

## PREFACE

After its assessment and accreditation by NAAC in 2002 and re-accreditation in March 2009, Barrackpore Rastraguru Surendranath College registered under 2f & 12B of the UGC Act is submitting the Self Study report for Re-assessment and Re-accreditation for the third cycle.

In the second assessment, the college was awarded 'B' grade with Institutional Cumulative Grade Point Average 2.83. The NAAC Peer Team during their visit on second cycle re-accreditation gave some invaluable suggestions and guidelines in their Recommendation Report. Those suggestions and recommendations gave a new dimension and impetus to the forward march of our institution. During the last four years we have tried out best to develop our institution in all respects accommodating recommendations and suggestions with the support of all the stakeholders of the college.

The Self Study Report is submitted in the prescribed format: a) Preface, b) Executive Summary, c) Profile of the Institution, d) Criteria-wise analytical report, e) Inputs from each of the department.

During the preparation of Self Study Report, we have collected data individual-wise, department-wise and institutional-wise. In this regard, cooperation and assistance from all the stakeholders are gratefully acknowledged. Without such cooperation it would not be possible for us to be only the second college in the state to submit ourselves to the third cycle of the Re-accreditation process.

### **Published by:**

**Principal**

**Barrackpore Rastraguru Surendranath College**

**85, Middle Road & 6, Riverside Road,**

**P.O. – Barrackpore, Dist. – North 24 Parganas,**

**Kolkata – 700 120.**

### **Prepared by:**

**Steering Committee, Internal Quality Assurance Cell**

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## Executive Summary

While presenting our Self Study Report in connection with the Re-accreditation of Barrackpore Rastraguru Surendranath College, Barrackpore, 24 Parganas (North), West Bengal in the third cycle, I would like to quote from a Bengali poem, written by **Gurudev Rabindranath Tagore** to express the feeling for our quest for excellence, the vision of the college as:

“ Je Nodee Haraae Sroat Cholite Na Paare  
Sahasra Shaibal Daam Baandhe Asi Taare”

i.e. if the river stops flowing, it becomes covered by moss. If we want to project our country as knowledge economy we should not compromise on quality, the elixir of higher education. Quality higher education leads to human capital formation with higher productivity which can bring about higher economic growth we are striving for. Actually, we are cultivating, producing and disseminating knowledge in the institutions of higher education. It is a continuous process as we are striving for enhancement of knowledge through research activities in various fields and improvement in intellect and thought.

**We all know that change is the only constant in nature and we have to mould ourselves accordingly.**

During the last four years we acted upon different criteria as follows:

### Curricular Aspects:

- To facilitate vertical progression of our students we have introduced **Six** autonomous **PG courses** – Four PG courses since 2004 and **two PG Courses** in last four years.
- College has introduced **semester system of examinations** with 100 credit points for each course and **Choice Based Credit System (CBCS)** at the PG Level.
- To increase horizontal mobility of students **one new advance course** and **three new general subjects** at the UG level have been introduced during the last four years.
- **Three value added courses** funded by UGC have been introduced with **semester system** of examination with 30 credit points for each course to make the students globally competent and help them building their careers.
- At present, the college runs 26 UG programmes, Six PG programmes and nine Value Added Programmes.
- Academic Flexibility is offered by the college by offering about 100 combinations in 26 programmes.
- College is offering/allowing programmes facilitating twining / dual degree through IGNOU and other professional courses like CA, CS, etc.
- College combines conventional face to face learning and distance mode of learning as a partnership institution of IGNOU.
- Multi-cornered feedback mechanism has been emphasised and it is being used for reforms and developments of the institution.
- Well thought curricula have been designed on the basis of the feedback from different stakeholders.



- College is providing horizontal support through introduction of different value added programmes such as Coaching for NET/SET, Entry in Services, Soft Skill development, other value added programme funded by UGC Merged Scheme.
- Syllabi of all courses (UG & PG) have been revised and updated since 2009-10 session incorporating the crosscutting issues. A good no. of faculty members of our college are members of the Board of Studies (UG & PG) participate in the revision of syllabi.

#### **Teaching- Learning and Evaluation:**

So far as teaching–learning process is concerned we have given it **utmost importance**.

- ◆ **Wide publicity and transparency in Admission** process. Merit List, Full List, Date of Counselling & Admission and other related information are **published in College website** for both UG & PG Courses for maintenance of transparency.
- ◆ Admission for PG courses is totally through **online process**. In case of UG Admission both physical and online submission are available.
- ◆ **Access and Equity:** During the last four years there has been an increase in the number of students by almost 12%. The increase in the number of girl students is significant and it is now ~60% of the total students' population representing gender balance. 25% of the students are coming from the families whose monthly income is less than Rs. 5000/-and SC and ST students are given their due share as per Government norms.
- ◆ College is giving due importance for attracting differently-abled students by installation of vertical rail and construction of ramp in strategic positions and other necessary requirements.
- ◆ Monitoring the performance of the teachers, students and non-teaching staff is unique in this college. Daily basis performance appraisal of teachers is maintained which had been appreciated by the previous peer members during the last visit. This unique feature is still sustained.
- ◆ College is providing around 300 computers, 35 LCD projectors, 3 Smart Boards, Wi-Fi Campus, and Subscription of NPTEL & INFLIBNET, Open Educational Resource. The college ranks among the top ten users of INFLIBNET at the all India level. These are the strong support for IT based teaching and learning.
- ◆ Feedback from the students (year old mechanism), alumni, & parents and academic audit by peer members are used for improving the quality of the teaching-learning process.
- ◆ Number of faculty members increased leading to improve the teacher-student ratio.
- ◆ Appointment procedure is very transparent and Teacher Quality is very high with 59 Ph.D. holders, 16 M.Phil. /M.Tech. and 34 teachers are pursuing their Ph.D. works and 50 NET/SET holders. A significant percentage of faculty members are striving to upgrade academic quality.
- ◆ Teacher emphasizes on collaborative, interactive and independent learning as **student centric learning**.



- ◆ Institution nurtures critical thinking, creativity and scientific temper among the college students and the neighbouring schools to transform them in life-long learner and innovators through Project Work, DST Internship Science Camp, and review work of literature, PowerPoint presentation of paper in seminars and workshops.
- ◆ Some Guest Teachers from different Universities and institute of repute like ISI, IACS, Bose Institute etc are invited to impart quality teaching at the PG level and UG level.
- ◆ Number of Non-teaching staff increased for better support services.
- ◆ The success rate at the end level examination of the West Bengal State University in many of the programmes is almost 100% during the last few years. Students are getting 1<sup>st</sup> class marks (27-33%) which is much higher than the university percentage and the rank holder percentage is also more than 30% in each year.
- ◆ According to the University result, amongst the 47 general degree colleges of the university, the performance indicators as mentioned above shows that the college is at the top rank amongst the leading colleges under the University.
- ◆ College organizes Summative evaluation through midterm test and test examination along with university examination. Apart from this, formative evaluation has been operating through **continuous evaluation** of the students in the form of internal assessment at the PG level and General practical examination at the UG level.
- ◆ College has clearly stated Learning Outcome for the autonomous PG curriculums and these are well analyzed from the performance of the students in getting quality jobs, innovation and research aptitude.

#### **Research, Consultancy and Extension:**

- ◆ The college has **three research centres** where senior faculty members supervise the Ph.D. Scholars and **three centres** are being developed for the same purpose.
- ◆ Research Monitoring Cell continuously motivates and encourages the teachers and postgraduate students to engage themselves in research and project works. **34** Faculty members are pursuing their Ph.D. work in collaboration with university and research institutes.
- ◆ College publishes the peer reviewed Journal – “Journal of Business and Economics Issues” with ISBN Number since 2009.
- ◆ More than fifty percent of the teachers are engaged in direct research and numbers of publications are 238 (181 national and 57 international) with good impact factor (0.258-7.09) and citation index.
- ◆ 28 faculty members are working on minor research project, one in major research project (DBT, Govt. of West Bengal). One major research project (DBT, Govt. of India) is yet to get final approval. 11 faculty members have completed MRP during the last four years. **College is funding at present six minor research projects.** College allocates a good amount of seed money for promoting research work.
- ◆ College has organized 69 (National/ State/ Departmental) seminars and workshops during the period of which 14 are UGC funded, two funded by DST and rest funded by college.



- ◆ Collaborative and inter-disciplinary projects and field works by the students in some of the departments of the college.
- ◆ Collaborative activities with the Labour Department, Govt. of West Bengal regarding special coaching for different competitive examinations.
- ◆ College has obtained fund from DST FIST (Level-0) for developing research facility. The college has set up a Central Instrument Laboratory with high range of delicate instruments for research work. Some of the researches are interdisciplinary.
- ◆ College provides leaves of different kinds to faculty members to attend seminar and conferences and to conducted research activities.
- ◆ Career Development cell is participating in consultancy and generating value added Human Resource.
- ◆ The College promotes extension activities and outreach programmes by the **NCC Cadets & NSS Volunteers and Women development Cell**.
- ◆ Extensive community services through **Thalassaemia Eradication Centre in generating Thalassaemia awareness programmes in neighbouring society. Voluntary Blood Donors Club, Adoption of a Municipal Ward** is the other commitments towards society.
- ◆ The College has set up a number of collaboration with different organizations of national and international repute like Indian Red Cross Society, IGNOU, JU and IICB etc.

#### **Infrastructure and Learning Resources:**

To ensure quality in education we have emphasized on Capacity Building encompassing options.

- ◆ Significant budgetary allocation of the institution for construction and maintenance of buildings and laboratories.
- ◆ **A piece of land will be purchased shortly to enhance the area of the third campus of the college.**
- ◆ Built up area has been increased from **125000.sq. ft. to 160000 sq. ft.**
- ◆ Facilities available for class room & Digital Class room, Language laboratories with specialized software, Seminar hall, Auditorium, Animal House, Well equipped laboratories, Garden with Botanical importance.
- ◆ There are some common facilities available in the campus: IQAC, Grievance Redressal & Sexual Harassment Redressal Cell, Women Development Cell, Placement Unit, Health Centre, Canteen, Recreational Spaces for staff & Students, Cold & Purified drinking water facility, Gymnasium, Credit Cooperative for staff.
- ◆ Significant budgetary allocation of the institution for IT Infrastructure, modern equipment of high end and maintenance of the same,
- ◆ Number of computer increased from 160 to 300 leading to ratio 1:18 and the computer are optimally used.
- ◆ Up gradation of computers with latest versions is in continuous process.
- ◆ Number of LCD projectors increased from 09 to 30 and Internet node developed up to n numbers through Wi-Fi to encourage ICT.
- ◆ Internet Connectivity through **21 Internet Connections** of NMEICT.



- ◆ College Library ensures purchase and use of current titles, e-journals & other reading materials by spending a considerable amount of money on procuring new books, journals & e-resources.
- ◆ College library deploys ICT and other tools to provide maximum access, Library automation, Internet Connectivity, Content management system for e-learning.
- ◆ Number of library books is increasing continuously. Present number of Library Books is 47000 (as on 16.12.2013) with 1,00,000+ e books;
- ◆ Number of Journals increased to 49 with e-journals, access to INFLIBNET and materials of NPTEL.
- ◆ Central Library space increased to 12000 sq. ft.
- ◆ Open Access to Library with monitoring through Biometric device and CCTV surveillance.
- ◆ Accommodation of Girls' Hostel increased **from 18 to 54 students**.
- ◆ Sincere efforts for Good House Keeping; Optimal utilization of the Infrastructure.
- ◆ Availability of sport coaching in the college ground, improved Canteen and Sanitary facility.
- ◆ Arrangement of separate office space for each department **as recommended by Peer members**.
- ◆ College website is regularly updated.

#### **Student Support & Progression:**

- ✱ Information provided to students through web-site, prospectus and notice board in strategic positions thereby ensuring commitment and accountability.
- ✱ Different types of financial assistance are provided to the students by the college, State Govt., Central Govt. and other agencies.
- ✱ College provides support services to SC, ST, OBC, Economically weaker, physically disabled students and helps them to participate in various competitive exams through the provision of coaching classes, skill development courses and college publications. Supports are also given to slow learners. On average **every year 12% students** are receiving Merit and Means Funds. Teachers' Council and alumni association has extended their hands to provide scholarship to needy but meritorious students.
- ✱ Promotion of students in the participation of extracurricular and co-curricular activities.
- ✱ Success rate of our students at the university examinations is nearly hundred percent (95-98%), with first class (22.31%-2013; 30.77%-2012; 34.31%-2011) and rank holders (more than 30%) with a very good **number of first ranks** indicates its top position amongst the 47 colleges in the University.
- ✱ Support services provided to students in NET, SET, and GATE etc.
- ✱ Institution has a structured mechanism for career guidance and placement of the students under the **supervision of a fulltime Placement Officer as recommended by Peer members**. A good number of students are selected in different jobs through on-campus and off-campus basis.
- ✱ Institution is sensitive to grievances and sexual harassment of students and devotes sincerest efforts to redress them through Grievance Redressal Cell and Sexual Harassment Redressal Cell. Notices and drop boxes to receive complaints are displayed in specific places of the two campuses of the college.



- The college has a registered alumni association which contributes for institutional development.
- The students' union of the college is very active and extends their supports in various academic and administrative bodies apart from considering the interest of the general students.
- Coaching facility for Football, Cricket, Athletes and Gymnasium. **Mass Participation** and remarkable results of students in Cultural Competition, Sports activity (both Indoor & Outdoor) at the university level & State level; Publication of Wall and Printed Magazine.
- Canteens well equipped. Sufficient & well organized sanitary facility available in both the campuses of the college.
- **Formal record keeping of the** students' progression is done through different mechanism- At the time of issuance of migration certificate, e-mails and telephonic interactions, social networking, interaction with the faculty members of the concerned department, through alumni association etc.
- **Accidental Insurance** benefits up to Rs. 22000/-have been given to students for treatment. Availability of Medical officer with Nursing Home facility in time of illness of the students.
- Women Development & Sexual Harassment Redressal Cell is working for women empowerment, sensitization programme and awareness programme,
- Health facilities are provided to students through **Health Centre, Health Awareness Programmes and Students' Health Home.**
- **Effective safety & security measures** available in the college and in the women Hostel for students and college assets.
- **Alumni held strong position in higher studies in India and abroad**

### **Governance, Leadership and Management:**

The governance and leadership role of the college as well as the Principal is to **Collegiate** the teachers, students, non-teaching members, Alumni, Society persons.

- ❖ Decentralization and Participative Management with functioning of different committees showing their democratic functioning.
- ❖ The college frames a prospective plan and the management encourages the teaching and non-teaching members and students to participate in various activities.
- ❖ Feedback from students, parents, alumni, peer members and society persons are taken into consideration to chalk out the action plan for institutional development.
- ❖ College developed a plan document for the coming 10 years for the future growth and working on it deploying development funds from different sources,
- ❖ Management Information System has been extended through webmail for better communication **as per the earlier suggestions of NAAC Peer Team.** Documents and information for the preparation of SSR for the 3<sup>rd</sup> cycle, processed mostly through MIS,
- ❖ Special drive for recruitment of teachers and non teaching staff and required training for them to improve the teacher- taught ratio and support services.
- ❖ Strict Observance of Govt. Rules in Recruitment Procedure,
- ❖ Internal Resource generation increased to 25 % during last four years and its optimal utilization for academic growth,



- ❖ College has developed Department-wise Budget as per the earlier suggestions of NAAC Peer Team,
- ❖ College has developed separate maintenance budget for both College Building and Laboratories and a Corpus fund for maintenance of the Modern Equipment,
- ❖ Maintenance of Up to date & Regular Internal and External Audit Mechanism. Funds are optimally utilized.
- ❖ The college is free from Ragging, Agitation, Sexual harassment and any bias towards any caste, creed and religion.
- ❖ The college is providing financial support during emergency to its staff members through registered **Staff Cooperative Credit Society**.
- ❖ Institutions initiative to enhance the professional development and faculty empowerment through training, retraining and motivation.
- ❖ Different welfare schemes available for teaching and non-teaching staff.
- ❖ **'Internal Quality Assurance Cell'** is working as a quality assurance system for sustenance and future development of the college and it participate for **peer reviewed academic audit** and has been operating within the time schedule.

#### **Innovations and Best Practices:**

- ❖ The institution welcomes each of its stakeholders to a lush green, plastic free campus to inculcate in them a right direction of environmental awareness.
- ❖ The college administration maintains regular contact with **Guardians, Alumni and Society Persons, which** was pointed out by the earlier Peer members and has been retained during the last five years.
- ❖ **'The team work to raise the academic standard of the college is impressive'** – an observation of the previous Peer members which is still operated effectively.
- ❖ The roles of **Students' Union are commendable** for the development of the college. Students are so motivated that Students' Union is often contributing from their funds towards college development. **This year they contributed Rs. 40,000/- for the purchase of electrical appliances.**
- ❖ The **Teachers' Council's role is praiseworthy** for the development of the college. It is also contributing monthly to generate a fund from which the needy students are offered financial help.
- ❖ Institution has taken initiative to make the campus eco-friendly through Energy conservation, **Green Audit, Rainwater harvesting, Carbon neutrality plantation, and Hazardous waste management.**
- ❖ **College runs some best practices such as performance appraisal of teachers and students' feedback.**

At the end we would like to say that all the activities are being channelized to provide a tailwind to excellence. Regarding Internal Quality Assurance and Innovative Practices, let me allow to quote here from a poem written by the American **Poet Elia Wheeler Wilcox**

“One ship sails east and another west  
While the self-same breezes blow  
'T is the set of the sail  
And not the gale  
That bids them where to go.”

**Yes, we believe, we can.**



## 1. Profile of the Affiliated/ Constituent College

### 1. Name and Address of the College:

Name :	<b>BARRACKPORE RASTRAGURU SURENDRANATH COLLEGE</b>		
Address :	<b>85 Middle Road &amp; 6 Riverside Road, Barrackpore, North 24 Pgs.</b>		
City : Kolkata	Pin :700120	State : West Bengal	
Website :	<b>brsnc.org</b>	e-mail:	brsc1953@gmail.com

### 2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Ajoy Kumar Mukherjee	O: 033-25945270 R: 033-25922637	094330 02637	033- 25945270	dr.ajoykr@gmail.com
Steering Committee Coordinator	Dr. Chandrasekhar Mukherjee	O: 033-25920603 R: 033-26858213	098316 87236	033- 25945270	chandrasekhar@brsnc.org drchandrasekhar@brsnc.org drchandrasekhar@gmail.com

### 3. Status of the Institution:

- Affiliated College
- Constituent College
- Any other (specify)

### 4. Type of Institution:

- a. By Gender
- i. For Men
- ii. For Women
- iii. Co-education
- b. By Shift
- i. Regular
- ii. Day
- iii. Evening

### 5. It is a recognized minority institution?

- Yes
- No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence. **Not Applicable**

### 6. Sources of funding:

- Government
- Grant-in-aid
- Self-financing
- Any other



7. a. Date of establishment of the college:

DD	MM	YYYY
19	09	1953

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

West Bengal State University

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	01.01.1969	As per record of UGC published Book
ii. 12 (B)	01.09.1969	UGC web site record and order

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes  No

If yes, has the College applied for availing the autonomous status?

Yes  No

9. Is the college recognized?

a. by UGC as a College with Potential for Excellence (CPE)?

Yes  No

If yes, date of recognition: ..... (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes  No

If yes, Name of the agency ..... and

Date of recognition: ..... (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Urban
Campus area in sq. mts.	5.2 acres
Built up area in sq. mts.	16000 sq. mts (approx.)

(\*Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities
- Sports facilities
- Play ground



- Swimming pool
- Gymnasium

x
✓

□ Hostel

Boys' hostels

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

*

\* Boys' Hostel under Construction

Girls' hostels

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

✓
01
54

- a. Attach Bath
- b. Library
- c. Internet
- d. Gymnasium
- e. Indoor Game
- f. Television
- g. Water purifier with cooler
- h. Refrigerator for Food preservation

Working women's hostel

- i. Number of inmates
- ii. Facilities (mention available facilities)

x

□ Residential facilities

- Teaching staff
- Non-teaching staff

✓

□ Cafeteria

✓
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□ Health Centre

- First aid facility
- Inpatient facility
- Outpatient facility
- Ambulance facility
- Emergency care facility
- Health Centre Staff

✓
✓
x
x
x
✓

- Qualified Doctor: Full time 

x
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 Part-time 

✓
---
- Qualified Nurse: Full time 

x
---

 Part-time 

x
---

□ Other facilities

- Bank
- ATM
- Post Office
- Book Shops

x
x
x
✓



<ul style="list-style-type: none"> <li>❑ Transport facilities           <ul style="list-style-type: none"> <li>for students <input type="checkbox" value="x"/></li> <li>for staff <input type="checkbox" value="✓"/></li> </ul> </li> <li>❑ Animal house <input type="checkbox" value="✓"/></li> <li>❑ Biological waste <input type="checkbox" value="✓"/></li> <li>❑ Power House           <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">             College has Power House with H.T. Line (High Tension Electrical Supply) with the Transformer 250KVA in each of the two campuses of the College and Three Generators with 100KVA, 75 KVA &amp; 15 KVA.           </div> </li> </ul>
<ul style="list-style-type: none"> <li>Solid waste management facility <input type="checkbox" value="x"/></li> <li>Waste water management <input type="checkbox" value="x"/></li> <li>Water harvesting <input type="checkbox" value="✓"/></li> </ul>

12. Details of programmes offered by the college (Give data for current academic year)

Name of the Programme / Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned /Approved Student intake	No. of Students Admitted
<b>UG AIDED (25)</b>					
Bengali Honours	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 45% marks in Subject	Bengali	75	75
Education Honours	3 yrs	Passed in H.S. with 50% Marks in Aggre. and 45% marks in Subject for taught	Vernacular English	50	50
English Honours	3 yrs	Passed in H.S. with 50% Marks in Aggre. and 50%(Gr.-B-WBCHSE) & 55%(CBSE & Others)marks in Subject	English	55	55
Hindi Honours	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 45% marks in Subject	Hindi	40	40
History Honours	3 yrs	Passed in H.S with 50% Marks in Aggregate and 45% (for taught Students) marks in Subject	Vernacular English	55	55
Journalism & Mass Communication Honours	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 50% (Bengali / English) marks in Subject	Vernacular English	35	35
Philosophy Honours	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 45% (for taught Students) marks in Subject	Vernacular English	40	40
Political Science Honours	3 yrs		Vernacular English	65	65



Sociology	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 45% (for taught Students) marks in Subject	Vernacular English	40	40
B.A. General	3 yrs	Passed in H.S. or equivalent examinations with 40% Marks in Aggregate.	Vernacular English	250	250
Physics	3 yrs	Passed in H.S. with 60% Marks in Aggregate and 60% marks in Subject + 50% marks in Mathematics	English	30	30
Chemistry	3 yrs	Passed in H.S. with 60% Marks in Aggregate and 60% marks in Subject + 45% marks in Mathematics	English	35	35
Mathematics	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 60% marks in Subject	English	50	50
Microbiology	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 60% marks in Chemistry and Biology	English	30	30
Zoology	3 yrs	Passed in H.S. or equivalent examinations with 55% Marks in Aggregate and 60% marks in Biology and 50% in Chemistry	Vernacular English	35	35
Computer Science	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 60% marks in Physics or Computer Science and 60% in Mathematics	Vernacular English	35	35
Electronics	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 60% marks in Physics and 50% in Mathematics	Vernacular English	30	30
Economics	3 yrs	Passed in H.S. or equivalent examinations with 55% Marks in Aggregate and 45% (for taught students) marks in Subject.	Vernacular English	32	32
Food & Nutrition	3 yrs	Passed in H.S. or equivalent examinations with 55% Marks in Aggregate and 55% Chemistry & Biology/Nutrition.	English	35	35
Geography	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 60% in Subject & Economics is preferred as a subject	English	45	45



Psychology	3 yrs	Passed in H.S. or equivalent examinations with 60% Marks in Aggregate and 55% (for taught student) marks in a subject	Vernacular English	35	35
B.Sc. General	3 yrs	Passed in H.S. with 45% Marks in Aggregate.	Vernacular English	40	40
Finance & Accounts	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 55% (Accounts) Non-Taught – 45% in related subjects.	English	250	250
Marketing	3 yrs	Passed in H.S. with 50% Marks in Aggregate and 45% in Business Organization or Related Subject.	English		
B.Com. General	3 yrs	Passed in H.S. or equivalent examinations with 40% Marks in Aggregate.	English	200	200
<b>UG SF (01)</b>					
Business Administration	3 yrs	Passed in H.S. or equivalent examinations with 55% Marks in Aggregate and 45% In Math/ 50% in Business Math / or Business Economics and Mathematics / Statistics / Accounts.	English	30	00
<b>PG Autonomous (6)</b>					
M.Sc. in Microbiology	2 yrs	B.Sc. Honours/Major [where Honours course is not taught in that University] in Microbiology with general/subsidiary/minor subjects in (i) Chemistry, (ii) Physics/ Zoology / Botany / Mathematics of WBSU or equivalent, recognized by WBSU	English	30	30
M.Sc. in Computer Science	2 yrs	B.Sc. Honours/Major [where Honours course is not taught in that University] in Computer Science with general /subsidiary/minor subjects in (i) Mathematics, (ii) Physics/ Statistics/ Electronic Science of WBSU or equivalent, recognized by WBSU	English	35	35
M.Sc. in Geography	2 yrs	B.A./B.Sc. Honours/ Major [where Honours course is not taught in that University] in Geography of WBSU or equivalent,	English	30	30



		recognized by WBSU			
M.Sc. in Food & Nutrition	2 yrs	B.Sc. Honours/ Major [where Honours course is not taught in that University] in Food & Nutrition/Chemistry/Physiology of WBSU or equivalent, with general/subsidiary/minor subjects in (i) Chemistry, (ii) Physics/ Zoology / Botany / Mathematics /others.	English	25	25
M.Com. in Accounts, Finance & Control	2 yrs	B.Com. Honours/ Major [where Honours course is not taught in that University] / BBA degree with Accounts and / or Finance from WBSU or equivalent, recognized by WBSU	English	40	40
M.Com. in Marketing Management	2 yrs	B.Com. Honours/Major [where Honours course is not taught in that University] / BBA degree with Marketing from WBSU or equivalent, recognized by WBSU.	English	40	40
<b>Certificate Course UGC Approved (3)</b>					
Career Oriented Soft Skills	1 yr	Passed in H.S. or equivalent examinations	English	25	25
Computer Aided Accounting and Taxation	1 yr	Passed in H.S. or equivalent examinations	English	25	20
Foreign Trade with Logistics and e-commerce	1 yr	Passed in H.S. or equivalent examinations	English	20	
<b>Certificate Course SF (1)</b>					
'O' level	6 months	Madhyamik	English	40	40
<b>UG Diploma SF (2)</b>					
A level (Diploma)	18 months	+2 in any discipline	English	25	25
CCE	1 yr	2 <sup>nd</sup> year pass out	English		
<b>PG Diploma SF (1)</b>					
PGDSE	18 months	Graduation	English	25 per section	25
<b>Any others (1)</b>					
Entry Level Coaching programme for SSC/ Rail/Bank and other Govt.	1 yrs	+2 in any discipline	English		



jobs [funded by UGC]					
Coaching class for NET/SET examination [funded by UGC]	1 yr	Post Graduates / those who completed 2 <sup>nd</sup> Sem of PG Level	English		

13. Does the college offer self-financed Programmes?

Yes  No

If yes, how many?

Programmes	No. of Courses
UG (BBA)	01
PG	00
PG Diploma (PGDSE)	01
Diploma [A level, CCE]	02
Certificate Course ('O' level)	01
<b>Total</b>	<b>05</b>

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	[PG- 02+ UG Hons 01+UG General 03+ Certificate (Aided) -03+ Others 02]11
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Academic Year	No. of Courses	Name of the Programmes
2012 – 13	1	Urdu as B.A. General Subject
2011 – 12	4	Physical Education as B.A. & B.Sc. General Subject Certificate Course in COSS Certificate Course in CAAT Certificate Course in FTM
2010 – 11	3	M.Sc. Food & Nutrition Others Coaching Courses - 02
2009-10	3	M.Sc. Geography B.Sc. Honours Course in Zoology Botany as B.Sc. General Subject

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)



Faculty	Departments (eg. Physics, Botany, History etc.)	UG		PG
		Honours	General	
Science	Physics	✓	✓	-
	Chemistry	✓	✓	-
	Mathematics	✓	✓	-
	Microbiology	✓	✓	✓
	Electronics	✓	-	-
	Computer Science	✓	-	✓
	Economics	✓	✓	-
	Food & Nutrition	✓	-	✓
	Zoology	✓	✓	-
	Psychology	✓	-	-
	Geography	✓	-	✓
	Statistics	-	✓	-
	Botany	-	✓	-
	Physical Education	-	✓	-
Arts	Bengali	✓	✓	-
	English	✓	✓	-
	Hindi	✓	✓	-
	Urdu		✓	-
	History	✓	✓	-
	Education	✓	✓	-
	Journalism & Mass Communication	✓	✓	-
	Philosophy	✓	✓	-
	Political Science	✓	✓	-
	Sociology	✓	-	-
	Film Studies	-	✓	-
Commerce	Commerce: 1. Accounts, Finance 2. Marketing	✓	✓	✓
Any Other (Specify)	Management	✓	-	-

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, and M.Com...)

a. annual system

b. semester system

(PG-06, PG Diploma -01, Diploma -02, Certificate- 04, IGNOU -6)

c. trimester system

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes

No



19. Does the college offer UG or PG programme in Physical Education?

Yes  No

If yes,

a. Year of Introduction of the programme(s) **WBSU/IC/Aff./182/11 dt. 04/07/2011** (dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable) N.A.

Notification No.: ..... Date: ..... (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes  No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor/Principal		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government <i>Recruited</i>	1		12	7	17	11	16	1	13	1
<i>Yet to recruit</i>					24		6			
Contractual Govt. Aided					11	19				
Part Time Govt.					4	12				
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>					3	7	13	10	6	1
<i>Yet to recruit</i>										
Part Time Management					15	10				
Guest Management Appointee					12	1				
Visiting					16	2				

\*M-Male \*F-Female



21. Qualifications of the teaching staff:

Highest qualification	Professor/ Principal		Associate Professor		Assistant Professor		Total
	Mal	Femal	Male	Femal	Male	Femal	
Permanent teachers							
Ph.D.	1		9	3	6	15	34
Ph.D. pursuing			1		12	13	31
M.Phil./M.Tech			1	1	11	3	16

PG			1	3	5	7	11
Temporary teachers including Guest & visiting							
Ph.D.					18	3	21
Ph.D. pursuing							
M.Phil./M.Tech.							
PG					23	10	33
Part-time teachers							
Ph.D.					1	3	4
Ph.D. pursuing						3	3
M.Phil. /M.Tech.							
PG					3	6	9

22. Number of Visiting Faculty /Guest Faculty engaged with the College. 31

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2012-13		2011-12		2010-11		2009-10	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	336	337	300	330	285	286	268	249
ST	38	55	37	34	34	36	36	41
OBC	116	82	59	49	30	34	25	31
General	1688	2486	1741	2577	1849	2496	1711	2449
Others								

24. Details on students enrollment in the college during the current academic year:

Type of students	UG			PG		Ph.D.	Total
	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> Year	5 <sup>th</sup> year		
Students from the same state where the college is located	1890	1258	1191	199	190		4728
Students from other states of India	03	09	05	01	-		18
Foreign students	03	13	-	-	-		16
Total	1896	1280	1196	200	190		4762

25. Dropout rate in UG and PG (average of the last two batches)

Dropout rate	2012-13	2011-12
UG	~5%	~5%
PG	<1%	<1%



## 26. Unit Cost of Education

Unit Cost of Education	2012-13	2011-12	2010-11	2009-10
<b>(a) including the salary component</b>	16938	17776	15819	13962
<b>(b) excluding the salary component</b>	5701	4953	6531	6833

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

## 27. Does the college offer any programme/s in distance education mode (DEP)?

Yes  No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes  No

b) Name of the University which has granted such registration.

**Indira Gandhi Open University (IGNOU)**

c) Number of programmes offered 06

d) Programmes carry the recognition of the Distance Education Council.

Yes  No

## 28. Provide Teacher-student ratio for each of the programme/course offered

Sl. No.	COURSE	Min. Qualification	NO. OF STUDENTS
1.	BA (UG)	10+2	ODL*
2.	B Com (UG)	10+2	ODL*
3.	BSW (UG)	10+2	ODL*
4.	Education (PG)	Graduate	ODL*
5.	English (PG)	Graduate	ODL*
6.	Functional English (Certificate)	10+2	ODL*

ODL\* Open and Distance Learning

## 29. Is the college applying for

Accreditation: Cycle 1  Cycle 2  Cycle 3  Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

## 30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 21.03.2003 (dd/mm/yyyy) Accreditation Outcome/Result B

Cycle 2: 15.06.2009 (dd/mm/yyyy) Accreditation Outcome/Result B(2.83)



31. Number of working days during the last academic year. 254 days
32. Number of teaching days during the last academic year 213 days  
(Teaching days means days on which lectures were engaged excluding the examination days)
33. Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC  
Feb, 2004
34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.
- |                          |                         |
|--------------------------|-------------------------|
| 1. AQAR (i) 30.09.2010   | 2. AQAR (ii) 30.09.2011 |
| 3. AQAR (iii) 30.09.2012 | 4. AQAR (iv) 27.09.2013 |

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information):

College is located in Barrackpore Cantonment area. It is the only college in the state located in a cantonment area. Development work specifically the infrastructural development is restricted in the cantonment area because cantonment maintains old rules and by laws for construction. Besides, it is also located in the east bank of the river Ganges, and the institution enjoys lush green environment.

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## CRITERION I

### Curricular Aspects

Barrackpore Rastraguru Surendranath College, Barrackpore an Institution of Higher Education in West Bengal, was established in the year 1953 by a group of dedicated men, led by Dr Satish Bose, a noted social worker. They took the initiative in establishing this institution on 19 September, 1953 and named it after one of the most illustrious sons of Barrackpore and India, Surendranath Banerjee. Over the years the college has consolidated its position as a premier institution in the state of West Bengal imparting learning in diverse areas of Humanities, Commerce and Basic Sciences with 23 UG advance courses, 3 general courses, . Emerging subjects in the field of Applied Sciences such as Computer Science, Electronic Science, Microbiology, Psychology and Food and Nutrition are given due emphasis. In keeping with the institutions objectives of Advancement of Learning, Need-Based Higher Education and also to cope with the explosion of demands for PG studies, the college started PG courses with affiliation to the University of Calcutta from 2004-05. Presently it covers PG studies in 6 subjects on autonomous basis. In tune with the recent development in some of the best educational institutions in India our college has introduced Value Added education which is aimed at developing the human potential for better employability of our students.

#### 1.1 Curriculum Planning and Implementation

##### 1.1.1 Vision of the College:

To make the college a centre of excellence and an institution of national acclaim.

##### Our Mission:

- To ensure and sustain Quality in education.
- To provide value based and value added education with a view to instilling self-confidence among the students.
- To inject energy and vigour among our youth and help them to learn, grow and evolve so that their dreams come true.
- To make our students socially committed and adaptable to global changes.

##### OBJECTIVES:

1. Advancement of learning accompanied by modern teaching aids.
2. Provision of need based higher education to cope up with the changing requirements of the society.
3. Attainment of excellence through academics.

The resolution adopted by the Founder Members in the meeting dated 27<sup>th</sup> July, 1953 also corroborates our mission, vision and objectives of today. The planning, functioning of all activities of this institution revolve around the vision and mission of the college. The thought behind the vision and the mission has been effectively conveyed to all the stakeholders of the college through the involvement and contribution by the management and faculty who direct the students in their academic and non- academic activities. **Parents** are informed of the vision and mission on the day of counseling for admission in the various undergraduate, post graduate and other vocational courses, during Parent–Teacher’s Meet etc., and **Alumnae** are reminded of it in the Reunion meet. Besides that, the following steps are adopted to advertise the vision, mission and objectives.



The **regularly updated website** highlights our vision and mission. The college prospectus and the **annual magazine** regularly incorporate the renewed information.

**Display boards** placed at strategic locations in the college provides easy access for any entrant, to important messages on a daily basis. **Students newly admitted** are apprised of the vision, mission and objectives of the institution on the first day of joining.

All campus programmes and special occasions begin with a reminder of the key goals of the institution.

### 1.1.2 Institutional development and deployment of Action Plan for Effective Implementation of the Curriculum:

The objective of preparing the students for success in education and job market as mentioned in the mission is achieved through the effective implementation of the curriculum in the following ways:

- **Discipline based learning with a support of a Teaching plan**
- **Student Centric Learning**
- **Value Based Education**
- **Value Added Education**
- **Interdisciplinary Learning**
- **Provision of Academic Flexibility**
- **Knowledge and skills in Arts, Sciences, Humanities and Commerce**
- **Knowledge and skills in Communication and ICT.**
- **Development of Learning Outcome in the autonomous courses**
- **Promotion of Co-curricular and Extra-curricular programmes**

The processes of implementation of the curriculum rotate around the objectives of the institution, and it is executed in the following stages.

In the first stage, the **entire faculty and the department**, under the guidance of IQAC, Academic Sub-committee, Faculty Council (PG) and Board of studies (PG) frame strategies to develop **action plan for the implementation of curriculum as well as** schedule of co-curricular and extra-curricular activities at the beginning of every academic year

In the second stage, every **department conducts meetings** to assess the progress of syllabus and prepares teaching plans by consulting Academic Diary basing it on the Academic Calendar of the concerned streams.

In the third stage, faculty developed **teaching plans and curriculum** are executed with different the teaching methodologies in both undergraduate and post graduate courses. Plenty use of ICT and innovative methods of teaching and learning is encouraged.

This multi-pronged **approach** to curriculum implementation planning ensures:

- Maximum coverage of all areas within the curriculum
- Addressing of the various learning needs of students
- Cohesiveness in teaching, learning and assessment practices
- Consistently monitoring student learning outcomes with special emphasis on the weak students

**Co-curricular programmes:** Co-curricular programmes for enriching the curriculum include National/International seminars, debates and discussions, assignments and project work, fieldwork and industrial visits, regular examinations, Add-on/Certificate courses, Communicative English and Soft Skill development, activities of NCC, NSS, etc.



### 1.1.3 Support from the University and the Institution for Effectively Translating the Curriculum and Improving Teaching Practices Support from the University:

As a newly born university, WBSU initiated revision of syllabus of all the courses of UG level through UG- BOS in last three years. It has also played for effective role for Translating the Curriculum and Improving Teaching Practices of the institution.

The University informs and motivated the institution regarding the Orientation and Refresher Courses for the teachers in order to improve the quality of teaching as well as provide opportunities for professional and academic growth.

The university provides guidance in the teaching learning aspects of the newly introduced curriculum through workshops and seminars as well as the use of ICT in education. Teachers are consulted on academic matters whenever the University takes a new decision. Many of them are members of various Board of Studies of the University (undergraduate level).

**Table 1.1.3 Participation of Faculty in Quality Enhancement Programmes**

	Enhancement Programmes	2009-10		2010-11		2011-12		2012-13	
		A*	B*	A*	B*	A*	B	A*	B*
1.	International Seminars	10	01	15	01	20	05	12	03
2.	National seminars	24	24	31	12	46	38	80	43
3.	Resource Person	04		03		04		05	
4.	Orientation Courses	01		04		02		00	
5.	Refresher Courses	02		06		09		10	

A\* - Paper Presentation; B\* - Participation

**Support from the Institution for effective translating the curriculum and improving practices:** The college administration constantly motivates the teachers to face the challenges of today's academic scenario. Though the main strategy of curriculum delivery followed, **Discipline based learning with a support of a Teaching plan, Student Centric Learning**, is brought about by incorporating **Provision of Academic Flexibility** and **Interdisciplinary** strands. This is at times done through introducing Add-on and Certificate courses, Soft skills and Value added courses.

- ◆ Institutional support for the faculty is achieved by facilitating the areas needed to implement the curriculum effectively – professional skills, well organized time-tables which fulfils the requirements, interactions of the stake-holders etc
- ◆ Making available the resources needed for the successful delivery of curriculum - administrative skills, external professional expertise,
- ◆ ICT, library and related resources like INFLIBNET N-List, NPTEL, and arrangements for projects, visits to Industry and Research Institutes etc.
- ◆ Providing a learning environment - (infrastructure, teaching and learning practices, technology
- ◆ Digital and virtual classrooms) that would ensure effective teaching and learning practice, Encouraging the teachers to organize seminars and to participate in conferences, seminars and workshops organized by other Institutions of Higher Education.
- ◆ Provision of WI-FI internet connection, LCD projector, OHP and other computer facilities for effective teaching and learning; Provision of Tutorial and Remedial classes for slow and weak learners;



- ◆ Provision of well-equipped laboratories including **Central Instrumentation lab** with Technical support wherever required;
- ◆ Smart A/C seminar halls for conducting seminars and workshops are provided for a research oriented working atmosphere.

**The IQAC Initiative:** The IQAC monitors different developmental activities, curricular, co-curricular and extracurricular. It provides awareness to the faculty regarding the new developments in the educational scenario. It encourages faculty to have more publications and helps them in project preparation and fund raising initiatives from various National funding agencies. As per the recommendation of IQAC the college provides funds for research work. During the years under review, the college in collaboration with the IQAC has organized many programmes in this connection.

**Table 1.1.3a Faculty Enrichment Programmes conducted by the IQAC**

Sl. No.	Name of the Programme	No. of Events
1.	ICT Oriented Training	04
2.	Workshops for Faculty	09
3.	PowerPoint Presentations by the Faculty	Very frequent
4.	Refresher course	27

#### **Improvement and Outcome:**

A student feedback mechanism is in place to make the teacher aware of and rectify his/her shortcomings in order to improve their ability as a teacher.

The college functioning is flexible enough to enable the faculty to undertake research projects and which in turn adds to their efficiency as teachers

Two faculty members have availed of the FDP programme and at present 59 of our faculty members are PhD holders.

Six faculty members have availed of the college funded MRP programme which might produce good research environment.

The faculty has produced a total of **184 research publications** in International /National /Regional Journals.

There have been **18 publications** of books including proceedings of national/ international seminars.

#### **1.1.4 Institutional Contribution to Effective Curriculum Delivery and Transaction:**

The change in the curriculum for the Undergraduate levels due to the change in affiliation from Calcutta University to West Bengal State University from the academic year 2009-10, has resulted in the rescheduling of the entire course content. A large number of faculty members as BOS members contributed for the same.

At the autonomous PG levels the Semester- with- Credit system has been introduced since 2009 and the syllabus was reframed with a thrust on research oriented studies by the PG BOS of each department.

Some initiatives and contributions made by this institution for the effective delivery and transaction of the curriculum provided by the University in an innovative and interactive way are:

**In case of Post Graduate autonomous courses**, the complete curriculum planning and delivery is done by the PG BOS and the Faculty Council.

**In case of UG Courses**, the syllabus is provided by the affiliating university and enrichment of curriculum is done by the college.

Preparation of **Academic Calendar** as a blueprint for timely and effective coverage of the syllabus.

Maintenance of **Academic Diary** and its review by the head of the institution.



Review in the meeting of academic subcommittee regarding curriculum delivery and transaction.

The institution provides **faculty as per the need** of the curriculum delivery and also provides **learning resources** as per the decision of the Academic Sub-committee.

Provision for equipment like computers, smart board, LCD projectors etc. provided for **ICT delivery**.

Adequate flexibility is provided by the wide range in the choice of subjects to the students in UG.

Introduction of **Choice-based Credit Semester System (CBCS)** and weight age in attendance in PG courses

Encouraging constant **feedback from all stakeholders** like students, alumni, parents, industry and other experts.

### **1.1.5 Networking and interaction with Beneficiaries like Industry, Research Bodies and the University:**

The institution has maintained a good working relationship with all beneficiaries like industry, research bodies and the University. In the Board of Studies for Autonomous PG Courses we have experts from Industry, Research Institutes and various Universities of national repute.

**1. Institute-Industry Interaction:** College organises regular campus pull through its Career Development and Placement Cell for opening up the scope of employment. Principal, Coordinators and Placement officers interact with the HR teams, during their visit to identify the short fall. They also attend different seminars to understand the necessity of the Industry.

Principal and coordinator received up to date information from the talk of Honourable Sam Pitroda, Chairman Knowledge Commission, Er. Narayan Murthy, Chairman, Infosys and legendary person of Indian Industry and Society. They have transmitted the views of these legendaries and reframed the curriculum accordingly.

Interaction between institution and industry is also improved through sharing of expertise at common platforms through workshops, seminars and conferences and during the evaluation of the project work of the students.

A Career Development and Placement Cell have been formed on the campus in order to facilitate industry interactions and placements. During the annual Career Fair, industry owners and experts are invited for lectures/interaction on career planning with the students.

Industry and IT experts are regularly invited for lectures /interaction with the students in the institution to give them guidance on career planning and entrepreneurship.

**2. Institute - Research Body /University interaction:** Eminent Professors, Scientists from different Universities, Industry and Research Institutes of National repute are the PGBOS members of the PG Departments. Some of them are directly associated with teaching and evaluation processes as Guest faculty. The college is consistently maintaining this linkage for last 10 years or more.

To enhance the contribution to nation-building, the UG and PG departments in our college have entered into state/national /international level linkages with bodies like Bose Institute, IACS, IICB, ISI, CU, WBSU, JU, KU . Our Faculty members are now working as co- guide for the guidance of scholars jointly with University Teachers.

In interdisciplinary subjects like Food and Nutrition and Microbiology, students visit the industry and research Institute as the part of their curriculum and do their project work in different Research Institutes, Industries, R&D of many Hospitals and Diagnostic and thus Industry Institution linkage is maintained.

**Table No 1.1.5**

Department	Percentage of students undertaken project outside campus
Microbiology	70%
Commerce	20%
Computer Science	20%
Food and nutrition	20%

### 1.1.6 Contribution of the Institution and Staff to the Development of Curriculum by the University

Since this is an affiliated college, we have to follow the syllabus given to us by the concerned Board of Studies of the University. Our faculty members of almost all departments were nominated by the University to its curriculum framing committees. They have rendered meaningful service in making the curriculum industry-relevant.

**Table No 1.1.6 Teacher Participation in Curriculum Framing Committees**

Sl. No.	Teacher Participation in Various Bodies during last 4 years	Number/ stratum
1.	Participation in Academic bodies (BOS)	40
2.	Participation in Research committees	10
3.	Participation in Syllabus revision	All available faculty members
<b>Total</b>		Very Significant

The role of our faculty in designing the curriculum of the autonomous PG courses in Microbiology, Computer Science, Commerce, Food and Nutrition and Geography has been to go through all the stages beginning with **Need of the industries, Recent trends in Research**, collecting **feedback from stakeholders**, development of information database, and ending with communication of this information from the appropriate nominees from University, Industry and other experts in the extended Board of Studies meeting for inclusion and revision in the syllabus.

### 1.1.7 Development of Curriculum for Courses Offered (other than those under the Purview of the Affiliating University):

The Institution has developed curricula for six autonomous post graduate courses, add-on Certificate Courses sanctioned and sponsored by UGC such as Career Oriented Courses (COC), Computer Aided Accounting & Taxation (CAAT), Foreign Trade Management with Logistics & e-Commerce (FTM) and Career Oriented Soft Skills (COSS).

#### **The Process of Curriculum Development:**

- 1. Need Assessment:** Need analysis is done before the choice of the programme. This is done by taking into consideration the feedback from stakeholders and the need of the society.
- 2. Design of Curriculum:** The design of curriculum for autonomous PG course is done by an Expert Committee comprising of Departmental Chairperson and other faculty members, experts from industry, research institute and University. If the course is inter-disciplinary, Heads of departments and experts from all the departments concerned will be the members of the committee. The designing part was done after **Consultation of syllabus of different universities of India and abroad and Formulation of a draft syllabus after** making a thorough evaluative



study of the content and design of similar programmes offered by various other Universities at national /international level. Suggestions from the experts are accumulated within the draft syllabus. Curriculum of the NET/ SET examination is also taken in consideration. Entire curriculum is divided in four semesters with 100 credit point.

In respect of the add on courses, the design of curriculum is done by an Expert Committee comprising of faculty members, experts from industry, members of the career development cell and a dedicated BOS.

**3. Development and Planning:** While designing Autonomous PG Curriculum the needs and objectives of the target group are given focus. Focus is set on the objectives pre-determined for the programme as well as the objective of the institution. Duration of the Programme, Credit of the topic, credit hours of contact teaching based on the Credit System (or CBCS), Courses (Theory as well as Practical) offered, Projects or internships if any. Mode of assessment and Learning Outcome of the PG departments were also decided by the respective BOS and Faculty Council.

Apart from the University affiliated UG and PG degrees, the college has provisions also for **some Add-on/ Enrichment courses for which it has designed valid curricula**. Three of them are UGC aided and University affiliated, **One Year Diploma/ Certificate Courses** with curricula prepared by our faculty members and experts in the related field in the extended BOS meeting considering the **Need Assessment, Design of Curriculum, and Development and Planning**, approved by the Governing Body. The Add-on courses are so designed that the students could participate as horizontal growth. For example the COSS, CAAT and CEL courses are encouraged to the students of the final year students as finishing school model.

#### **1.1.8 Institutional Analysis to Ensure the Achievement of Stated Objectives of Curriculum in the Course of Implementation**

**Achievements of Objectives:** An Academic Calendar along with the teaching plan is given to the students as well as the teachers at the beginning of the course. Each department plans a series of activities through the **Departmental Meetings**, which will complement the syllabus and help the students achieve the objectives of the programme.

**Mode of delivery of Curriculum:** Use of ICT in class rooms exposes students to a world beyond the syllabus. Virtual classrooms, direct interaction with the scientists of research institute both for theory and practical etc play an important role in curriculum delivery in this institution.

**Assessment pattern:** A number of modes of assessment are formulated by the faculty in order to ensure that the stated objectives are achieved (Class Test, Quiz, G.D., Assignments, Posters, Power point presentations, Seminars etc., by the students).

Outside-the-classroom involvement student clubs (SAAGNIK), participation in sports and games, teacher day celebrations, intra-college competitions are also promoting participative and competitive spirit amongst the students.

Further, involvement in co-curricular programmes has been a successful strategy to help students blend their learning objectives with the institution's educational goals. Evaluation process of the students is done through internal assessment and examinations. Students' achievements in numerous events within and outside the campus, the numerous placements and offers they receive ensure that the objectives are met. The feedback from the students enables faculty to improve the curriculum delivery and professional skills. An extra hour has also been introduced to incorporate the Add-on and certificate courses to help them achieve the objectives.



## 1.2 Academic Flexibility

### 1.2.1 Details of the Certificate/Diploma /Skill Development Courses etc., Offered by the Institution

#### Goals and Objectives of the Certificate/Diploma /Skill Development Courses:

Quest for excellence

Global level competency, employability and Self development

Bonds between the world of work and the world of learning

National development and community service with due respect for nature and environment

#### Details of courses:

We have three UGC aided and University affiliated and two- Add-on Certificate courses of one year duration.

**Table No.1.2.1 Vocational & Enrichment Certificate Programmes introduced between 2009-12:**

Sl. No	Course	Coordinating Department	Beneficiaries
1	Career Oriented Soft Skill (COSS) (UGC Add-On Course)	Centre for Career Development	3 <sup>rd</sup> year outgoing college students
2	Computer Aided Accounting and Taxation (CAAT) (UGC Add-On Course)	Centre for Career Development	In house and external students
3	Foreign Trade Management with Logistics and e -Commerce (FTM) (UGC Add-On Course)	Centre for Career Development	In house and external students
4	Computer Literacy Programme (CLP)	Centre for Career Development	College and society students
5	Course in Aptitude and Soft skill Development (CASD)	Centre for Career Development	College and society students

In addition to the above, the Career Development and Placement Cell of the college arrange regular coaching classes for the following job oriented competitive examinations:

Coaching for NET/ SET Examinations

Coaching School Service Commission Examinations

Coaching Bank Clerical and PO Examinations

Coaching PSC and other competitive examinations

Common Proficiency Test of the Institute of Chartered Accountants (CPT)

### 1.2.2 Programmes that Facilitate Twinning/Dual Degree

The affiliating University provides permission to the students with the flexibility of combining the conventional face to face and distance mode of education for students to choose courses/combinations of their choice. As a result, a number of students of the commerce stream are pursuing parallel Intermediate course of CA, ICWA, CS and other courses of IGNOU, thus facilitating in Twinning / Dual degree.

### 1.2.3 Academic Flexibility, Mobility, Skill Development, Progression to Higher Studies and Employability:

With reference to academic flexibility, college provides sufficient choices to the students for taking different combination of subjects in UG. It is even extended in the interdisciplinary mode e.g. Film Study a subject of the science group is allowed to



the Humanities students. **Learning of the subject Film Study, a subject of the general course of science group**, even extends a number of Humanities student to study the PG level with that specialization. The academic and professional training offered by the institution benefit the students in terms of skill development, **academic mobility, and progression to higher studies and improve potential for employability.**

The time-table some time is reframed to accommodate classes to conduct career oriented programme and soft skill development.

Seminars (national/international), workshops, extension lectures and innovations in curriculum delivery like the use of ICT in class rooms, virtual classroom instill in the students a desire to pursue higher studies. ~60% of our UG students progress to higher studies. As a result of the training for employability and campus recruitment drives conducted by the Career Development and Placement Cell, ~20% of students get employed right after the completion of the degree, through campus selection.

**Table 1.2.3 UG Courses Offered**

<b>B.Sc.(Honours &amp; General)</b>	<b>B.A.( Honours &amp; General )</b>	<b>B.Com. (Honours)</b>	<b>MANAGEMENT (Hons.)</b>
1. Chemistry	1. Bengali	1. Finance & Accounts	Bachelor of Business Administration (BBA)
2. Physics	2. English	2. Marketing	
3. Mathematics	3. Hindi		
4. Microbiology	4. History		
5. Computer science	5. Political Science		
6. Electronic Science	6. Education		
7. Economics	7. Philosophy		
8. Geography	8. Journalism & Mass Communication		
9. Psychology	9. Sociology		
10. Food & Nutrition	10. Flim Studied		
11. Zoology	11. Physical Education		
12. Botany	12. Urdu		



a) Range of Honours/Elective options opted by the college from the University  
list: Table 1.2.3a

<b>BNGA</b>	01	HISG	EDCG	<b>PHSA</b>	37	CEMG	MTMG
	02	HISG	PHIG	<b>CEMA</b>	38	PHSG	MTMG
	03	EDCG	PHIG	<b>MTMA</b>	39	CEMG	PHSG
	18	JORG	FMSG		82	PHSG	STSG
					97	PLSG	STSG
<b>ENGA</b>	05	PHIG	EDCG	<b>GEOA</b>	41	ECOG	STSG
	07	HISG	EDCG		42	ECOG	PLSG
	09	JORG	FMSG	<b>MCBA</b>	69	ZOOG	CEMG
<b>HINA</b>	12	PHIG	EDCG	<b>CMSA</b>	44	PHSG	MTMG
	70	EDCG	JORG	<b>ELTA</b>	45	PHSG	MTMG
	81	EDCG	HISG	<b>EOCA</b>	46	MTMG	STSG
	98	ENGG	HISG				
<b>PLSA</b>	15	PHIG	EDCG			47	MTMG
	16	PHIG	HISG	<b>PSYA</b>	77	ECOG	PLSG
	17	EDCG	HISG		83	ECOG	ZOOG
<b>HISA</b>	19	BNGG	PLSG	<b>FNTA</b>	85	CEMG	MCBG
				<b>ZOOA</b>	86	CEMG	BOTG
	20	PLSG	JORG	<b>ACFA</b>	67	GR-I	GR-II
	21	ENGG	PLSG	<b>MRTA</b>	68	GR-I	GR-II
	71	BNGG	PHIG	<b>BBA</b>	101		
<b>PHIA</b>	23	PLSG	HISG	<b>CODE NO..</b>	<b>POSSIBLE COMBINATION(S) - GENERAL .</b>		
	24	BNGG	HISG	48	URDG	HISG	EDCG
	25	ENGG	PLSG	49	PLSG	EDCG	HISG
	36	BNGG	PLSG	50	HISG	BNGG	EDCG
				51	PHIG	EDCG	HISG
				52	URDG	PHIG	EDCG
<b>EDCA</b>	26	BNGG	PHIG	53	PHSG	CEMG	MTMG
	28	PLSG	JORG	54	COMMERCE GR-I	GR-II	GR-III
	29	ENGG	PHIG	55	PLSG	PHIG	HISG
	72	PLSG	BNGG	56	PLSG	PHIG	EDCG
				57	PLSG	JORG	EDCG
<b>JORA</b>	30	PLSG	EDCG	58	PLSG	JORG	HISG
	31	BNGG	EDCG	59	ENGG	HISG	EDCG
	33	BNGG	FMSG	62	JORG	HISG	EDCG
	34	ENGG	FMSG	63	BNGG	PHIG	EDCG
<b>SOCA</b>	13	PLSG	PHIG	64	ENGG	HISG	FMSG
	22	PLSG	EDCG	65	BNGG	HISG	FMSG
	74	PHIG	EDCG	78	HISG	HING	EDCG
	79	HING	PHIG	87	PLSG	HISG	PEDG



c) Post Graduate Degree Programme Options: The autonomous PG curriculum is designed in modular form with Choice Based Credit System. The credit accumulated in each module in 4-5 as prescribed by the PGBOS. Detailed Curriculum along with the Examination regulation is displayed in the College website. Student are communicated the special feature of the curriculum and the evaluation procedure during counseling and the introductory interaction with the department as well the Principal.

d) **PhD Programmes:** West Bengal State University has recently given permission for faculties of the College to act as independent/ co-Research Guide for Ph.D programme. PhD programmes in different subjects are expected to commence soon. Some Faculty is already functioning as Joint Supervisor for PhD programme in collaboration with other universities.

e) **Add-on Courses:** The College has provisions for 06 Add –on/ Enrichment courses, of which 3 are UGC aided and University affiliated One-year certificate courses.

1. **Career Oriented Soft Skills:** Coordinated by the Department of Communicative English, and open to the third year degree and PG students

2. Foreign Trade Management with e-Commerce: Coordinated by the Department of Commerce

3. **Computer Aided Accounts and Taxation:** Coordinated by the Department of Commerce, open to all First Year students of the college

**Interdisciplinary Courses:** All the above Add-on courses are interdisciplinary

**Flexibility for the students to move from one discipline to another:** The University exercises some restrictions in this regard. In the case of certain subjects, change of subject is possible when a student shifts from one level to another, that is, from UG to PG. For example graduate with Chemistry (Honours), Physiology can join M.Sc in Food and Nutrition if he/she has obtained minimum eligibility criteria.

**Flexible time for completion:** Though the minimum period required for the completion of a programme is fixed, a no rigid rule limits the freedom of a student to do a programme within a reasonable time frame. For example, the minimum period required for the completion of the UG degree is three years and that of PG is two years while both UG and PG degree should be completed within time frame of consecutive **5 years**.

**Enrichment Programmes:** The enrichment programmes that are provided to offer ample opportunities to learn a new skill, and add to an extra qualification. The advantage is that, they enrich the student's CV as add-on interests and skills beyond the conventional Degree Programmes. The enrichment courses offered are included in 1.2.1.

According to the Programme/Course structure of the affiliating University, Choice-based Credit-based Semester System is followed, but range of subject options is narrow. Departments like Food and Nutrition, Geography and Computer Science have already introduced CBCS while the reframing of syllabus for Microbiology and Commerce are under progress.

Courses are offered in modular form, but there is no choice between modules in courses. All modules are compulsory.

No credit transfer or accumulation of credit facility is available.

Lateral and Vertical Mobility within and across programmes in Science and Arts is not allowed at the moment, but UG students in Accountancy Honours, after completing their UG course can take admission in M.Com in either Account & Finance or Marketing. The postgraduate students in both Account and Finance can do the parallel Add-on course in CAAT and Marketing students can study Foreign Trade Management.



### 1.2.4 Admission to Self-financed Programmes:

College has a few Self-financed Programmes like BBA Honours. The course is found to be not so popular in the State. Admission mechanism is identical with other UG programme of the college. To run the self finance course a good number of the regular and permanent faculty members are utilized. Fees Structure is slightly stiff but not too high. It is because the infrastructure of the college is mostly utilized. College is now working with the organizations like Director, Employment Exchange Govt of West Bengal and Agencies connected to Foreign Exchange, Govt of India, and National Stock Exchange etc. to make the diploma courses more effective and fruitful.

### 1.2.5 Additional Skill Oriented Programmes, Relevant to Regional and Global Employment Markets:

A number of UGC sponsored skill-oriented Add-on courses are provided to equip students for regional as well as global employment markets. 06 such Certificate Programmes are conducted in this college. The details of the same, along with beneficiaries are given in 1.2.1. A significant milestone has been achieved when the college got the approval and fund from the UGC to conduct Three Career Oriented Courses – (1) Computer Aided Accounting and Taxation, (2) Foreign Trade with Logistics and e-commerce and (3) Career Oriented Soft Skills. The curriculum for all the three mentioned earlier has been sponsored by UGC and approved by West Bengal State University. Out of the three Career Oriented Courses, the curriculum of the Career Oriented Soft Skills aims to develop Interpersonal Skills, Presentation Skills, Communication Skills, Creative Problem Solving Skills, Strategic Thinking Skills, Team Building Skills, Influencing Skills, and Negotiation Skill etc.

Besides this, our Career Development and Placement Cell conduct a variety of skill development programmes and facilitates academia-industry interface. Beneficiaries of such programmes are the final year UG and PG students who are made ready for the job market.

**TCS 80-Hours on-Campus Training, Certification and Hiring Programme:** In order to empower students with Communication Skills in English, employability skills, interpersonal skills, leadership skills, organizational skills, relevant soft skills and other relevant aptitude, the college hosts an 80-Hour intensive Training, Certification and Hiring Programme for the Final Year UG Students. The Career Development Cell of the college has made the necessary liaison for coordination and conducting the training and extending logistics and infrastructural support for the same so that the Corporate Training and Exposure given to the students during the mentioned training (conducted by expert trainers from TCS) may strengthen and supplement the existing “1-Year Certificate Course in Communication Skills in English & Aptitude Development”. In addition, the TCS 80-Hours Training Programme helps to bridge the Industry-Academic Gap and the Career Development Cell also gets necessary inputs and feedback from expert trainers from the industry.

**Table 1.2.5** Detail of the beneficiaries: Students benefitted from skill oriented programme:

Year / Session	Students Enrolled	Students opting for Certification and Placement Opportunities / Beneficiaries
2009-2010	373	74
2010-2011	384	150
2011-2012	493	163
2012-2013	340	100
2013-2014	277	On-going

**Table 1.2.5a** Students benefitted from TCS 80 hrs campus training programme:

Year / Session	Date of Programme	Students Certified
2011-2012	10/01/2011 – 31/01/2012	121
2012-2013	17/12/2012 - 05/01/2013	134
2013-2014	10/12/2013 – 24/12/2013	128

### 1.2.6 Flexibility of Combining the Conventional Face to Face and Distance Mode of Education for Students to Choose Courses/ Combinations of their Choice:

The affiliating University does provide the students with the flexibility of combining the conventional face to face and distance mode of education for students to choose courses /combinations of their choice. As a result, a number of students of the commerce stream are pursuing parallel Intermediate course of CA and other courses of IGNOU. Moreover, the academic and professional training offered by the institution as a horizontal curriculum benefit the students in terms of skill development, academic mobility, and progression to higher studies and improve potential for employability.

**Note:** *as per the suggestions of the NAAC Peer team during Institutional Reaccreditation on 13-14<sup>th</sup> March, 2009, the college has introduced semester/ CBCS for PG and some of the professional courses. (CAAT,FTM)*

### 1.3 Curriculum Enrichment

#### 1.3.1 Efforts of the Institution to Supplement the University's Curriculum to Ensure that Academic Programme and Institution's Goals and Objectives are integrated

The following steps are taken by the institution to ensure that academic programmes and institutional goals are integrated:

The Add-on courses/ programmes offered to the students provide modules for employability and soft skills. The students are also trained in entrepreneurial skills through the inclusion of information on advanced technology in some fields of study.

The Institution contributes to nation building through the Service Units like NCC, NSS, and other social service oriented units like Thallassaemia Eradication Centre. The cadets of the NCC Unit under 48 Battalion have won medals and trophies on various prestigious occasions. The NSS Unit has conducted an HIV awareness program with different schools of the locality successfully.

The extension and outreach programmes includes

- ◆ The hosting of the DST INSPIRE internship program 2012 where 130 meritorious students of Class XI from this district and neighbouring districts participated under the guidance of seven mentors/experts suggested by the DST panel. College has also hosted the DST INSPIRE internship program 2011 with JBNSTS, Kolkata jointly where 125 meritorious students of Class XI from this district and neighbouring districts participated under the guidance of seven mentors/experts suggested by the DST panel.
- ◆ The college also hosted Acharya Prafulla Roy district Science Exhibition cum Competition 2012 in association with Department of Youth Services, Government of West Bengal. More than 150 schools participated in this program.
- ◆ The college has participated in Thallassaemia Eradication Program organized by local clubs, schools, book fairs etc. where blood samples were collected /tested for carrier screening at the Thallassaemia Eradication Center of the college. During last four years **9000 samples have been screened and more than 20 schools'** children have been



counselled (46 working days) by the Principal and other faculty members of this college in addition to our college students.

- ◆ The project on ‘Participatory Rural Development through Biotechnology and other Agro-based Technology’ which was initiated by the Department of Microbiology has led to the development of a bio-fertilizer that has been tested successfully on the agricultural and medicinal plants in the campus.
- ◆ Water-Testing for the detection of microbial contamination in municipality water was conducted by the same department.

### **1.3.2 Efforts made by the Institution to Modify, Enrich and Organize the Curriculum to Reflect the Student’s Experiences and to Cater to the Needs of the Dynamic Employment Market:**

The curriculum given by the University is enhanced by imparting it through techniques like debates, lectures, discussions, projects, course studies and simulations.

Student participation in a broad range of field activities, including community service, and internships in business, industry or government as part of their coursework empowers and enables them to meet the challenges of professional life. For example the students of Food & Nutrition department did the survey work on different community as well as sports personnel of our college to study their life style, food pattern and preferences, mal nutrition related problems etc. They also conducted income generated programme, and health and nutrition education programme and thus raised an immense scope to help the health workers of government / non government organizations to develop specific programme for vulnerable sections of the society. The Curriculum enrichment carried out also addresses the issue of the needs of the employment market.

The Add-on course content imparted by the institution is the most important of these steps.

The Film Studies course has enabled many of our students to participate in various off campus competitions in film –making and documentaries, and to progress to the level of professionals in the field.

### **1.3.3 Institutional effort for Integration of Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the Curriculum:**

Institution has strong effort for ‘Gender Sensitization. It is operating through WDC and *Equal Opportunities* programme. A Workshop on ‘Gender Sensitization’ and a Seminar on ‘Emerging Dimensions on Gender Issues, with a special focus on Transgender Rights’ were conducted as part of *Equal Opportunities* UGC XIth plan Merged Scheme. These workshops support integration of gender into the curriculum. A proposal for Sensitization and Motivation program on ‘Women Managers in Higher Education’ – a 5-day SAM workshop has been submitted to UGC. The Women Development Cell is working jointly with the Equal Opportunity Cell in this respect.

Workshop and competition of the students related to Mock Parliament as conducted by the Dept of Youth Welfare Govt of West Bengal develops a concept of Human Rights amongst them.

**Climate Change and Environmental Education:** The college boasts of two beautiful lush green campuses. The students are constantly reminded of their responsibility to preserve it. The Earn and Learn program has enabled the students to engage themselves in activities such as campus cleaning and gardening. The slogan, “**Green Campus, Clean Campus**” will linger in the mind and heart of every student who happens to be educated in the campus and thus became a part of the curriculum..



**Environmental Awareness programmes:** Environmental Study has been introduced in UG curriculum. Also, the NSS of our college aware the students about the bad effects of plastic and motivate the students, teachers and staff to keep the campuses plastic free. In addition, in the PG Curriculum of Laboratory based subjects, some practical has been introduced in relation to the measurement of Environmental Parameters.

**ICT:** ICT has become an integral part of delivery of knowledge and information in this institution. Every department is provided with computers and internet connectivity and LCD's to some departments.

Digital libraries, documentaries, short films, and power point presentations are some of the efforts of the institution to disseminate knowledge.

### 1.3.4 Value-added Courses /Enrichment Programmes Offered to Ensure Holistic Development of Students:

The college has set up 'BRS College Centre for Career Development' in order to impart Value-added Education. The center undertakes the responsibility to equip the students and make them capable of facing the competitive job market effectively. With this end in view, the centre has introduced a series of courses for horizontal progression of the students. A Career Corner has been developed by the college which is approved by the Government of West Bengal. Courses offered are:

- Computer Literacy Program (CLP)
- Course in Communicative English (CCE)
- Course in Aptitude and Soft Skill Development (CASD)
- Coaching for School Service Examination (SSC)
- Coaching for Rail, Bank, PSC and other miscellaneous services
- Free Coaching for SC/ST/OBC (non-creamy layer) /Minorities under UGC merged scheme – areas are Rail, Bank, PSC, Remedial coaching, NET, SLET, Program for Equal Opportunity

**Annual Career Fair for Better Career Options:** Our Career Development and Placement Cell do the essential research needed in this regard and organises 'a three Day Programme' of Career Fair in the month of December every year for the wide spread opening of the Career of all group of students. Expert in different field both from industry, Service commission and Professional Higher Educational institutions are interacting during the sessions for necessary suggestion & training and available jobs can finally land in.

- The Communicative English course ensures the acquisition of English language skills for employment.
- Students of the Journalism and Sociology department contribute articles and work as columnists for the Departmental publication, 'Batayan' and 'Prayash'
- Career development Cell arranges year- long coaching schemes for all advertised posts particularly for the large scale opening in offices of banks and other establishments. Professional trainers are hired for this purpose every year.
- The Centre and departments have year-long coaching schemes for NET examinations.
- Career information Fairs and Seminars by experts drawn from various domains form another source by which we inform and enlighten our students on various career opportunities open to them

**Community Orientation:** By establishing and maintaining strong partnerships, this institution has turned itself into a strong and positive voice and support for the community. Dept. of Sociology, Economics and Food & Nutrition take some project which can ensure some holistic development of the students.

The college has a number of units with fixed number of hours working for the community like NCC and NSS. They have organised Blood Donation Camp,



Campaigned for Detection of Carrier of Thallassaemia, celebration of 1<sup>ST</sup> Dec of each year as Anti- HIV Campaign and Awareness Day.

### 1.3.5 Use of the Feedback from Stakeholders in Enriching the Curriculum:

The syllabus of the UG level is designed and developed by the University to which this institution is affiliated. However, many of our faculties are members of Board of Studies of various departments and are connected with the framing and revision of the syllabus and they actively participate in the proceedings of the syllabus framing bodies and make significant contributions.

Introduction of project work in the syllabus of final year Economics and Computer Science and Commerce Honours are the new inclusion with the **views and interests of the various stakeholders connected like employer segments of the society, the alumnae.**

**Feedback from Employers of our Alumnae** provide us with sufficient input regarding their strengths and weaknesses, which in turn helps the institution to provide facilities for acquiring additional skills to our present students.

For example, we have introduced a compulsory component of Computational Accounting into the Commerce and Management undergraduate programme and a compulsory Add-on programme in Communicative English to the third year students.

### 1.3.6 Institutional Monitoring and Evaluating the Quality of Enrichment Programmes

The quality of the enrichment programmes is monitored by the relevant Bodies comprising of in-house faculty and subject experts from the industry and overseen by IQAC periodically by checking the regularity of student attendance and participation. The assessment is made analyzing the feedback.

The college has established a Career Development & Placement Cell which provides career grooming to the students and helps the students to find a job. This Cell arranges campus interviews for the students with Cognizant Technology Solution, Indian Army (Office cadre), Wipro, Pharma Industry, ICICI (Prudential), Electro Steel, Heritage Institute of Technology etc. and the success rate of placement is encouraging. **More than 40% of the students of the final year of the UG level enrolled in Career Development Cell have got placement in the last four years.**

## 1.4 Feedback System

### 1.4.1 Institutional Contribution to the Design and Development of Curriculum prepared by the University

A good number of teachers of this institution, who are members of the Board of Studies in the University, play a very active role in framing the syllabi of the UG courses of the University. Opinions regarding the curriculum received in feedback from different stakeholders is thoroughly discussed in the Departmental meeting, Academic Sub Committee, and communicated to university through these Board of Studies members. Institution also contributes by holding workshops on design in examination structuring, syllabus revision etc.

Autonomous PG curriculums are framed and revised in the PG Board of Studies meeting after the discussion on the draft syllabus. Introduction of a cutting edge subject **“Research Methodology and case study based on Contemporary Issues”** have been introduced in different PG programme from 2009-10 onward. **“Bio Ethics and Intellectual property rights”** have been introduced in Microbiology PG course. PG Board of Studies meeting of different PG curriculum have also framed the learning outcome of the courses as per requirements of the quality Job, research aptitude, entrepreneurship and innovation.



### 1.4.2 Mechanism for Feedback and Communication of Stakeholder Feedback on Curriculum to the University

This institution has a system of obtaining feedback from all kinds of stakeholders on all parameters. Feed back is received from the parents during the meeting of the Parent Teacher interaction, interaction with the recruiting agencies, HR from different big house. Feedback received from the students after career counselling were also studied. The feedbacks thus obtained are well discussed and then sometime is communicated to the University through our faculty who are members in Board of Studies. Feedback regarding other developments issues is implemented after discussion in IQAC meeting.

### 1.4.3 Courses Introduced by the Institution during the Last Four Years Rationality in Introducing a New Course

While choosing programmes institutional goals and objectives are kept in mind. Moreover, the recommendations of the peer team were also considered. Value added cutting edge courses and UG and PG courses of demand were considered.

**Table No 1.4.3 New Courses Introduced**

Sl. No	Course/ Subject	Coordinating Department	Year of Commencement
1.	B.A. General in subject URDU	Urdu	2013
2.	B.A. General in subject Physical Education	Physical Education	2012
3.	B.Sc Honours course in Zoology	Zoology	2009
4.	Botany as a subject in B.Sc courses.	Botany	2009
5.	M.Sc Geography	Geography	2009
6.	M.Sc Food & Nutrition	Food & Nutrition	2010
7.	Career Oriented Soft Skill (COSS) (UGC Add-On Course)	Centre for Career Development	2012
8.	Computer Aided Accounting and Taxation (CAAT) (UGC Add-On Course)	Centre for Career Development	2012
9.	Foreign Trade Management with Logistics and e -Commerce (FTM) (UGC Add-On Course)	Centre for Career Development	2012
10.	Computer Literacy Programme (CLP)	Centre for Career Development	2009
11.	Course in Aptitude and Soft skill Development (CASD)	Centre for Career Development	2008-09



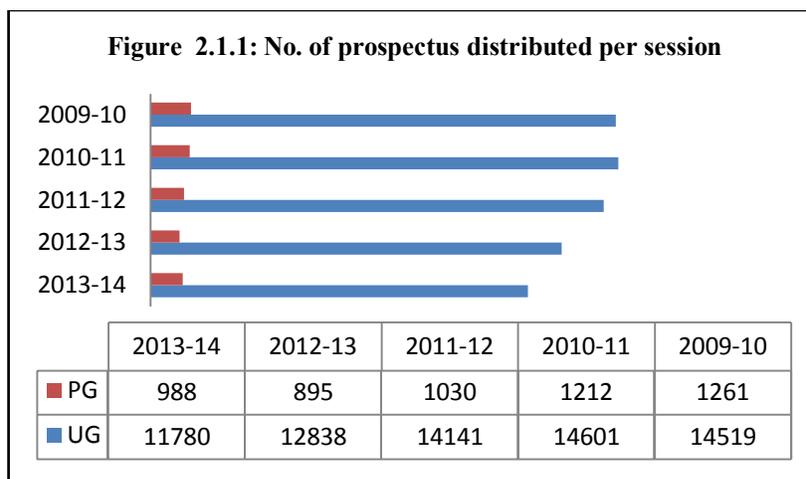
## CRITERION II

### Teaching-Learning and Evaluation

#### 2.1 Student Enrolment and Profile

##### 2.1.1 Publicity and Transparency in the Admission Process

The institution ensures wide publicity to the admission process through **printed admission rules and prospectus** which are distributed to the applicants during the time of admission. Distribution of prospectus for the last five years is given below:



The above figure indicates a minor change in the number of prospectus distributed per session. This is due to online availability of admission forms and more subject specific orientation among the students which is reflected in the slightly downward trend in the distribution of the prospectus. Our newly formed affiliating university in its nascent stage has been able to develop such orientation. However, the college reputation is able to maintain its high demand ratio (Table No. 2.1.6).

The members of the admission committee consisting of teachers, non-teaching staff and representatives of the students' union frame the admission rules in details.

The institution promotes **openness** by publishing updated information through **institutional website**.

A **public notice** is displayed online and offline to inform all the stakeholders about the admission rules, eligibility criteria, intake capacity of each dept., reservation policy according to the Govt. rules, dates of issue and submission of admission forms, dates of publication of merit list, dates of counselling and dates of admission.

The admission rules and the application forms for admission are given in the college website [[www.brsnc.com](http://www.brsnc.com) (up to May 2010) / [www.brsnc.org](http://www.brsnc.org) (till date)]. The students can **download the application form** and can submit the same with the requisite fee at college premises. This eases the problem of queuing.

**The process is completely online for PG admission.**

- Advertisement in leading Newspapers such as **The Statesman** was given on 28.05.2009 (Ref. No. 607/09/Adv/31) for admission to various undergraduate courses of B.A /B.Sc./B.Com. /B.B.A. both for Honours and general Degree programmes.
- Admission notification was published in the English daily **The Statesman** on 08.07.2009 for PG Courses of M.Sc. in Microbiology, Computer Science,



Geography and M.Com. (Accounts & Finance, Marketing) (Ref. No.295/09/ADV/31 ).

- Admission notification for PG Courses of M.Sc. in Microbiology, Computer Science, Geography, Food & Nutrition, M.Com. (Finance & Accounts, Marketing) was published in the Bengali daily the **Ananda Bazar Patrika** on 12.07.2010.
- Advertisements were given in the Bengali Daily the **Ananda Bazar Patrika** for the admission to the PG courses of M.Sc. in Microbiology, Computer Science, Geography, Food & Nutrition and M.Com. in (Accounts and Finance, Marketing) on 25.07.2011(Ref. No. 41/11/ADV/31) & 13.07.2012 ( Ref. No. 21/12/ADV/31) respectively.
- Admission notification for UGC Sponsored career oriented certificate courses like Soft skill development, Computer aided Accounting and Taxation and Foreign trade Management was given in important Newspapers on 22.02.2011 (Ref. No. 466/12/Adv/31).
- Admission notification for **IGNOU Convergence Scheme** in M.A. (English), B.A./B.Com/BSW and certificate course in Functional English was given in the local daily on 16.09.2009 (Ref, No. 464/09/Adv/31).
- Advertisement for career oriented entry level coaching for Bank/ Rail/ PSC/NET/ SET was given in local daily and through hand bills on 05.09.2011.

Thus the **institution ensures hundred percent transparency** in admission process (for details refer to 2.1.2, pp.41) since the college strictly adheres to the rules and regulations formulated by the government and the University for Aided Affiliated Colleges. The institution also follows the guidelines regarding reservations to the backward classes unfailingly. The admission rules, latest admission position etc. are regularly submitted to the following regulating authorities for their information and intervention, if necessary:

1. The DPI, Govt. Of West Bengal,
2. BCW Dept., Govt. Of West Bengal,
3. West Bengal State University,

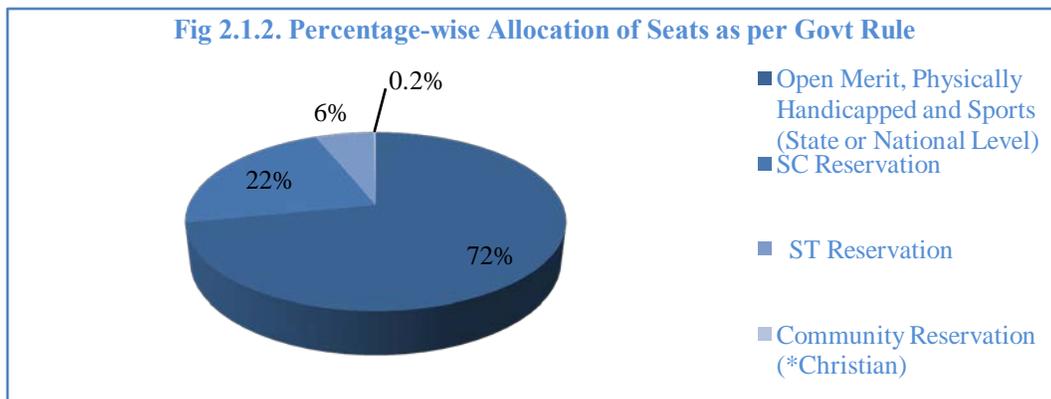
**The same is also displayed with regular updates on the college websites.**

### **2.1.2 Criteria Adopted and Process of Admission:**

**i) UG Admissions:** The admission is strictly made on the basis of merit. The admission process is carried out keeping in mind principles of justice, equity and inclusiveness by adhering to the Government and University norms. The percentage-wise (including reservation) allocation of seats is shown in figure 2.1.2. The allocation of seats adheres strictly with the guidelines laid down by the State as well as Central Government. Since the college has received the campus for arts & commerce from the Wesleylian Methodist Church of North India, as a mark of gratitude and MOU, the college accommodates maximum 10 seats for the Christian candidates recommended by the Church authority.



Practically the Church authority rarely recommends for the vacancies.



The criteria for selection for both Under Graduate Admission & Post Graduate Admission have been illustrated in detail in section 12 of College Profile [Page 11](#).

**ii) PG Admissions:** The key criterion for admission to PG courses is the percentage of marks obtained in the relevant Honours subject at the qualifying degree examinations. From the session 2012-13, West Bengal State Council of Higher Education made a directive for PG admission on 60:40 ratio, where 60% admission from Home University directly on merit basis and rest 40% from the other universities through an entrance test along with due weightage to their university marks. The directive has fixed a minimum eligibility for admission to PG programmes with usual relaxations for backward class students similar to UG admission.

Admission Forms are **received and submitted online**. Faculty Council prepares the admission schedule along with the date of Examination and setting up of Question papers. The PG faculty members invigilate the examination and evaluate the answer scripts maintaining the secrecy of the exam. Each PG department prepares the list of students strictly according to merit point (with giving due weightage to university results and scores of admission test in 60: 40 ratio) and it is displayed on the **public notice board and website**. Two separate lists are prepared i) one for the Home University Students ii) another for the other University Students. Observance and maintenance of **reservation policy** according to Govt. of West Bengal are maintained for both the categories separately. All other procedures are similar to UG admission.

**Table 2.1.2a No. of seats for PG**

Sl. No.	PROGRAMS	No. of seats
1.	Microbiology	30
2.	Computer Science	35
3.	Food & Nutrition	30
4.	Geography	30
5.	Accounts, Finance & Control	40
6.	Marketing Management	40

**Mandatory Counseling:** The admission committees for the UG and faculty council for the PG prepare a merit list for different subjects at the UG and PG levels. For transparency the merit list is displayed on the college notice board, and the college website ([www.brsnc.org](http://www.brsnc.org)). On the date of publication of merit list the dates and time of counseling for admission to different subjects are displayed informing the students about the fee structure and the requisite documents to be produced at the time of admission, (List of counselling days recorded in 5.1.8) . As per the structured time-table of counseling, admission is done by the members of the admission committee in the presence of parents, students and the



representatives of the students' union. During the process of counseling the faculty members communicate about the vision, mission, learning objective and outcomes of the subject. On this basis, the students may choose the course subject to the merit list.

In addition to regular courses, the college conducts the following courses, some of which are UGC recognized, and the criteria of admission for the courses are as follows:

**Table 2.1.2b Certificate & Diploma Courses**

Course	Min. Qualification	No. of students
Course in Communicative English (CCE)	Studentship of the college	350-400
Computer Literacy Programme (CLP)	No bar	50
Course in Aptitude & Soft Skill development (CASD)	Studentship of the college	350-400
Career Oriented Soft Skill	10+2	20
Computer Aided Accounts & Taxation	10+2	20
Foreign Trade & Logistics with e-Commerce	10+2	20
Course in Computers 'O' level	10+2	40
'A' level (PGDSE)	Graduate / 'O' level pass	20

**Table 2.1.2c Partner Institute of IGNOU (Distant Education)**

COURSE	Min. Qualification	NO. OF STUDENTS
BA (UG)	10+2	ODL*
B Com (UG)	10+2	ODL*
BSW (UG)	10+2	ODL*
Education (PG)	Graduate	ODL*
English (PG)	Graduate	ODL*
Functional English (Certificate)	10+2	ODL*

\* Open and Distance Learning

The entire transparent admission process of the institution is carried out through the following mechanism which is well accepted by the society:

- 1 The admission committee is constituted of the members of the Governing Body, IQAC, teaching and non-teaching staff and the representatives of the students' union subject to approval of the Governing Body.
- 2 The **Admission Committee** frames **Admission criteria** based on the **guidelines of the West Bengal State University**. The rules framed by the admission committee are distributed to each faculty member, office staff and applicants in the printed form. Wide circulations of admission rules are also displayed on the Notice Board and uploaded in the College Website. Advertisement for the PG admission is published in the leading newspapers (both Bengali and English).
- 3 Distribution of prospectus to the intending candidates and their guardians.
- 4 Each applicant is given the signed receipt [counter foil of admission form bearing the number of the form with date of submission duly stamped by the college.] This is done to ensure that if by mistake his/her name does not appear in the merit list, he/she can produce the counterfoil to include his/her name in the merit list.
- 5 Checking and verification of the submitted forms by the members of the admission committee.
- 6 A Merit List of students is published on the scheduled date for counselling.
- 7 Merit list along with merit point is displayed on the **public notice board and**



**website.** During the entire process, **website is regularly updated to inform applicants of the latest developments.**

- 8 Counselling of students by the faculty members of the respective departments and the admission committee of the college.
- 9 Observance and maintenance of **reservation policy** according to rules of the Govt. of West Bengal.
- 10 Reports of admission are sent to the Govt. of West Bengal and BCW Dept. and University authority.

### 2.1.3 Minimum and Maximum Percentage of Marks for Admission in Comparison with Other Colleges:

College is maintaining a detail record of the Minimum and Maximum Percentage of Marks for Admission and submits to the DPI office annually. Best of our knowledge, this record submission is rarely maintained by the nearby colleges. **So, it is difficult to collect and submit such comparative data.** However, demand ratio, students' entry from nearby districts and feedback from the stakeholders indicate that college as a leading and pioneer college of the state is receiving a good number of students with high percentage of marks from its subdivision and district as well as from the other parts of the state both in the UG and PG levels. 35% of the PG students are coming from other Universities.

**Table 2.1.3: Maximum and Minimum Percentage of Marks for Admission Undergraduate Programmes**

Sl. No.	Programme	2012-13		2011-12		2010-11		2009-10	
		Max %	Min. %	Max %	Min. %	Max %	Min. %	Max %	Min. %
1	Bengali	79	52 (UR) 43 (R)	79.6	52.4 (UR) 42.8 (R)	78.8	58.3 (UR) 51.4 (R)	86.5	69.5 (UR) 67.75 (R)
2	English	87	74 (UR) 65 (R)	88.8	57.4	90.2	72.8	87.4	68.0
3	Hindi	72	57 (UR) 48 (R)	81.4	57.6	76.8	56.2 (UR) 36.6 (R)	83.5	57.0
4	Journalism & Mass Communication	76	52 (UR) 47 (R)	78.8	52.8 (UR) 47.6 (R)	79.2	50.0 (UR)	82.0	71.5 (UR) 54.5 (R)
5	Philosophy	82	54	82.4	54.0	69.0	50.0	86.5	59.75 (UR) 54.5 (R)
6	Political Science	76	59 (UR) 53 (R)	81.2	50.0	78.4	50.0	77.5	49.75 (R)
7	History	76	56 (UR) 55 (R)	69	55.8	77	55.7 (UR)	82.5	56.0 (UR)
8	Education	75	63 (UR) 46 (R)	69.2	54.8	79	62.4 (UR)	82.0	62.25 (UR) 44.2 (R)
9	Sociology	70	50 (UR) 45 (R)	86.0	49.8 (R)	77.25	55.75 (UR)	78.5	55.25 (UR) 52.75 (R)
10	Physics	86	65 (UR) 57 (R)	93.6	61.6 (UR) 53.16 (R)	91.25	68.6 (UR) 51.66 (R)	95.0	67.83
11	Chemistry	91	65	87.3	64.83	85.83	66.5	91.1	71.5 (UR)



									70.25 (R)
12	Mathematics	87	80 (UR) 68 (R)	91.0	62.4(UR) 56.4 (R)	93.6	62.4	88.0	68.75
13	Microbiology	92	80 (UR) 65 (R)	91.6	76.8 (UR) 60.2 (R)	86	79.8	90.7	70.0
14	Computer Sc.	85	70 (UR) 65 (R)	90.3	67.8	91.0	73.6 (UR) 67.75 (R)	90.5	69.0 (UR) 54.0 (R)
15	Psychology	88	61 (UR) 53 (R)	79.3	61.0 (UR) 60.3 (R)	87.5	66.3 (UR) 62.0 (R)	81.2	52.6
16	Geography	80	61 (UR) 52 (R)	84.67	59.5	83.25	59.5 (UR)	87.6	74@ 81.2(UR )
17	Economics	73	50 (UR) 40 (R)	70.2	49.8 (R)	90.5	59.3	84.5	62.25
18	Electronic Sc.	81	53	86.2	58.0	77.0	51.3	89.7	65.75 (UR) 63.0 (R)
19	Food & Nutrition	82	67 (UR) 62 (R)	82.33	67.2 (UR) 52.0 (R)	85.3	66.3	86.5	69.0
20	Zoology	75	50 (UR) 48 (R)	92.2	50.0 (UR) 45.5 (R)	85.8	67.6	-	-
21	Accounts & Finance(3A)	88	62 (UR) 35 (R)	90.6	55.0	91.4	65.0 (UR) 52.2 (R)	83.8	68.4 (UR) 44.4 (R)
22	Marketing(3B)	85	50 (UR) 43 (R)	87.4	50.0	82.5	51.5 (UR) 61.5 (R)	95.0	57.5 (UR) 51.75 (R)
23	B.A. (Gen.)	76	39.5 (UR) 38 (R)	72.5	39.25 (R)	71.5 (UR)	71.5 (UR)	71.0	58.75
24	B.SC (Gen.)	73	45.5	70.75	59.25 (UR)	70.25 (R)	70.25 (R)	72.75	47.0
25	B.COM (Gen.)	79	42 (UR) 33 (R)	82.75	33.3 (R)	78.0	40.0	82.2	43.0 (UR) 36.75 (R)

### Postgraduate Programmes

Sl. No.	Programme	2012-13		2011-12		2010-11		2009-10	
		Ma x %	Min. %	Max %	Min. %	Ma x %	Min. %	Max %	Min. %
1	Micro-Biology	69	50 (UR) 49 (R)	78.8	59.78 (UR) 52.76 (R)	70.0	51.38 (UR) 46.5 (R)	70.4	59.3 (UR) 54.9 (R)
2	Computer Science	70	62 (UR) 47 (R)	74.0	51.9 (UR) 47.36 (R)	68.9	61.1 (UR) 45.25 (R)	69.1	65.1 (UR) 52.1 (R)
3	Commerce (Accounts, Finance & Control)	70	45 (UR) 42 (R)	66.9	43.88	66.9	43.88	64.0	46.1 (UR) 44.6 (R)
4	Commerce (Marketing)	69	48 (UR) 45 (R)	64.3	45.3	64.3	45.3	64.3	45.3



5	Geography	62	54 (UR) 40 (R)	62.6 3	54.25 (R)	64.0	47.75 (R)	57.8	54.0 (UR) 44.75 (R)
6	Food & Nutrition	80	61	68.5	60.0	66.4	60.0	-	-

#### 2.1.4 Mechanism in the Institution to Review the Admission Process and Student Profiles and its outcome:

There is a mechanism to review the admission process and students profiles annually. Every year, a meeting of the admission committee is held prior to the beginning of the admission process. During the ongoing admission process there are regular meetings of the admission committee to review the progress of the admission process. Suggestions of the committee members are implemented if required. The committee also takes into consideration the profile of the students and ensures the maintenance of diversity and inclusion. Student profiles are maintained and reviewed through collection of biographic information through the admission forms. The data (gender, caste, religion, economic status, disability status) on the profile are documented in the annual report submitted to the Government of West Bengal.

**Outcome:** One significant suggestion that came up during the past meetings of admission committee 2011 was the introduction of **online application form**, which could be downloaded in case of UG admissions and the support services of a tailor made software developed by the Cella Systems Pvt. Limited.

In the case of PG admission, introduction of **online submission** of application form was initiated since 2011 and office preserves a copy of the computer generated admission form.

During the admission process both at UG and PG level the members of the admission committee for UG and members of PG faculty council operate and review phase wise whether admissions are made in different subjects as per the merit, whether the total number of admission is in accordance with the total intake capacity, whether the admissions in reserved seats (R) are made according to the government policy, how the increasing demand for admission can be satisfied in concurrence with the university directives.

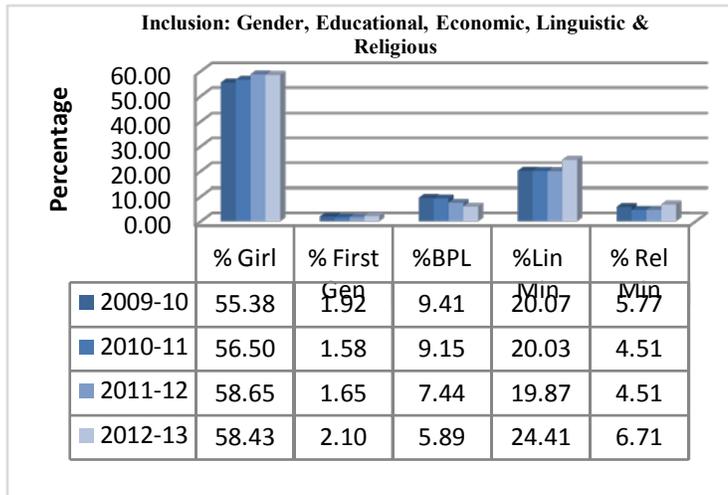
#### 2.1.5 Admission Policy of the Institution and its Student Profiles Demonstrating the National Commitment to Diversity and Inclusion:

The institution promotes access to higher education in the last five years and ensures the increasing access in the following way:

- a) With the target of increasing the access of the categories (mentioned in the SSR manual) in higher education the college has been adopting favourable strategies. For example, during the session 2009-10 total numbers of students was 4644 and it increased to 5222 in 2013-14. The figure says a clear rise of access of **12.5%** without compromising the quality. It was made with continuous growth of infrastructure and capacity building. Seats for students from disadvantaged communities are reserved as per Govt. rules. For example, 22% and 6% of the seats are for the SC and ST candidates.



**Table 2.1.4: National commitment to Diversity and inclusion**

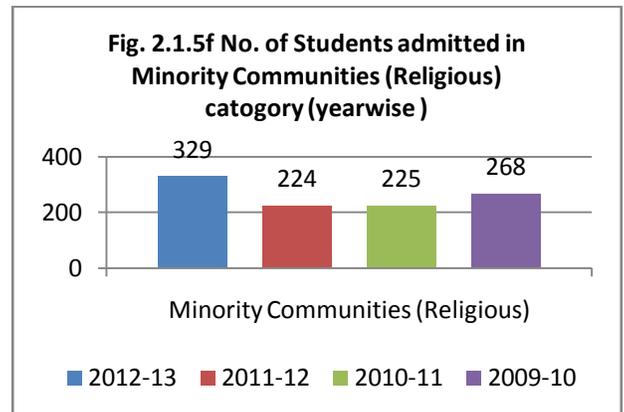
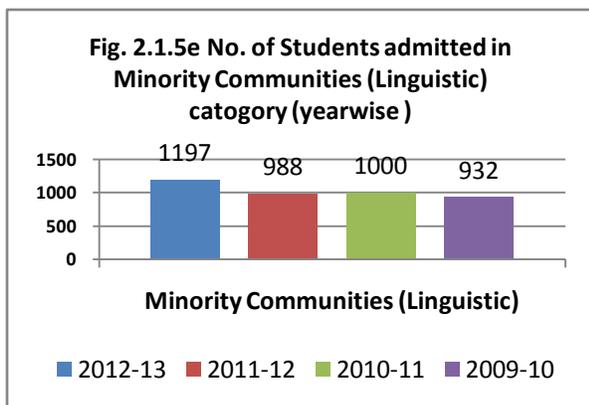
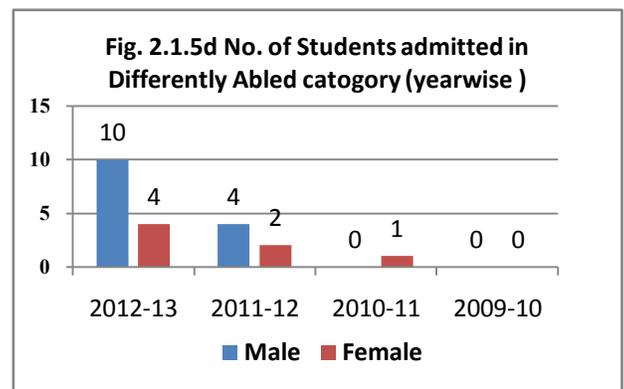
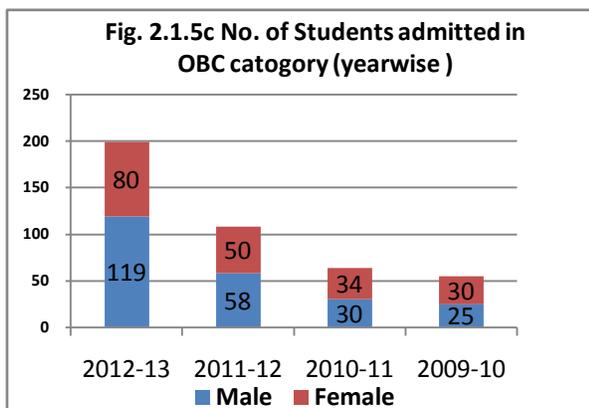
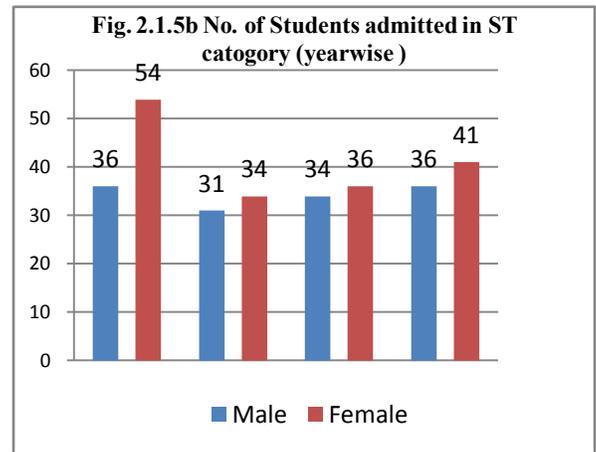
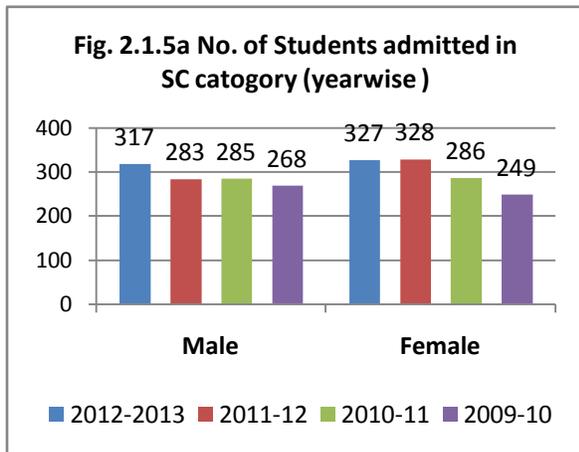


It is interesting to note that the access of the students (gender, first generation learners, linguistic minorities, religious minorities) has been increased over the years. As well as the decrease in percentage of BPL students is recorded showing overall effectiveness

of poverty alleviation programme of the Government.

- b) The percentage of women students are increasing owing to the fact that the neighbourhood is densely populated and there are a large number of girls' school in the locality which are the feeder institution for this college. The percentage of female students in our institution is gradually increasing from 55.38% in 2009-10 to 58.54 % in 2012-13; a **3.2%** increase has been recorded in the given period.
- c) **Differently abled** students (having 40% or more of disability as per the medical certificate given by district medical board of govt. health department) have been admitted subject to the fulfilment of minimum marks. They have 3% reservation as per government norms. In practice all PH candidates having 40% or more of disability are getting offer of direct admission in the General course and for Honours course as per the university norms.
- d) **Economically weaker sections** – There is no provision of relaxation of marks in case of students coming from economically weaker sections. But no student in the merit list is denied admission for **non-payment of requisite fee**. Special financial assistance is provided to this section of students from the **benevolent fund created by the teachers**. Moreover, these students are getting support from Teachers Council Fund, Students Aid Fund, Donations from Ex-Teachers and Donation from Alumni, funds from Jayanta Memorial and Matri Sangha Janakalyan Samity etc.
- e) Sports personnel – Any type of sports personnel in the category of **State level, National level and University level** is given the facility for admission in our institution subject to the fulfilment of minimum marks as per guide line of University. (The details are in section 5.1).

Our college provides financial support to weaker sections of society whose details are provided in Table 5.1. The institution is receiving financial assistance for student welfare from both state and central government. The details of government support received are in Table 5.2. The increased government assistance highlights the increased confidence of the agencies in the institutional performance.



**The above graphical representations show the year wise inclusion of weaker sections of society during the period 2009-10 to 2012-13:**

- The number of SC female candidate increase by 31% and that of male candidates increased by 18%.
- No change in the number of ST male students where as the numbers of ST female students has increased by 31%.
- Number of OBC male students increased by 336% and OBC female students increased by 167%
- Differently Abled students was only 01 in the year 2010-11 where as the numbers of Differently Abled students has increased to 10 in the year 2012-13
- Linguistic minority students of the college has enhanced by 28.5% while the Religious minority increased by 22.7%



## 2.1.6 Programmes Offered During the Last Four Years and the Trends for Increase/Decrease and Actions Initiated

**Table 2.1.6 Ratio of Number of Applications Received to Available Seats (Demand Ratio):**

Programmes	Year	Number of Applications	Number of Students Registered	Demand Ratio
<b>UG Programme</b>				
<b>Physics*</b>	2013-14	334	35	11:1
	2012-13	387	35	12:1
	2011-12	665	35	19:1
	2010-11	487	35	15:1
<b>Chemistry*</b>	2013-14	475	35	15:1
	2012-13	616	35	18:1
	2011-12	501	35	14:1
	2010-11	766	35	22:1
<b>Mathematics*</b>	2013-14	389	50	8:1
	2012-13	425	50	9:1
	2011-12	610	50	12:1
	2010-11	563	50	11:1
<b>Computer Sc.*</b>	2013-14	266	35	8:1
	2012-13	271	35	8:1
	2011-12	270	35	8:1
	2010-11	337	35	11:1
<b>Electronics*</b>	2013-14	073	30	2:1
	2012-13	116	30	4:1
	2011-12	122	30	4:1
	2010-11	131	30	4:1
<b>Microbiology*</b>	2013-14	378	35	11:1
	2012-13	387	35	11:1
	2011-12	495	35	14:1
	2010-11	476	35	14:1
<b>Geography*</b>	2013-14	676	50	14:1
	2012-13	1194	45	27:1
	2011-12	1021	40	26:1
	2010-11	1158	40	29:1
<b>Food &amp; Nutrition*</b>	2013-14	218	30	7:1
	2012-13	192	30	6:1
	2011-12	216	30	7:1
	2010-11	237	30	8:1
<b>Economics* ( Direct Admission)</b>	2013-14	040	32	1:1
	2012-13	034	32	1:1
	2011-12	045	32	1:1
	2010-11	048	32	1:1
<b>Zoology*</b>	2013-14	798	30	27:1
	2012-13	616	30	20:1
	2011-12	1058	30	35:1
	2010-11	797	30	27:1
<b>Psychology*</b>	2013-14	118	35	3:1
	2012-13	116	35	3:1
	2011-12	113	35	3:1
	2010-11	123	35	3:1
<b>English*</b>	2013-14	1024	65	16:1
	2012-13	1158	55	21:1
	2011-12	1127	55	20:1
	2010-11	1221	55	23:1



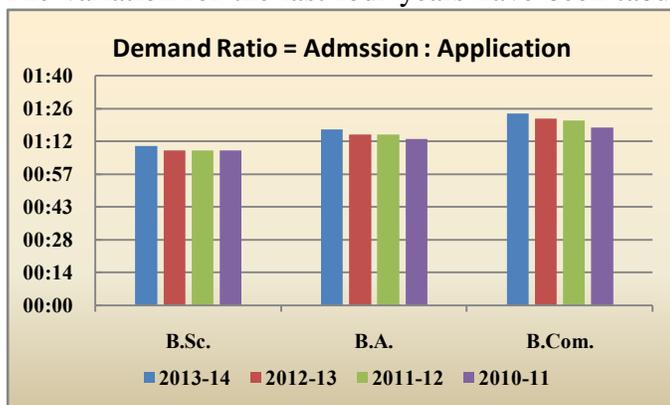
<b>Bengali*</b>	2013-14	437	75	6:1
	2012-13	835	75	11:1
	2011-12	619	75	8:1
	2010-11	865	75	12:1
<b>Hindi*</b>	2013-14	187	45	4:1
	2012-13	194	45	4:1
	2011-12	225	45	5:1
	2010-11	231	45	5:1
<b>Political Science*</b>	2013-14	147	65	2:1
	2012-13	325	65	5:1
	2011-12	268	65	4:1
	2010-11	320	65	5:1
<b>History*</b>	2013-14	277	55	5:1
	2012-13	455	55	8:1
	2011-12	469	55	8:1
	2010-11	499	55	9:1
<b>Philosophy*</b>	2013-14	127	50	3:1
	2012-13	314	50	6:1
	2011-12	278	50	5:1
	2010-11	329	50	7:1
<b>Education*</b>	2013-14	445	50	9:1
	2012-13	386	50	7:1
	2011-12	282	50	6:1
	2010-11	434	50	9:1
<b>Journalism*</b>	2013-14	235	40	6:1
	2012-13	321	40	8:1
	2011-12	281	40	7:1
	2010-11	341	40	9:1
<b>Sociology ( Direct Admission)</b>	2013-14	50	40	1:1
	2012-13	50	40	1:1
	2011-12	50	40	1:1
	2010-11	50	40	1:1
<b>B.Com* (Marketing)</b>	2013-14	210	125	2:1
	2012-13	429	125	3:1
	2011-12	278	125	2:1
	2010-11	425	125	3:1
<b>B.Com. (Accounts &amp;Finance)*</b>	2013-14	1007	150	7:1
	2012-13	1141	150	7:1
	2011-12	1157	150	7:1
	2010-11	1316	150	8:1
<b>B.Sc. ( General )</b>	2013-14	553	40	14:1
	2012-13	501	40	12:1
	2011-12	701	40	8:1
	2010-11	718	40	8:1
<b>B.A. ( General )</b>	2013-14	2370	375	6:1
	2012-13	1482	300	5:1
	2011-12	2348	300	8:1
	2010-11	1732	300	6:1
<b>B.Com. (General)</b>	2013-14	966	200	5:1
	2012-13	808	200	4:1
	2011-12	924	200	5:1
	2010-11	916	150	6:1
<b>PG Programme</b>				
<b>Microbiology</b>	2013-14	148	30	5:1
	2012-13	134	30	4:1
	2011-12	154	30	5:1
	2010-11	212	25	9:1



<b>Computer Science</b>	2013-14	148	35	4:1
	2012-13	134	30	4:1
	2011-12	154	30	5:1
	2010-11	181	30	6:1
<b>Geography</b>	2013-14	152	30	5:1
	2012-13	133	30	4:1
	2011-12	154	25	6:1
	2010-11	181	25	7:1
<b>Food &amp; Nutrition</b>	2013-14	123	30	4:1
	2012-13	112	25	4:1
	2011-12	129	25	5:1
	2010-11	151	25	6:1
<b>Commerce (Accounts, Finance &amp; control)</b>	2013-14	247	40	6:1
	2012-13	224	40	6:1
	2011-12	258	40	6:1
	2010-11	303	35	9:1
<b>Commerce (Marketing)</b>	2013-14	145	40	4:1
	2012-13	135	40	3:1
	2011-12	155	40	4:1
	2010-11	184	40	5:1

\* 5% increasing vacancy in the departments where an admission crisis developed as per Govt. order for the session 2011-12 & 2012-13.

The variation for the last four years have been tabulated which indicates stream wise



comparison of Demand Ratio. A minor change in the demand ratio of the students towards the college was found which is due to more subject specific orientation of the students. Our newly formed university is promoting such orientation among the students. However, the college reputation is able to maintain its high demand ratio.

## 2.2 Catering to Diverse Needs of Students:

### 2.2.1 Differently-Abled Students

The institution has always shown keen interest in catering to the diverse needs of students.

- As per Ministry of Social Justice and Empowerment, GOI guidelines, ramps have been constructed at most strategic locations to provide almost full campus access to students with motor disability.
- Differently-abled students (motor disability) are actively assisted through the arrangement of classes on the ground floor, helping them to have access of books and journals in the library with the assistance of library staff etc.
- Wheel chair has been arranged at each floor in arts & commerce campus (which still lacks the elevator) so that students with motor disability can have easy access to all floors.
- Science campus boasts a vertical rail (Lift), wheel chair for disabled and support staff has been assigned the duty of assisting such students in every possible way.



- College is in process of arranging a set of brail books for visually challenged students depending on the requirements set forward by the student.
- Visually challenged students have a provision for scribes from the college during tests and university examinations. 3% seats are reserved during admission, UG & PG, for the physically disabled students as fixed by the Government.
- Additional details are furnished in section 5.1.4.

### 2.2.2 Assessment of the Students' Needs before the Commencement of the Programme

Assessment of the students' needs before the commencement of the programme for General and Honours courses are normally assessed by the University through its BOS of the Course. College also provides information in this regard through the Members of the BOS or through writing the findings.

Students' needs are assessed through the following interaction of the previous year students:

- Students' Feed Back
- Classroom interaction
- Class/Unit Test
- Tutor-ward interaction.

College has introduced a continuous assessment mechanism. With the help of this mechanism it is possible to assess the academically strong and weak students. To bridge the knowledge gap the institution takes some Remedial Classes and Tutorial Classes, academic and personal counselling, supply of books and handouts. Academic counselling and Tutorial Classes is provided through structured timetable. Teachers are also assisting the students outside the classroom, which is reflected, in the students' feedback about the role of teachers.

### 2.2.3 Strategies drawn and Deployed to Remedy and Add-On or Enrichment Courses offered to bridge the Knowledge Gap of the Enrolled Students

The institution identifies weaker and advanced learners on the basis of classroom interaction, surprise test, tutor ward interaction, class test, and periodical and test examinations.

The institution adopts strategies like **academic counselling, remedial classes and tutorial classes** for facilitating slow learners. For the weaker learners, teachers take **special classes both theory and practical** to bridge their knowledge gap.

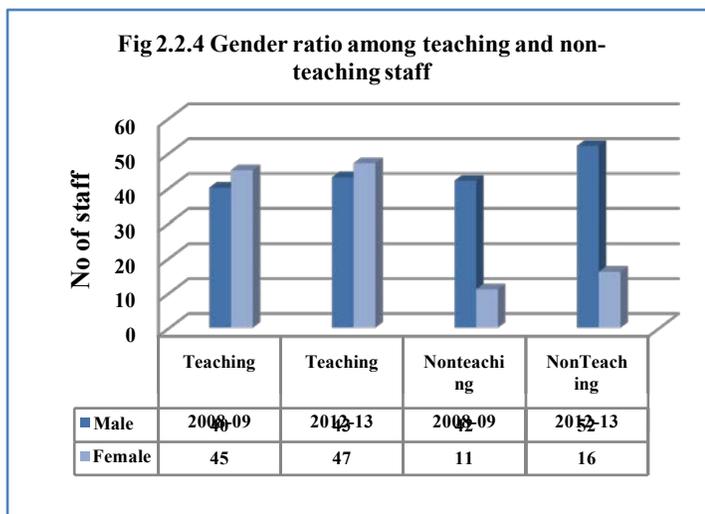
### 2.2.4 Sensitization of Staff and Students

We need not have to take any special effort to sensitize gender balance among students and staff in this urban area because over the years increasing percentage of female students has been admitted in different subjects in our college which is evident in the following table.

**Table No. 2.2.4: Gender Wise student strength dt. 31.03 of each year.**

Session	2009-10	2010-11	2011-12	2012-13
Total	4644	4993	4972	4903
Male	2072	2172	2056	2033
Female	2572	2821	2916	2870
% Female	55.38	56.50	58.65	58.54

In the case of teaching and non-teaching staff gender wise distribution is given below.



To maintain the gender balance amongst students & staff, the institution encourages female students and staff to involve and to participate in all bodies. Female students and staff participate in the bodies of Students' Union, different subcommittees of students' union, Cultural Committee, Sports & Games Committee, Grievance Redressal Cell, Women's Development Cell, Hostel

Committee, Health Committee, Library Committee, Admission and Academic Committee etc.

The institution has done a gender audit. The percentage of female students has been steadily increasing from 55.38% in 2009-10 to 56.5% in 2011-12 and 58.54% in 2012-13.

The college has introduced gender related sensitising workshops for the students through the programme of the **Equal Opportunity Cell** funded by UGC. There is a similar proposal for workshop in sensitizing staff members is pending with UGC. Moreover, to address the problems of the female students, the college has set up a Grievance Redressal Cell and a Women's Development Cell with the female teaching, non-teaching staff and students. The cells also try to encourage the female participation in all sorts of activities of the college.

### 2.2.5 Identification and response to special learning needs of advanced learners:

**Identification:** The institution identifies advanced learners on the basis of attendance in class room, interaction with the teachers both inside and outside the class room, interaction in the laboratory. Students performance is judged on the basis of classroom interaction, surprise test, tutor ward interaction, class test, periodical and test examinations. Two patterns are observed among advanced learners some excel in theoretical and critical thinking and others have advanced skills in laboratory experimentation.

**Response:** The institution after identifying the advanced learners, respond to their special educational and learning needs of these learners through the following ways.

- Advanced learners are encouraged to prepare study materials for class lectures, poster competition, seminar talk, participation in the exhibition etc.
- Advanced learners are encouraged to participate in competitive examinations such as in JBNSTS (Jagadis Bose National Science Talent Search) examination, KVPY (Kishore Vaigyanik Protsahan Yojana, funded by DST, Govt. of India) Examination.
- Advanced learners are also motivated to participate in seminars with some advanced topics beyond syllabus with modern equipment. To sustain their interest advanced learners are given tricky problems and thoughtful essay type questions according to their syllabus. They are also suggested reference books.



- Advanced learners of UG level have participated in the Poster Competition and Seminar talk some advanced topics beyond syllabus with modern equipment in the College level/ State Level / National Seminar organised by the college or other colleges or institutions.
  - PG students are given special concentration through summer dissertation projects and publication of the paper in the State / National level Seminar or Workshop.
  - For advanced learners at the UG & PG level, college has introduced central instrument lab funded by DST- FIST and the Thallassaemia eradication centre of national stature. The advanced learners use this centre for their academic upliftment. The college has set up networking facility both at science as well as humanities campus. Field work and Industry visits have been organized to assist the advanced learners get practical understanding of the subject.
- The detail of the various seminars and workshops organized has been tabulated in section 3.1.6.

### 2.2.6 Collection, analysis, use of data and information on academic performance of students

Data and information are collected from the records of the regular class attendance, results of the class tests, mid-term test, test examination etc. The faculty members of different departments analyze the attendance, results of different examination in the departmental meeting; interact with students in the tutor ward session to identify the students who are at the risk of drop out domain. Guardian's interaction, psychological support and counselling etc sometime helps to minimize the dropout rate.

The departments as well as the institution meets with the parents in **parent-teacher association** meeting where the parents are informed about the attendance of the respective students, class performance, strength and weakness of the students. The parents feel free to communicate the weak and the strength point of the students and the institution takes remedial measures to overcome the problem and the risk of drop out of the students from the disadvantaged sections of society.

Considering the risk of drop out of students from the physically challenged disadvantaged section of the society, the institution arranges **classes on the ground floor**, there also special facility of wheel chair, ramp in the strategic point and vertical rail for major access of campus, **increases the number of books (five books each)** for lending purpose specifically for poor students.

Finally the economically weaker sections etc. who may discontinue their studies for financial reason are supported with the say that **'No student will leave College due to financial constrain'** and support service is provided from different source. The details are later presented in section 5.1.2.

## 2.3 Teaching-Learning Process

### 2.3.1 Planning and organization for the teaching, learning and evaluation schedules

During the commencement of the academic session, principal and other senior faculty members addressed before the students the teaching -learning and evaluation processes with special mention to mission and objective of the college and learning outcome.



### Academic Calendar and Teaching Plan:

**UG programmes:** The institution is showing its highest sincerity to plan and organize the teaching- learning mechanism through preparation of academic calendar, teaching plan, evaluation blue print as follows:

1. College has a well structured **Academic Calendar** including the examination schedules of the university. Academic Calendar is organized unitizing the syllabi into several units and mentioned the required number of classes for those units. The total number of classes thus calculated is provided in the structured routine for each subject. (140-160 classes of 45 minutes duration per honours paper of 100 marks and for general paper 90-120 classes of 45 minutes duration for each paper of 100 marks) .It is to be noted that the syllabi of **all the UG programme** have been revised by the University authority (WBSU) in **2009-10; 2010-11 and 2011-12** sessions after its formation as new university in 2008 as per needs the society and academic requirements.
2. This Academic Plan including Calendar is distributed among the students at the beginning of the session.
3. **Teaching plans** are made on the basis of the Academic Calendar. At the end of the class, teachers keep regular record of the topics taught in the classes in their Academic Diaries throughout the year. There is also the provision of checking/ verification by the Principal/ senior most teachers of the college regarding progress and whether the teachers maintain the Diaries. It is very important to note that use of academic Diary and necessary assessment thereafter has enhanced the class load of third year class from **16 to 28-30** per week in many departments. Teaching plan is designed according to the examination schedules (college and university) mentioning the part of the syllabus to be covered before a particular examination.
4. Progress of syllabi of different departments has been critically analyzed by the teachers in the departmental meeting followed by the Academic Sub-committee meeting. The teachers also look into the slow progress, if any, of the syllabus and try to complete the syllabus within the stipulated time by taking extra classes. If it is found that the syllabi are not completed within the stipulated lectures framed, the matter is referred to College authority as well as the respective Board of Studies of WBSU for redressal. This mechanism is found very effective as manifested by the gradual improvement of result.

### PG programmes:

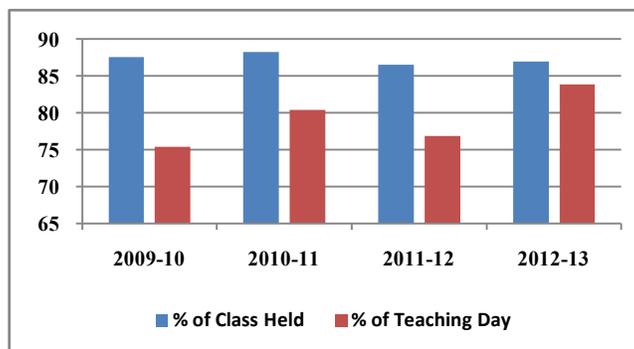
1. College has in operation **six PG programmes in credit based semester system** as per suggestion of the NAAC peer team visit in March 2009.
2. College curriculum, academic calendar, learning outcome etc. for the PG Courses are displayed in the College website and represented in the prospectus.
3. Choice Based Credit System(CBCS) semester wise with 100 Credit point [Duration 14-15 Weeks per semester] are operated.
4. The curriculum design of the entire PG programme is student centric and weightage is given to attendance in the Theory and Practical classes.

College also maintains meticulously the Class allotted Class taken ratio. Teaching-Learning process is reflected in the ratio of number of classes allotted & the number of classes taken. The following data reveal these aspects:

**Table No 2.3.1 Class allotted class taken ratio**

Year	2009-10	2010-11	2011-12	2012-13
Classes allotted	45604	43361	39935	39085
No. of classes taken	39941	38264	34576	34015
<b>% of Class Held</b>	<b>87.58</b>	<b>88.24</b>	<b>86.58</b>	<b>87.02</b>
No. of Working Days	248	250	255	254
No. of Teaching Days	187	201	196	213
<b>% of Teaching Day</b>	<b>75.40</b>	<b>80.40</b>	<b>76.86</b>	<b>83.85</b>

The data of the last four years shows that out of the total classes allotted almost 87-89% of the classes have been held and the number of teaching days was around 200 days which is higher than the UGC stipulated teaching days of 180 per year. [The fall of teaching days in the academic year 2009-10 was mainly due to

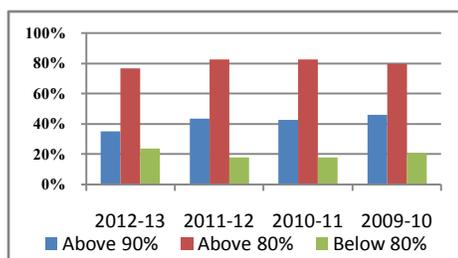


the parliament election. The college premises in both the campuses had been requisitioned by the Election Commission for the safe keeping of ballots boxes and counting of the ballot for the announcement of results. In 2011-12, 2012-13 the number of class was reduced for re-scheduling of University Examination during academic session (July & August) and holding of assembly elections, Panchayet election occurred during examination period (May-June). It is to be mentioned here that the percentage of teaching day in 2012-13 as recorded 83.85 is due to conduct of PG classes during UG University Examination in the month of July & August.

**Table No. 2.3.1a Teaching Performance**

Session	2012-13	2011-12	2010-11	2009-10
% Share of Teacher				
Above 90%	39%	43.15%	42.62%	45.9%
Above 80%	76.35%	82.19%	82.51%	79.5%
Below 80%	23.65%	17.81%	17.49%	20.5%

Teachers are entitled to 15 days casual leave and 30 days earned leave. But the



class performance records show that they take less leave than they could enjoy. Moreover, maternity leave of some lady teacher, serious illness of a few faculty members may reduce the percentage. Still average 41.5% of the faculty members have class performance more than 90% and 80% of the faculty members have class performance more than 80%.

**Evaluation blue print:**

- 1 For UG Programme, Annual system of assessment is operated as per the guidelines of the West Bengal State University.
- 2 Teaching-learning process is supplemented through addressing of Questions of



- Final Examinations and Model Questions (Question Bank). Students are trained to solve the question papers. Sometimes, the teachers provide the students with Model answers. As per University guidelines the college has introduced four tests for Honours students & two tests for General students. The class test for each paper is of 25 marks and evaluation of the scripts enables the teachers to identify the weaknesses of the students.
- 3 Evaluation schedules are communicated to the students through notification.
  - 4 Two class tests are taken- one in the month of September & another in the month of January of each academic year at both Honours and General level.
  - 5 Periodical/Pre-test Examinations are held in the month of January, while Test Examinations are held in the month of January-February for III yr, March-April for II yr and for 1st year as per the University guideline.
  - 6 At the college level examination evaluated answer scripts are shown to the students for rectification of errors in the future, thus ensuring quality of answers.
  - 7 Mark sheets are also issued to the students by the college.
  - 8 In the Parent-teacher meeting, the results of the examination are analysed for further improvement.
  - 9 Tutorial and counselling classes are arranged in the structured timetable and these are taken by the teachers and recorded. For the Honours students' two (2) tutorial classes each of 45 minutes are allotted and taken per week. Five to six counselling classes of 45 minutes each per week are allotted and a teacher has to take at least one counselling class per day and at least six counseling classes per week.
  - 10 For PG programme (autonomous) Semester System of assessment is operated as per the guidelines of the West Bengal State University and UGC.
  - 11 The evaluation design of the entire PG programme (autonomous) is dual type i.e. Grade and number are exposed in the mark sheet. Weightage was given to attendance in both the Theory and Practical evaluation. Weightage for theory are given through internal assessment (mid semester), paper presentation, project presentation and dissertation and through end semester examination. Practical assessment is through continuous evaluation mechanism. Some of it is through class performance, practical viva-voce, preparation of field report, dissertation. In semester four there is a "grand viva voce" which encompass both theoretical as well as practical curricula.

### 2.3.2 IQAC contribution to improve the teaching –learning process

**Institutionalizing Quality Assurance Process:** IQAC was formally established in our institution in 2004, as an agency for quality sustenance and enhancement with different components. For institutional development IQAC prepares a perspective institutional plan on sustainability of the ongoing programme and on academic growth, infrastructural growth, enhancement of student facility, financial planning. The proposals are placed in the meeting of the governing body. The Governing Body of the institution **approves and implements the quality enhancement recommendations.** IQAC's suggestions such as introduction of new courses, research and development planning, conducting seminars and workshops, construction of research laboratories, Seminar room, WI-FI installation, substitution of electricity with solar energy, capacity building for empowering faculty, Introduction of Digital Teaching and Learning Technology, CCTV network in the library and commissioning of INFLIBNET are instances which have been sanctioned by the GB of the college.



Student union representatives as a component of IQAC maintain a regular interaction with the IQAC coordinator and principal and prepare the proposals of students' requirements for the development and put forward by IQAC.

Alumnae contribute to the effectiveness of the IQAC by their feedback on the way their campus experience helps them in their post-college life. The employer feedback collected on the performance of alumnae sheds light on the strengths and weaknesses of the education provided by our institution from the point of view of employability.

IQAC directs and monitors all developmental activities in the institution regarding teaching and learning, starting of new courses, Infrastructure development, communication networking among departments, quality assessment and rewards through systematic feedback, appraisal system etc.

**Outcome: Table 2.3.2**

Sl. No.	Subject of Workshop	Resource Person(s)	Date
1.	Motivation Towards Research	Prof. Basab Chaudhury, Registrar, CU	08.05.2010
2.	State level Workshop and Interaction on INFLIBNET	Dr. Ratnabali Banerjee, JS, UGC (ERO), Dr. H Anil Kumar, Librarian, IIM Ahmedabad, Resource person from INFLIBNET, Gujrat	26 <sup>th</sup> November, 2010
3.	Work Shop for syllabus revision & planning of PSYA	Prof. Pritha Mukhopadhyay, Dept. of Psychology, CU & Prof. Sadhan Dasgupta, Dept. of Applied Psychology	25 & 26 <sup>th</sup> August, 2011
4.	Work Shop for syllabus revision & planning of PLSA & PLSG	Prof. Ashoke Ranjan Thakur, VC, WBSU, Prof. Prabhat Datta, CU	4 <sup>th</sup> August, 2011
5.	Work Shop for syllabus revision & planning of SOCA	Dr. Ramanuj Bhattacharjee, WBSU Dr. Aniruddha Choudhury	February, 2012
6.	Special Lecture on "Political Thought of Hegel" and "Antono Gramsci "	Prof. Shobhonlal Dattagupta, Dept. of Political Science, University of Calcutta	5 <sup>th</sup> March, 2012
7.	Teaching strategies, Learning styles, best practices in college teaching	Dr. Meenakshi Krishnan, Asso. Prof. of English, BRSNC College	21.04.2012
8.	Special Lecture on "Great Revolution (Sepoy Mutini in the Context of Barrackpore) "	Dr. Kanai Pada Roy, Author of Series of books on Barrackpore Sri Amitava Karkun, Social Worker on Barrackpore, Sri Ajoy Pal, SDO, Barrackpore	29.03.2012
9.	State level workshop on statistical methods for data analysis (SPSS)	a) Prof. Amitava Sarkar, ISI Kolkata b) Prof. Aurobindo Bhattacharya, Deptt. of Management, University of Calcutta. c) Prof. Gautam Bannerjee, NIT, Durgapur.	17.05.2013, 18.05.2013.



10.	Two Day State Level workshop on Open Source Technology: Latex and Post Gre SQL (in Collaboration with Free Software Mancha, West Bengal & School of Mobile Computing and Communication, Jadavpur University).	a) Prof. Ashoke Ranjan Thakur, Ex. VC WBSU, VC Techno India University. b) Prof. Nandini Mukherjee, Director, School of Mobile Computing and Communication, Jadavpur University. c) Prof. Mandar Mitra, CVPR Unit, ISI Kolkata. d) Sri Sourav Sen Gupta, ISI Kolkata.	10.08.2013, 12.08.2013.
11.	Workshop on Better Library Use and Management	Dr. Biswajit Das, Assistant Librarian, The Burdwan University	27.02.2013
12..	Skill Orientation Programme for Non Teaching Staff	a) Dr. Ram Pada Bera, Registrar, West Bengal State University. b) Prof. Sib Ranjan Chatterjee, IC, WBSU c) Dr. Tasur Kanti Ghara, Joint DPI, Govt. of West Bengal d) Sri Arita RoyChaudhuri, Software Consultant	14.06.2013, 15.06.2013

IQAC has motivated students to participate actively in collaborative outreach for teaching learning

**Table 2.3.2a**

Sl. No.	Institution/Region	Assistance provided	Resource Person
1.	Pashimbanga Andha Alok Samity & Anne Sullivan Institution for the Visually Handicapped, Kalyani.	Development of website, assistance in preparation of audio learning material and providing them with writers as and when required.	Smt. Molly Ghosh
2.	Literacy programme in the neighborhood of Jangal Mahal, West Medinipur.		Dr. Sutapa Ghosh Dastidar

### 2.3.3 Student-centric learning; details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students

Institution has Student-centric learning strategies. It has been arranged in such a way that the strategies such as Experimental techniques, Demonstration of teaching modules with the help of instruments, Case Studies, Exercises, and First hand information from real life situations have been used in the teaching learning process.

Some **important methodologies for student-centric learning** are:

- Industrial visits for experimental learning by Food & Nutrition, Microbiology, and Commerce etc.
- Onsite learning (Microbiology, Geography, Psychology, Computer Science, Commerce)



- c) Project works by the departments such as Economics, Microbiology, Commerce, Computer Science, Physics, Chemistry, Geography (preparation of field report),
- d) Summer training by Food & Nutrition, Microbiology, Computer Science, Commerce, BBA departments,
- e) Preparation of small documentary film in the department of Film Study, Journalism & Mass Communication
- f) Use of Audio visual aids e.g.; Film as teaching aid for the department English, Film Study, Geography, Political Science.
- g) E-content creation in Department of Political Science.
- h) Promotion & motivation of for preparation of Wall Magazine, College Magazine,
- i) Field Work by Geography, Sociology, Psychology, Commerce, History, Zoology departments,
- j) Research Project by the students of Sociology, Economics, Physics, Microbiology, Food Nutrition, Geography, Commerce & Computer Sc. etc.
- k) Use of ICT as learning resource by the students of different department,
- l) Organization of departmental Seminars and seminar classes.
- m) Presentation of papers by the students in Seminars in and outside the college,
- n) Participation of the students in Group Discussion, Debate, other cultural activities,
- o) Participation in Mock Parliament by the students of Political Science, Sociology, English etc.
- p) Organization of Interactive platform by different departments, e.g., Bhasa Diwas (Bengali), Hindi Diwas (Hindi) etc.,
- q) Active participation of the students of Journalism & Mass Communication as reporter in the local News agencies, local electronic media,
- r) Summer Training Camp participation,
- s) Research Project for the students preparing for post GRE selection,
- t) Organization of Career Fair for the students,

**Collaborative learning** operates in the college when small groups of students, called collaborative groups, work together to complete an academic task. Project Work with 3-5 member teams, 2-3 students in a presentation placed before the rest members of the class, Field work in a team of 4-5 member team and submission of the combined project, Preparation of a documentary film by a team of 2-3 students are the example of the collaborative learning. SMART Board, WI-FI connectivity / Internet connectivity special space accommodation for the above purpose etc, are the support structure and system available for the students.

One of the Collaborative learning mechanism operative is THINK-PAIR-SHARE: Initially, the teacher poses a question, preferable one demanding analysis, evaluation, or synthesis, and gives students about a minute to think through an appropriate response. This "think-time" can be spent writing, also. In the second step Students then turn to a partner and share their responses. During the third step, student responses can be shared within a four-person learning team, within a larger group, or with an entire class during a follow-up discussion. The caliber of discussion is enhanced by this technique, and all students have an opportunity to learn by reflection and by verbalization.

**Independent learning**, often referred to as self-directed learning, involves students taking the initiative in recognizing learning requirements and undertaking activities to meet them. At one level it may involve providing students with "extension" work for



them to do individually. Independent learning is more extended towards the students of PG level. A particular student feels interest to prepare a review of the work in an advanced field of last 10-15 years for his/ her PG project and college is encouraging them by supply of internet, extended library facility etc. It was found that special interest through review motivates the student to select future research plan. Moreover, some of the students may show special affinity towards a sophisticated instrument and prefers to work extensively on that instrument. College encourages such learning.

**The institution provides support structures and systems available to teachers and students to develop skills like interactive learning among the students.**

As **interactive learning**, the college helps in the preparation of lesson modules through computers and their presentation through power-point, Seminars, conferences & workshops have been arranged by the department. Each dept. organises at least two seminars in an academic session. The college has been investing for setting up Operating System, modern class room/ seminar room fitted with LCD Projectors (26 room), Laptop (~ 30), OHP, Visualiser, Supportive Software, and Educational CDs & DVDs, NPTEL course materials and other open source study materials.

[The details of the support structures and infrastructures available are in section 4.1.2.](#)

### **2.3.4 Nurturing of critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators**

The institution has various mechanisms to promote critical thinking, creativity and scientific temper among the students through:

- The students analyze various crises situations that have arisen in different real life situations through case study. They also propose remedial strategies that may be implemented to overcome the crises.
- The students are given some assignments on contemporary issues and critical appraisals are sought from them.
- In the projects the students (both at UG and PG level) are asked to design questionnaire for acquiring relevant data from the different primary sources. The students are required to identify the problem from study of relevant secondary sources and also create the research methodology under the supervision of the departmental teachers.
- The students present their own papers/projects in the departmental seminars organized every year in front of teachers and their classmates.
- Sometimes the students acts in groups while presenting projects and papers.
- Critical thinking through cross verification of ground reality with observed or learned situation during field study for specific case studies.
- Through identification of point of difference of class room teaching and field observation with probable explanation. Suggestions are asked for remedy of various problems.
- While selecting the topic of dissertation, students are asked to present and justify their own critical views for the particular choice.
- Students are asked to develop their own methodologies along with the adaptation of individual technique and statistical tools for explaining their hypothesis and findings substantiated by data base. While preparing the reports they are given autonomy for the preparation of maps and diagrams with proper justification finally guided by the supervisor.
- Creativity is nourished through independent, collaborative learning, project assignment, seminar through power point presentation, home assignment,



preparation of field report and dissertation, preparation of wall magazine, participation in poster competition, seminar etc.

- Various other activities to nurture critical thinking have been listed in section 3.1.6.
- Eminent scientists and researchers have visited the institution and motivated our students the details of which are listed in 3.1.7.

### 2.3.5. Technologies and facilities available and used by the faculty for effective teaching:

**Table 2.3.5** Technologies and facilities available and used by the faculty for effective teaching:

Departments	
Chemistry, Computer Science Microbiology, Physics, Geography, Commerce, Political science, Sociology	<b>NPTEL Course materials used</b>
Physics, Food & Nutrition, Geography, Commerce, Economics, Chemistry, Microbiology, Computer Science	<b>e-learning – resources from different resources used</b>
Mathematics ,Geography, Commerce, Economics, Computer Science, Food & Nutrition, Film Studies, Journalism & Mass Communication, ,English, Microbiology, Physics ,Chemistry	<b>Power point presentation and Online facilities used. Dept. of Mathematics use SMART board.</b>

Details will be provided at the time of visit.

**Open Educational Resources (OERs):** The **optimal accesses to OERs** are ensured through a portal in the institutional website.

**Mobile Education:** The **science** campus boasts of a Wi-Fi facility providing mobility to its learners. The library also provides TAB to weaker sections of society so that they may issue it and enjoy mobile education.

The details of IT infrastructure are enlisted in section 4.3. The campus wide Wi-Fi ensures mobility to learners as well as teachers. The details of which are listed in section 4.3.2.

### 2.3.6 Student and Faculty Exposure to Advanced Level of Knowledge and Skill.

Students and faculty are exposed to advanced level of knowledge and skills by the following methods:

- The institution gives facility of blended learning, i.e. face to face learning along with ICT based learning.
- The institution provides expert lectures from the peer members from the reputed institutes such as ISI, University of Calcutta, West Bengal State University, Jadavpur University, Kalyani University, IISER Kolkata etc.
- The departments organize seminars and workshops every year. Some of the seminars are national level seminars where experts from all India are invited to deliver lecture where the faculty and the students are the participants of the seminar.



**a) Workshops:**

**Table No 2.3.6 Workshops Organized by Various Departments**

Name of Department	Thrust Area and level	Date
IQAC	Open Source Technology: LaTeX & PostgreSQL	10th & 12th August , 2013
IQAC	Skill Development of Supporting Staff of the College	14th & 15th June , 2013
IQAC	Statistical Methods for Data Analysis	17th & 18th May , 2013
Library	Better Library Use and Management	27th February, 2013
Equal Opportunity Cell	Gender Inequality in Society: Emerging Dimensions	25th September, 2012
Health Sub Committee	Adolescent Health	7th & 14th September, 2012
Equal Opportunity Cell	Gender Awareness	24th February, 2012
Equal Opportunity Cell	Gender Discriminations and Legal Activities: A Critical Interface	19.02.2011
IQAC (Research Monitoring Cell)	Research Methodology & Choice of Topic in research for the Faculty member of the Under Graduate Colleges	8th May, 2010

**b) Seminars: Table 2.3.7 UGC Sponsored National & State Level Seminars**

Department	Thrust Area and Level	Date
National Seminar (UGC Funded)		
Hindi	Vaishwikaran Ki Andhi Me Hindi Kahani Se Gayab Hota Manusya	20th & 21st September, 2013
Economics	Advances in Theoretical & Empirical Economics with Applications to India	7th September, 2013
Political Science and Sociology	Questioning Identity: Response of the State and Community in Contemporary India	23rd & 24th August, 2013
Psychology	RECENT APPROACHES IN MENTAL HEALTH RESEARCH	16th & 17th August, 2013
Food & Nutrition	Resent Trends of Research in Nutrition Science	22nd & 23rd February, 2012
Computer Science	Emerging Trends in Computer Science	20th & 21st January, 2012
Commerce	Changing Paradigm Accounting and Taxation in 21st Century: Challenges to Indian Business and Commerce Education	6th & 7th January, 2012



Geography	Changing Environmental Scenario of Indian Subcontinent: A Geographical Appraisal	25th & 26th November, 2011
Library	E Resource Management in Academic Libraries and INFLIBNET Awareness Programme	26th & 27th November, 2010
Microbiology	Recent Trends in Microbiological Research	13th & 14th February, 2010
<b>State Level (UGC Funded)</b>		
History	Society, Economy and Polity : Reflections on Post Colonial Bengal	30th August, 2013

The complete list of all seminars organized by the college is displayed prominently in the institutional website.

- The PG students of the college regularly participate in seminars and workshops organized by other institutions and universities. Many of them have received award in poster competition.

### 2.3.7 Academic, Personal and Psycho-Social Support and Guidance Services:

**Academic Support-** Academic support are offered in terms of Classroom teaching, Tutorial class (100% of the students) and Remedial classes (15-20% of total students), Counseling classes (25-30% of the total students), Class test (100%), Evaluation of answer script (100%), Rectification of answers of the students as per the model answer (100%), guidelines provided for presentation of papers in the seminars and workshops (UG 5%, PG 100%).

**Psycho-social support-** Departmental heads and other faculty members provide psycho social support when the students of the concerned departments (10-15% of the students) face any psychological and social problem. Sometimes, the departments seek help from allied departments like Psychology, Sociology etc. in regard to the provision of support. 10 -15 students has take such supports every year.

**Guidance Services:** BRS College Centre for Career Development provides guidance services to the students in order to impart value added education. Professional counseling, mentoring and academic advice is imparted to the students by the faculties from IT and other industries, Business and Commerce etc. The centre takes the responsibility to equip the students as per the social and global needs and to make them capable of facing the competitive job market. The centre organizes the following programmes for providing guidance services-

- ❖ Course in Communicative English (Average 300-450 students per session)
- ❖ Course for Aptitude in Soft Skill Development (approx 300-450 of students per session)
- ❖ UGC sponsored and WBSU affiliated career oriented courses (approx 25 students per session)
- ❖ Courses on Competitive Examinations (approx 200 students per students)

### 2.3.8 Innovative Teaching Approaches and its Impact

The innovative teaching methods tried and tested by the faculty in this institution include:

1. Use of new technology,



2. Participatory Teaching through field works, innovative projects, sample surveys
3. Contribution to the syllabus designing through BOS members and organizing subject wise workshop on syllabus
4. Use of web resources in some departments.
5. Organising subject oriented departmental seminars.
6. 8) Subject related film shows followed by discussions.
7. 9) Survey of socio-political issues.
8. Interdisciplinary teaching
9. Use of GD, Brain storming ,Role Play, Poster Wall Magazine etc., as part of class room teaching,
10. Focus on student centered learning.

Efforts made by the institution to encourage the faculty to adopt new and innovative approaches are

- Arranging well equipped laboratories with modern kits. Most of the departments are having at least one digital class room in a department with appropriate gadgets and some are sharing equipments in common basis.
- All Departments in the institution is with a PC with internet connectivity.
- Besides that, the institution has also created awareness among the faculty and staff regarding the use of ICT resources and has provided necessary training for e-content development.
- Purchasing text and reference books in the central and departmental libraries.
- Motivating the faculty members to participate in refresher course or orientation programme, seminar, workshop and conferences, research work and publication.
- Providing ICT enabled teaching learning tools for faculty members. With the state-of-the-art gadgets like LCD, laptop, smart board, webcam, handy-cam, microphone etc., the institution seeks to engage and inspire learners.
- Introducing new academic programmes and innovation in curriculum design.

**Impact:** Teaching and learning innovation is incorporated not only on the delivery of the content, but also on the medium through which it is delivered. Technology has also changed the way teachers teach, offering educators effective ways to reach different types of learners and assess students' grasp of the subject taught through multiple means. It has enhanced the relationship between the teacher and the student. When technology is effectively integrated into subject areas, teachers are elevated to the roles of adviser, content expert and coach.

Technology helps make teaching and learning more meaningful.

### 2.3.9 Use of Library Resources to Augment the Teaching –Learning Process

The Library is well equipped to provide effective support to the teaching-learning process. Democratic use of library resource through the open access system.

- Collection and preservation of library resources through adequate racks, almirahs, installation of CCTV cameras
- To create hospitable physical and virtual environments with the aid of state of the art tools and technologies
- To develop, encourage, sustain and update expertise, skill, commitment and spirit to be of cheerful service to the knowledge seeking community



The Central Library, the core Learning and Teaching Resource Centre of the college with **47,000 books, 49 print & periodicals, 325 CDs** and cassettes supports teaching, learning and research across a wide range of all conceivable disciplines.

With the advancement of Information and Communication Technologies, the library also extended its acquisition and service dimension towards ICT based resources. It has **INFLIBNET** (N-List) facility for accessing **90,000+ e-books and 5700+** full text e-journals and the number is increasing regularly.

### 2.3.10 Completion of the Curriculum

The data of the last four years show that out of the total classes allotted, **almost 85-87%** of the classes have been performed and the number of teaching days is around 200 which is higher than the UGC stipulated teaching days of 180 per year. (The fall of teaching days in the academic year 2009-10 is mainly due to holding of assembly elections for which a large number of teaching days has been lost. The college premises in both the campuses had been requisitioned by the Election Commission for the safe keeping of ballots boxes and counting of the ballot for the announcement of results.). In 2011-12, 2012-13 no of classes has reduced (**Table 2.3.1**) to accommodate the Assembly and Panchayat election and deferred examination process. In order to minimize the problem, we have arranged special classes, remedial classes during study leave period. We have tried to enhance the number of classes held per week to accommodate the shortfall to complete the curriculum in most of the departments.

### 2.3.11 Monitoring and Evaluating the Quality of Teaching- Learning

- Monitoring the daily basis performance appraisal of teachers by the Principal on the basis of a structured format (to be shown during the visit)
- Monitoring of students attendance by department, Principal and communication to parents
- Assessment of teachers through multi-cornered feedback e.g. students' feedback, parent-teacher interaction, university result, feedback from the HR of different MNCs etc. (to be shown during the visit)
- Maintenance of academic diary by faculty members.

## 2.4 Teacher Quality

### 2.4.1 Strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The College Governing Body prepares the requirement of teachers on the basis of workload and submits application to the DPI for sanctioning additional posts for different subjects. Teachers (Faculty members) are selected according to UGC norms. There is a West Bengal College Service Commission (WBCSC), recommends teachers for Grant-in-aid colleges. On the basis of their recommendations, the college appoints the teachers. In addition to that, the college appoints full-time unaided teachers on the basis of Selection Committees constituted by the Governing Body of the college as per Government and University guidelines.

During the last four years, the college appointed 07 teachers on the basis of WBCSC recommendation.



The following tables show i) Qualifications of the teaching staff (Table 2.4.1a) and ii) the number of substantive posts, the no. of faculty in position and number of vacancies against the courses (Table 2.4.1b) as on 31.11.2013.

**Table 2.4.1a Qualifications of the teaching staff:**

Highest qualification	Professor /Principal		Associate Professor		Assistant Professor		Total
	M	Fema	Male	Femal	Male	Female	
Permanent teachers							
Ph.D.	1		9	3	6	15	<b>34</b>
Ph.D. pursuing			1		12	13	<b>31</b>
M.Phil/M.Tech			1	1	11	3	<b>16</b>
PG			1	3	5	7	<b>11</b>
Temporary teachers including Guest & visiting							
Ph.D.					18	3	<b>21</b>
PG					23	10	<b>33</b>
Part-time teachers							
Ph.D.					1	3	<b>4</b>
Ph.D. pursuing						3	<b>3</b>
PG					3	6	<b>9</b>

**Table 2.4.1b**

No. of Substantive teaching Posts in all subjects	No. of Teachers in positions in all subjects	No. of Vacancies
77 + 1# + 1*	47+1#+1*	30

1# - Principal, 1\* - Librarian

It's seen that there is a gap between the no. of substantive teachers in position and the no. of teachers required for different courses. College has submitted the requisition to WBCSC to fill up the substantive vacancies.

To bridge the gap, the college has taken steps to create teaching posts in different courses effectively. In the last five years, the college has created more than 45 teaching posts on full-time contract basis out of which 30 have been approved by the state government as contractual whole-time teacher (CWTT) since January 2011 and financial liability is borne by the State Government. Rest full time (15) posts have also been partially filled up by appointing teachers according to the recommendations of the expert committee constituted for the purpose. They are paid from the college fund.

In addition to that, the college has appointed 54 class basis management appointee teachers obeying UGC qualification of which 16 teachers appointed before 2009 have received approval of the state government with financial liability and are named part-time teachers (PTTs). Rest 38 class basis management appointee teachers are paid from the college fund. Besides, a good **number of working and retired senior faculty members** (~20) are teaching as visiting faculties from different universities and institutes.



The details of the highest qualification of faculty members have been furnished in section 21 of college profile.

#### 2.4.2 Efforts made by the institution to cope up with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas of study being introduced in this direction and the outcome during the last three years.

Though three new course and three new subjects were introduced in last four years duration, college has received only three substantive sanctioned posts for the same. As mentioned above, college has submitted requisition of **filing up of 15 vacancies** which is pending with WBCSC. West Bengal College Service Commission is now conducting interview process and college is expecting early filling up of the vacancies.

Apart from these, the college has appointed 39 full-time faculties on the recommendation of the Selection Committee constituted by the Governing Body of the college comprising of External Experts (University teachers), as mentioned above. In addition to traditional and core subjects, the college takes the help of highly qualified guest faculties from different universities and institutes of repute to teach the new programmes in emerging areas in the Department of Microbiology, Geography, Food and Nutrition, Computer science and Commerce. A good number of experienced and highly qualified visiting guest teachers (20) from different Universities and reputed institutions to teach some relevant portion of these subjects. **Retired Faculty members** are also approached to extend their support to the departments and college is now getting such support from four retired teachers. Presently, besides 16 Part time teachers, the college has appointed more than 40 class basis teachers as per UGC norms to minimize the short fall of the teachers.

#### 2.4.3 Details on staff development programmes during the last four years

In the mechanism of staff development programmers as mentioned in the **Table No 1.1.3 in Criterion I** which representing participating in Orientation programme and Refresher courses conducted by Academic Staff College and participation in International and National seminar / symposium, college also conducts a number of programme as follows:

**Table 2.4.3a Staff Development Programme**

Refresher Course	27
Orientation Programme	07
HRD & other short term Programme	20

**Table 2.4.3b Training Programme organized by the College**

<i>Teaching learning methods/approaches</i>			
1.	Teaching strategies, Learning styles, best practices in college teaching	Dr. Meenakshi Krishnan, Associate Professor of English, BRSN College	21.04.2012
<b>Handling new curriculum</b>			
1.	Workshop held at the time of revision of syllabus.	"Workshop on Clarification on WBSU Undergraduate Syllabus and Evaluation Pattern " Dept. of Psychology in collaboration with WBSU	25.08.2011 & 26.08.2011
		"Workshop on New Syllabus in Political Science"- Dept. of Political Science in collaboration with WBSU	04.08.2011



<b>Content/knowledge management/ Cross cutting areas</b>			
1.	SPSS	Prof. Amitava Sarkar, ISI, Kolkata, , Prof. Gautam Banerjee , NIT Durgapur	17-18 <sup>th</sup> May, 2013
2.	GIS	Prof. J. K. Mondal (KU), Dr. G. Sen (JU) Dr. B. Basu, & Dr. G. N.Saha (NATMO)	12-13 <sup>th</sup> March, 2010
3.	LaTeX and Post GreSQL	Prof. Nadinee Mukherjee, JU; Prof Mandar Mitra, ISI; Sri Sourav Sengupta, ISI	10 <sup>th</sup> & 13 <sup>th</sup> August, 2013
4.	N LIST awareness	Dr. Ratnabali Banerjee, Jt. Secretary, UGC (ERO), Dr. H Anil Kumar, Librarian, IIM Ahmadabad,	26 <sup>th</sup> November. 2010
<b>Selection, development and use of enrichment materials, Audio Visual Aids/multimedia &amp; OER's</b>			
1.	NPTEL	Resource Person from IIT, Chennai	February, 2013
2.	Orell DLL workshop	Resource Person from Orell DLL, Chennai	April, 2011
<b>Assessment &amp; Evaluation Method</b>			
1.	CBCS method PG workshop	Prof. Pradip Sengupta, Controller of Exam, JU	April, 2009
<b>Staff Training organized by college</b>			
1.	Skill Development of Supporting Staff of the College	Prof. Rampada Bera, Registrar, WBSU and Dr Shib Chatterjee, IC WBSU	14th & 15th June , 2013
2.	Better Library Use and Management	Dr. Biswajit Das, Assit. Librarian, BU	27th February, 2013

**Table 2.4.3c Faculty status w. r. t. Resource Person/ Participation and paper presentation of the College:**

Faculty invited as Resource Person	16
Faculty participated in the Workshop/ Seminars	134
Faculty presented papers in Workshop/ Seminars etc	181

#### **2.4.4 Policies/systems are in place to recharge teachers:**

The institution through the IQAC and “Research Monitoring Cell” motivates the faculty members to undertake research projects and to do research work. The faculty members applied for minor and major research projects of the University Grants Commission. On the basis of application, the UGC (ERO) grants the research project with financial assistance. The institution grants study leave to prepare the research project. Further, the institution **grants research projects from its own fund**. To recharge teachers college encourages workshop on curriculum planning of different department after/during revision of the syllabus.

**To recharge teachers** college with autonomous six PG courses has developed following research facilities:

- ◆ Arrangement of separate Laboratory space for research work,
- ◆ Subscription of some Research Journals, e-Journals,



- ◆ Arrangement of some modern equipments e.g., HPLC, PCR, Gel Doc Trans-illuminator, Spectrophotometer, computer hardware, software etc.
- ◆ INFLIBNET N-LIST programme,
- ◆ Central Instrument Lab,
- ◆ Central Network Lab with Server facility,
- ◆ Arrangement of Internet facility,
- ◆ Motivation of research by funding from college fund,
- ◆ Accommodation of time for research activity,
- ◆ Motivation of collaborative research activity.

College has taken different initiatives for Collaborative Research e. g;

- Motivation for joint project with University teachers,
- MOU with some internationally reputed institutes like IACS, ISI,
- Collaborative activities with faculty members of Jadavpur University, JNU, Assam University a Central University, Kalyani University

#### Outcome:

- 34 teacher members are pursuing Ph.D. work after registration in different university or institute.
- 10 completed Ph.D and 10 completed M.Phil / M.Tech.
- Five (05) Faculty Members are working as co-guide of PhD and M. Phil of different Universities like Jadavpur University, Annamalai University, Kalyani University, and WBSU.
- 12.5% of faculty members acted as expert/resource person in their respective field of research activity in state, national and international level.
- About 50% of faculty members presented papers in state, national and international journals.

The position of faculty participation in research is given below: **Table No. 2.4.4**

	2009-10	2010-11	2011-12	2012-13
No. of faculty members engaged in Research activities:	21	16	17	20
Amount of Research Grant received from UGC (in Rs.)	4,36,559	5,26,559	1,49,200	5,40,643
Research /Seed money Grants received from college (in Rs.)	2*	30,232 from college & 54390 from UGC for Geography	5,00,000 (For Development of Food & Nutrition Dept.)	3*

\* College funded MRP

#### 2.4.5 Faculties received awards / recognition at the state, national and international level for excellence in teaching during the last four years.

State has least provision of recognition for such excellence in teaching. So, College not yet has any faculty member who has received such recognition.

#### 2.4.6 Evaluation of teachers by the students and external Peers.

Yes, College has a elaborate mechanism of evaluation of teachers by the students which is considered as one of its Best Practices. [Ref. Criterion VII]

**Student Evaluation:** The institution has introduced a system of evaluation of the teachers by the students from the year 2000 and subsequently developed after the guideline of NAAC. The college has introduced the Students' Feedback system well ahead of the instructions given by NAAC.

The feedback from the 3rd yr. outgoing students of UG and End Semester students of PG Semester-IV are taken religiously in the model of conducting examinations through structured questionnaire on different aspects of the college immediately before the



filling up of forms in the month of February-March of every year without disclosing their identity.

The feedback is analyzed by the teachers in the departmental meeting and is recorded. Departmental teachers observe the strengths and the weaknesses of the college and the Dept. and the teachers analyse the suggestion of the students. Analytical Reports are placed to the Principal for discussion in the meeting of Academic Subcommittee, Teachers' Council and IQAC.

In these meeting the ideas are exchanged between teachers, students and non-teaching staff and members of Governing Body. New proposals are formed from these exchanged idea and places before Governing Body. The Governing Body implements the suggestions referred by the academic sub-committee.

**Outcome:** As per suggestions of Students, college authority motives teachers for better teaching process through students centric learning such participation in interactive teaching, tutorial, more participation in interaction outside the class room. Principal, Head and senior faculty members interacts with the teachers for betterment of teaching learning mechanism to satisfy the demand of the students.

**Expert Review:** When seminars are held in the college and the departments the subject experts from various institutions of repute highlight the strength and weaknesses that needs to be remedied. The college goes through the feedback and discusses the possible measures for improvement and implements them.

**Peer review:** The College has a system to conduct peer review in a structured format of NAAC and the college does this work for the last four years. {Documents to be shown at the time of NAAC visit.}

## 2.5 Evaluation Process and Reforms

### 2.5.1 Ensuring that the stakeholders of the institution especially students and faculty are aware of the evaluation processes

The methods by which the institution ensures that the stake holders of the institution are aware of the evaluation processes are the following:

- i. Announcement and official notices circulated to both Teachers & Students
- ii. Class notices are served in each class.
- iii. Prospectus
- iv. Academic calendar
- v. Notification and circular from University

Principal & senior faculty members of each PG department briefs the student regarding the pros and cons of the evaluation process, credit system, internal assessment mechanism, importance of attendance, possibility of choice based credit system etc. at the beginning of the year /semester.

The students of the UG level with laboratory based subjects are also communicated by the senior faculty members during counseling and beginning of the laboratory work. Every student is well briefed on the process of evaluation of external examination/projects/viva-voce throughout the period of their study.

In the annual Parent Teacher Association meeting, the whole evaluation process is clearly explained to the parents.

In addition to these, they have to appear for a model Test examination designed by the institution also just before the University examinations. The PG, semester scheme students take one mid- semester internal examinations every semester.

Other than the University examinations, monthly class tests, mid-term/periodical examinations and practical examinations are the main procedures of institutional evaluation.

In addition, the assignments and presentations that the students make also are evaluated for the purpose of awarding internal assessment marks in PG. Attendance percentage is also one of the criteria adopted for the award of internal assessment marks (UG practical & PG).



The evaluated answer scripts are shown to each of the students by the departmental teachers, pointing out the correct answer and mistakes and shortcoming of their answers. The teachers also suggest the points to be covered to address the question. Follow up actions [such as giving students some assignments, checking & evaluating the assignments till the final corrected forms are obtained] are taken by the Departmental Teachers.

### 2.5.2 Major evaluation reforms of the university that the institution has adopted and the reforms initiated by the institution on its own.

The major reform made by the PG Board of Studies ratified by the faculty Council and Governing Body, introduction of the semester evaluation system and internal assessment system, grading system and grade points in PG in 2009-2010 session. For every theory paper, 30 % marks are allotted internally by the subject teachers through a **method of continuous evaluation**. For every practical paper at PG level, 70% of marks is through **method of continuous evaluation**, 30% is through end semester examination. Our college follows a **uniform 100 point Credit Based** syllabus for all PG, with **Choice Based Credit System (CBCS)** has been introduced in Computer Science PG from session 2009-10. Keeping in pace the system **for provision of continuity in education** the faculty council has introduced the system of special supplementary exam for post graduate examinees.

There is introduction of Weightage on attendance **in UG general practical examination** from session 2009-10. In this process 80% marks would be by the internal teachers through a **method of continuous evaluation** depending on the attendance and performance during the work and rest 20% through Viva-voce.

The project and viva system introduced both in the UG and PG programmes also help the evaluation of students based on their creativity and efficiency in various aspects of their studies. Assignment, seminar presentation, internal exams etc., and active participation in the class form the basis of internal evaluation.

In an affiliating system like ours in the UG level, there is little scope for a college to introduce its own examination system at least in the Theoretical papers. However, when class test or a seminar is evaluated by a teacher, personal impressions of the teacher about the student have some Weightage. It is used for identification of Advance / slow learners.

The major evaluation reforms are initiated by the institution/ affiliating University through changes in curriculum & Reforms in Examinations patterns in order to evaluate the depth of student's knowledge, skill, aptitude to problem solving, ability to communicate etc. Further, project work has been introduced in different subject (Economics, Sociology, and Commerce), updation of syllabus (Commerce, Political Science), change in question pattern (Commerce, Political Science) introduction of contemporary global issues (Political Science).

To do this, the college along with the W.B.S.U. takes part in the revision of curriculum / syllabus at the U.G. level and directly at the P.G. level Food & Nutrition, Geography, Computer Science, Micro-biology, Commerce (ACFM & MRTM). In all the disciplines (subjects), the syllabi have been revised from 2009 and again in 2010 at the UG level and the PG departments of Computer Science, Micro-biology, and Commerce have revised their syllabi in 2008 and it will be effective from 2009-2010 session on semester basis.

There has also been a reform in the examination pattern. The evaluation method of organising examination on Annual basis has been changed to Class Tests, Periodical and Test Examination. The college maintains **continuous evaluation system** which is a unique feature of the college. Along with this, University level examination is taken. The college is using MCQ technique in the class test to evaluate the depth of knowledge of the students with respect to a particular topic, thus making them **prepared for employability** in future.



### 2.5.3. Effective implementation of the evaluation reforms of the university and those initiated by the institution on its own.

The University has its own elaborate mechanism to conduct the summative examinations on annual basis and it implements any examination reform effectively through the decision taken by the Examination committee of the University. The college has little say in evolving an UG examination pattern in the University examination process except when these questions are taken up for discussion in University academic bodies like BOS of the concerned departments. Almost all our teachers are University examiners and many of them are the BOS members in their subjects and they put forward their views and suggestions as and when a reform is introduced.

There is a college-level UG examination committee along with academic sub-committee which is vigilant enough to see that reforms initiated are effectively implemented. The BOS members effectively maintain the linkage between the University and the college in examination matters and these faculties keep track of all the developments in the University's examination operations.

In the case of PG courses Principal as the Controller of Examination and Faculty council and PG Board of Studies (BOS) conducts the post graduate examination, oversees the evaluation and allied works in connection with examination. Internal exams are announced early enough and Examination coordinator appointed by the respective PGBOS collects question papers from the teachers on a prescribed notified date. Internal evaluation is made based on prescribed norms given by the PGBOS and ratified by faculty council. The examination regulation is displayed on the college website.

### 2.5.4 Formative and summative assessment approaches adapted to measure student achievement.

In the **Formative Assessment** every semester the autonomous PG student appears for continuous assessment is performed by multiple assessments (like class tests, presentations, project, assignments, regular laboratory work etc.) and average of them are taken as their score. These tests are enable teachers to take account of the results of assessment. Other testing such as quiz, interview, viva-voce, practical examinations, field report and assignments are also made use of for both UG and PG students.

Scores of the assessment done periodically for UG students are shown to the students; so as to encourage continuous participatory improvement but these scores has no direct involvement of the summative assessment; it is acting as a complementary to the summative assessment.

The UG level test examination is held by the college, as per the university pattern, every year just two months before the university examination. These papers are evaluated by college teachers this acts as preparatory examination.

Summative Assessment, the final assessment of performance at UG level held at the end of every year is external and is carried out by the university.

In UG, the final evaluation is carried out by the examiners appointed by the University and the teachers of the college hardly have any chance to evaluate the papers of their own students.

Formative and summative assessments have typically congruent outcomes. The results of the formative test help the teacher to decide on the teaching-learning process according to the academic level of students while the other occurs at the end of a learning unit and determines how much of the content taught is retained by the student.



### 2.5.5 Significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students

The system of internal assessment for UG level has no significance as internal assessment does not exist at all (other than practical exam).

The system of internal assessment for PG is practiced in this institution as per the guidelines of the faculty council and PG BOS since 2009. Attendance of the student is given special weightage and the marks for regular attendance is carried over in internal assessment. 50% of marks of total internal assessment are on attendance.

The internal evaluation is based on predetermined transparent system involving periodic written tests, assignments, seminars and attendance in respect of theory courses and based on written tests, lab skill/ records/ viva and attendance in respect of practical courses.

To ensure transparency of the evaluation process, the internal assessment marks awarded to the students in each course in a semester is added with the end semester marks and is published. There is no chance for improving the internal marks. If they have any grievance, they can immediately approach the Head of the Department or the Principal/ Controller of Examination and seek redress by PPS (post-publication scrutiny).

The convener and coordinators of the specific semester examination maintain the academic record of each student on the programme-rolls and tabulation sheets of PG semester examination are forwarded to the PGBOS meeting for finalization of the semester result. Any further grievance on the part of the student placed before the Controller of Examination is addressed by the Head of the Department or the Chairperson of the course for redress by supplying the photo copy of the answer script and it is done as per the regulation of Examination by the Controller of Examination.

### 2.5.6. Graduate attributes by the college and its attainment

To ensure that the students graduating from this institution has certain specific attributes (Soft Skills, Communication Skill, Mathematical Aptitude and Reasoning) besides those expected by the University syllabus. A graduate from this institution is supposed to be in possession of the value based and value added skills such as:

**Communication Skills (CCE) for global requirement; Compulsory Computer Literacy Programme (CLP); Social and ethical values of high standards; Application skills; Problem-solving skills; Team-work skills etc.**

With these attributes the graduate students of this institution, are able to contribute national development and to foster global competencies through achievement and fulfillment of our objectives i.e.

- Advancement of learning accompanied by modern teaching aids,
- Provision of need based higher education to cope with the changing requirements of the society
- Attainment of excellence through academics.

### 2.5.7 Mechanisms for redressal of grievances with reference to evaluation both at the college and University level:

At the PG level, if the students have any grievance, they can immediately approach the Head / Chairperson of the course or the Principal and seek redress by PPS (post-publication scrutiny). College addressed the grievances of the student of PG level with the help of the Head / Chairperson/ Semester coordinator of the examination by post-publication scrutiny of the answer script and announces the PPS and result is notified by the controller of examination. Candidate is offered supplementary examination for improvement. For the unsatisfied students grievances are redressed by supplying the **photo copy of the answer script.**

At the UG level college examination, if there is any dissatisfaction on the part of the student regarding evaluation, the students directly approach the faculty members of



the department. The faculty members show the evaluated answer-script to the students. If there is any change in the evaluation process that is corrected by the faculty members and the corrected marks are put with the marks slip available with the office.

At the UG University Examination, if the students are not satisfied with their results they can apply for review of results as per university guideline. This applications forwarded by the principal are sent to the university. After review a fresh mark-sheet is provided to the students by the university through the college showing improvement/ no change in marks.

## 2.6 Student performance and Learning Outcomes

### 2.6.1 Clearly stated Learning outcomes of the Institution

Yes, learning outcomes are clearly stated for each autonomous PG course as preface to the syllabus or curriculum. For UG courses, when the course content is prepared by the Boards of studies of the University it is prepared with a clear statement of Learning Outcome for some departments only and these were placed in the workshop of the concerned department for discussion and its finalization. After approval by the University Executive Council, the syllabus is up loaded to the University Website for implementation of the course content with a clear statement of Learning Outcome. A copy of the course content with the learning outcomes is made available to the students and the staff to make them aware of it. Moreover, teachers sometimes convey the learning outcomes of the curriculum during the beginning of the session. For PG courses, Students' performance and Learning Outcomes are well expressed in the counselling and introductory meeting of the students. These are also discussed during the progress of the curriculum.

### 2.6.2 Monitoring and communication of the progress and performance of students through the duration of the course/programme.

This institution has in place a comprehensive system of monitoring the progress and performance of the students, and the results are communicated to the students concerned and their parents without fail. At present, this information is passed on to the students & also to the parents in the Parent –Teacher interaction held in each year. The system has been beneficial as an effective feedback for the parents and teachers on which they could take timely and appropriate action. It has also been advantageous as the most measurable feedback for the teachers on the effectiveness of the teaching-learning-evaluation process in practice in the institution.

The evaluation report of performance of the students in the test examination plays a key role for their progress during the course. Both theoretical and practical examination are organized in the model of university examination (duration, nature of experiment etc. keeping similar). The students can assess themselves through this test examination and motivate them to fulfill the gaps.

We are furnishing below the programme-wise result of last four years of our students (UG & PG separately) and prominent achievements in respect of the final assessment of various programmes. The table also shows the pass percentage, numbers of 1<sup>st</sup> class in final examination.

**Table 2.6.2a Result of B.A. /B.Sc. & B.Com. Part- III Examination [2010-2013]**

Subject	2013			2012			2011			2010		
	% of Pass	No. of 1st Class	Rank Holder within Top 10	% of Pass	No. of 1st Class	Rank Holder within Top 10	% of Pass	No. of 1st Classes	Rank Holder within Top 10	% of Pass	No. of 1st Class	Rank Holder within Top 10
<b>BNGA</b>	98.51	0	-	97.30	0	-	98.53	2	02	100	0	-
<b>CEMA</b>	95.24	10	-	100	15	01	95.65	13	02	100	3	-



CMSA	100	17	03	95.65	16	1 <sup>st</sup> + 05	100	17	1 <sup>st</sup> + 06	100	12	1 <sup>st</sup>
CPAA	96.99	42	1 <sup>st</sup> + 03	96.21	62	04	99.21	62	1 <sup>st</sup> + 07	92.5	45	-
ECOA	70.59	5	1 <sup>st</sup> + 04	96.43	7	1 <sup>st</sup> + 05	100	8	1 <sup>st</sup> + 07	72	0	-
EDCA	90.57	2	-	93.10	21	1 <sup>st</sup> + 04	98.41	8	01	100	3	-
ELTA	83.33	2	06	90.00	1	02	100	7	1 <sup>st</sup> + 04	84	10	1 <sup>st</sup> + 02
ENGA	97.14	1	01	94.12	5	05	96.36	8	03	94.6	0	-
FNTA	96.55	16	1 <sup>st</sup> + 03	100	15	06	95.24	18	1 <sup>st</sup> + 07	100	21	-
GEOA	100	0		100	0		100	5		97	0	
HINA	90.00	1	01	90.32	0	04	100	1	06	96	2	01
HISA	100	0	02	98.18	0	02	100	0	05	94	0	-
JORA	94.59	7	-	90.70	12	05	96.88	7	03	100	0	-
MCBA	100	11	1 <sup>st</sup> + 04	95.65	17	01	100	19	1 <sup>st</sup> + 06	100	3	01
MTMA	97.14	10	-	96.88	13	02	83.33	7	02	83	10	02
PHIA	91.67	2	02	86.84	0	-	100	5	03	80.6	3	-
PHSA	78.57	12	02	100	9	02	95.45	14	-	100	5	01
PLSA	100	0	04	96.08	0	1 <sup>st</sup> + 01	95.56	0	02	93.8	0	-
PSYA	90.91	2	1 <sup>st</sup> + 07	91.30	3	1 <sup>st</sup> + 07	100	7	1 <sup>st</sup> + 09	100	1	01
SOCA	84.85	1	08	93.88	0	03	93.10	2	02	87.5	0	-
SOMA	92.78	15	1 <sup>st</sup> + 07	94.12	28	1 <sup>st</sup> + 09	98.29	36	1 <sup>st</sup> + 08	100	3	01
ZOOA	87.50	6	02	100	16	03	-	-	-	-	0	-
BBA				100	02		100	09		-	-	
<b>Total</b>	<b>94.08</b>	<b>162</b>		<b>95.3</b>	<b>240</b>		<b>98</b>	<b>246</b>		<b>94.9</b>	<b>126</b>	
GEN. (B.A.)	92.70	01	-	79.2	-		87	-		84.75	-	
GEN. (B.Com.)	95.96	01	-	76.5	-		87	-		81.36	-	
GEN. (B.Sc.)	100	-	-	91.67	03		95.5	-		94.74	-	

RESULT OF M.Sc. / M.Com. FINAL (SEM I - IV) EXAMINATION									
Subject	2013		2012		2011		2010		
	% of Pass	No. of 1st Class	% of Pass	No. of 1st Class	% of Pass	No. of 1st Class	% of Pass	No. of 1st Class	
Computer Sc.	100	28	100	28	100	24	100	26	
Microbiology	100	24	100	24	100	25	100	17	
Geography	100	29	100	24	100	25	-	-	
Food & Nutrition	88	22	100	24	-	-	-	-	
AFCM (Commerce)	100	24	100	35	100	21	100	14	
MRMM (Commerce)	100	29	100	21	100	30	100	13	

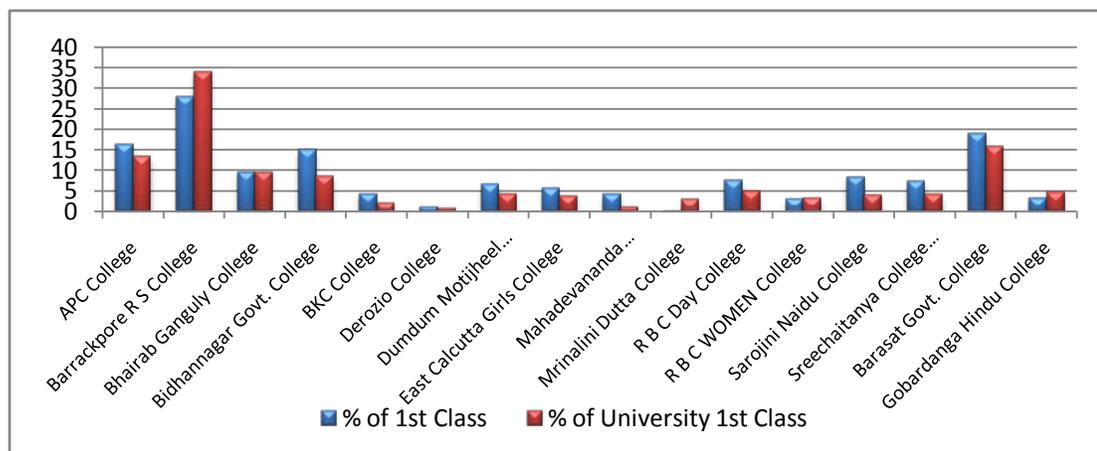
The table shows that students of almost all programmes (UG & PG) have secured an excellent pass percentage. For UG, pass percentages are mostly above 95% and in many of them pass percentages are 100%. For PG, in most of the programmes pass percentage is 100%. Thus the pass percentage depicts an excellent teaching learning atmosphere in this institution.



**Table No. 2.6.2b Comparative Sheet of Final Result 2011 under West Bengal State University (received from University document)**

Sl.	Name of the College	% of Pass			No. of 1 <sup>st</sup> Class	% of 1 <sup>st</sup> Class	% of University 1 <sup>st</sup> Class	% of University Success Rate*
		Appeared	Passed	% of pass				
1.	APC College	466	446	95.71	77	16.5	13.6	6.02
2.	<b>Barrackpore R S College</b>	<b>876</b>	<b>853</b>	<b>98.02</b>	<b>246</b>	<b>28.08</b>	<b>34.31</b>	<b>9.68</b>
3.	Bhairab Ganguly College	604	562	93.05	59	9.7	9.62	7.13
4.	Bidhannagar Govt. College	198	185	93.43	30	15.15	8.77	3.25
5.	BKC College	157	143	91.08	7	4.45	2.15	2.52
6.	Derozio College	249	233	93.57	3	1.20	0.83	3.42
7.	Dumdum Motijheel College	321	303	94.39	22	6.85	4.46	4.50
8.	East Calcutta Girls College	305	292	95.74	18	5.90	4.00	3.73
9.	Mahadevananda Mahavidyalaya	137	130	94.89	6	4.37	1.25	1.95
10.	Mrinalini Dutta College	310	294	94.84	13	0.32	3.00	3.85
11.	R B C Day College	364	341	93.68	28	7.69	4.99	4.52
12.	R B C WOMEN College	319	311	97.49	10	3.13	3.30	4.74
13.	Sarojini Naidu College	200	190	95.00	17	8.5	4.11	2.79
14.	Sreechaitanya College Habra	341	324	95.01	26	7.62	4.27	4.73
15.	Barasat Govt. College	347	332	95.68	66	19.02	16.14	4.84
16.	Gobardanga Hindu College	448	414	92.41	15	3.34	4.85	6.54

\* Indicating % of students getting success from a particular college w.r.t. the total university strength





The above table prepared as per the data received from the university authority clearly shows that **the college is in a top position amongst the other leading colleges under the affiliating university.**

In PG, all the autonomous courses consistently run for all the years. For all the other subjects it is almost 100%, except in few cases. Thus the PG results also give an excellent picture.

### **2.6.3 Teaching learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes.**

The strategies of teaching, learning and assessment and its structuring are determined by the learning outcome and these strategies of this institution are integrative in order and consistent. They are designed in a way to ensure that the learning outcomes are successfully achieved. The BOS takes sufficient initiative for planning and mapping to facilitate the achievement of the intended learning outcomes. College allows space in the curriculum for students to learn in different ways. It also ensures that there is essential balance between lectures, seminars, and independent and collaborative learning activities in the programme, providing for generating a desire for enquiry and research among the students. As students coming from different social and cultural circumstances learn in different ways, assessment is designed as an inclusive strategy that accommodates all students. The assessment strategy also provides the students opportunities to self-monitor their own work and that of the peer. In case of inability of a student to achieve learning outcome, remedial coaching, counseling classes, are adopted to improve the situation. Feedback from the HR, Society, Students' feedback at the end semester for PG course, and from the alumni guides us to assess whether the learning outcomes are achieved.

### **2.6.4. Measures / initiatives taken up by the institution to enhance the social and economic relevance of the course offered in context of Quality jobs, entrepreneurship, innovation and research aptitude.**

The measures/initiatives taken up by the institution to enhance social and economic relevance are the following:

1. For UG Courses, the affiliating university frames the syllabus and the college with its best effort imparts teaching according to the syllabus by blending value added programmes to make it more quality job oriented. The syllabus is revised in a time interval with the help of the UG Board of studies considering the current social and economic relevance for the courses offered.
2. For PG autonomous courses syllabi and curriculum planning are made by the college. In planning of such PG Courses and its execution the institution has initiated the following steps:
  - In case of Microbiology 'bio-safety & bio-ethics' and 'bioinformatics' have been introduced to have the course better application for industry.
  - Likewise, in Food & Nutrition initially course was considered to Home Science, presently its requirement in the job market is oriented towards health care industry accordingly syllabi and curriculum is oriented in that direction.
  - In Computer Science the syllabi and curriculum was more theory oriented than application but as per requirement of IT Industry and research importance is given on various Language Learning, Application of Software development tools, VLSI etc. To teach this emerging courses college takes the help of expert faculties from the outside.
  - In Geography, 'fluvial' as specialization has already been introduced and department is in active consideration to introduce 'Environment' as specialization.



- In Commerce, new accounting procedures, and computer accounting with the help of Tally and other software have been introduced as hand on work.
- 3. In regard to innovation and research aptitude, the curriculum has been designed incorporating dissertation and case studies for each and every PG Courses. The project work is being done either in campus or outside campus in research institutes/Universities, hospitals and health care industries, banks and other manufacturing industries.
- 4. Further, at the UG level some of the departments in their course curriculum have introduced project work which is supervised by the departmental faculty members. Moreover, each department is organizing departmental seminar where students are the speaker of a pre-assigned subject which also assist to inculcate collaborative learning and to enhance research aptitude of the students.

#### **2.6.5. Collection and analysis of data on student learning outcomes and its use for planning and overcoming barriers of learning.**

Institution has developed a system of collection of data related on student learning outcomes which is based mainly on the following format:

1. Measure of achievement of the learning outcome of the UG and PG programmes are collected using the following tools:
  - a) Results of the Periodical Assessment and Class Test conducted by the department;
  - b) Results of the Internal Assessment (both Continuous evaluation of the experimental Skill & Mid Sem) conducted by the PG departments;
  - c) Evaluation of oral skill through collaborative presentation of any scientific topic;
  - d) University examination results and result of the End Sem;
  - e) Feedback from stakeholders;
  - f) Employment rate on campus record and outside Campus record; Data collection on placement is in the process of the institution
  - g) Student progression in PG level and success in National and State level Examination;

2. Procedure to analyze the data:

- a) In UG level, data received from the aforesaid method are analyzed in the departmental review meeting, review in the meeting of academic sub-committee, review in the meetings of teachers' council.
- b) In PG level, review of results received from the aforesaid methods is analyzed in the departmental review meeting, and in PGBOS meeting.

Results of evaluation are imparted to students for their betterment. Any barrier in learning revealed through feedback and assessment is communicated to authorities.

**Use:** Results of analysis of data on student learning outcomes are used for recommendation for changes in curriculum to the University for UG programmes. Sometimes Value added programmes are blended with the curriculum for student employment and admission in other institutions for higher studies. For PG programmes also some Value added programmes, special class for NET/ SET, participation of National /International Seminar / Symposium, cutting edge short course etc are blended with the curriculum for student employment and admission in other institutions for higher studies. The result of evaluation and feedback reveals whether any barrier exists in achieving the learning outcomes. Steps are taken to remove the barriers while planning for the next semester/academic year.

#### **2.6.6 Institutional Mechanism of monitoring and ensuring the achievement of learning outcome.**

For PG departments, the PGBOS of the respective departments are entrusted with the activities of identifying the Learning Outcome of the PG curriculum. For UG departments, academic Sub-Committee, Teachers Council and IQAC of the college, Career Development Cell function as the Assessment Committee entrusted with the responsibility to monitor the institutional learning outcome.



Learning Outcome and its achievement are reviewed by periodic and systematic review mechanism of the institution. It is recommended to the BOS of the University for UG through our faculty members.

Faculty Council for PG departments took initiatives for appropriate changes, modifications and alterations of the concerned programmes through faculty members who are also members of such bodies. Suggestions from Parent Teacher Association meetings, HR & Alumni and Students feedback are also used for introduction of new courses in emerging areas of knowledge or industry. Faculty Council is coordinating the collection and analysis of assessment data and is giving directions to the PG departments to incorporate the methodology to equip the students through NET/JRF examination coaching, the outcome of which has been commendable.

Under these monitoring systems, faculty members try to understand each student personally both in the UG and PG level. Students with learning difficulties are given special coaching, remedial classes, counseling classes, communication skill, Job and Career Oriented classes etc.

#### **2.6.7 Use of assessment/ evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning by the Institution and the individual Teacher.**

The institution and the faculty members assess/evaluate the students on the basis of class test mid-term/periodical examination and test examination. The institution frames a time period within which the results of different examination are to be announced this is notified in the college notice board and web-site. After the results are over the departmental faculty members show the assessed answer scripts to the students pointing out the deficiencies of the answer and assist the students to formulate the model answer as per the university guideline provided at the final examination of the university.

**Example:** Before evaluation of the answer scripts in the university examination, the Head Examiners (HE) of the respective paper organises a meeting to frame an assessment scale of evaluation. For Chemistry, Microbiology and for some other subjects the HE prepares a model answer. The Model answers are discussed in the examiners meeting and evaluation is made according to that guideline. These Model answers are also used for assessment of the college examinations. For internal assessment there is a specific guideline by the University for UG practical exam. Faculty council of the college has also prepared a specific guideline for the internal assessment of the autonomous PG programmes.



### CRITERION III

#### Research, Consultancy and Extension

Barrackpore Rastraguru Surendranath College gives due importance and thrust to the development of research, consultancy and extension activities in all disciplines. It continues with its endeavour to institutionalize a spirit of community centric research culture through promotion of increased involvement of faculty and students in inter-disciplinary and collaborative research programmes, quality publications and extension of different Linkages. It provides well-equipped laboratories and libraries, adequate fund for sponsoring research projects and other research-enabling facilities for facilitating research in various subjects. Teachers as well as students are encouraged to participate in national and international conferences organised by the college and other institutions. They regularly organize state and national level conferences and seminars in collaboration with other institutions.

#### 3.1 Promotion of Research

The institution has a vibrant research culture with most of the faculty members and many students across the disciplines engaged in research activities, presenting papers in seminars and conferences, and undertaking projects funded by the college as well outside agencies. Research-oriented teaching and learning is encouraged at undergraduate and postgraduate levels. There is a **Research Monitoring Cell** functioning since April 29, 2004 as a support system to encourage and enable the faculty members to undertake research activities along with their teaching. The research scenario in college may be classified into broadly three categories; **firstly**, the research/ project by PG students guided by the college faculty, **secondly** by faculty members themselves and **thirdly** by students of higher than PG standard working under guidance of college faculty.

##### 3.1.1 Research Centres

The institution has three research centers under the Department of Physics, Microbiology and Food and Nutrition recognized by the affiliating University- West Bengal State University and partially funded by the Department of Biotechnology (DBT), Government of India and DBT, Government of West Bengal. Three other PG departments have recently taken initiatives to develop Research Centers with the approval of the University.

**Table 3.1.1 Details of the Research Centres**

Research Centre	Year of Approval	Funding Agency
Physics	2011	UGC and College
'Centre for Advanced Studies in Microbial Technology' under the Department of Microbiology	2012	DST, DBT, College
'Centre for Advanced Research in Food & Life Sciences' under the Department of Food and Nutrition	2013	DST; College
'Centre for Environmental Studies' under the Department of Geography	2013	DST; UGC; College
Computer Science	2013	DST; College
'Centre for Studies in Financial Markets' under the Department of Commerce	2013	UGC; College

##### 3.1.2 The Research Committee of the College

The college is having an active committee, named Research Monitoring Cell, operating since April 29, 2004, to promote and sustain an environment of



scientific thinking and research culture among the faculty and students in pursuance of research excellence.

#### **The Composition of the Research Monitoring Cell (RMC):**

- Principal as the Chairman of the Cell;
- One member from Science and one from Social Science as the Joint Conveners of the Cell;
- Five teachers representing the disciplines of Science, Social Science, Humanities and Commerce, preferably chairperson or conveners of the PG Departments and research guides, recommended by the TC and approved by the GB as members of the Cell;
- Secretary of Teachers' Council as member of the Cell;
- IQAC Coordinator as member of the cell;
- One external member who is an eminent researcher.

The Cell works as a facilitator for maintaining a vibrant research rhythm in the organization via its consultancy assistance to the faculty and students to undertake research activities and also by monitoring and reviewing the research activities periodically according to the quality norms envisioned by IQAC and NAAC.

#### **Recommendations of the Cell and its Impact**

- To increase the number of **college-funded research projects from six to ten** and also to increase the upper ceiling of funds for science as well as for humanities and social science. As a result, number of **college funded research projects has been increased to 10 (ten) with** increased allocation of **Rs.2 (two) lakhs per project** for science and **Rs. 1.5 (one and half) lakhs per project** for humanities and social sciences in tune with the UGC norms (XI plan)
- To facilitate research activities adequate time slots are provided by offering flexible class schedule for those undertaking Ph.D. coursework. Besides, scholar faculty members, engaged in active research, are allowed to leave early at 11.30 am on one day of their choice per week in addition to the preparatory day for library and experimental work
- To motivate faculty members to act as research guide, the concerned departments are to be upgraded to work as research centres and their full-time Ph.D. scholars (3<sup>rd</sup> category of scholars) are to be provided with Research Fellowship from the college of Rs.10000- 12000/- per month and contingency grant up to one lakh rupee per annum
- To promote research linkage with other universities/institutions for smooth pursuance of research projects through use of their labs, libraries and e-resources
- To provide faculty and students with the sustained facility to use the resources of libraries of repute, like British Council Library, through institutional membership. Access to e-journals and e-books are also provided through N-list INFLIBNET; continuation of **subscription of IEEE journals**
- To create a **separate fund for purchase of new subscription of research related e-journal packages** published by **Springer and Elsevier**. The committee requests the Librarian to explore the financial implications for the above proposal and inform the Principal immediately, so that he may proceed on the financial aspects.
- To avail financial assistance of various institutions and agencies, like UGC, DBT, DST, CSIR, faculty members are regularly encouraged through IQAC and RMC.
- To encourage a tempo of inter-disciplinary research, UGC sponsored inter-



disciplinary seminars have been organized over the last four years. PG students are also encouraged to take up projects on inter-disciplinary topics in order to broaden research perspectives

- To provide an intellectual platform and to encourage the spirit of publishing interdisciplinary research papers, Department of Commerce is publishing a peer-reviewed inter-disciplinary research journal, “Journal of Business and Economic Issues” [ISSN (Print): 0974-9144] wherein articles of interest on contemporary issues pertaining to the field of Accounting, Finance, Business Laws, Management, Economics and allied areas are being published since 2009. The State/National Seminar proceedings of the various departments are also brought out in book form with ISBN over the last five years.
- To form a physical and/or electronic repository of published research works done by the teachers and students of our college in its library
- To make a provision of seed money to start with research activities at its earliest pending actual disbursement of funds from UGC/other external agency
- To organize national level seminars funded by agencies like UGC in collaboration with organizations of repute as recommended by the NAAC Peer Team during the last visit in March, 2009.
- To inculcate the spirit of Campus to Community research culture departments are encouraged to undertake community-oriented research projects involving students.

**Outcome:**

- At present, 01 faculty members is pursuing major research project funded by DBT, Govt. of West Bengal, 28 faculty members are undertaking minor research projects funded by UGC and 06 faculty members are working in the projects funded by the college. DST-FIST sanctioned Rs. 50 lakhs in 2012 for the post graduate learning & research infrastructure development of the Faculty of Science. DBT sanctioned Rs.19.7585 lakhs in 2011 for a research project in the department of Microbiology. A Research proposal of Rs.40 lakhs from the Department of Food and Nutrition has already received primary approval from the DBT, GOI, and now awaiting for final approval.
- As a result, at present 5 (five) of the faculty members are acting as research guides, 10 completed Ph.D,34 registered for Ph.D, and 10 completed M.Phil. under various reputed universities and institutes, like University of Calcutta, Jadavpur University, Kalyani University, West Bengal State University, ISI, BESU, IICB, etc.
- The college allocates funds to promote research/project by PG students guided by the college faculty (first category of scholars). Keeping in view the underutilization of the allocated funds, the Cell has recommended an **outcome based allocation** of funds to the various PG departments based on the research performance of their scholars.
- Considering the development and usage of various tools, technique and software as a part of modern research methodology and on the recommendation of the RMC, the college has purchased/subscribed number of data analysis/research software and database like SPSS, MATLAB, CMIE-PROWESS. To create expertise in using/accessing such tools/database, the cell has recommended holding of seminars/talks regularly on such topics in addition to various topics of cutting edge research to be delivered by external and in-house resource persons. As an outcome, the college/its various departments /IQAC have come out to organize 69 seminars/workshops over



the last four years. Details are provided in the institutional website.

- Six Faculty members are now working in the College Funded MRP in addition to the UGC and DBT funding for research.
- Altogether there have been 14 (fourteen) UGC sponsored state/national level seminars/workshops in collaboration with different universities and research bodies on themes that are mostly inter-disciplinary in nature. The proceedings/edited volumes are regularly published. Apart from that, there is a commendable increase in the number of departmental level seminars wherein academic linkages with reputed scholars are formed. Students also have their papers in these programmes.
- Departments like Geography, Food & Nutrition, Sociology, Economics, Political Science, and History have undertaken community-oriented research projects involving students the findings of which are often were sometimes presented in the form of poster, paper in different seminar and symposium.

### **3.1.3 Measures taken by the Institution for Smooth Progress / Implementation of Research**

To promote and ensure smooth progress/implementation of higher research, a number of measures are usually adopted by the college.

- Principal Investigators of the UGC sponsored and college-sponsored projects given full but responsible autonomy in research projects, from the initial project proposal preparation to the final publication of the results
- Funds sanctioned by the Central/State government or other agencies to the Principal Investigator released without delay according to stipulated norms.
- To provide financial assistance to make an early start and continue with the smooth progress of the project the institution provides seed money in the interim period.
- Necessary infrastructure, manpower and other support services always provided within the campus. Lab, library, internet, software (like, SPSS, MATLAB), database (CMIE-PROWESS), etc. are always at the disposal of the scholars absolutely free of cost.
- Introducing campus wide access to knowledge and resources through WI-FI.
- Students are introduced to the use of ICT and modern technology in education and research through the virtual lab, digital classrooms with Smart-boards, NPTEL Resources, e-journals and e-books from INFLIBNET N-list and other open source e-contents.
- Faculty members on UGC-approved posts sanctioned study leaves/leave under Faculty Development Programme (FDP), flexible teaching schedule keeping in consideration the relevant government regulations to pursue their M.Phil./Ph.D. programmes/coursework. Others are also granted with flexible teaching schedule as well as full paid on-duty leaves adjusting the class schedule. They are also allowed to avail short study leaves for course work, dissertation and for the preparation of examinations of M.Tech. and/or M.Phil. degrees
- Leaves also provided to enable teachers to participate/present papers in different seminars and conferences and also to undertake research methodology training. In certain cases faculty and students are also provided with financial support in terms of travel expenses and registration fee for presenting papers in seminar

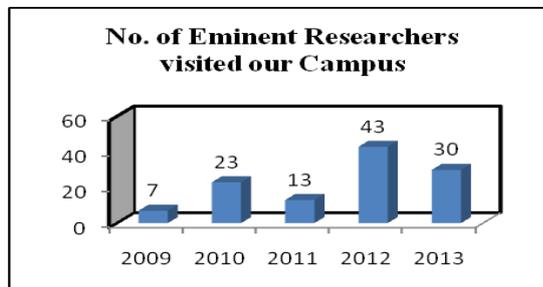


- The GB and the Head of the Institution offer all the required support in this regard

### 3.1.4 Developing Scientific Temper, Research Culture and Aptitude among Students

Promotion of Scientific Temper/Research Culture among students is considered as one of the priority areas in our institution and usually achieved through the followings

- A vibrant research culture is built up in the campus through Departmental/State/National level seminars, conferences, workshops, departmental publications, faculty consultancy to students and invited talks. (More than 100 eminent resource persons in various disciplines have visited the college and interacted with the students)
- Availability of rich research library resources (Subscription to **6000+ e-journals and 90000+ e-books** through N-List offers the students a treasure of knowledge. Library has a research wing for promoting research endeavours exclusively.
- About 26 class rooms and Seminar Halls are arranged with the LCD projectors, WI-FI connectivity and thus students are introduced to the use of ICT and modern technology in education
- Different awareness generation programmes are organized regularly for students to inculcate awareness and scientific spirit among them. Equal Opportunity Cell, Health Sub-committee, the Thalassemia Eradication Centre are always active to aware students on Thalassemia, adolescence health problems, prevention of ailments like Cancer and AIDS, Gender discrimination, women's rights, minority, etc.
- Central Instrumentation lab, usage of the modern equipment for the direction of future research work and better exposure towards R&D activity.
- To commemorate the College Foundation Day the college every year organizes Rastraguru Surendranath Banyopadhyay Memorial Lecture by eminent researchers with a motto to inculcate scientific spirit and awareness among the students. Various other days like AIDS day, Environment day, Language Day are also observed
- Guidance of projects of UG and PG students by faculty in such a way that genuine interest in research is built up. Assignments on contemporary issues are provided. Workshops and classes in research methodology are arranged for the purpose
- Annual Book Fair in the campus to invoke the spirit of buying and reading books. Students can browse through books and avail them at special discounts. They can also place requisition for text and reference books to their respective departments for departmental and/or central library
- Ensuring the involvement of students (Faculty engaged in projects, research and extension activities take care to involve students in various stages of their research work and prepare them.) Complete involvement of PG





students in all the processes concerning research activities, including project proposal and seminar paper presentations

- To promote team work and independent thought process, students of almost all the departments encouraged to come out with annual wall magazine on regular basis
- Assignments on latest research findings and inventions are given to PG students to motivate them for future research.
- DST-Inspire Programme organized by the college to provide scientific temper among the school students.

### 3.1.5 Faculty Involvement in Research Faculty as Guides

The faculties of different departments are involved in guiding and supervising M.Phil. and Ph.D. students under different universities like the West Bengal State University, Jadavpur University, BESU, Annamalai University. Besides, almost all the faculties of the PG Departments remain involved as PG project guide. Altogether 05 faculty members are now registered to act as Ph.D. supervisors representing Departments of Microbiology (one), Physics (one), Economics (one), Psychology (one) and Sociology (One). Two faculty members of the Department of Microbiology and two from Food and Nutrition are waiting for their approval as research guides. As of now, 3 Research scholars are working under their active supervision

**Outcome:** During the last five years 2 faculty were granted leave for pursuing Ph.D. studies. At present, 34 faculty members (Science: 21 and Humanities: 13) are pursuing Ph. D. study. A total of 25 faculties undertook Ph.D. studies during the post accreditation period (2 under FDP and rest on part time basis); of which 13 are already awarded. 28 UGC minor research projects were also undertaken by the faculty during the period, of which 11 are successfully completed.

#### Faculty Leading Research Projects

The members of the faculty had taken up and/or completed a number of research projects funded by the UGC, DST, DBT, College and other agencies during the last four-year period. There are 11 completed projects and 34 on-going projects (**including 6 college funded projects**) during the period which include project on interdisciplinary topics, projects of state and local bodies. Guiding PG student's research projects is a part of teaching in this institution. Our faculty members evaluate the dissertations of our own UG and PG students. Faculty from the Department of Microbiology, Food and Nutrition, English and Commerce evaluate PG level projects/dissertation and Ph.D. thesis of other institutions and universities.

#### Faculty Engaged in Individual/Collaborative Research Activity

One faculty member is supervising Ph.D. students in collaboration with the faculty of Jadavpur University. Faculty of the different departments individually and in collaboration with others have presented more than 180 research papers in various Regional/State/National/International seminars and published more than 230 research papers in various National and International journals.

### 3.1.6 Workshops and Programmes for Capacity Building and for Imbibing Research Culture among the Faculty and Students

This institution has been involved in capacity building in terms of research by taking up different initiatives. Research Monitoring Cell plays vital role in imbibing research culture and monitor the progress in this respect through regular meetings. The Table below gives the details of some of the workshops conducted for capacity building and for imbibing research culture among faculty and students.



**Table 3.1.6 The Workshops /Sensitization Programmes/Conducted For Faculty and Students**

Sl. No.	Date	Topic	Resource Person
1	27th February, 2013	"Better Library Use and Management"	Dr. Biswajit Das, Assistant Librarian, The Burdwan University
2	2nd March, 2013	Green Energy and its opportunity towards Entrepreneur	Dr. Saktipada Gon Chaudhuri, Former Director, WBRETA
3	10th & 12th August, 2013	Open Source Technology: LaTeX & PostgreSQL	Prof. Nadinee Mukherjee, JU, Prof Mandar Mitra, ISI, Sri Sourav Sengupta, ISI
4	17th & 18th May, 2013	Statistical Methods for Data Analysis (using SPSS)	Prof. Amitava Sarkar, ISI, Kolkata, Prof. Arabinda Bhattacharya, Dept. of Business Management, CU , Prof. Gautam Banerjee , NIT Durgapur
5	12th October, 2012	"Literature & Music in Bengali Film"	Prof. Pallav Mukherjee, Dept. of Journalism & Mass Communication, WBSU, Dr. Apurba Biswas
6	7th August, 2012	"Application of Fuzzy Sets in Social Science Research"	Dr. R.P. Chakraborty, Dr. S.C. Panja
7	8th October, 2012	"Sampratic Bangla Natok O Monchavinoy"	Sri Debshankar Halder
8	18.09.2012 to 23.09.2012	"The Science Renaissance"	Prof. Dhruvajyoti Chattopadhyay, Pro-VC (Academic), University of Calcutta, University of Calcutta, Dr. Debiprasad Duari, Research & Academic of M. P. Birla Institute of Fundamental Research, Prof. Sanjib Bagchi, Indian Institutes of Science Education and Research, Kolkata, Prof. Chanchal Dasgupta, Indian Institutes of Science Education and Research, Kolkata, Prof. Sunanda Banerjee, Saha Institute of Nuclear Physics, Kolkata.
9	29th March, 2012	"Great Revolution (Sepoy Mutini in the Context of Barrackpore)"	Sri Ajoy Pal, SDO, Barrackpore, Dr. Kanai Pada Roy, Author of Series of books on Barrackpore, Sri Amitava Karkun, Social Worker on Barrackpore
10	12th May, 2012	"Challenges and Explorations in the Glaciers of Garhwal Himalaya"	Sri Subhomoy Ghosh
11	26.07.2011 to 30.07.2011	"Glimpses of Science and its Applications- Science Camp 2011 for Class XI Students"	Prof. P. Nandy, (Director, JBNSTS), Dr. A Nandy, Prof. Tapas kundu, (JNCASR), Prof. M. Nandy, Dr. D. P. Duari, Director, M.P Foundation Astronomical Research, Prof. B. B. Bhattacharyya
12	08.09.2011 & 09.09.2011	"Recent Advancement in Food & Nutrition"	Dr. Lalita Gauri Roy (CU), Dr. Pratiti Ghosh (WBSU), Dr. Minati Sen (CU), Dr. Sanjit Dey (CU), Dr. Binata Nayak (CU)
13	29.09.2011	International Year of Chemistry (IYC)	Dr. Chandrakanta Bandyopadhyay (RKMVC College), Dr. Mukut



		Celebration, "Recent Advances in Chemistry: An Interdisciplinary Look"	Chakraborty(WBSU), Dr. Kalyan Kumar Sadhu (Osaka University, Japan)
14	12.04.2010	"Mirowaves and its applications, IPN and Bluetooth Technology"	Dr. Monojit Mitra, Dr. Amar Saha
15	19th January, 2010	"73rd & 74th Amendment of the Constitution : West Bengal prespective"	Prof. Prabhat Dutta, Prof. Payal Sen.
16	24.04.2010	"Society, History & Women"	Smt. Sutapa Ghosh Dastider, Smt. Keya Dutta, Smt. Debarati Majumder
17	8 <sup>th</sup> May,2010	"Prospect of Research in Under Graduate Colleges"	Prof. Basab Choudhury, Registrar, University of Calcutta
18	13th & 14th February, 2010	"Recent Trends in Microbiological Research"	Prof. D. J. Chattopadhyay, Pro-V.C., CU, Dr. Shymal Roy (IICB, Kolkata), Dr. Subrata Majumder (BI, Kolkata), Dr. Debopriyo Chowdhury (JNU), Prof. Chanchal Dasgupta (IISER, Kolkata), Dr. Ranjan Sen (CDRI, Hyderabad), Dr. Mrinal K. Ghosh (IICB, Kolkata), Dr. Debasish Bandhopadhyay (CSIR, Delhi), Dr. Aresh Banerjee (New York Medical College), etc.
19	12th & 13th March, 2010	"GIS & Remote Sensing"	Prof. J. K. Mondal (KU), Dr. G. Sen (JU) Dr. B. Basu,& Dr. G. N.Saha (NASMO)
20	10th September, 2009	"Nutrition Week Celebration"	Faculty, Department of Food and Nutrition
21	26 <sup>th</sup> November 2010	Workshop on INFLIBNET N-List	Dr. Ratnabali Banerjee, JSERO, UGC, Kolkata Prof. Anil H. Kumar, Librarian IIM (Ahemadabad)
22	February 2013	Workshop on Use of NPTEL Resource	Resource Person from NPTEL



### 3.1.7 Prioritised Research Areas and the Expertise Available with the Institution

A good number of faculty members of this institution are actively engaged in higher level research programmes. A list of prioritised research areas and expertise available thereon with different departments/centres for pursuing and supervising research are given below. The expertise available with the institution in this regard are publicised through web-hosting.

**Table 3.1.7 Prioritised Research areas and the Expertise available with the Institution**

Sl. No.	Department	Prioritised Areas and Expertise	Research Supervisor/ Expert
1	Microbiology	Phosphate Solubilising Bacteria	Dr. Swati Roy Gangopadhyay
2		Medical Microbiology and Environmental Microbiology	Dr. Malini Basu
3		Biochemistry	Dr. Tanusree Dutta
4	Food and Nutrition	Molecular Virology	Dr. Rakhi Dey Sharma
5		Community & Nutrition	Dr. Sruti Agarwal
6	Physics	Condensed Matter Physics	Dr. Amerendranath Chatterjee
7	Sociology	Sociology of Ethnicity and Ethnic Movement	Dr. Jyoti Prasad Chatterjee
8	Economics	Public-Private Partnership Model	Dr. Chandra Sekhar Mukherjee
9	Psychology	Positive Psychology	Dr. Debatree Mukherjee
10	Commerce	Corporate Finance, Financial Markets, Portfolio Management	Dr. (CA) Abhijit Kundu
11		Auditing Standards, Professional Code of Conduct	Dr. Manabendra Sekhar Bhadra
12	Geography	Wetland Management	Dr. Indira Samajdar
13		Environment and Disaster Management	Dr. Sutapa Saha
14		Application of Remote sensing technique and GIS	Dr. Suman Dey
15	Computer Science	Image Processing	Dr. Ishita De

### 3.1.8 Visit of Eminent Researchers

Various eminent researchers from different institutions of repute have visited the institution. The academic seminars/workshops/programmes that the departments convene at Departmental/State/National level succeeded to rope in global/national level experts and researchers in our campus. The number of eminent researchers who visited this institution extends to more than 100 (for year-wise details please refer to section 3.1.4). Given below are the names of some of them.

**Table 3.1.8: Eminent Researchers who visited this Institution**

Sl. No.	Eminent Researcher
1	Prof. A. B. Banerjee Dept. Of Microbiology (CU)
2	Prof. A. K. Basu , Department of Commerce Calcutta University
3	Prof. Abhijit Mitra, President of SAWB
4	Prof. Amal Kar, Central Arid Zone Research Institute Jodhpur
5	Prof. Amitava Sarkar, Director, Indian Institute of Social, Welfare and Business Management (IISWBM) , Kolkata
6	Prof. Arup Mukherjee Department Of Chemical Technology (CU)
7	Prof. Asim Dutta Roy, University of Oslo, Norway
8	Prof. Avirup Sarkar, Professor, Economic Research Unit, Indian Statistical Institute (ISI), Kolkata
9	Dr. A Nandy, Eminent Scientist and Researcher
10	Dr. Amitabha Chanda, Guest Faculty, UCSTA, University of Calcutta
11	Dr. Ananda Bhattacharya, Assistant Director, West Bengal State Archives
12	Dr. Aresh Banerjee (New York Medical College)
13	Dr. B Sutradhar, Librarian, IIT KGP
14	Dr. Chimmoy Panda (CNCI)
15	Dr. Debasish Bandhopadhyay (CSIR, Delhi)
16	Dr. Debiprasad Duari, Research & Academic of M. P. Birla Institute of Fundamental Research
17	Dr. Debopriyo Chowdhury (JNU)
18	Dr. H. Anil Kumar, Librarian, IIM Ahmedabad
19	Dr. K P Majumder, PRC Chair Professor, Jadavpur University
20	Dr. Kalyan Rudra
21	Dr. Kiron Rao, NIMHANS, Bangalore
22	Dr. Koustav Panda (CU).
23	Dr. Mahua Sarkar, Professor, Dept. of History, Jadavpur University
24	Dr. Mrinal K. Ghosh (IICB, Kolkata)
25	Dr. P Srinivas Rao, Librarian, ANR College, Gudivada, AP
26	Dr. Parikshit Ghosh, Delhi School of Economics
27	Dr. Ranjan Sen (CDRI, Hyderabad)
28	Dr. Ratnabali Banerjee, Jt. Secretary, UGC (ERO)
29	Dr. S. Chaudhury, CU.
30	Dr. Saraswati Raju, JNU
31	Dr. Savindra Singh, Allahabab University
32	Dr. Subrata Majumder (BI, Kolkata)
33	Dr. Sujoy Chaktraborty, JNU, Delhi
34	Mr. Arup Roychoudhury, Dy. Librarian, ISI Kolkata
35	Mr. Khalid Aizaz Anwarl, Jt. Commissoiner, Commercial Taxes (WB)
36	Prof Suvendu Bhattacharya ,CFTRI, Mysore
37	Prof. B. B. Bhattacharyya
38	Prof. Amiyansu Chatterjee, Dept. of Botany, CU
39	Prof. Chanchal Dasgupta, Indian Institutes of Science Education and Research, Kolkata
40	Prof. Debi Chatterjee (JU)
41	Prof. Debnath Chowdhury, AIIPHNH, Kolkata,
42	Prof. Dhrubajyoti Chattopadhyay, Pro-VC (Academic), University of Calcutta
43	Prof. Bimal Kr Roy , ISI, Kolkata
44	Prof. Dipak Bagchi (Former V.C. BCKV)
45	Prof. Dipankar Sinha , Dept. of Political Science, University of Calcutta
46	Prof. Gautam Banerjee , NIT Durgapur



47	Prof. Gopal Guru , JNU, New Delhi
48	Prof. J. K. Mandal, KU
49	Prof. Jagadindra Mondal, University of Calcutta
50	Prof. K. Madhaban Nair, NIN, Hyderabad
51	Prof. M. Nandy
52	Prof. Maitrayee Chowdhury, JNU
53	Prof. Malyendu Saha, Vice Chairman WBSCHER and Prof. Dept. of Commerce CU.
54	Prof. Narendra Nath Naskar, All India Institute of Hygiene and Public Health
55	Prof. Nirban Basu, Dept. of History, University of Calcutta
56	Prof. P. K. Jana, ISM Dhanbad, India
57	Prof. Pabirta Sarkar former, V.C. RBU
58	Prof. Pallab Roy, PGI, Chandigarh
59	Prof. Partha Pratim Basu, Jadavpur University
60	Prof. Prolay Kanti Haldar, Tripura University, Agartala
61	Prof. Ranjan Kumar Bal, Utkal University
62	Prof. S. K. Basu, Banaras Hindu University
63	Prof. S. Shakya, Tribhuvan University, Nepal
64	Prof. Sanjib Bagchi, Indian Institutes of Science Education and Research, Kolkata
65	Prof. Soumyen Sikdar, IIM, Kolkata
66	Prof. Sovanlal Duttagupta , Dept. of Political Science, University of Calcutta
67	Prof. Sugata Marjit,RBI Professor of Industrial Economics, Centre for Studies in Social Sciences(CSSS), Kolkata
68	Prof. Sunanda Banerjee, Saha Institute of Nuclear Physics, Kolkata.
69	Prof. Surajit C Mukhopadhyay, National University of Juridical Science, Kolkata
70	Prof. Suranjan Das, Vice Chancellor, University of Calcutta
71	Prof. Tapas Kundu (JNCASR)
72	Prof. Tarak Basu Dept. of Bio-physics, KU
73	Prof. Tarun Kabiraj, ISI, Kolkata
74	Prof. Subhansu Bandyopadhyay, Dept. of Computer Science CU
75	Prof. Asish K Bhattacharya, IMI, Kolkata
76	Prof. Soumitra Sarkar, Chief Librarian, University of Calcutta
77	Ratnaboli Roy, Anjali Mental Health Rights Organization
78	Dr. Jahue Alam Mondal, Scientist E, Radiation and Photochemistry Division, BARC
79	Dr. Saktipada Gon Chaudhuri, Former Director, WBRETA
80	Dr. Shankar Nath, Renowned Oncologist
81	Prof. Shymal Roy, IICB, Kolkata
82	Prof. Alope K. Banerjee , VC, University of Kalyani
83	Prof. Ashoke Ranjan Thakur, VC, West Bengal State University
84	Prof. C. R. Pathak, IIT, Karagpur
85	Prof. Kousik Gupta, Vice Chancellor, West Bengal State University
86	Prof. Nabamita Das, Chair Person, WIE-AG, IEEE Calcutta Section
87	Prof. Papia Nandy, Director, JBNSTS
88	Sri Debshankar Halder ,Theatre Personality
89	Prof. Basab Chaudhary, Registrar CU
90	Prof. Asish Kr. Dasgupta, Dept. of Radiophysics and Electronics, CU
91	Dr. Shankhayan Chaudhari, Dept. of Computer Science CU
92	Prof. Madhusudan Dutta, Department of Economics, KU



### 3.1.9 Utilization of Sabbatical Leave for Research Activities

The Government of West Bengal has no provision for Sabbatical Leave. Our faculty makes optimal use of their study leaves, preparatory days, holidays and vacation on purposes related to research. A good number of teachers have completed or are pursuing active research on part-time basis and, therefore, are provided with infrastructural and other support services within the campus. They are allowed a flexible class schedule, an additional one day relief as well as to leave early, if required to avail library and laboratory facilities outside the campus. Presently scholar faculty members, engaged in active research, are allowed to leave early at 11.30 am on one day of their choice per week. They are also granted with short study leaves for course work, dissertation and for the preparation of examinations of M.Tech. and/or M.Phil. degrees. The number of faculty members who enjoyed this privilege during the period is 12. One to two weeks leave for paper presentation/similar research activities are also provided with.

### 3.1.10 Initiatives in Creating/Advocating Research Awareness

To invoke the spirit of 'Lab to Land' research culture the institution focuses on application of research findings in the field of societal needs, socio-economic advancement, inclusive growth and sustainable development.

- By conducting regular Departmental/State/National level seminars/workshops and also by arranging interactions with eminent researchers and scientists, faculty and students are provided with a platform for presenting paper on their original research outcome and thereby advocating the research findings through the interaction with the experts and other researchers.
- An initiative to post research publications as well as findings of faculty research programmes through the institute's website for making the society aware of the research outcomes and their implications.
- The findings of the PG projects carried out in the institutions (on-campus) or elsewhere (off-campus) are documented in hard copies and soft copies and are even presented in symposiums/conferences/ seminars organized by other institutions. Sometimes, their full papers are published in journals and/or seminar proceedings.
- A number of student-projects (UG and PG) focusing on various socio-economic and environmental problems like Child Labour, Geo-environmental Appraisal, Landslide Hazard Management, Environmental Degradation in Local Areas, Women's Health, Nutritional Level of Old-aged people, Waste Management, Impact of Tourism on Environment, Micro-finance, Soil conservation, Greening of Waste Land, Eradication of Poverty and Inequality of Income Distribution, etc. have been undertaken by different Science and Social Science departments and are sometimes communicated to the target people.

## 3.2 Resource Mobilization for Research

### 3.2.1 Budget and Utilization for Research

A sizable amount of fund has been earmarked for research budget during the report period. **Table 3.2.1 : Budget and Utilization for Research (in Rs.)**

	09-10	10-11	11-12	12-13
<b>Budget</b>	<b>4,00,000</b>	<b>4,00,000</b>	<b>3,50,000</b>	<b>3,50,000</b>
Equipment	--	--	1,16,240	45,086
Maintenance	85,740	1,22,558	1,23,606	1,20,498
Books & Journal	5,000	68,095	48,499	15,922
Chemicals & Glassware	43,494	13,163	9,299	--
College-funded Project	20,000	30,232	41,711	1,17,500



College funded Seminar & Workshop	5,177	34,823	42,198	33,143
<b>Total</b>	<b>159411</b>	<b>268871</b>	<b>331553</b>	<b>332149</b>
UGC-Sponsored Seminar & Workshop	1,51,604	2,67,021	7,58,174	7,00,000
UGC-MRP	5,04,000	12,40,500	11,00,500	2,35,500

### 3.2.2 Provision of Seed Money

The institution has a policy to support the faculty research as well as acquiring departmental equipments for research till the UGC/other funding becomes available. As an aided affiliated college, its budget has a separate provision for giving seed money to the faculty. Faculty undertaking research projects are given seed money by the management on request, which is adjusted on receipt of funds by the faculty. During the period, the college has allocated funds to departments to meet their immediate requirement of acquiring research equipments like CO<sub>2</sub> incubator, Inverted Microscope till the DST-FIST or UGC grants are received by the college.

### 3.2.3 Financial Provisions to Support Student Research Projects

- Financial assistance is extended in connection with project work/field study to the needy students identified by the faculty. The institution provides laboratory facilities, computer lab with internet connections and well-equipped library to support students' research projects. They are also provided with an opportunity of mobile learning through the use of free WI-FI connections in the campus. Journals and e-books through INFLIBNET N-List, web-resource and outside library facilities like British Council Library are given completely free of cost.
- The college allocates funds to departments to promote research/project by PG students guided by the concerned departmental faculty (first category of scholars) based on the research performance of their scholars.
- Provision has been created so that full time Ph.D. students (3<sup>rd</sup> category of scholars) are provided with Research Fellowship from the college of Rs.10000- 12000/- per month and contingency grant up to one lakh rupee per annum.

### 3.2.4 Inter-disciplinary Research

- The institution emphasizes on inter-disciplinary research culture by regular interaction among different departments on inter-disciplinary subjects and also offering inter-disciplinary topics for PG projects. As an outcome, curricula of PG Departments are designed maintaining inter-disciplinary focus and faculty extend their support to inter-disciplinary teaching and supervising inter-disciplinary PG dissertation. They also take up funded projects and research work on inter-disciplinary areas. PG students of microbiology department undertake their projects under the faculty of Food & Nutrition, student-projects of the economics departments are sometimes guided by the commerce faculty members and vice versa.
- Another successful outcome of such initiatives is organizing collaborative Seminars/Workshops on interdisciplinary areas.
- Challenges experienced in interdisciplinary research are effective sharing of the equipment and laboratory facility, shortage of faculty with enough investment in time and energy for interdisciplinary research work.

### 3.2.5 Optimum Use of Equipment and Research Facilities by Staff and Students:

- In order to ensure optimum utilization of the infrastructure, within the campus, we have kept registers for recording the use of institutional research facilities and equipments by the faculty/scholars in the laboratory, library and departments.
- Making available service and operating manuals, imparting proper training, and institutionalizing cross-departmental use and peer-review of the equipment/facility usage.
- Full-time lab assistant to keep vigil over the proper use of the facilities and equipments by students/scholars.
- Necessary and adequate provisions have been made for continuous supply of electricity,



constant voltage, adequate load, desired level of illumination, proper electrical fittings etc. for proper maintenance and optimum use of research facilities. • Regular maintenance of high end instruments and computers are under Annual Maintenance Contracts. Adequate budgetary allocation is provided for regular maintenance of the instruments. • IQAC in consultation with the concerned departmental head by monitoring makes it sure that the maintenance and optimum use of the resources by the faculty and students are made.

### 3.2.6 Grants from Industry/Other Beneficiary Agency for Development of Research Facility

Different UG and PG departments of the institution have received grants from various beneficiary agencies for the development of research facility. Details are given below.

**Table 3.2.6: Grants from Industry/Other Beneficiary Agency**

Funding agency	Department	Purpose	Amount (in Lakhs)
DST-FIST	Computer Science, Microbiology, F & T, Geography	PG Science and Research Facility	Rs.50.00
DBT (State)	Microbiology	Research Facility	Rs.19.7585
DBT	Food and Nutrition	Research Facility (Awaiting final Approval)	Rs.40.00 (Approx.)
MLA (Grant)	Microbiology, F&T	PG Research Facility	Rs.7.00
DST	Faculty of Sciences	DST-INSPIRE Programme	Rs.8.15
UGC	Faculty of Sciences	Research Facility	Rs.25
MP LADs	Faculty of Sciences	Purchase of High ended Equipment	Rs.19

### 3.2.7 Support Provided to the Faculty in Securing Research Funds

The faculty are supported and encouraged by the college authorities to apply for funds and projects for research. Relevant information are received from the college administrative section in order to apply for research grants from various agencies. The IQAC and the Research Monitoring Cell also provide the essential information as well as furnish the necessary documents. The year-wise number of various Projects undertaken during the last five years is shown in the following figure. Details are provided in the institute's website.

**Table 3.2.7 Projects Undertaken**

Nature of the Project	2009	2010	2011	2012	2013
Minor Project (UGC)	6	10	10	2	0
Minor Project (College Funded)	1	0	0	3	2#
Major Project (DBT)	0	0	1	1*	

\* A DBT (Govt. of India) project of Rs.40.00 lakhs (approx.) yet to get final approval.

# Two Minor projects approved up to Nov'2013

PG Students of the Dept. of Microbiology, Computer Science, Commerce, Geography and Food & Nutrition undertake collaborative and inter-disciplinary projects every year as a part of their curriculum.



### 3.3 Research Facilities

#### 3.3.1 Research Facilities to the Students and Research Scholars

- Departmental Research Centres - Physics, Microbiology, Geography, Computer Science, Food & Nutrition, Commerce and one Central Scientific Instrumentation Lab;
- Well equipped laboratories in various disciplines;
- Specific software tools for research like SPSS and MATLAB, Computers with internet facility;
- Library with 47,000 books, 49 journals including e-journals
- The College offers to researchers Encyclopedias on CD- ROMs that provide information, digital images, video, audio, and links to websites where they can access tools such as live web cameras. Dictionaries and thesauruses are built into our word processors.
- Internet conferencing, e-mail, electronic discussion groups etc., allow the researchers in our institution to communicate with their peers from many parts of the world. This technology also offers them facility to contact experts such as scientists, book authors, and eminent scholars.
- Seminar Complex with Smart A/C Seminar Halls;
- College provided research funds to its faculty members including appointment of project fellow.
- Medicinal plant house to facilitate teaching, learning and field awareness in Botany.
- Cabins/ special rooms for studies and discussion with guides
- Opportunity of mobile learning through the use of free WI-FI connections in the campus.
- Free access to full text e-journals and e-books through INFLIBNET N-List and web-resource.
- Access to departmental/central library books/journals and off-campus library facilities like British Council Library through institutional membership
- Photocopy facility within the campus
- Provision of all round support from efficient supervisors to guide research activities in six research centres as well as in other departments.

#### 3.3.2 Planning, Upgrading and Creating Infrastructural Facilities

The institutional policy regarding creation and enhancement of infrastructure facilities includes to provide state of the art facilities necessary to make research process effective keeping in view the modern needs.

- The Research Monitoring Cell in consultation with the scholars/supervisors/Head of the Departments plans about the infrastructure requirements for the next academic year especially to address the need of the new and emerging areas and modern technology
- Funds are mobilized from UGC and other funding agencies, like DBT, DST, etc. in consultation with the departments /research scholars. College also provides funds for the creation of infrastructural facilities to support special needs. Seed money is granted to supplement the funds received from the outside agencies.
- Prioritized and interdisciplinary research areas are identified and the requirements for the same are considered.
- According to the requirements of research centres and PG departments, the Lab and Library facilities are upgraded by providing modern computational facilities and equipments, WI-FI network, database, etc.

#### 3.3.3 Instruments/Facilities Created through Special Grants from the Industry or Other Beneficiary Agencies for Developing Research Facilities

The institution has succeeded to mobilize special grants and finances from various agencies (Table 3.2.6) for augmentation of research facilities in the form of modern research instruments, books, computers, WI-FI connection, etc.



Few important instruments and facilities created over 2009 to 2013 are stated below:

**Table 3.3.3: Research Equipment/Facilities**

Sl. No.	Item	Amount	Agency
1.	Akta Prime Chromatography	\$19,419	DST-FIST
2.	FTIR	Euro 11,000	
3.	Millipore Water Purifier	Rs.2,48,723	
4.	Cold Centrifuge	Rs.3,83,575	
5.	CO <sub>2</sub> Incubator	Rs.2,91,000	
6.	Total Station	Rs.2,88,335	
7.	Trinocular Inverted Microscope	Euro 4650	
8.	-80° Freezer	\$5,680	
9.	Rack Server	Rs.4,48,045	
10.	Computer (10)	Rs. 3,11,850	
11.	Wi-Fi Network Connectivity	Rs.4,75,331	
12.	UV Spectrometer	Yen 6,74,000	UGC
13.	Fluorometer	Yen 15,90,000	
14.	Thermal Cycler	Rs.4,35,829	
15.	Computer (6)	Rs.1,82,832	
16.	Matlab	Rs.2,28,658	
17.	SPSS 20	Rs.1,99,965	
18.	Laminar Airflow	Rs.3,50,000	DBT (Govt. of W.B.)
19.	Refrigerator		
20.	Micro Centrifuge		
21.	Laboratory Centrifuge		
22.	Hot Plate Stirrer		
23.	DNA Gel Electrophoresis Apparatus		
24.	Protein Gel Electrophoresis Apparatus		
25.	HPLC and Cell Counter	Rs. 19 Lakhs	MP LADS
26.	Laminar Airflow UV Spectrometer	Rs. 5 lakhs	MLA BEUP

### 3.3.4 The Research Facilities Made Available Outside the Campus

UG/PG students are allowed to do their project work /internship in the industry/institute outside the campus as part of their curriculum. In practice, Post Graduate students of last four years have done their summers projects in reputed institutes, like Bose Institute, Indian Institute of Chemical Biology, IISc, Bangalore, Central Inland Fishery Research Institute (CFRI), West Bengal State University, State Bank of India, National institute of Cholera and Enteric Diseases, Indian Institute on Cultivation of Science, Centre for Study of Developing Societies, New Delhi, Indian Statistical Institute, Saha Institute of Nuclear Physics, Bengal Engineering and Science University, Britannia Industries, Raja Biscuits, Bengal Beverages, Mother Dairy, Central Dairy, Apollo Glenagles Hospital, PG Hospital, Business and Economic Journal, Eureka Forbes, etc.

Some of our faculty members act as research supervisor of other universities and their scholars are allowed to use the research lab and other facilities of the same.



### 3.3.5 Library/ Information Resource Centre for the Researchers

• The institute's central library houses 47,000 books, 49 print & 5700 e-journals and periodicals, 325 CDs and cassettes. • A section of the library is devoted to display research journals and new arrivals • With the advancement of Information and Communication Technologies, the library also extended its acquisition and service dimension towards ICT based resources. It has INFLIBNET (N-List) facility for accessing 97,000+ e-books and 6,000+ full text e-journals and the number is increasing regularly. • Central Library has separate reference sections and cabins for researchers. • Apart from that 7000 fulltext e-journals and 77,000 e-books are accessible from Institutional membership of British Council Library. • Digital Library of the College provides easy access to project reports and dissertations to the scholars through campus wide wi-fi connectivity • For marginal category students, the library extends internet facilities by providing Tablets. • Library facility is also provided in the hostel with reference books along with newspaper and regular books • The completely automated functioning of the library makes the transactions easier. Open Access system, Author-based, Subject-based, and Title-based and Publisher- based searching of OPAC (Online Public Access Catalogue).

### 3.3.6 The Collaborative Research Facilities

To promote collaborative research facilities, the Department of Microbiology has availed fund from DBT, Government of West Bengal and the Department of Food and Nutrition has also applied for fund from DBT, GOI.

One of our faculty members from the Department of Food & Nutrition has been pursuing UGC-MRP in collaboration with National Institute of Cholera & Enteric Diseases (NICED), ICMR, and Kolkata.

## 3.4 Research Publications and Awards

### 3.4.1 Major Research Achievements of Staff and Students

- Dr. Amarendranath Chatterjee of department of Physics worked in the field of crystal field interaction. 'Anisotropic magnetic behavior of PrAg<sub>2</sub>Ge<sub>2</sub>—a crystal field study' which gives 'Possible explanation of the absence of magnetic ordering of the Pr sub-lattice and the nature of variation of the CF parameters with the substitution of transition-metal ion in PrAg<sub>2</sub>Ge<sub>2</sub> is studied and discussed in relation to PrAu<sub>2</sub>Ge<sub>2</sub>'.
- Dr. Swati Roy in the Department of Microbiology has isolated and characterized extensively **phosphate solubilising Rhizo bacteria** from the soil of local agricultural field which was shown to have potentiality as bio fertilizer in field studies.
- In the work on specific point mutation by ARMS-PCR analysis carrier for beta Thallassaemia has been detected among the college students of Barrackpore region.
- Smt. Ina Mukherjee from the Department of Food & Nutrition has created a special variety of juice with added lemon and orange flavor from whey.
- Dr. Malini Basu isolated and characterized a potent amylase producing bacteria from soil; its identification & phylogeny, submission to gene bank NCBI & EMBL utilization of the strain for substantive amylase production for industrial application.
- Department of Geography, Food and Nutrition and Sociology undertake community-oriented student dissertation projects the findings of which are often presented to the concerned authorities and the target people.

### 3.4.2 Publication of Research Journal

The Department of Commerce has been bringing out a bi-annual peer-reviewed national level research journal, **Journal of Business and Economic Issues**, since 2009 with an International Standards Serial Number [ISSN No. (Print)] **0974-9144**. The Journal's Editorial Board comprises of in-house faculty



belonging to the Department of Commerce and Department of Economics and also Professors and Eminent researchers from other university/institutions of repute, like IIM (Calcutta), University of Calcutta, Kalyani University, West Bengal State University, Utkal University, etc.

### Publication Policy

The bi-annual Journal is devoted to the multidisciplinary research in the field of Accounting, Finance, Business Laws, Management, Business Economics, Economic Geography and allied areas. Submitted papers should not have been previously published nor be currently under consideration for publication at another journal. All papers are refereed through a peer review process. A guideline for authors and other relevant information for submitting papers are available on the college website. No submission charge is levied. However, once an article is accepted for publication, then the author/any of the authors has to subscribe the same at least for three years. Subscription charge for 1 year: Rs.200; for 3 years: Rs.550 and for 5 years: Rs.900.

### 3.4.3 Details of Publications by the Faculty and Students

#### Publications by Faculty

During this period, faculty involved in research work come out with 184 publications in form of articles in peer-reviewed journals/proceedings of National/International repute with an impact factor ranging from 0.289 – 7.097, chapters in books with ISBN number as well as in the form of books. Out of these, a good number of publications are listed in International database such as Web of Science, DBLP, Academics Journal Database, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc. **Publications per Faculty comes to 2.2.**

Details of Books /Journals Published with ISBN/ISSN are given below.

**Table 3.4.3 Publications by Faculty during 2009-2013**

No. of paper published in peer reviewed journals	No. of paper published in peer reviewed journals (National)	No. of paper published in peer reviewed journals (International)	Publications listed in international databases	Chapter in Books	Books with ISBN/ISSN numbers with details of publishers
238	181	57	40	25	15

Details will be presented at the time of visit (if required)

**Table 3.4.3a Books /Journals with ISBN/ISSN:**

Title	Editors	Publisher	ISBN
"Sociology in 21st Century: the first decade"	Seminar Proceedings, Department of Sociology in Collaboration with SAWB	BRS College 2010	978-81-921808-1-6
"One & Half Decade of Globalization"	Seminar Proceedings, BRSNC In collaboration with Forum for the Cultivation of Social Science Research, Kolkata	BRS College 2009	--
Recent Approaches in Mental Health Research	Dr. Debatree Mukherjee Dr. Debleena Kumar	BRS College 2013	In Press
"Emerging Trends in Computer Science"	Dr. Ishita De Mr. Anirban Chakraborty Dr. J. K. Mandol	BRS College 2012	978-81-921808-2-3
"Resent Trends in Research	Dr. Rakhi Sharma Dey	BRS College 2012	978-81-



of Nutrition Science”	Dr. Pratiti Ghosh Dr. Sutripta Sarkar and Dr. Shruti Agarwal		921808-5-4
Questioning Identity: Response of the State and Community in Contemporary India	Molly Ghosh and Sutapa Ghosh	KP Bagchi Publication Company Limited 2013	In Press
Environmental Changes in Indian Subcontinent: A Geographical Appraisal	Dr Sutapa Saha and Dr Indira Samajdar Gangopadhyay	BRS College 2011	978-81- 921808-3-8
E Resource Management in Academic Libraries	Joydip Chandra	BRS College 2010	978-81- 921808-0-1
Changing Paradigm Accounting and Taxation in 21st Century: Challenges to Indian Business and Commerce Education	Abhijit Kundu and Sandip Kumar Chakraborty	BRS College 2012	978-81- 921808-4-7
Advances in Theoretical & Empirical Economics with Applications to India	Dr Anjan Majumdar, Dr. Chandrasekhar Mukherjee, Dr Jyotish Prakash Basu	BRS College 2013	978-81- 921808-6-1.
Society, Economy and Polity: Reflections on Post Colonial Bengal	Dept. of History In Collaboration with Dept. of History, West Bengal State University	BRS College 2013	In Press
Vaishwikaran Ki Andhi Me Hindi Kahani Se Gayab Hota Manusya	Dept. of Hindi In Collaboration with Dept. of Hindi, West Bengal State University	BRS College 2013	In Press

### 3.4.4 Awards/Recognitions Related to Research

Dr. Rakhi De Sharma nominated as a member of a national research body ;

Dr. Malini Basu : Platinum Jubilee Best Poster award at the International Symposium “Frontier Discovery & Innovations in Microbiology & its interdisciplinary Relevance (FDMIR - 2013”. The title of the poster is Comparative Studies of Amylase Production by Free and Immobilized cell.

In recognition of their research works, in its Annual Meeting felicitations of the faculty members for award of M.Phil. and Ph.D. degree.

### 3.5 Consultancy

#### 3.5.1 Institute-Industry Interface

The various departments of our institution strategically plan their teaching to incorporate institute- industry interaction. The PG courses are designed in a manner that ensures students’ internship placement in different industries. In certain cases, the UG students are also given exposure to relevant industries through summer project and study tours. A few examples are given

**Table 3.5.1: Institute-Industry Interface**

Departments	Industries/Institutes Visited
Geography	NATMO, Geological Survey of India, Bureau of Statistics and Economics, Census Office, CICFRI, West Bengal pollution Control Board
Microbiology	Bose Institute, Indian Institute of Chemical Biology, Indian Institute on Cultivation of Science, CICFRI ,National Institute of Cholera and Enteric Diseases, Apollo Glenagles Hospital, PG Hospital



Food and Nutrition	National Nutrition Monitoring Bureau(a wing of ICMR),National Institute of Nutrition ,Hyderabad, Britannia Industries, Raja Biscuits, Bengal Beverages, Mother Dairy, Central Dairy
Zoology	Central Inland Fisheries Research Institute, Barrackpore
Economics	State Bank of India Internship Project
Sociology	Centre for Studies in Developing Societies(CSDS),New Delhi
Commerce	Anandalok Hospital, Sharp Industries, Dept. of Post & Telegraph, Eureka Forbes, Banks, Business Economic Journal

National/International workshops/seminars form a common platform for interaction between faculty, students and research scholars with experts/industry persons resulting in research/society/community oriented projects.

### 3.5.2 Policy to Promote Consultancy

The consultancy service by the departments are encouraged, promoted and guided by IQAC and Research Monitoring Cell.

- Each department is given freedom to execute consultancy services so as to impart the knowledge and expertise of the faculty to the community/society
- The available consultancy expertise and facilities of the institutions are publicized through college website, notice board and through the stake holders
- Promotion of consultancy services for society/industry using infrastructural facilities and human resources is encouraged

### 3.5.3 Encouragement Given for Consultancy Service Utilization

The institution allows the faculty members to use all infrastructural facilities for consultancy services. The available resources regarding consultancy is uploaded in the website and also publicized through stakeholders. They are provided with on-duty leave, if required for offering their service. The remarkable consultancy services provided are appreciated in Teachers' Council/Staff meeting.

### 3.5.4 Broad Areas and Major Consultancy Services Provided

**Table 3.5.4 Details of Consultancy**

Department	Areas of Consultancy
Microbiology	Microbial Contamination of Drinking Water ,Journal Article Review
Botany	Identification of plants and medicinal plants
Education	Census Data
Commerce	Taxation and Preparation of Income Tax Returns
English	Teacher Training for ELT and Business English
Economics	Editorial Assistance
Bengali	Editorial support
Political Science	Gender sensitization, Disability rights
Sociology	Survey ,Functioning of Democratic Institutions
Journalism	Editorial Support
Hindi	Editorial Support, Census data
Psychology	Editorial Support, Psychological Counselling
Geography	Editorial Support, Environmental Monitoring



As a result of the policy for promotion of consultancy the following major consultancy activities have been done in the last four years:

- Laboratory facilities and the relevant faculty expertise are utilized for consultancy services such as water quality analysis, blood group identification etc. Department of Microbiology conducts water quality analysis according to the requisition of Barrackpore Municipality.
- Faculty members of the Department of Physics, Chemistry and Bio-science lend their expertise to train advanced learners/high-end students from different neighbouring schools in a DST-funded programme
- Faculty members of the Department of Physics and Chemistry offering their service as judge in the Children Science Congress 2014
- Faculty member of the Department of English lends her expertise in English language as a Cambridge-trained and Certified examiner for Cambridge ESOL examinations .She conducts workshops in schools as a Teacher Trainer in ELT
- Faculty member of the Department of Political Science involved as a trained Trainer-associate in UGC Sensitization and Motivation Programme of Women Managers in Higher Education.
- Faculty member of the Department of Education and Department of Hindi offering their service as Master Trainer for Census 2011
- Faculty member of the Department of Sociology acting as local coordinator of different surveys conducted by Centre for Developing Societies(CSDS),New Delhi like World Value Survey, on State of Democracy in South Asia, National election Study
- Faculty member of the Department of Education and the Department of Chemistry acting as Nodal Officer of the Election Commission of India
- Faculty members of different departments offering administrative guidance to different institutions as members of their governing bodies

### **3.5.5 Policy of the Institution on Income Generated through Consultancy**

The institution does not have a policy regarding the sharing of income generated. However, in certain projects like that of DST-Fist, the institution has been able to augment its infrastructure from the fund of the programme

### **3.6 Institutional Social Responsibility (ISR) and Extension Activities**

This institution is aware of its role in fulfilling social responsibilities towards the broader society and enriching the community by rendering services to the disadvantaged section of the population. Hence, the college, authorities always search for ways and means to make contributions to the society. The college as a whole as well as different department plan and execute extension activities. The NSS unit, NCC unit, Women Development Cell and different departments operate to make this motto successful. The West Bengal State University has acknowledged the performance of the NSS unit of the college by accreditation the Programme Officer as Active Programme Officer and the unit as an active unit. One of our students has been awarded the Governor Medal for Best NCC Cadet of West Bengal and Sikkim in 2012.

#### **3.6.1 Promotion of Institution-Neighbourhood-Community Network**

The institution has some specific objectives behind promotion of Institution-Neighbourhood-Community Network:



- Holistic development of students by making them aware of socio-economic realities and giving them an in-depth exposure to the real world
- Developing among them a sense of responsibility towards the broader society through offering their service in different spheres
- Promoting responsible citizenship by inculcating among them a spirit of serving the disadvantaged sections of society

The institution embarks upon institution-neighbourhood-community network to fulfill its motto of services to the community. The NSS, NCC, Women development Cell, Equal Opportunity Cell and different departments engage in extension and outreach activities to built up such networks in relevant spheres and inculcate a spirit of responsible citizenship and community service orientation among the students. Besides, value-based classes are also allotted in their curriculum and any student engaged in outreach work is covered by the “Earn and Learn Scheme”. The Principal, Faculty, Non-teaching Staff and Students participate enthusiastically in different activities.

Students’ engagement and contribution towards good citizenship is reflected through the following activities:

- ◆ Centre for Thallassaemia Eradication in collaboration with Indian Red Cross Society, Barrackpore and Dept. of Health, Govt. of West Bengal working towards eradication of Thallassaemia in the neighbourhood. Students of the college also participate in this movement through awareness generation and blood screening. Twenty workshops conducted in the locality since its inception in 2008.
- ◆ Organizing regular Blood Donation Camps in collaboration with BN Bose Hospital, Barrackpore during last four years with students donating blood as well as acting as volunteers
- ◆ Blood Donation Camp organized specially for First Donors to make the students aware towards the social cause of donating blood
- ◆ Students acting as volunteers in AIDS Prevention Campaign of NACO and CMOH, Barrackpore
- ◆ Students of the department of Sociology and Political Science undertaking survey jobs on socially and politically relevant issues on behalf of Centre for Study of Democratic Societies, New Delhi. The Survey organized by Department of Sociology
- ◆ Observation of socially relevant days like World AIDS day, Environment Day, International Peace Day through walks, campaigns, poster and essay competitions
- ◆ Conducting Campaign for Thallassaemia Detection in local events like Barrackpore Book Fair in 2012
- ◆ Organizing AIDS Awareness Programme to spread the message of how to prevent AIDS in the locality
- ◆ Formation of a Voluntary Blood Donor’s Club
- ◆ Organizing Road Safety Awareness Programme in 2010 with active student participation in collaboration with Barrackpore Police Station
- ◆ Joint traffic control exercise with the West Bengal Police during all religious occasions in the locality
- ◆ Organizing Tree Plantation Programmes
- ◆ Helping the visually-challenged students from rural areas by developing and maintaining a website for Anne Sullivan Institution for the Sightless



- ◆ Helping the Anne Sullivan Institution with audio-learning materials by recording reading materials in CD-DVDs
- ◆ Organizing Annual Career Fair with participation of several educational and vocational organizations where students from other local institutions are also invited
- ◆ Spirit of social work is also invoked through the 'Earn and Learn' scheme

### 3.6.2 Institutional Mechanism to Promote Citizenship Roles of Students

This institution has a number of bodies functioning on the campus all throughout the year to promote the socially-responsible roles. They are the Centre for Thallassaemia Eradication, NSS, NCC, and WDC. The NSS and NCC unit regularly monitors the involvement of their students in different activities. All round programme for an academic session is planned and executed throughout the year by the NCC and NSS unit. The NCC and NSS cadets every year assist the West Bengal Police in traffic control exercise in the locality during vital religious occasions. The Centre for Thallassaemia Eradication in collaboration with the Indian Red Cross Society Barrackpore and Department of Health, Government of West Bengal work relentlessly to eradicate Thallassaemia in the locality. It is fully funded by Department of Health, Government of West Bengal and presently the only such centre in the district. Apart from the routine programmes the NCC & NSS have certain special achievements/ activities listed below

**Table 3.6.2: Table of commendable activities for NCC**

Event	Year	No. of students participated
Base Hospital attachment Camp(Girls)	2013	02
NIC Camp Darjeeling	2013	03
Sainik Camp Girls, New Delhi	2013	02
Combined Annual Training Camp (CATC)	2012-13	160
Youth exchange programme Delegation ,Bangladesh	2012	03
Republic Day Camp, Delhi		02
SNIC, Nagaland	2012	02
Darjeeling Bagan Trek (GIRLS)	2012	02
RCTC Girls Camp, Gwalior	2012	02
NER Trekking Boys	2012	18
TSC Camp, New Delhi	2012	160

**Table 3.6.2a) Table of Activities for NSS**

Period	Special Activities of NSS
2009-13	<ul style="list-style-type: none"> <li>• Four blood donation camps in 2009-13 with 300 donors</li> <li>• AIDS Awareness Programme every year to spread message of AIDS awareness in the locality</li> <li>• Spreading the message of communal harmony through observance of International Peace Day in 2012 through essays and poster</li> <li>• Participating and assisting in AIDS prevention campaign of NACO and Barrackpore CMOH in 2012</li> </ul>



2009-13	<ul style="list-style-type: none"><li>• Green Awareness through “Tree Identification and Labeling” in 2012</li><li>• Organizing Thallassaemia Detection Campaign in the locality</li><li>• Organising Road Safety Awareness programme in the locality in collaboration with Barrackpore Police</li><li>• Organizing “Save Energy” Campaign</li></ul>
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### 3.6.3 Soliciting Stakeholder Perception on the Performances and Quality of the Institution:

The institution gives due importance to the stakeholders perceptions on the performance and quality of the institution. To solicit the views and expectations of the students, parents, and alumni and their feedback on the performance of the institution following steps are taken

Attempts have been made to measure the stake-holder’s perception of service quality provided, by assessing the gap between their expectations and their perception of what they have really received from the institution.

- ◆ Appropriate questionnaires are developed for feedback from students on the scales of service quality rendered by the institution and the level of their satisfaction
- ◆ As a continuous mechanism to solicit students’ perceptions and their problems regarding the performances of the institution, there is the tutor-ward system since 2008
- ◆ Feedback from parents are taken through parents-teachers meet at regular intervals
- ◆ Feedback from alumni through meeting with alumni association
- ◆ The feedback information evaluated at evaluation sessions conducted by the Principal and remedial actions suggested to mitigate drawbacks identified
- ◆ The remedial action involves identifying areas and departments with low performance, setting targets under the guidance of IQAC and the direction of the Principal
- ◆ An outcome over the years is reflected in the improved rate of students going for higher education and higher level employment

### 3.6.4 Planning and Organization of Extension and Outreach Programmes for Students and the Impact

Extension and outreach activities are organized at the college as well as department levels. At the college level these activities are at first planned by the respective units entrusted with the task of organizing extension activities in consultation with the student representatives. The plan is implemented subject to the approval of the Governing Body. The year-long activities are then coordinated by the concerned unit. At the departmental level, the responsibility for planning and organising the extension and outreach programmes is vested in the Head of the Department who prepares the plan in consultation with the faculty members and students of the relevant departments. They are implemented subject to the approval of the Academic sub-committee/teachers’ council. The needs of the local community/institutions/bodies are taken into consideration while deciding on the venues, where the extension and outreach work is to be undertaken. Members from the locality, like the local Municipality Chairman, are a member of the advisory committee of NSS. The activities are planned in a time-bound manner.



Extension and Outreach Programmes are generally of three kinds:

- a) Educational extension programmes: This include exhibitions and quiz competitions, participation in youth parliament, organizing of Departmental /State National seminars, interactions with academic/industrial experts, participation Seminars/ workshops/ management meets/paper presentation/ organization study in other institutions/industry and visits to rural and tribal areas all over India and free tuition for school and college students
- b) General extension programmes that are administered by NSS, NCC, Centre for Thallassaemia Eradication, Women's Development Cell
- c) Special Extension Programmes focus on the underprivileged and vulnerable sections of the society. Amount spent for extension and outreach by the college and various associations is given in the table below.

**Table 3.6.4 Extension and Outreach Programmes (in Rs.)**

Associations	2009-10	2010-11	2011-12	2012-13
NSS	19008	21517	24799	10457
NCC	43310	58490	88940	86750
Equal Opportunity	-	23136	90032	19572
Thallassaemia Eradication Centre	77000	310000	482220	554030

#### **Impact on the Students:**

Participation in the various extension activities of the college helps them imbibe and inculcate the following qualities

- ✦ Develop a sense of social responsibility among the students
- ✦ Improve their leadership potential and enterprising skill
- ✦ Improve their team spirit
- ✦ Expose them to the realities of life faced by the under privileged
- ✦ Encourage them to participate in the nation building process

#### **3.6.5 Promotion of Participation of Students/Faculty in Extension Activities**

The very process of promotion of participation of students in extension and outreach activities starts from the time of admission. During the admission process the students are asked to give their choice that whether they want to participate in NCC/NSS. The teachers present at the counseling session motivate the students to undertake either of these activities. After the session starts, the Principal orients the students through an Orientation Session to undertake participation in various extension activities along with their academic tasks. The departmental teachers also motivate the students through the tutor-ward system and informal relations to be enthusiastic of these activities. Value –based classes also act as motivating factor. Students working in any outreach programme are given remuneration under the “Earn and Learn Scheme”. The certification by the NSS and NCC for the service rendered also acts as an incentive.

#### **3.6.6 Social Surveys, Research and Extension Work Relating to Social Justice and Empowering Students from Under-privileged and Vulnerable Sections of Society**

To ensure social justice, to empower students from under-privileged and vulnerable sections of society and offer some meaningful service to the society, all the departments in the institution organize programmes, some of which are given below:



**Table 3.6.6 Social Surveys, Research and Extension Work Relating to Social Justice**

Sl. No.	Events	Organizing Agency/ Department	Target Group
1.	Preparing learning resources for visually challenged	Political Science	Visually challenged students of Anne Sullivan Institution for the Sightless
2.	Preparation and Maintenance of Website	Computer Science	Visually challenged students of Anne Sullivan Institution for the Sightless
3.	Computer, Personality Development and Communicative English Classes	WDC & Equal Opportunity Cell (UGC Funding)	SC/ST/OBC/Minority & Girls Students
4.	Social Survey on Social, Economic and Educational Conditions of OBCs	Sociology	OBC population of some wards of Malbazar area of North Bengal
5.	Workshop on Gender Awareness	WDC & Equal Opportunity Cell (UGC Funding)	Girl Students
6	Awareness Programme on Reservation Issues	Equal Opportunity Cell(UGC Funding)	SC/ST/OBC/Minority Students
7	National and State Election Studies, World Value Survey, Survey on the State of Democracy in South Asia in collaboration with CSDS, New Delhi	Sociology and Political Science	Population
7	Nutritional Status of Old People of the Locality :Family as well as Old Age Homes; Nutritional Assessment and Anthropometrical Assessment of ICDS scheme; Post.natal care advice through hospital visits	Food and Nutrition	Senior Citizens of the locality; pre-school children; school children, local poor women

### 3.6.7 Outcome of the Extension Activities:

Involvement of the students in different extension activities within as well as outside the campus has its desired impact on the students. Keeping in



tune with the objective of making the students aware of the social realities around and broadening their exposure to the real world while building among them a spirit of social service, the extension work carried out by the institutions helps them to be socially responsible citizens, thereby, contributing to the process of nation-building. The leadership skill, sense of discipline, self-esteem and team spirit of the students are also enhanced. With this the institution has redefined its role in the society by making its service useful to the locality and certain underprivileged sections of the broader society.

### 3.6.8 Initiatives to Ensure Community Participation in Extension Work:

This institution maintains close links with the local self-government and NGOs in their endeavours of community development and social service. The Chairman, Barrackpore Municipality, is a member of the advisory committee of NSS and while planning its activities his suggestions on the requirements of the locality is given due importance. Any assistance proposal from the local administration like the Police is well looked after. Link is also maintained with some NGOs working in the locality on issues like nutrition, environment and health.

**Table 3.6.8. Details of Initiatives to Encourage Community Participation**

Department	Events	Target Group
Microbiology	Microbial Contamination of Water	Barrackpore Municipality
Physics, Chemistry, Mathematics, Bio-sciences	DST-INSPIRE Internship Science Camp - 2012	Students of neighbouring schools
NSS	Awareness Campaign on AIDS	Students of the institution and Local Population
Thalassaemia Eradication Centre	Awareness Campaign to prevent Thalassaemia and Thalassaemia Detection Blood Test	Students of the institution and local population
NCC	Traffic Control Assistance during different festivals	Local Population
Career Development Cell	Annual Career Fair	Students of this institution and students from the neighbouring institutions
NSS	Blood Donation Camp	Local Population
NSS	Road Safety Awareness Programme	Local population
Women Development Cell	Awareness Campaign for Health and other sensitizations	Women population in Ward No.17, BKP Municipality
Basic Sciences	"Glimpses of Science and its Applications-Science Camp 2011 "	Class XI students of the local schools
Food and Nutrition	Visit to Hospitals and Old age homes in the locality	Senior citizens in local old age homes, Patients of the maternity ward in local hospitals
Food and Nutrition	Nutritional Assessment of	School Children



	ICDS	
Women Development Cell	Computer Learning Fundamental and basic	Girls students of the Locality of weaker family

### 3.6.9 The Constructive Relationships with Other Institutions of the Locality

The institution has forged constructive relations with many local institutions enabling the smooth conduct of outreach and extension activities. The following table gives details of the same.

**Table 3.6.9 Details of Relationships of Institutions of the Locality**

Name of the faculty	Institution/organization
Dr. Ajoy Kr Mukherjee Principal	1. Member of Three NAAC Peer Team 2. Former member of Executive Council WBSU,( 2008-2012) 3. Former Member of Senate University of Calcutta,(2007-2011) 4. Member, UGC Team for Interface for Distribution of Development Fund, Bihar; 5. President of Student Health Home, Barrackpore Region 6. Member Indian Red Cross Society, Barrackpore Branch 7. Former Executive Member of All Bengal Principals' Council. 8. Chief Editor of the Peer Reviewed Journal "Journal of Business & Economic Issues."
NSS	Barrackpore Municipality, BN Bose Hospital, NACO
Women Development Cell	Awareness Campaign for Health and other sensitizations & Computer Learning (Fundamental and basic) of the weaker women in Ward no 17 at Barrackpore Municipality.
NCC	Activities in association with Barrackpore & Titagarh Police Station
WDC& Health Committee	Health Care of the locality (Ward No. 17)
Thalassaemia Eradication Centre	Indian Red Cross Society and Department of Health, Govt. of West Bengal & Students of Neighbouring Schools
Physics, Chemistry, Bio Sciences	Different Neighbouring Schools

### 3.6.10 Awards Received by the Institution for Extension Activities

1. Thalassaemia Eradication Centre: **Funding From Department of Health, Govt. of West Bengal** for Service to the Society since 2008.
2. NSS unit **awarded the Active Unit of the University** award by West Bengal State University for the year 2012-13
3. NCC cadet, Rohit Agrawal, **awarded Governor's Medal-2012** for best cadet in West Bengal and Sikkim

### Contribution to Social/Community Development

The institution has made valuable contribution to social and community development through its extension and outreach activities. It has successfully spread the message of AIDS and Thalassaemia Awareness among its students



and the locality. It has also served the underprivileged by offering its knowledge-base and services for the benefit of visually-challenged.

### 3.7 Collaborations

#### 3.7.1 Collaboration and Interaction with Research Laboratories, Institutes and Industry

The institution interacts with a number of research institutions and laboratories across the country mainly in its capacity as a higher education centre that gets its faculty trained in these research establishments. Our faculty undergoes doctoral research in these institutions and this leads to academic co-operation between them and our institutions. The numerous UGC sponsored seminars, workshops and other academic events the departments organize, also pave way for collaborative interactions with a number of research establishments in the country. These events have been common platforms for interactions between experts, research scholars, students and also the local people, involved in event management.

#### 3.7.2 Collaborative Activities with Institutions of National Importance

Various departments of this institution engage in yearlong academic activities in collaboration with reputed agencies.

**Table 3.7.2 Details of Collaborative Activities with Institutions**

Department	Collaborating Institutions
Microbiology	Bose Institute, Indian Institute of Chemical Biology, Central Inland Fishery Research Institute, West Bengal State University
Chemistry	Department of Chemistry, West Bengal State University
Economics	State Bank of India
English	British Council
Food and Nutrition	West Bengal State University, National institute of Cholera and enteric Diseases
Political Science	Jadavpur Association of International Relations, West Bengal State University
Sociology	Centre for Study of Developing Societies, New Delhi, Sociological Association of West Bengal, West Bengal State University

The outcome of such collaborative activities with student involvement has resulted in academic, social and cultural exposure,

#### 3.7.3 Industry-Institution-Community Interactions

In the case of human resource development, knowledge up gradation and placement drives, we have clear links with major institutions and industries. Industries like. Infosys, WIPRO, IBM, Tata Consultancy Services, TCS e-serve International, MPS Group, Cognizant Solutions, Genpact, Satyam Computers, ACC Cement, Dabur and Kaventer have provided placement services. Linkages with institutions like Indian Statistical Institute, Saha Institute of Nuclear Physics and Bengal Engineering and Science University, National Institute of Cholera and Enteric Diseases, Bose Institute, Indian Institute of Chemical Biology, Central Inland Fishery Research Institute have contributed to the knowledge upgradation of students

#### 3.7.4 List of Eminent Scientists/ Resource Persons who visited our Campus for National/International Conferences

Many eminent scientists and resource persons visited our campus for conducting



National and international conferences. The following is the list of such scientists and experts.

For details of the Eminent Scientists/ Resource Persons for National/International Conferences please refer to Table 3.1.8. and [www.brsnc.org](http://www.brsnc.org)

### 3.7.5 Linkages and Collaborations

Twinning is approved by the affiliating University, and we have established linkages with several institutions like INGOU, NIELIT (previous name DOEACC) and firms to enhance and enrich our performance level in various ways. We have a MoU with Centre for Study of Developing Societies, New Delhi and our students conduct survey for CSDS. The Career Development Cell also maintains regular linkages with industries and institutions to facilitate placement of students. Following are the further examples of linkages that we have established:

- **Curriculum development/enrichment:** We have linkages with Calcutta University; West Bengal State University; University of Kalyani; University of Burdwan; Centre for Study of Developing Societies, New Delhi; Sociological Association of West Bengal, Bose Institute, Indian Institute of Chemical Biology, Central Inland Fishery Research Institute; Jadavpur Association of International Relations,
- **Internship/On-the-job training:** National Nutrition Monitoring Bureau(a wing of ICMR),National Institute of Nutrition, Hyderabad, Britannia Industries, Raja Biscuits, Bengal Beverages, Mother Dairy, Central Dairy; Indian Statistical Institute, Saha Institute of Nuclear Physics and Bengal Engineering and Science University; ,National Institute of Cholera and Enteric Diseases, Apollo Glenagles Hospital, PG Hospital
- **Collaborative activities** with the Labour Department, Govt. of West Bengal regarding special coaching for different competitive examinations.
- **Summer placement :** Bose Institute, Indian Institute of Chemical Biology, Indian Institute on Cultivation of Science, Central Inland Fisheries Research Institute
- **Extension:** This institution has a well-built linkage with Local Self Government, Government of West Bengal, Institutions like Municipalities, Block Panchayat, NGOs like Health Care, Red Cross Society, NACO, BN Bose Hospital.
- **Student Placement:** Infosys, WIPRO, IBM, Tata Consultancy Services, TCS e-serve International, MPS Group, Cognizant Solutions, Genpact, Satyam Computers, ACC Cement, Dabur and Kaventer offer placement services to our students
- **Publication:** Collaboration with KP Bagchi Publishing House to publish an seminar-based edited volume
- **Introduction of New Course:** PG Course in Food and Nutrition; UGC Funded Career Oriented Soft Skill; UGC Funded Computer Aided Accounts and Taxation, UGC Funded Foreign Trade and Logistics with e-commerce
- **Other:** UG courses of the college in Business Administration and Economics and Political Science listed under **ICCR and recommended by ICCR to international students from Bangladesh**

### 3.7.6 Systemic Efforts of the Institution for the Linkages /Collaborations

The strategic management of the institute-industry linkage is a matter of faculty interest and dynamism. The departments try to forge collaboration links with



other institutions in the field of research and faculty development. Most of the departments have organized academic programmes using these links. We have a Placement Officer in our institution to look after the matter of linkage with industry. Our Career Development Cell keeps continuous contact with various industries and agencies and placement drives and interviews are regularly conducted and students selected also. A Career Fair is also organized every year to enable students-industry-institute interaction. The most common kind of these linkages are the student internships wherever they are applicable, and the campus placement relations that we have developed with certain industries.

**Relevant information regarding Research, Consultancy and Extension which the college would like to include:**

- A number of faculty members are members of Board of Studies of West Bengal State University, Kalyani University
- Some of the faculty members act as Examiners of PG studies and paper-setter in universities like Calcutta University, Burdwan University, Kalyani University, Rabindra Bharati University, Jadavpur University, West Bengal State University, St. Xaviers College
- Some of the Faculty members act as examiners members of interview board of competitive examinations conducted by School Service Commission, Madrasah Service Commission
- Some of the Faculty members offer administrative guidance to other institutions as members of their Governing Body.



## CRITERION IV

### Infrastructure and Learning Resources

Infrastructure facilities at par with national level in teaching learning methodology is of great priority to this institution and in tune with the academic growth expected of a standard Higher Educational Institution. This growth was necessitated by the increase in courses and classes and also with the expansion of the physical infrastructures. Quality culture is deeply embedded in the soul of this institution, which ensures quality education to students, through effective teaching learning methods.

#### 4.1 Physical Facilities

The infrastructure is vital to the development of the institution and a peaceful and comfortable ambience can absorb every bit of new knowledge exposed to it. To ensure and sustain quality in need based higher education, physical facility is always considered as prime important area of concern in this Institution.

##### 4.1.1 Policy of the Institution for Creation and Enhancement of Infrastructure

The institutional policy regarding creation and enhancement of infrastructure is to provide state of the art facilities necessary to make teaching and learning process effective. Therefore, attention is paid to design and deploy concrete plans to develop cost effective and sustainable infrastructure service available to all kinds of users.

Spacious and well ventilated class rooms and well equipped laboratories with high quality furnishing, sprawling verandahs, and Smart A/C seminar halls and class rooms with facilities for ICT enabled teaching and learning, girls hostel, auditorium with 200 seating capacity, four canteens, with recreational and indoor games, large play ground with different outdoor games facilities, well furnished gymnasium for boys and girls, High Tension Electricity Connection, Two High capacity Transformer (250 KVA) nearby to the two campuses, 24 hours power back up facility with four (04) high capacity generators, CCTV installation. All these are spread over two campuses (**Campus I**- Science & administration and **Campus II**- Arts & commerce) to fulfill the growth plans.

Upgradation of the infrastructure is a routine matter of serious concern of the institution.

**The Planning Process:** At the close of every academic year, a meeting of Governing Body is convened in which the infrastructure requirements for the next academic year according to the stated requirements of different departments are presented by the Principal. After due discussions, the budget requirements are analyzed and sanctioned, if found reasonable. If a grant is available under any scheme possibilities for availing the grant. The addition is explored of new floors in three blocks and girls hostel building that has come up recently was built with a grant from the UGC.

##### 4.1.2 Facilities for Curricular, Co-curricular and Extra-curricular Activities

Advancement of learning accompanied by modern teaching aids, laboratory, library and internet facilities for curricular, co-curricular and extra-curricular activities:

**CAMPUS I: 85, Middle Road, Barrackpore, 24 Parganas (North).**

<b>Aryabhatta Bhavan</b> (Block 'A'):	30,000 Sq. Ft. (Three Storied)
<b>Watson &amp; Crick Bhavan</b> (Block 'B'):	25,500 Sq. Ft. (Three Storied)
<b>Linus Pauling Bhavan</b> (Block 'C'):	12,000 Sq. Ft. (Two Storied)
<b>Satyen Bose Bhavan</b> (Block 'D'):	12,000 Sq. Ft. (Three Storied)
<b>Keynes Bhavan</b> (Block 'E'):	6,000 Sq. Ft. (Two Storied)
Garden	10,000 Sq. Ft
Others:	2,500 Sq. Ft.
Gymnasium	1,000 Sq. Ft
<b>Total: [approx]</b>	<b>99,000 Sq. Ft.</b>

**Located at Campus I:** Administrative Office, Departments of Science, Business Administration, Central Library (for Science & Management), Health Centre, Seminar Hall (Acharya Jagadish Chandra Bose Hall & Ronald Ross Hall), and Digital Class Rooms for almost each dept. and Gymnasium, Virtual Class Room, Exhibition Room, Animal House, Central Server Room, Generator Room, Students' Union Room, Central Instrument Laboratory, Thalesaemia Eradication Centre.

**CAMPUS II: 6, Riverside Road, Barrackpore, 24 Parganas (North).**

<b>Jadunath Sarkar Bhavan</b> (Block 'A'):	29,000 Sq. Ft. (Two Storied)
<b>C. Rangarajan Bhavan</b> (Block 'B'):	11,000 Sq. Ft. (Two Storied)
<b>Golden Jubilee Bhavan</b> (Block 'C'):	3,000 Sq. Ft. (Two Storied)
<b>Luca Pacioli Bhavan</b> (Block 'D'):	11,000 Sq. Ft. (Two Storied)
<b>Gostha Pal Bhavan</b> (Block 'E'):	6,000 Sq. Ft. (Two Storied)
Garden	10,000 Sq. Ft
Basket Ball Court	<b>6,000</b> Sq. Ft
Athletics Field 2x(30x300)	18000 Sq. Ft
Gymnasium	1,200 Sq. Ft.
<b>Total: [approx.]</b>	<b>95,200 Sq. Ft.</b>

**Located at Campus II:** Department of Commerce, Arts & Social Science, Play Ground, and Basketball Court, Well maintained beautiful inside Garden, N.C.C. Parade Ground, Athletics Field, Digital Class Room, Air Conditioned Seminar Hall and Library for Commerce & Arts Department, Auditorium - Bibhuti Bhusan Hall, Guest Room, Generator Room and **Gymnasium**.  
Garden-10000 Sq.ft. [approx.]

**Total Campus I + Campus II = 1, 73,500 Sq. ft. with Garden- 15,000 Sq.ft. [approx.]**

**HOSTEL:** Women's Hostel: [Three Storied - 9000 sq.ft.]

7/A, Shyamashreepally (East), PO- NCP, Barrackpore, 24 Parganas (N).

**Table 4.1.1: Curricular and Co-curricular Facilities**

Sl. No.	Description of the Facility	Number	
		Campus I	Campus II
1.	UG Classrooms + Tutorial Spaces	23	24
	PG Classrooms(ICT enabled)	7	2
2.	Faculty Chambers	13	10
3.	UG Laboratories	27	3
	PG Laboratory	16	1
4.	Language Lab	1	1



5.	Computer Labs	1	-
6.	Smart A/C Seminar Halls	1	1
7.	ICT Enabled Seminar Halls	1	1
8.	Film Space AV Hall		1
10.	Research Spaces (Special rooms and	4	1
11.	Intercom linked and networked	24	
12.	Auditorium		1
13.	Guest Room		1
14.	17-unit Multi-Gymnasium	1	1
15.	Outdoor Sports Complex		1
16.	Specialized Teaching-Learning Equipment		
	a) Computer systems with all accessories		
	b) Laptops	22	15
	c) Smart board	3	
	d) LCD Projectors	26	7
	e) Over Head Projector	3	
	f) Visualizer	2	
17	A/C Guest suites		
18	Botanical Garden		1
19	Medicinal Garden	1	
20	Bird Rearing House		
21	Central Computing Centre	1	
22	Central instrumentation Centre	1	
23	Central Library	1	1
24	Research Library		
25	Virtual Classroom	1	1
26	Exhibition Room	1	
27	Day Care Centre	1	
28	Hostel Library		
29	Thalassaemia Eradication Centre	1	
30	IGNOU	3	
31	DOEACC / NIELIT	1	
32	Cheap Book Store	1	
33	Vehicle parking facility	1	1
34	Cooperative Society Room	1	
35	Health centre	1	

Apart from the above mentioned, we have Herbarium and educational museums of Zoology, Botany. The laboratories include different UG and PG labs, Microbiology lab, Instrumentation rooms, Physical Chemistry lab, Research lab, and Dark Room.

Equipment available in labs include Laminar Air flow, Hot Air oven, BOD incubator, Cooling centrifuge, Rotary microtome, Digital photoelectric calorimeter, PCR apparatus, Autoclave, Electronic balances, Newton's rings apparatus, Electrical microscopes, Cathode Ray Oscilloscope, UV spectrophotometer, Generator, Inverter, Refrigerators, Over Head Projectors etc.



**CCTV:** 46 (38 new cameras introduced in 2013) CCTV cameras are installed to some strategic points beyond the library and to promote good learning habits in students, through continuous monitoring.

### **List of Laboratory Equipments in Different Departments**

#### **Augmentation in last 5 Years**

To ensure quality in education we have to emphasise on **Capacity Building** encompassing options.

- ◆ Physical infrastructure has been enhanced from **125000 sq. ft. to 160000 sq. ft.**
- ◆ College has built Vertical Rail (Lift) for physically Disable Students.
- ◆ College has built up one Virtual Class Room (AC) one Exhibition Room and Two Seminar Hall (AC).
- ◆ Girls' Hostel has been set up and extended up to three stories with increase of accommodation from 18 to 54.
- ◆ Sincere efforts for Good House Keeping; Optimal utilisation of the Infrastructure.
- ◆ Availability of sport coaching in the college ground, improved Canteen and Sanitary facility.
- ◆ Arrangement of separate office space for each department as recommended by Peer members.

#### **Research Facilities:**

- Departmental Research Centres -Microbiology, Geography, Computer Science, Food & Nutrition, Commerce and one Central Scientific Instrumentation Lab;
- Well equipped laboratories in various disciplines;
- Specific software tools for research like SPSS and MATLAB Computers with internet facility;
- Library with 47,000 books, 49 journals with e-journals and access to INFLIBNET, including research wing;
- Internet facility with access to N-list;
- On site access to NPTEL resources;
- Institutional membership in British Council Library;
- Seminar Complex with Smart A/C Seminar Halls;
- College provided research funds to its faculty members including appointment of project fellow.
- Medicinal plant house to facilitate teaching, learning and field awareness in Botany.

**Reference Tools:** The College offers to researchers Encyclopedias on CD-ROMs that provide information, digital images, video, audio, and links to websites where they can access tools such as live web cameras. Dictionaries and thesauruses are built into our word processors. The researchers in the college also enjoy INFLIBNET N-List Connectivity which offers 75,000 online full-text books and 3000 journals.

Internet conferencing, e-mail, electronic discussion groups etc., allow the researchers in our institution to communicate with their peers from many parts of the world. This technology also offers them facility to contact experts such as scientists, book authors, and eminent scholars.

#### **Facilities for Extra-Curricular Activities:**



**Sports & Games:** This institution has a history of outstanding achievements in sports and games. For instance, the college Volley Ball team has been the University Winners continuously for the past 30 years. Ball Badminton team had also won continuously for 25 years and we have produced many National/International players. Authorities have always taken interest in arranging all facilities for **sports, indoor and outdoor games.**

**Table 4.1.2**

Allotment	2010-10	2011-12	2012-13
<b>Sports Development</b>	-	<b>189000</b>	<b>223120</b>
<b>Sports Equipment</b>	<b>33130</b>	<b>509223</b>	<b>490000</b>

We have a Sports Complex with the following amenities:

**Table 4.1.2a: Amenities of Sports Complex**

Facilities	Number	Area
200m Track	1	90mX20m
Basketball Cement Court	1	30mX18m
Coaches Room	1	120 sq ft
Dressing Room	1	120 sq ft
Fitness Centre	1	400 sq ft
Football Field	1	75mX60m
Kho - Kho Field	1	24mX18m
Volleyball Outdoor Court	2	22mX12m

We also have facilities for the following outdoor and indoor games and sports events with provision for full sports kit and necessary practice facility:

1) Volleyball; 2) Football; 3) Table Tennis; 4) Basketball; 5) Athletics; 6) Cricket; 7) Chess and 8) Caroms.

State level players are admitted in the college in special Sports Quota. Attendance, fees and other relaxation is provided to players to attend their practices and tournaments. Nutritional counseling and healthy and balanced diet is provided to the players during practices and matches.

#### **Gymnasium/Fitness Centre:**

The college also has a fully equipped Gymnasium/Fitness Centre with the following equipment:

Bicycle 2, Different Weights 20, Tread mill Manual 3, Weighing Machine 2 and Weight Lifting Bar 3.

Apart from these, we also have Tread mill Motorized, Wrist Curl, Twister, Stepper, Orbit Truck, Cross Over Machine, High Lat Pully/Rowing Pully, Leg Curl, Leg Extension Machine, Inclined Bench Press, Standing Abdomen, Parallel Bar for Gymnastics etc.

**Health Insurance** College maintains an health insurance programme since 2002. Students are getting benefit for their expenditure for medical treatment to the extent of Rs. 5000/-. (Preferably in accidental cases.)

**Health Centre** which operates in the campus has the service of two Doctors- a Physician and a Gynecologist.

**Art and Culture:** Expert service and facility exist in our institution for the practice and performance of the following sphere of activities in art and culture.

**Communicative Art:** Speech, Debate, Filming, Creative writing, Blogging

**Theatre:** Folk play, Miming, Histrionics, Mimicry

**Music:** Solo, Choir, Instrumental Band, Orchestra



**Dance:** All forms of classical dances, folk dances and ballet, (western forms also included)

**A Centre for Performing Arts**, training talented students in all the above art forms is in place in the institution attracting a large number of students. We have the necessary musical instruments for the Arts Centre and for the Band Troop. The Band troop has regular practice sessions and they make our special programmes like Nutrition Week, AIDS Day, Teachers' Day, Bhasha Divas, International Peace Day, Commencement Day, Alumni Day, Independence Day, Republic Day, Sharodotsab, Sagnik (Annual Student Union Programme) etc. An acoustically perfect **250** capacity auditorium with superbly designed wooden stage for the various art and cultural events hosted by the college.

**Teachers' Council Tour:** An annual week - end trip is organized by TC in nearby places to enable the teachers to bond in a personal level beyond the professional sphere.

**Annual Cricket Match:** An annual cricket match between Teaching & Non-teaching staff of this college is organized as stress releasing factor as well as to develop team spirit.

**Other Extra Curricular Activities:**

**NSS:** Since 1974, NSS has been functioning in this college in a very successful manner. We have one unit of 50 students and one trained Programme Officer. For regular work, we avail a fund of Rs. 22,000 also from the University. We have an NSS office room, store room and all necessary equipments.

**NCC:** The College has a very effective unit of NCC under the charge of Capt. Galive Iquebal, a faculty member. Regular practice sessions, camps and other training programmes are conducted to make the cadets truly empowered.

- Rohit Agarwal awarded Governor's Medal (West Bengal) 2012
- Rohit Agarwal got selected for YEP programme at Dhaka, Bangladesh (2012).
- Rohit Agarwal, Papia Dey & Sukla Santra participated in Republic Day Parade at Delhi.
- Rohit Agarwal & Shipra Singh participated in TSC camp 2011
- Susmita Roy & Suman Kumari participated in TSC camp 2012
- 07 students have been selected in Indian Army in last four years
- 03 students have been selected in BSF in last four years
- 01 student each has been selected in CISF & Kolkata Police in last four years
- 20 students have been selected for Civic Police under Barrackpore Police Commissionrate

NCC unit is placed at 6, Riverside Road campus with a big parade ground. Garments shoes training ammunition are supplied by the 48 Battalion Authority in every year. College preserves all this necessary material in well organized NCC room.

**NSS and NCC worksheets are maintained for every academic year.**

**WDC:** We have a very active Women Development Cell with furnished office.

**SCCSD: (Soft Skill and Communicative Skill Development)** Training sessions on Research in various disciplines, Personality Development, Public Speaking, Debate and GD and Communication Skill Development are provided to students with a view to empowering them. At the end of a variety



of programmes spread over a period of three years, students are given Certificates.

**College Co-Operative Society:** The college runs a cooperative credit society with 150 members including teaching and non-teaching staff to facilitate financial support to its member at a nominal interest rate.

Infrastructure of Language Lab College has two well organized language lab in both the campus. 30 Computer audio visual aids, smart board with LCD projector and dedicated software are used regularly for the purpose of the students.

#### **4.1.3 Institutional Planning for Ensuring that Available Infrastructure is in Line with Academic Growth and is Optimally Utilized:**

This institution always plans ahead to ensure that its infrastructural development keeps pace with its academic growth and that the available infrastructure is optimally used. The IQAC is always vigilant about the growth and technological development that occurs in the global educational scenario and places before the Principal regarding the required augmentation in infrastructure needed to support the developmental changes. Some specific examples are Digital class rooms for ICT enabled teaching, Smart A/C Seminar Halls for the conduct of seminars and workshops and HT installation to meet the increased need for energy resources. At the close of every academic year, the governing body meeting is convened in which the Principal presents the proposal for the new courses applied for, classrooms and other facilities needed for each course and the proposals for augmentation of infrastructure. After getting the approval of the Governing Body, new additions are made and existing ones augmented whenever the need arises.

#### **Optimal Utilization**

In order to ensure optimum utilization of the infrastructure, within the campus, we have kept registers for recording the use of Seminar Halls, LCD projectors etc., in the office, Library and departments. Teachers are encouraged to make use of the facilities, especially the ICT. Besides this, we share our facilities with the NGOs/GOs/other similar agencies for purposes of educational or sports activities or programmes for the promotion of employable skills among the students. We participate in nation building by extending our infrastructure facilities for election purposes (polling, keeping the ballot boxes and counting) and for various programmes of the Municipality and the Government. The facilities of the institution are allowed to be used for such purposes only after the college hours or during off-sessions so that normal activities of the institution are not hampered.

The college utilises its campus, available infrastructure and other facilities for the regular students on weekdays from 10 am to 5 pm

- a) Infrastructure is also used through distant education organisation, value added education beyond college hours (5 pm to 7 pm) and also used in Sundays by career development cells & ODL of IGNOU.
- b) Utilisation of infrastructure for conducting different public examination on Sundays and other holidays
- c) Utilisation of college ground by NCC cadets on Saturday, Sunday and other holidays
- d) Utilisation of college premises as receiving & distribution as well as counting centre during General Elections.
- e) Utilisation of college ground by the Govt. officials in the morning session (from 7 am to 9 am)

**Other Facilities augmented during the past four years include:**

In the post Accreditation period equipment and facilities were augmented in the institution. Given below is the table showing the list of equipment costing Rs. 50000 and above.

**Table 4.1.3: List of Equipment**

Name of the Equipment	
Rohta Geomaterial Educational Suit Software (10 User)	Computers -132
Scientifics Instrument	BOD Incubator
Digital Smart Board-3	LCD Projectors -28
Millipore Water Purifier	Laptop-20
Cold Centrifuge	Rack Server
CO <sub>2</sub> Incubator	Wi-Fi
Total Station	Matlab
Akta Prime Chromatography	SPSS 20
FTIR	Flurometer
Trinocular Inverted Microscope	Thermal Cycler
-80° Freezer	Hot Plate Stirrer
UV Spectrometer	DNA Gel Electrophoresis Apparatus
Laminar Airflow	Protein Gel Electrophoresis Apparatus
Micro Centrifuge	Laboratory Centrifuge

**Plan for Future Expansion**

Generally the plans are developed and stated in the light of the seven criteria for evaluation as proposed by NAAC. A glimpse of few such plans are:

- To provide physical infrastructure to introduce more PG, M.Phil, Ph.D programmes.
- To form more digital class rooms with IT supported teaching and learning.
- Continuous expansion of physical infrastructure to promote research culture among faculty and students through Institutional Research Projects.
- To extend laboratory space.
- To construct boys hostel.
- Extension of departmental library.
- To arrange faculty development programmes for use of e-resource and development of e-material.
- To create environment friendly energy resources.
- Purchase of New Campus for future extension.

The following table shows the institutional plan and estimated expenditure

**Table 4.1.3a**

Continuous effort to get residual portion of 6, Riverside Road campus/ Purchase of New Campus.	Rs. 1 Crore.
Construction of Art & Handicrafts Gallery cum Shop at 85, Middle Road campus.	Rs. 12 Lakhs
Construction of 1 <sup>st</sup> floor of Block F at 85, Middle Road for Guest Room/ Principal's Quarter.	Rs. 18 Lakhs
Construction of 2 <sup>nd</sup> floor of Blocks B, at 6, Riverside Road campus.	Rs. 18 Lakhs
Construction of 2 <sup>nd</sup> floor of Blocks D & E at 6, Riverside	



Road campus.	Rs. 70 Lakhs
Construction of ground and 1 <sup>st</sup> floor of Boys' Hostel.	Rs. 70 Lakhs
Proposal for up gradation of computer systems	
Extension of Departmental Library	

#### 4.1.4 Disabled Friendly Infrastructure

To ensure accessibility and barrier-free environment for the disabled is done at every stage for the infrastructure facilities created in the college premises. In designing our educational, open and recreational spaces, we have kept the requirements of the disabled in mind. Our Auditorium where the College community frequently gathers is centrally located on the ground floor. Our Libraries in both the campuses, Canteen and one Smart A/C Seminar Halls are located on the ground floor. Class rooms are in the ground floor for disabled students and Ramps has been created in important places of the two campuses. Vertical rail service is also available for disabled and senior people.

Our Student Support Services Centre takes immediate steps to make available to them every kind of assistance from the Government, University or other agencies, including extra time for University examinations. The library has been provided with wheel chairs.

#### 4.1.5 Details of the Residential Facilities and Various Provisions.

**Hostel facility** for girls is provided with **accommodation for 54 girl students** in the hostel building. UG students have shared - occupancy, whereas PG and PhD students and staff have single occupancy. Each student has her own allotted space, cot, table and chair, uninterrupted power supply with the help of UPS, generators, common room having AV recreational facility, along with computers with Internet facilities. Free on-campus Counseling Centre with professional counselors and free medical aid centre with a Gynaecologist and general physician in the campus are available at the service of the inmates. Services and guidance of an administrative body, hostel super and accountant is always available to the students. The hostel is under the full time vigil of security personnel. **Computer and internet facility** is available full time in a special computer room with several nodes.

**Library facility** is also provided in the hostel with text books along with news paper and regular books.

In case of medical emergencies, students are taken to the speciality hospital close to the hostel.

**Guest Room:** A separate Guest Room with attached bath and other facilities is available at 6, Riverside Road campus for external experts and guests.

#### 4.1.6 Campus Health Care for Students and Staff

The provisions made available to students and staff in terms of health care on the campus and off the campus include,

- Health Insurance to every students is provided with a nominal charge of Rs. 15 per year.
- Free clinical assistance with the help of a general physician and a Gynaecologist.
- Free on-campus professional counseling
- Periodical on-campus free medical camps
- Free thalassaemia carrier detection for all the 1<sup>st</sup> year UG students is done every year by the college 'Thalassaemia Eradication Centre'.
- Annual Health Awareness Programme (Adolescent Health and Thalassaemia) for first year UG Students is organized regularly.
- Awareness classes by specialist doctors on preventing fatal diseases



- All the above facilities are open not only to the staff, students and faculty but also to the local people.

#### 4.1.7 On-campus Common Facilities for Special Units

The details of the facilities provided for special units are tabulated as shown below:

**Table 4.1.7: Facilities Provided for Special Units**

Sl. No.	Unit	Facilities
1.	Office & Accounts	Adequately furnished Office, full-fledged computing facilities, intercom and notice boards
2.	Auditorium	Centrally located( campus-II) with 250 seating facility
3.	Canteen	Furnished to cater large number of students and staff members and also during various programmes of the college.
4.	Career Counselling and Guidance	Adequately furnished Office, Computing facilities, Intercom, Notice boards, Books, Magazines and journals on career examinations
5.	Health Centre	A spacious clinic visited by two doctors regularly, Cost free consultation facility with essential equipments
6.	IQAC	Adequately furnished A/C Office, computing facilities with printers, scanners and copiers, intercom and notice boards
7.	NCC	Adequately furnished Office, computing facilities, intercom and notice boards, facility for obstacle training, firing range manned by a faculty who is the Associate NCC officer
8.	NSS	Adequately furnished Office and store room
9.	Placement Unit	Adequately furnished Office and computing facilities
10.	Recreational spaces for Staff and Students	Indoor spaces with indoor game facility, rest and relaxation rooms. Outdoor games facility Students' Union Room with TV
11.	Safe drinking water facility	Twenty-four hours free flow of safe drinking through water purifier.
12.	Seminar Halls	Five Seminar halls with smart boards
13.	Watchman	B Type Living Quarters with free electricity, water supply, food and accommodation
14.	Women Development	Adequately furnished Office, computing facilities, intercom and notice boards

#### 4.2. Library as a Learning Resource

The library is the heart and treasure house of knowledge and information and it is an essential and integral component of this institution. Barrackpore Rastraguru Surendranath College library is reputed as an excellent one which houses 47,000 books, 49 print & 5700 e-journals and periodicals, 325 CDs and cassettes.



With the advancement of Information and Communication Technologies, the library also extended its acquisition and service dimension towards ICT based resources. It has **INFLIBNET** (N-List) facility for accessing 90,000+ e- books and 5700+ fulltext e-journals and the number is increasing regularly.

**E-Journal Packages (Total 5700 + Journals)**

- American Institute of Physics ( 18 titles)
- American Physical Society (10 titles)
- Annual Reviews (33 titles)
- Cambridge University Press (224 titles)
- Institute of Physics (46 titles)
- Oxford University Press (206 titles)
- Royal Society of Chemistry (29 titles)
- Economic and Political Weekly (1 title)
- IEEE Online Computer Science (10 titles)
- Indian Journals (150+)
- JSTOR (2000+ titles)
- EBSCOHOST (H W Wilson ) (2800+ titles )

**E-Book Packages (Total 1,07,000 + Titles)**

- Cambridge Books Online (1800 titles)
- Oxford Scholarship-ebooks (1400+ titles)
- NetLibrary-EBSCOhost (936 titles)
- MyiLibrary-McGraw Hill-ebooks (1124 titles)
- Hiindustan Books Agency -ebooks (65 titles)
- Institute of South East Asian Studies(ISEAS) Books (382+ titles)
- Springer eBooks (2300 titles)
- Sage Knowledge ebooks (1000 titles)
- Taylor and Francis -ebooks (1800 titles)
- Ebrary-ebooks ( 97000+ titles)

Apart from that 7000 fulltext e-journals and 77,000 e-books are accessible from Institutional membership of **British Council Library**.

**Digital Library** of the College provides easy access to question papers, project reports, dissertations to its members through campus wide wi-fi connectivity. For marginal category students, the Library extended internet facilities by providing **Tablets**.

**4.2.1 Library Advisory Committee**

The effective functioning of the library is ensured by a Library Advisory Committee headed by the Principal (Chairperson) and assisted by Librarian (Convenor), Heads of all departments (Executive Advisors), and three student representatives. The Committee annually compiles a budget proposal considering the requirement of different departments and place before the Principal. On the contrary the Academic Sub-Committee of the College acts as the Monitoring Cell to disburse and utilize the funds of UGC under the supervision of Library Advisory Committee.

**User-friendly initiatives:** The cordial, co-operative and the informed staff of the library keep the library user-friendly by making the dealings easy and comfortable. The completely automated functioning of the library makes the transactions still easier. Open Access system, Author-based, Subject-based, and Title-based and Publisher- based searching of OPAC (Online Public Access Catalogue), Access to e-books and e-journals through INFLIBNET NLIST Consortium and Institutional membership help the users to find their required information easily. Disciplined use of library ensured through installation of CCTV cameras etc., are some of the user friendly initiatives.



Library is planning to implement **Biometric devices** to ensure peaceful ambiance inside the library.

**4.2.2 Library Lay-out:**

The 12,000 sq. ft well ventilated, intelligently lighted up and comfortably furnished two-fully automated library with a seating capacity of about 200, remains open from 10 am to 6 pm on all working days. Library is open to a student during summer recess from 12 pm to 4 pm on all working days. Its facility is available before examination days. All departments are equipped with Departmental Library facility for both UG & PG students.

**4.2.3 Library Plan and Amount Spent For Procuring Reading Materials and E - Resources. Library Purchase and Use (Library Budget)**

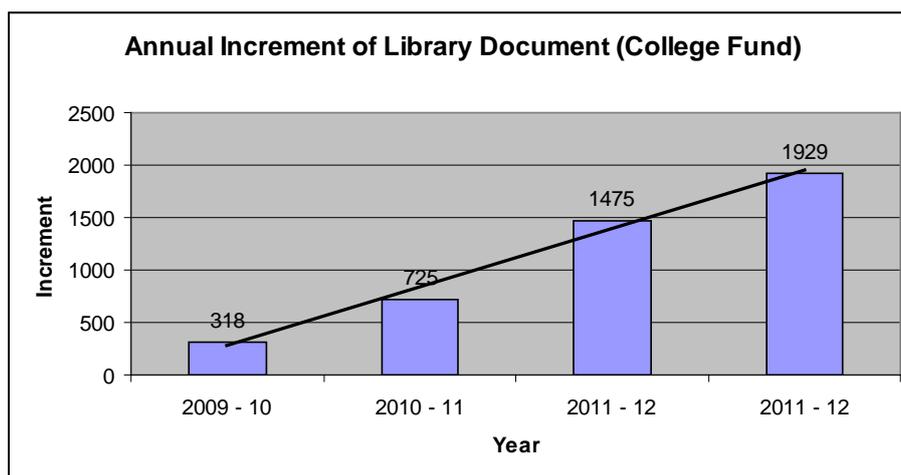
Every year a certain amount is earmarked for the purchase of library books and journals. The funds allocated by UGC, State Government, and other funding agencies are utilised properly. First preference is given to Text Books related to the syllabus of various programmes.

The Heads of the Departments provide the list of current titles, both print and e- journals, to be purchased. The prime source of e-journals is, however, the N-List offered by INFLIBNET to which this institution is a subscriber.

**Table 4.2.3: Library Collection Development & Expenses**

Library Documents	Year -1 2009-10		Year - 2 2010-11		Year - 3 2011-12		Year - 4 2012-13	
	No.	Expenses	No	Expenses	No.	Expenses	No.	Expenses
<i>College Fund</i>	318	464495	725	243255	1475	271258	1929	869708
<i>UGC</i>	1640	174652	717	717700	2315	1457266	72	81382
<i>Others</i>	304	205952	115	-	206	2376	98	-
<b>Total</b>	<b>2262</b>	<b>845099</b>	<b>1517</b>	<b>961025</b>	<b>3996</b>	<b>1730900</b>	<b>2099</b>	<b>951090</b>

Collection development of the college is ever increasing in respect of time.



Surveillance system is upgraded with 38 new CCTV cameras and biometric check in which costs Rs 7 lakhs to facilitate disciplined and responsible use of library resources. Thus a total amount of Rs. 45 lakhs have been spent approximately, only for library resources during the last four years.

**4.2.4 Details on the ICT and Other Tools Deployed to Provide Maximum Access to the Library Collection**

Advanced Computer aided search enables author- based, subject-based, title-based and publisher-based search facilities. All the following facilities are available at the library:

**OPAC:** On-line Public Access system is in operation in the library.



**Electronic Resource management Package used:** N-List of INFLIBNET  
**Federated Searching Tool used to search Articles:** Greenstone Digital Library

**Library website:** <http://brsnc.org/library.asp> & <http://brsclib.wix.com/home>  
**In-house/remote Access to Publications:** Through Personal ID provided by N- List & access to NPTEL resources.

**Table 4.2.4: ICT and Other Tools**

ICT Facility	Details
Library Automation	Registered open access system, Computerized management of library operation, Computer based retrieval of information, Bar coded issue and return.
Computers for public access	15
Printers for public access	01
Internet band width/ speed	2 Mbps
Participation in Resource sharing networks/consortia (like INFLIBNET)	INFLIBNET- N-List

Among the other facilities offered by the library are Institutional repository, Reprography, Scanning, laser printing etc.

#### 4.2.5 Usage of Library

**Table 4.2.5: Usage of Library**

Particulars	Number
Average number of walk-ins	400 /day
Average number of books issued/returned	200 & 170 /day
Ratio of library books to students enrolled	10:1
Average number of books added during last three years	2470 /year
Number of information literacy trainings organized	2/3 /year
Details of weeding out of books and other materials & its cost	20-25 /year

#### 4.2.6 Specialized Services Provided by the Library (Specialized Services)

**Table 4.2.6: Details of Specialized Services Provided by the Library**

Specialized services	Details
Reference books	
Reprography	Photocopying, Computer printouts
Information deployment and notification	New arrivals displayed; Information and Notification put on the Library Notice Board; News paper display.
Reading list/ Bibliography compilation	Author, Title, Subject and Publisher based
In-house/remote access to e-resources	In-house access to any e-resources, Remote access to INFLIBNET & NPTEL
User Orientation and awareness sessions/ year	2/3 sessions
Assistance in searching Databases/day	90 and above; Electronic search-author, subject, title and publisher based makes search independent.
INFLIBNET/IUC facilities	INFLIBNET , N-List facility with individual ID for the whole college



#### 4.2.7 Library Staff and Support to Students and Teachers

Support provided by the library staff to the students and teachers of the college is of the following kind:

- Information support
- Book reservation facility
- Search and location assistance for printed as well as e-learning resources through N-List and other educational web-sites
- Reprographic facility
- Scanning, printing and CD writing
- Printing
- Project Preparation
- Special support to economically backward students.
- In house WI- FI tablet support for students.

#### 4.2.8 Library Facilities For Specially Challenged (Facilities for the Differently- abled)

Our Library offers Wheel Chair and Ramp facilities for the differently abled. Physically disabled students are given special preference in issuing books.

#### 4.2.9 Feedback Mechanism

In order to improve the service of the library we have introduced the feedback practice of the students and other stakeholders. A grievance box is provided in the library and the grievances, if any, are scrutinized once in a month by the Redressal Cell and remedy provided for genuine complaints.

**Table 4.2.9: Demand / Grievances and Solutions**

Demand / Grievances	Solutions
Unavailability of prescribed books due to shortage of copies	More number of copies of books are bought
Number of books issued at a time restricted for degree students	Increased the number of books
The period for keeping the books before return was of short duration	Retaining period increased
Use of personal Laptop in reading room	Wi-Fi connectivity available
Lack of surveillance in library	CCTV cameras were installed

#### Growth of Library as a Learning Resource

- ◆ Number of library book increased from 31000 to 47000;
- ◆ Number of Journals increased from 40 to 49 and college is now enlisted in the membership of INFLIBNET which is now extending 5700+ e-journals including 1,00,000+ e-books.
- ◆ Central Library space increased from 10000 sq. ft. to 13000 sq. ft.
- ◆ Open Access of Library from 2003 with Un-interrupted Internet Service.
- ◆ Each department library has enhanced its strength by increasing its no. of books.

#### 4.3 IT Infrastructure

In the present Information Society, the Institution has kept objective of advancement of learning accompanied by modern teaching aids, including the state of the art ICT infrastructure. To exploit the advancement of ICT, the College augmented virtual classrooms with modern facilities, digital class rooms, better and faster internet facilities etc.

##### 4.3.1 Details on the Computing Facility Available in the Institution

The college provides computing facility to the staff, faculty and the students with its 300 computer systems and an equal number of allied accessories and internet connectivity. The campus is Wi-Fi enabled for students and faculty.



**Table 4.3.1: Details on the Computing Facility Available in the Institution**

Facility	Details
Configuration	Intel(R) Core i3, Core (TM) 2 Dual CPU, E7500@2.93 GHz and Intel (R) Pentium(R) D CPU, 2.80 GHz,
Softwares available	SPSS, MATLAB, Tally9.0, LaTeX, Texmaker 3.5.2, LaTeX Equation Editor1.01, Geomatica, Oracle 10g, Visual Studio , Quack Express
LAN Facility	22 Broad Band Connection in Both the campus along with the Hostel
Wi Fi Facility	Throughout the campus
Licensed software	Windows 7, Oracle 10g, Visual Studio, SPSS, Geomatic, Quack Express, Ms- office 2007
Computer: Student ratio	1: 18
Nodes with, internet facility	300

#### Augmentation in last 4 years

- ◆ Number of computer increased from 220 to 300 leading to ratio 1:18
- ◆ Total campus of 85, Middle Road is now with WI-FI facility
- ◆ Continuous Up gradation of computers with latest versions.
- ◆ Number of LCD projectors increased from 09 to 25 and Internet node developed up to unlimited (Wi-Fi) to encourage ICT.

#### 4.3.2 Off and On- Campus Computer and Internet Facility

Free Internet and computer access is available to the students, faculty and staff during the college hours. Students in the girls hostel also have free access to internet facility. The entire college campus is LAN connected. Wi-Fi facility is available at 85, Middle Road Campus and in limited areas in other campus.

#### 4.3.3 Institutional Plans and Strategies for Deploying and Upgrading the IT Infrastructure and Associated Facilities.

a) The IT infrastructure upgradation plans of the institution chiefly involve:

- Upgradation of internet band width from 4 Mbps to 16 Mbps
- Fully Wi-Fi enabled campus
- Good numbers of ICT enabled classrooms
- Development of virtual learning technology
- Hosting web server
- MIS through webmail

#### b) Strategy for Deployment and Up-gradation

According to the changes in syllabus of IT related subjects, introduction of new courses, etc. new software are purchased. According to the requirements of software, computer capacity is upgraded. Increase in ICT enabled class rooms, use of virtual lab, use of e-content from remote sources, number of computers is according to the requirements placed by the department heads, especially by the Department of Computer Science.

Need and necessity of users is always taken into consideration.

#### 4.3.4 Provision in the Annual Budget for Procurement, Upgradation, Deployment and Maintenance of Computers and their Accessories

Year	Procurement + Upgradation + Deployment		Maintenance	
	B*	A*	B*	A*
2009-10	Rs. 7,50,000	Rs. 77,932	Rs. 1,25,000	Rs. 111600
2010-11	Rs. 9,30,000	Rs. 5,17,891	Rs. 1,40,000	Rs. 106600
2011-12	Rs. 7,20,000	Rs. 1,90,178	Rs. 1,40,000	Rs. 115000
2012-13	Rs. 22,85,000	Rs. 11,23,468	Rs. 1,40,000	Rs. 115000

B\* - Budget, A\* - Actual



#### 4.3.5 ICT Enabled Teaching Learning in the Institution

Integrating ICT into teaching methodology, our teachers use technology to improve student learning outcomes, to enhance achievements and to extend interactions. Technology has empowered our teachers and they make extensive use of ICT resources. These are utilized for teaching as well as accessing e- content and virtual lab facility in class rooms.

Our teachers are trained in the following ICT domains:

- Preparing multimedia materials and presentation for lecture deliver.
- Creating web-pages with Dreamweaver.
- Onsite use of NPTEL resources as virtual classes
- Students present their seminars using power point and enrich their seminars with the help of materials downloaded from educational web-sites.

#### 4.3.6 Learning Activities and Technologies for Student-centric Teaching:

**Institution** is still in the process of transition from teacher-centric to student centric teaching. Teachers are given training in understanding the significance of the role of teacher as a facilitator. ICT enabled teaching in class room is playing an important role. For example, certain topics related to the syllabus are allotted to the students for paper presentations. Students present them with the help of ICT. The teacher guides them throughout the process. Presentation is usually followed by GD where all the students actively participate. So, it is a kind of independent learning style. The teacher in this process is a facilitator, helper, coach, guide and an assessor. The students benefit from technology in classroom in the following ways:

- ◆ They master basic and advanced skills with greater clarity and thoroughness.
- ◆ Technology impacts them positively by developing self reliance and self confidence.
- ◆ The students get interested while working with the gadgets and feel less pressure in learning because of the verbal, written, quantitative and graphical display digital technology affords.

#### 4.3.7 Details of the National Knowledge Network Connectivity

The institution is already become a part of National Knowledge Network. 22 broadband internet facilities have been provided by the NKN at a subsidized rate. The College make it extended with Wi-Fi connectivity throughout the Science campus (85, Middle Road). The process of preparation of e-content materials are going on to input in NKN.

### 4.4 Maintenance of Campus Facilities

#### 4.4.1 Optimum Allocation and Utilization of Financial Resources for Maintenance and Upkeep of College Infrastructure

In order to ensure optimum utilization of financial resources, management has appointed a responsible person who is vigilant about the maintenance needs of all equipment, computer etc., of the departments, furniture and fixtures of class rooms and the building, all the construction work and the workshop which is busy throughout the year. Department Heads inform the Principal about all departmental needs through the approval of departmental meeting and concerned committee. The available resources are optimally used according to the need-based priority. If the required amount exceeds the budget, request is placed for extra resources. Furnished below is a statement of expenditure on different infrastructure maintenance heads during the last four years

**Table 4.4.1: Statement of Expenditure**

No.	Head	Year	Amount of Allocation	Amount Utilized
a)	Building	2009-10	50,00,000	8728513
		2010-11	60,00,000	6563502
		2011-12	60,00,000	1534087
		2012-13	1,50,00,000	1215365
b)	Furniture	2009-10	9,00,000	7,89,644
		2010-11	14,00,000	4,78,745
		2011-12	9,00,000	8,74,940
		2012-13	11,00,000	12,26,371
c)	Equipment	2009-10	13,75,000	5,64,999
		2010-11	13,75,000	4,04,701
		2011-12	12,00,000	2,81,099
		2012-13	7,60,000	6,12,290
d)	Computers	2009-10	4,50,000	1,73,456
		2010-11	3,00,000	1,14,702
		2011-12	3,00,000	90,178
		2012-13	3,25,000	9,21,888

#### 4.4.2 Institutional Mechanisms for Maintenance and Upkeep of the Infrastructure, Facilities and Equipment of the College

For routine maintenance of the civil structures of the college we have engaged an ex-Assistant Engineer of Government of West Bengal as supervisor of enlisted civil contractors who keep on adding to the existing infrastructure or maintain the structure that needs upkeep. For new construction external architects are employed. We have workmen who are engaged round the year in either manufacture or repair of fittings, furniture and facility systems like electrical and water supply networks, motors and pump-sets and the large number of classroom, office and other kinds of furniture items. For the maintenance of computer systems, related gadgets and network facility, we have Annual Maintenance contract with private service providers under the supervision of Department of Computer Science. Electricians see to the upkeep of all electrical equipment, generators etc. at least once in a month. Caretaker ensures that the upkeep and maintenance of all infrastructural facilities available in the campus are according to the needs of the institution.

#### 4.4.3 Frequency of Calibration and other Precision Measures for the Equipment / Instruments of the Institution

We have work arrangements with local service providers and AMC with companies to service, calibrate and repair the several types of measuring equipment in our labs as & when required. If the instrument becomes unserviceable within its service warranty period, it is returned to the suppliers for calibration service or replacement.

WBSEDCL have installed two separate transformers dedicated for our college campuses to cope up with the increasing electrical load for augmenting the frequency and voltage requirement for the normal functioning of different instrument in different laboratories.

#### 4.4.4 Major Steps Taken for Location, Upkeep and Maintenance of Sensitive Equipment

The college has its own HT installation and generators that ensure uninterrupted supply of power.

- ◆ For maintaining ground water level there is a Rain Water Harvesting system along with a pond within the campus. As the college is situated on the bank of river Ganga, it is also maintaining ground water level naturally.
- ◆ For Constant supply of water good number of overhead tanks and distribution network throughout the campus are provided.



- ◆ The college provides purified & cold drinking water all over the campuses and hostel.
- ◆ Our own full-time electrical and plumbing technicians keep vigil over all the electrical and water supply systems
- ◆ Regular and stabilized electricity supply (440 volts) is maintained with the help of **Servo & Online UPS** for the smooth functioning of the laboratories and its instruments.
- ◆ Necessary and adequate provisions have been made for continuous supply, constant voltage, adequate load, desired level of illumination, proper electrical fittings etc.
- ◆ In order to maintain stabilized and drift-free instrument operation, voltage control is achieved through the use of stabilizers and UPS.
- ◆ There is additional provision also for Diesel Generator sets for **campus-I (100 KV and 15KV) and campus-II (75KV and 5KV)**. Care is also taken to earth-connect all equipment and avoid a shock hazard.
- ◆ This institution always plans ahead to ensure that its infrastructure development keeps pace with its academic growth and that the available infrastructure is optimally used. Additions are made and existing ones are augmented whenever need arises.
- ◆ Regular maintenance of high end instruments and computers are under Annual Maintenance Contracts. Adequate budgetary allocation is provided for regular maintenance of the instruments.

#### **Safety and security measures in campus and hostel premises**

- All campuses well covered by guard wall
- 24 x 7 security deployment for supervision
- All strategic points are under CCTV surveillance
- All laboratories and sensitive areas are equipped with Fire Extinguisher
- Arrangement of solar security lights in both the campuses
- EM gates are installed in library of both the campuses
- Liaison maintained between the college & local administration including police forces.



## CRITERION V

### STUDENT SUPPORT AND PROGRESSION

#### 5.1 Student Mentoring and Support

##### 5.1.1 Prospectus/handbook

Every year, before commencement of academic session, the prospectus is published. The **prospectus** of the college is prepared for UG and PG separately, updated every year and given to the applicants along with the application forms at the time of admission at a subsidized rate. It contains all the information required for the students for a smooth and effective college life. It includes:

- Vision and Mission of the college.
- Brief history of the College
- NAAC PEER Team report (Best practices of the college)
- Committees functioning in the College
- Programmes of Study and Curriculum
- UG & PG Faculty, Departments and Staff
- Infrastructure and Facilities, Labs, Libraries, Other Learning Resources, Hostel facilities
- Admission Rules, Seats and Reservations Criteria, Fee, Attendance
- Scholarships, Awards, Financial Assistance
- Co-curricular Activities, Career Guidance, Extra-curricular Activities
- Statutory Information and Notices, Contacts Information
- Discipline, Dos and Don'ts
- Institutional Calendar with Examination Schedules, holidays, college functions, test and examination dates
- Specimen copies of Forms and Applications
- Essential University Information
- Academic outputs department wise, achievements in extracurricular activities
- Innovative Practices
- Photo Gallery

##### **Commitment and Accountability**

The College is fully committed to the mission of uplifting the status and living conditions of the students and transforming them into a workforce empowered to change the destiny of the nation. This calls for a change from the traditional, enabling them to compete successfully in the shifting globalized world. The college ensures achievement of this objective through a rigorous programmed- schedule whereby the students are offered world class programmed, academic and non academic. A soft skill development program organized by the institute itself and eighty hours personality development program by Tata Consultancy Services in this regard is noteworthy. It's social responsibility is driven by the NSS activities. Various programs have been designed to achieve this end.

The institution is always aware of its responsibility and accountability towards all its stakeholders. This is ensured through collection of feedback from the stakeholders and timely evaluation sessions. Areas for improvement are identified and positive action taken to achieve the objectives. This process is being continued for more than a decade.

##### 5.1.2 Institutional scholarships / free ships

Considering the socio-economic status of the students, a large volume of financial assistance is provided through the **Student Aid fund, Sports performer scholarship, Students Merit & Means fund and Endowed scholarship**. The deserving candidates are recommended by the respective departments. The office of the College and the subcommittee of Students' Aid



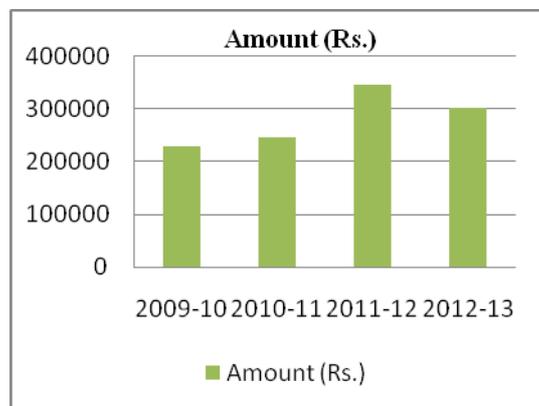
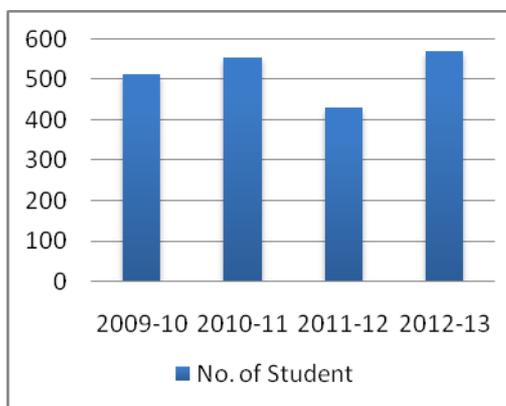
fund also help the student to apply offline for Government Scholarships and Management Scholarships (Fresh application & Renewal of Scholarships). Principal forwards applications of eligible students and take care of the disbursement of Scholarship to students IN TIME. The institution provides sufficient financial assistance in the following manner:

- **Students' Aid Fund**

The scholarship committee consisting of the Principal, Bursar, Head Clerk and Secretary (Teachers' council), General Secretary of Students Union and the head of the departments. They scrutinize the recommendation given by the departments and select the candidates for the award of the scholarship. Weight age given to attendance, result of the previous examination and economic conditions. The committee also decides the scholarship amount for the UG, PG students. **Free ship** and **half-free ship have been given to 10-12%** students beyond the Govt. funded scholarship. The amount of Students' Aid Fund reaches to **10% of the Income** of the College through Tuition Fee of the student.

**TABLE 5.1.2: FINANCIAL ASSISTANCE / SCHOLARSHIPS BY COLLEGE MANAGEMENT**

Year	Students Aid Fund		Sports Scholarship		Others Scholarship	
	No. Of Students	Amount Rs.	No. Of Students	Amount Rs.	No. of Students	Amount Rs.
2009-10	513	229930	55	28080	06	11700
2010-11	555	246765	43	22510	01	3600
2011-12	432	347125	49	27485	03	8400
2012-13	573	303945	47	27240	01	3600



- Earn while you learn (Work Scholarship) scheme enables the students to earn by doing work either in the departments or library or outside of the college.
- Free ships and Scholarships are also given to needy Sports Students
- Financial assistance from the **Teachers' Council fund**: The teaching community of this college has also come forward to shoulder the responsibility of assisting 6-10 students with a scholarship of not less than Rs. 2500/- annually. An amount of Rs. 50/- is deducted from the salaries of teachers every month towards the benevolent fund used for the above students.
- Financial assistance provided by **teachers personally**.
- Financial assistance **from the Merit cum Means fund**.
- Financial assistance by the benevolent organisation such **Maatre Mangal Janakalyan Samati** and two **memorial funds**.



- **Alumni Association** of the college has also taken initiative to provide financial assistance to the meritorious cum financially poor students. Presently, the number is 19 and valuation is Rs. 2500/- each per annum.

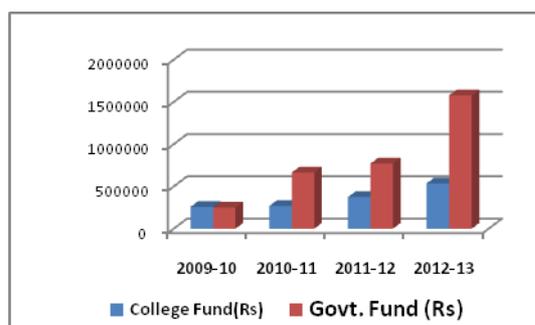
### 5.1.3 Financial assistance from state government, central government and other national agencies

**Table 5.1.3: Scholarships from the State Government and Central Government**

Year	Merit cum Means (State)		Post Matric scholarship (State)		Labour Welfare Board(State)		Others Scholarships	
	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.
2009-10	11	147000	12	65350	02	3000	04	35000
2010-11	45	490800	11	82950	05	15000	22	76150
2011-12	31	411600	73	351100	05	13800	-	-
2012-13	37	521400	105	558400	01	1800	18	497351

Table 5.1.3: Comparison Table of College fund & Government fund scholarship

Year	College Fund(Rs)	Govt. Fund (Rs)
2009-10	258010	250350
2010-11	269275	664900
2011-12	374610	770500
2012-13	537330	1578951



### 5.1.4 Specific support services/facilities (SC/ST, OBC and economically weaker sections)

The institution provides necessary support services to the SC/ST, OBC and economically weaker sections beginning from the admission. We strictly adhere to the reservation rules of the State Govt. Relevantly it should be mentioned that the density of population of SC and ST in the Barrackpore Subdivision stands at: **SC-10.75% and ST-0.53% (As per Census 2001)**. In this context initially we are exhibiting the socio-economic profile of the students to show the inclusiveness followed by the college. The following table will support the statement.

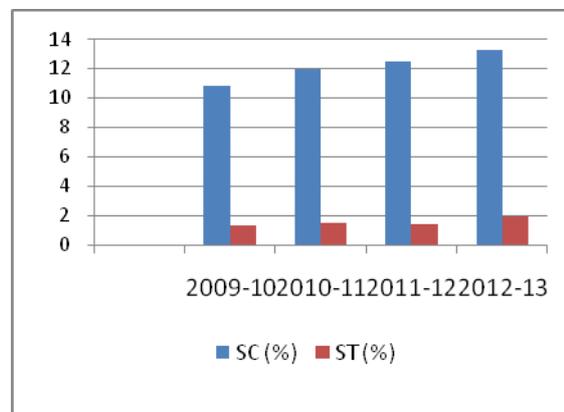
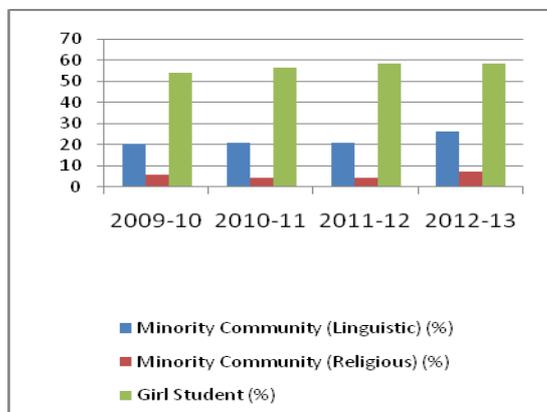
**Table 5.1.4 Under Graduate Students**

Session	Total	SC (%)	ST (%)	BPL families (%)	1 <sup>st</sup> Generation students (%)	Minority Community (Linguistic) (%)	Minority Community (Religious) (%)	Girl Student (%)
2009-10	4483	10.81	1.316	9.72	2.01	20.47	5.91	54.04
2010-11	4676	11.97	1.52	9.64	1.71	20.91	4.55	56.22
2011-12	4611	12.47	1.43	7.87	1.80	20.88	4.58	58.33
2012-13	4539	13.26	1.93	6.43	2.31	26.30	7.25	58.10

Though the census 2001 data shows the ST population is .053% in the Sub Division the ST population of the college is more than double. It deserves special mention that all the applicants (100%) fulfilling University criteria for NAAC-SSR



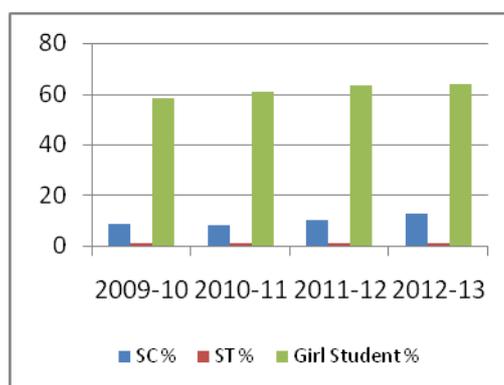
admission are accommodated and their admission in the college is ensured. Like wise almost 90% of the SC applicants fulfilling University criteria for admission are admitted. Concentration of the SC / ST candidates is enhanced due to growing reputation of the Institution.



Above table shows that the college has been steadily maintaining inclusive character of the students profile at the Undergraduate level admission.

**Post Graduate Students:** Admission to post graduate level also strictly adhere to the reservation rules of the State Govt.

Session	Total	SC %	ST %	Girl Student %
2009-10	251	8.76	1.19	58.16
2010-11	317	7.96	0.94	60.9
2011-12	361	9.97	0.83	63.15
2012-13	364	12.91	0.82	64.01



**Support service for SC/ST candidates to receive the financial support from State Govt., UGC etc.:** College has a smooth and structured mechanism of disseminating information regarding the scholarship and other financial support received from State Govt., UGC etc. Application forms are available from the college office and after proper fulfillment of the applications; these are send to the concerned authority. College also gives support for opening a new bank account, so that they can receive the financial aid directly in their account.

**Support and Guidance for the Competitive Exams:** The institution has always given a special emphasis to provide guidance and support to students and to arrange classes by experts for almost all competitive examinations. All the PG departments incorporate the **training for UGC/CSIR, NET/JRF** examination while teaching the Syllabus. In addition to this, additional training is provided by resource persons from outside the campus.

**Academic Counselling:** The Departments educate the students on the academic system and rules that regulate their academic career and the many



resources available to them on campus. The faculty members of the Departments provide guidance to each student on a wide range of academic matters including assessments and examinations, choosing their core and complementary options and scholastic difficulties. Special counselling and guidance is provided by the tutors to students of each category. Special cases which need expert care are directed to the counselling centre for psycho-social counselling.

**Personal and Psycho-social counselling:** Our counselling programme is so designed as to support and assist students who have personal issues. Departments have faculty prepared to counsel students to resolve simple personal problems. If the faculty find the problem deep and complicated, the student is directed to the psychology department. As a result, there occurs an increase in self-confidence, assertiveness, self-esteem, and stress management in students. The College recognizes that personality development, emotional wellness, and success in academic pursuits are closely intertwined. Hence these services are offered to all the students free of cost.

**Library:** Our library, a store house of knowledge for all disciplines, providing plenty of books and journals in OPEN ACCESS manner, increased no of books for poor students, providing brail system for physically disabled students, assistance from library staffs, thousands of e-books and e-journals through INFLIBNET, internet browsing, scanning, printing, colour printing, reprography and CD writing facilities, and is a refuge for students who have a genuine thirst for knowledge. Services are available from **10 a.m. to 6 p.m.**

**Hostel and Canteen Facilities:** Girls' Hostel facilities with internet, library, and indoor games for 50 students are made available outside the campus. Two separate Canteens at each building provides tea, snacks, meals and special food items any time during the day for the students at subsidized rates. Safe and cold drinking water supply through **14** sterilized purification system.

**Career Guidance and Placement:** The institution has a very effective structured mechanism to guide students to choose the profession best suited for them, to impart training in that area and to see that they pass through the tests they have to face to enter that profession and finally to bring to their notice the relevant opportunities announced. The services of a coaching centre of were arranged for methodical and systematic on-the-campus coaching for the interested students after the usual class schedule and on Saturdays. Areas of coaching range from Civil Service to Bank tests. Though selected by companies, UG students prefer to go for higher studies. In the **Science streams** it is seen that around 75-90% go on to pursue further studies whereas in the **Arts stream** about 40-65% go in for formal education, i.e., pursue regular post-graduate courses and about 30-35% enrolled in the open and distance education. **Commerce sees an average of 25-30% pursuing M.Com. and MBA.** The professions chosen by a large number of students of this college are teaching in higher educational institutions, and schools, banks, insurance companies and IT field.



**Table 5.1.4a UGC Funding Approved for Student Support Programmes during XI plan**

UGC Funding Schemes	Amount Received (in Rs.)
Colleges with relatively higher proportion of SC/ST and Minorities	500000 + 1350000
Equal Opportunity Centre in Colleges	250000
Remedial Coaching for SC, ST, OBC (non-creamy layer)	750000
Coaching for NET for SC, ST, OBC (non-creamy layer)	475000
Coaching classes for entry in services for SC, ST, OBC	550000
Career and Counselling Cell	400000
<b>Total</b>	<b>4275000</b>

**Full fee Scholarships / free-ship, admission reservation, marks-relaxation for admission, stipends, free career and progression coaching free study material, free books etc., are made available to students from SC/ST, OBC and economically weaker sections.**

- Free career coaching, free books and stationery, fee concession, and medical help are arranged for economically weaker, other backward and minority community students. **3%** seats are reserved for the physically disabled students as fixed by the Government. College assistance is available to students to participate in various competitions, national as well as international.
- Free consultation in modern general medicine and gynecological expertise are available at the Health Centre functioning on the campus.
- College Cheap store that caters to the various stationery, Books and personal requirement of the students

#### **Students with physical disabilities**

- The physically challenged students are given facilities such as ramps and lifts.
- Classes for them are held in the ground floor of college buildings as far as practicable. They have peers to take care of them, escort them to their classes and help them in their studies.
- College takes special efforts to enable physically challenged students to secure Government free ships.
- College has also provided specially designed wheel chairs for them.
- Visually challenged students have a provision for scribes from the college during tests and university examinations. **3%** seats are reserved during admission, UG & PG, for the physically disabled students as fixed by the Government.
- UGC has extended a grant of Rs.650000/- to cater special needs for differently-abled students.

#### **Medical assistance to students: health centre, health insurance etc.**

- The college has developed a **medical insurance for students** in the form of granting financial assistance to meet their medical expenditure against any accident caused on the basis of their applications.
- College is a Universal member of the **Student Health Home** which provides all sorts of medical assistance in a very cheap rate.
- The Health Centre (Clinic) on campus has one Part-Time doctor visiting every Thursday morning for an hour.



- **Thalassemia** carrier detection for **all students** is done every year in the campus and reports are sent to the respective department for necessary follow up. In case of border line cases and for any sorts of counseling college doctor gives the advice.
- Annually Health awareness and medical counseling/camps are organized under the leadership of **Health subcommittee**. There is a panel of specialized doctors to whom the students are referred to when necessary.
- College also takes immediate medical support from the nearby Sub-division Hospital.
- The sports students who meet with an accident in the sports ground has been given financial aid for this treatment.

#### **Organizing coaching classes for competitive exams**

- The college takes adequate measures to prepare students for School service examination, Bank, railway, SSC exam., and UGC-CSIR-NET/SET, JAM, JBNSTS exams providing adequate reading material.
- Five Elective courses are offered to prepare the students for UGC-CSIR-NET / SET Examinations viz. computer science, microbiology, commerce, geography, food & Nutrition.
- Department of Education and Psychology offer special attention to the participants in newly introduced TET examination.
- Department of Mathematics offers a special coaching for the all India PG entrance Test.
- Guest lectures and coaching classes are conducted in many departments to equip the students to write various Competitive Examinations.

#### **The outcome of these efforts is:**

- Many students from the department of Chemistry, Physics, Mathematics who underwent such a training programme obtained a high score in JAM examination and other All India Entrance for Central Universities, which has enabled them to pursue research in Indian Institute of Technology, IIS, IISER etc
- Students who have undergone the entry in services course/ registered themselves in CEL have passed Bank Examination, School service commission, Railway Examination, TET examination, on campus and off campus MNC recruitment etc.

**Overseas students:** All the above facilities are available for the overseas students.

Students to participate in various competitions/National and International Skill development (spoken English, computer literacy, etc.)

#### **(A) 1-Year Certificate Course in Communication Skills in English & Aptitude Development – conducted by Career Development Cell :**

In order to develop Communication Skills among the students, the college has set up Career Development and Placement Cell, a unique institutional arrangement – incorporated in the year 2003-04 -in the campus, primarily motivated to empower the student community in particular during the Third Year of their UG studies, in the areas of Communication Skills and make them ready to face job interviews.

The Career Development Cell conducts training programmes in Communication Skills, relevant and related Soft Skills, and Numerical Aptitude Development, for the students. The aforesaid training is a self-sponsored, autonomous course that is being offered to the Final / Third Year



Students during their inception in the Third/Final Year Degree Curriculum and is run during the usual college hours along with the general academic curriculum.

The enrolled Final/Third Year students from the UG departments were henceforth trained and tested on Language Skills and Aptitude (Logical Reasoning and Numerical Aptitude). The course is carried out under the coordination of Dr. Meenakshi Krishnan (Dept. of English), Dr. Nilay Karchowdhuri (Dept. of Chemistry) and Sri Partha Banerjee (Dept. of Commerce), Dr. Chandrasekher Mukherjee, IQAC Co-coordinator with the Principal (at the apex) and a Committee (acting as the consultation body) comprising of the coordinators, experts in related domains, and internal members of Faculty (College & Dept. of Career Development Cell - Full time Management Appointed, Class Basis, and Guest).

**Table 5.1.4b Student Enrolment Data :**

Year / Session	Students Enrolled	Students opting for Certification and Placement Opportunities
2009-2010	373	74
2010-2011	384	150
2011-2012	493	163
2012-2013	340	100
2013-2014	277	On-going

**(B) TCS 80-Hours on-Campus Training, Certification and Hiring Programme :**

In order to empower students with Communication Skills in English, employability skills, interpersonal skills, leadership skills, organizational skills, relevant soft skills and other relevant Aptitude, the college hosts an 80-Hour intensive Training, Certification and Hiring Programme for the Final Year UG Students. The Career Development Cell of the college has made the necessary liaison for coordination and conducting the training and extending logistics and infrastructural support for the same so that the Corporate Training and Exposure given to the students during the mentioned training (conducted by expert trainers from TCS) may strengthen and supplement the existing “1-Year Certificate Course in Communication Skills in English & Aptitude Development”. In addition, the TCS 80-Hours Training Programme helps to bridge the Industry-Academic Gap and the Career Development Cell also gets necessary inputs and feedback from expert trainers from the industry. The college, treated a valued partner by TCS, has initiated the programme successively during the sessions 2011-12 and 2012-13.

**Table 5.1.4c**

Year / Session	Date of Programme	Students Certified
2011-2012	10/01/2011 – 31/01/2012	121
2012-2013	17/12/2012 - 05/01/2013	134
2013-2014	10/12/2013 – 24/12/2013	136

**(C) UGC Sponsored & West Bengal State University affiliated – “Career Oriented Soft Skills” (UGC Career Oriented Certificate Course)**

A significant milestone has been achieved when the college got the approval and fund from the UGC to conduct Three Career Oriented Courses – (1) Computer Aided Accounting and Taxation, (2) Foreign Trade Management with Logistics and e-commerce and (3) Career Oriented Soft Skills. The



curriculum for all the three mentioned earlier has been sponsored by UGC and approved by West Bengal State University. – vide letter dated 21 DEC 2011, No – F.No. 4 – 259/2011 (COC) from The Under Secretary (FD-III), University Grants Commission, New Delhi – 110002, and letter dated 31/01/2012, No. – WBSU/IC/BRSC/103/23/12 issued by The Inspector of Colleges, West Bengal State University respectively.

Out of the three Career Oriented Courses, the curriculum of the Career Oriented Soft Skills aims to develop Interpersonal Skills, People Skills, Communication Skills, Creative Problem Solving Skills, Strategic Thinking Skills, Team Building Skills, Influencing Skills, and Negotiation Skill etc.

In order to render effective training the college has set up a well equipped **Language Laboratory** at 85 Middle Road Campus (Room No – 137 A) which includes “Orell Digital Language Lab – ODLL” Software (Developed and promoted by Orell Techno Systems (India) Pvt. Ltd., ISO 9001:2008 Certified Company, Cochin – 24.) for ear training, listening skills development and other relevant areas of Speech Practice.

The target group for the course being UG students in the Final Year of graduation (any stream), Graduate Job-Hunters and Aspirants for Higher Education. Enrolment is made through Counseling Session and Newspaper Advertisement. In addition, necessary training on Communication Skills, Related Soft Skills and Necessary Workplace Skills are also provided to the students of the other two UGC Career Oriented Courses – Computer Aided Accounting and Taxation and Foreign Trade Management with Logistics & e-Commerce.

**Table 5.1.4d**

Year / Session	Students Enrolled	Students Passed
2012-2013	COSS-21 CAAT-4 FTM-1	COSS-21 CAAT-4 FTM-1

**(D) UGC Sponsored & West Bengal State University affiliated – “Computer Aided Accounting & Taxation”**

The aforesaid course, abbreviated CAAT, aims to bridge the gap between the acute demand and supply of trained human resource in the field of IT enabled Accounting and Taxation, to add value to the formal education in order to make them more employable, to impart practical knowledge on IT enable Accounting, Taxation, and Financial Services as a supplement to their general curricula.

One of the noticeable features of the CAAT is that the course also empowers the students with necessary training (embedded within the Papers / Modules) which may lead towards self-employment in certain related domains – Maintaining accounts for VAT,CST,PF,ESI, Professional Tax; E-filing of Tax and other Returns; Handling Accounts of small to medium sized businesses.

Student data :

**Table5.1.4e**

Year / Session	No. of Students	Students Passed
2012-2013	06	04



**(E) UGC Sponsored & West Bengal State University affiliated – “Foreign Trade Management with Logistics and e-commerce”**

The aforesaid course, abbreviated FTM, was framed and set up with the objective to make the job ready in the field of Foreign Trade (Export-Import), to add value to the formal education of the students in order to make them more employable at the end of graduation, to equip the students on theoretical aspects of Foreign Trade procedures and impart hands on customer-driven experiences on Foreign Trade practices.

**COMPUTER LITERACY:**

In fact, 80-85% students at their entry level are computer literate, because in most of the schools, now a day, computer literacy programme is carried out on. Most of the Science subjects taught in the college, there are provisions in the curriculum for acquiring computer learning and skill. Among the Arts subjects, Journalism and Mass Communication students have the scope in their curriculum to acquire basic computer learning. For the rest the college has its own mechanism.

When students are counselled for enrolment in the value-added education, we gather information to prepare database so that we can easily identify the students who are still left with no basic computer knowledge. We arrange separate classes for them to acquire computer skill. Our objective is to reach a position where every passed out student of this college will be computer literate. We can claim that now we are 5% short of that, which we will definitely achieve in the very near future. Besides the college in association with The Institute of Computer Engineers (India) is providing NIELIT “O” level and PGDSE / NIELIT “A” level program to the students.

**Table 5.1.4f Session wise Student database for “O” – level and PGDSE courses**

Course	Duration	Session	No. of student admitted	% of pass out student
<b>NIELIT “O”- LEVEL</b>	<b>One(01) Year</b>	Jan '09 –Dec '09	09	55
		July '09 –June '10	30	52
		Jan '10 – Dec '10	12	65
		July '10 – June '11	35	67
		Jan '11 – Dec '11	16	62
		July '11 – June '12	34	60
		Jan '12 – Dec '12	15	58
		July '12 – June '13	44	63
		Jan '13 – Dec '13(Running)	25	NA
		July '13 – June '14( Running)	34	NA
<b>PGDSE (Post Graduate Diploma in Software Engineering) /Eqv. to NIELIT “A”- LEVEL</b>	<b>One and half (1 ½ ) year</b>	Jan '09 –June '10	15	35
		July '09 –Dec '10	16	30
		Jan '10 – June '11	08	25
		July '10 – Dec '11	05	30
		Jan '11 – June '12	08	27
		July '11 – Dec '12	03	33
		Jan '12 – June '13	03	32
		July '12 – Dec '13(Running)	06	NA
		Jan '13 – June '14	Nil	NA
July '13 – Dec '14(Running)	02	NA		

**Support for “slow learners”**

The college provides financial assistance for Remedial classes and peer



learning which help the slow learners to cope with their academic demands. Improvement tests are given to UG and PG students before the university examinations or PG semester examinations. Some departments render tutorial classes / programmes outside the class hours. In the year 2013, summer remedial classes and examinations were conducted for the supplementary students.

**Exposures of students to other institution of higher learning etc.**

In many departments Industrial visit / on-the-spot study form part of the teaching and evaluation process for most of the courses. Local field trips are also arranged for the students to gain more knowledge in the subjects they learn. The field trips to corporate firms, research labs and academic institutions of reputation enable them to make better options for career and higher studies. (Ref. Table No. 3.5.1)

**Publication of student magazines**

Students contribute articles for College Magazine and Wall Magazine. Both College Magazine and Wall Magazine have a team comprising of student and staff editors for English, Hindi and Bengali, who work in tandem to ensure that these endeavors are constructive and progressive.

**Magazine:** The college magazine published annually provides an opportunity for the students to bring out their creative skills. Through the magazine the activities of the college are made known to alumnae and friends of the college in India and abroad.

**Wall Magazines:** The **individual** departmental wall magazines encourage students to respond creatively to the issues of life which is displayed in a graphic manner on the student notice board (64" ) outside of each department. This is an ongoing creative forum for students to showcase their talents; Writing, Painting etc. These wall magazines enable students keep abreast of all aspects of college life. The different themes for the Wall Magazines reflect events of the college calendar and National events.

The Journalism Department brings out its own journal, 'Batayan', which is awaited eagerly by the students of the department.

Post Graduate department of Commerce and Economics is publishing a peer reviewed **Journal of Business and Economic Studies**. The journal though at a younger stage is becoming a powerful research tool to the Social Science and commerce community of national level.

**5.1.5 Entrepreneurial skills and impact**

Entrepreneurial skills among the students are developed by encouraging them to take initiatives in handling cultural programmes, sports activities, students' seminars, etc. The institution taps their leadership skill by providing scope to organise various events so that they can develop their entrepreneurial potentialities. Some of the seminars are in 3.1.6 for ready reference.

Every year the students' union organises 'SAGNIC', a weeklong annual cultural competition where students get opportunity to exhibit their talent in different spheres of cultural activities. **Annual Sports** and **Annual Social Function** are also organised by students' union. Students can exhibit their creative activities in **Drawing, Painting, Artworks** and other **Handicrafts**, through an Exhibition held annually.

Various **Skill Development Programmes** are conducted in departments to impart Personal, Technical and Managerial skills (Ref. Table 3.66 & 3.68) to the students for their personal enhancement and also to prepare them for



future career. Few such Skill Development Programmes include Enhancing Communication Skills, Soft Skills, and Awareness Programmes on Employment Opportunities etc.

#### 5.1.6 Extracurricular and co-curricular

The college promotes participation in sports through flexibility in admission, fee payment, attendance and evaluation requirements and appropriate boarding and lodging facilities for outside campus participation.

##### Strategy

- Students who have a good track record in sports (National or state Level) are given admission in the general subjects fulfilling the minimum criteria prescribed by the university.
- Sports students are given free ships / subsidy/ time to pay fees beyond the last date.
- Test timings are adjusted according to tournament schedules.
- Free / subsidized boarding and lodging with special diet.
- Rs. 1000/-or a blazer as for University Blues.
- Rs. 1500/- or a blazer as for National players.
- Breakfast, Sports uniform and Shoes are provided in the college free of cost.
- The college has excellent facilities for various sports and games like Volleyball, Basket ball, Badminton, chess, Football, khokho, Cricket, gymnastics etc., and for athletics. Regular coaching is given for these events in the campus by specialized coaches. Besides the regular events at the college level, we are able to provide the venue for West Bengal State University Intercollegiate Championships in khokho, Kobaddy, Judo, Women Football, Chess etc.
- Appointment of two physical education teachers and four specialized coaches from the college fund.

##### Academic Flexibility for Sports students

- Sports students can take any one of the formative tests,
- They can also take two tests. If they take both the tests, best of 2 tests will be considered.
- Provision is also given to write retests and assignments;

#### 5.1.7 Support and guidance for competitive exams (UGC-CSIR- NET, UGC-NET, SLET,/Central/State services, Defense, Civil Services, etc.)

The institution has always given a special emphasis to provide guidance and support to students and to arrange classes by experts for almost all competitive examinations. All the PG departments incorporate the **training for UGC/CSIR, NET/JRF** examination while teaching the Syllabus. In addition to this, additional training is provided by resource persons from outside the campus. The details of the outcome on this behalf, for the period 2008-12 are given below:

**Table 5.1.7 Outcome of Training for UGC/CSIR, NET/JRF Examination**

Sl. No	Examination	Number of students	
		Trained	Qualified
1.	UGC CSIR/NET (Science)	280	47
2.	UGC-NET (Commerce )	185	03
3.	UGC-NET (Humanities)	-	07
4.	GATE / JAM	219	48



5.	Central Government	1414	238
6.	State Government		216
7.	Other		89

### 5.1.8 Counselling services

#### ACADEMIC COUNSELLING

- Consists of counselling the prospective UG and PG students before their admission in the respective Undergraduate and Post Graduate Courses. This mode of Academic Counselling is duly notified – in the college website and other Notice Boards inside the college. The members of Faculty, HOD conduct the counselling session on the stipulated days for their respective departments.
- In addition, faculty members are available to students for consultation and advice on personal & social problems.
- Counselling classes are available in the routine. There are cubicles for each department & space in the library for academic counselling. Students can have their specific academic problems sorted out with the help of their respective teachers. This offer remains open for Part I, II & III Examinees during slack session [Feb. - May]. The service is extended for both advance and backward students.

**Table 5.1.8 UG Courses:**

Subject	Date of Counselling			
	2012-13	2011-12	2010-11	2009-10
English	22.06.2012	21.06.2011	23.06.2010	17.06.2009
Journalism & Mass Communication	22.06.2012	21.06.2011	23.06.2010	17.06.2009
Geography	22.06.2012	21.06.2011	23.06.2010	17.06.2009
Bengali	26.06.2012	22.06.2011	23.06.2010	17.06.2009
Hindi	26.06.2012	22.06.2011	23.06.2010	17.06.2009
History	26.06.2012	22.06.2011	23.06.2010	17.06.2009
Political Science	27.06.2012	24.06.2011	25.06.2010	21.06.2009
Philosophy	27.06.2012	24.06.2011	25.06.2010	21.06.2009
Education	27.06.2012	24.06.2011	25.06.2010	21.06.2009
Sociology		14.06.2011		21.06.2009
Accounts & Finance	21.06.2012	20.06.2011	17.06.2010	18.06.2009
Marketing	21.06.2012	20.06.2011	17.06.2010	16.06.2009 & 18.06.2009
Economics		14.06.2011		
Computer Science	25.06.2012	23.06.2011	24.06.2010	19.06.2009
Chemistry	25.06.2012	23.06.2011	24.06.2010	19.06.2009
Microbiology	25.06.2012	23.06.2011	24.06.2010	19.06.2009
Physics	25.06.2012	23.06.2011	24.06.2010	19.06.2009
Psychology	28.06.2012	27.06.2011	28.06.2010	22.06.2009
Food & Nutrition	28.06.2012	27.06.2011	28.06.2010	22.06.2009
Zoology	28.06.2012	27.06.2011	28.06.2010	22.06.2009
Mathematics	28.06.2012	28.06.2011	25.06.2010	
Electronics	28.06.2012	28.06.2011	25.06.2010	
Business Administration	29.06.2012	28.06.2011		

**Table 5.1.8a PG Courses:**

Subject	Date of Counselling		
	2012-13	2011-12	2010-11
Microbiology	31.07.2012	17.8.11	11.08.2010
Computer Science	31.07.2012	16.8.11	11.08.2010



Geography	01.08.2012	16.8.11	11.08.2010
Food & Nutrition	31.07.2012	17.8.11	11.08.2010
Accounts, Finance & Control	01.08.2012	17.8.11	12.08.2010
Marketing Management	01.08.2012	17.8.11	12.08.2010

### Career Counselling:

- The **First Phase of Career Counselling** is initiated when the Career Development Cell conducts career counselling sessions for all the Undergraduate Departments of the college – which is *stream specific* and notified beforehand – for the students before the provisional admission in the Final / Third Year of the general degree curriculum. Students are persuaded to realize the importance of proficiency in communication. Creating awareness is the first thing that is targeted. During this phase students are exposed to motivational lectures delivered by the members of faculty of the Career Development Cell, Coordinator/s of the Career Development Cell, Placement Officer, and Teachers from the respective department. After the presentation students are allowed to ask questions and clear their doubts. Thereafter they enrol themselves in the value added education programmes, which includes, Communicative English language and Soft Skill Development (optional mode). Participating in this Counselling Session and Procurement of the duly signed counselling Cards/Tokens is rendered compulsory before admission to the Third / Final Year degree course. The students have to produce the duly signed Counselling Cards / Tokens to the college at the time of admission in the Final/Third year course.
- **The second phase of counselling** begins when a specific date is fixed for campus recruitment. Students are made aware of the details of the company, Job profile and the mode of interview that they will be attending. This is done during the Career Development Cell led classes for Communication Skills development, Soft Skills Development and Aptitude (Logical Reasoning & Numerical Aptitude) development sessions conducted on campus along with the regular academic course.
- **The Third Mode of Career Counselling** for the UG and PG students of the college is being carried out by the Career Development Cell, the Members of Faculty & HOD of the respective departments, eminent experts and resource persons from different domains, Subject Experts and other eminent dignitaries brought under one roof through **Career Fair**.
- **The Career Fair** (First initiated during session 2006-07 when the college organised its first Career Fair from 26th November to 2nd December 2007 to expand and broaden the counselling and career building activities amongst the students) is termed as the **Career Counselling Expo cum Job Fair**. This event brings together education institutes, fresh entry level talented individuals looking forward for further education, Part-time courses, distance courses, etc. under one roof. The Career Expo cum Job Fair is one of the most remarkable events that brings together Institutes and organizations from various verticals under one roof with highly competitive and professional job seekers and individuals looking to pursue some or the other kind of additional qualification; thereby serving as the platform for an open and wide-ranging career and employment opportunities.



**Table 5.1.8b The detailed schedules for the Career Counselling Sessions conducted during 2009-10 to 2012-13 is mentioned hereunder**

2012-13	2011-12	2010-11	2009-10
<b>Days of commencement</b> 20.12.2012 – 24.12.2012	<b>Days of commencement</b> 15.12.2011 – 17.12.2011	<b>Days of commencement</b> 08.12.2010 – 10.12.2010	<b>Days of commencement</b> 01.12.2009-04.12.2009
<b>Inauguration &amp; Keynote</b> <b>Address by Prof. Basab Chaudhuri Registrar, C.U.</b>	<b>Inauguration of the fair by Prof. Basab Chaudhuri Registrar, C.U.</b>	<b>Inauguration of the fair by Prof. Basab Chaudhuri Registrar, C.U.</b>	<b>Inauguration of the fair by Prof. Ashok Ranjan Thakur, VC, WBSU</b>
<b>Speakers on Panel Discussion</b> <b>Professor Chanchal Chakraborti</b> Retired Professor BRSN College <b>Sri. Kallol Saha Lecturer-</b> Department of Commerce <b>Dr. Debasish Chattopadhyay</b> Principal South Calcutta Law College <b>Sri Koulik Ghosh Journalist.</b> ABP <b>Sri Srijib Bardhan</b> Deputy Director, EIRC ICAI <b>Dr. Chittaranjan Mandal</b> Chairman, Central School Service Commission	<b>Speakers on Panel Discussion</b> <b>Professor Basab Chaudhuri</b> Registrar, Calcutta University <b>Dr. Chittaranjan Mandal</b> Chairman, Central School Service Commission <b>Professor Malayendu Saha</b> Professor in Commerce, Calcutta University <b>Sri Koulik Ghosh</b> Journalist. ABP <b>Dr. Ranjit Chowdhury</b> Principal, IIHM <b>Sri Srijib Bardhan</b> Deputy Director, EIRC ICAI	<b>Speakers on Panel Discussion</b> <b>Prof. Dhrubaranjan Dandapate</b> Co-ordinator, MBA Finance, C.U. <b>Dr. Nilangshu Bhattacharya</b> Member of Faculty Jogesh Ch. Law College <b>Dr. Ranajit Basu</b> Chairman. Central SSC <b>Mr. Srijib Bardhan</b> Dy. Director. EIRC, ICAI	<b>Speakers on Panel Discussion</b> <b>Prof. Dipak Kr. Bagchi.,</b> Ex-VC, BCKV <b>Dr. K. D. Ghosh,</b> Hon'ble M.L.A <b>Dr. Anjan Sengupta,</b> General Secretary, All Bengal Principals' Council <b>Prof. Ashish Kr. Dasgupta.</b> <b>Sri Manas Thakur,</b> Chairman ICWAI, ERIC <b>Sri Chanchal Chakraborti,</b> BRSNC
<b>Other Experts from Industry and Academics</b> <b>Dr. Chittaranjan Mandal</b> Chairman, Central School Service Commission <b>Dr. Sarmistha Banerjee</b> HOD - Department of MBM CU <b>Dr. Debaprashad Chatterjee,</b> Associate Professor, Moulana Ajad College <b>Dr. Rajib Dasgupta,</b> Department of Commerce, CU <b>Dr. Anjan Majumder</b> <b>Dr. Chandrasekhar Mukherjee</b> <b>Smt. Deblina Dutta</b> <b>Dr. Debatri Mukherjee</b> <b>Prof. Gunomani Saha</b>	<b>Other Experts from Industry and Academics</b> <b>Sri Koulik Ghosh</b> Journalist. ABP <b>Sri Bhaskar Banerjee</b> Director, Frontline Institute of Examination Centre <b>Sri Suman Ghosh</b> Director, NITS Campus Hiring Drive by GENPACT <b>Dr. Ambika Charan Banerjee</b> East India Pharmaceuticals Ltd. <b>Dr. Anjan Majumder,</b> <b>Dr. Chandrasekhar Mukherjee</b> <b>Smt. Deblina Dutta</b> <b>Dr. Debatri Mukherjee</b> <b>Prof. Gunomani Saha</b> <b>Dr. Srimanta Sinha Roy</b> <b>Dr. A.N. Chatterjee</b>	<b>Other Experts from Industry and Academics</b> <b>Suman Dey ,</b> Topic : RS & GIS <b>Amitava Bhaduri,</b> Topic: NET/SET/CSIR <b>Dr. Anjan Majumder</b> <b>Dr. Chandrasekhar Mukherjee</b> <b>Smt. Deblina Dutta</b> <b>Mr. Chanchal Chakraborty</b> <b>Dr. Jyoti Prasad Chatterjee</b> ICA SHINE <b>Dr. Abdul Odud</b> <b>Smt. Lipika Biswas</b> <b>Smt. Dipali Hazra</b> ATDC	<b>Other Experts from Industry and Academics</b> <b>Sri Alope Mookherjee,</b> Former Chairman CII <b>Dr. Ranjit Basu,</b> Chairman Central SSC <b>Pailan Aviation Institute</b> <b>Jetking.</b> ICWAI <b>Institute of Chartered Accounts of India</b> <b>Genpact</b> <b>1. Prof Samar</b> <b>Bhattacharya,</b> Director, <b>School of Education</b>



<p><b>Dr. Bimal Ghosh</b> <b>Dr. Srimanta Sinha Roy</b> <b>Dr. A.N. Chatterjee</b> <b>Prof. Goutam Chaudhuri</b> <b>Prof. Sanjay Kumar</b>, HOD- Dept. of Electronics, JU <b>Dr. Partha Chaudhari</b>, Asso. Prof. Cultivation of Science JU <b>Sri. Nilotpal Chattyopadhyay</b> <b>Dr. Sujata Choudhury</b> <b>Smt. Lipika Biswas</b> <b>Smt. Sutapa Ghosh Dasttidar</b> Sri. Arunav Banerjee Dr. Meenakshi Krishnan Sri. Dipak Bhattacharya Dr. Neeraj Sharma Sr. Bibek Shaw Dr. Debnath Chaudhuri HOD, Dept. of Biochemistry and Nutrition, AIIHPH <b>Dr. Gopinath Saha</b> Ex Director- NATMO <b>Dr. Sumana Dey</b> <b>Dr. Sutapa Saha</b> <b>Sri. Jyotirmoy Neogi</b> Faculty of CDP <b>Camelia Group</b> <b>Mr. Joyjeet Dutta</b> Export Import Institute of Cost &amp; Works Accountant <b>Smt. Sibawita Mukherjee</b> <b>Smt. Sreetama Bose</b></p>	<p>Professor D. P. Bhattacharya, Emeritus Professor, J.U. Professor M. Moitra, BESU Dr. Balen Basu, Director, OPSIS SYSTEMS Dr. Suman Dey Dr. Sutapa Saha Dr. Dibyendu Bhattacharya HOD, KU Sri. Mani Sankar Roy Sri. Lipika Biswas Sri. Dipali Hazra Professor Pallab Mukhopadhyay, WBSU Sri. Hirendranath Chattyopadhyay Presidency University Sri. Partha Banerjee Sri. Arunav Banerjee Dr. Meenakshi Krishnan Sri. Dipak Bhattacharya Dr. Neeraj Sharma Sri. Manoj Gupta, ISB&amp;M Sri. Joyjit Dutta, Export Marketing Manager, Red Chilly Mercantile Pvt. Ltd. Sri. Arindam Mukherjee (NIPM), ICWAI Sri. Chanchal Chakraborty Dr. Jyoti Prasad Chatterjee Professor N.D. Paria, Ex- V.C VU Dr. Sujata Choudhury Sri. Debiprasad Bhattacharyya Sri Soumya Mondal, TCS Sri Anirban Chakraborty, SBI, IT officer Sri Sougata Paul, UNITEC</p>	<p>Mr. Partha Banerjee Mr. Dipak Bhattacharya ISB&amp;M Mr. Ayan Talukder Mr. Arindam Mukherjee EIILM &amp; EBDCI Dr. Ananda Mohan Pal Co: Abhijit Kundu ICWAI Mr. Ganga Gobinda Sinha Mr. Jyotirmoy Neogi Topic: All Government Service and NDA / CDS</p>	<p><b>Technology, J.U</b> <b>2. Dr. Dhruba Ranjan Dandapate</b>, Head, Dept. Commerce, C.U. <b>3. Dr. Ranjit Chaudhury</b>, Principal, IHM. <b>Prof. Arup Mukherjee</b>, Dept of Chemical Technology, University of Calcutta <b>4. Prof Saktipada Bhattacharya</b>, Ex-Director, Institute of English, Calcutta <b>Arpita Gadhia</b>, Wipro BPO Aptech Computer Centre</p>
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### 5.1.9 Career guidance and placement

The college has a very well defined mechanism for career guidance and placement of its students. For smooth functioning of the whole process the college has recruited one placement officer, Sri Saikat Nandi, **as per the guideline of the NAAC peer team visit during March 2009.**

- ❖ The placement officer assists to the students for identifying Job Opportunities through the Career Counselling Sessions conducted categorically through the Career Fair and Career Counselling before the admission in the Final Year of the General Course of Studies (detailed vide Sub-section (2) under Section 5.1.8)
- ❖ The placement assistance is offered only to the Final / Third Year Students of the College who opt for such services. The students are being prepared for the interviews during the classes in the **1-Year Certificate Course in Communication Skills in English & Aptitude Development.**
- ❖ Besides, certain interactions and classes are arranged before a Campus Hiring Drive (during the **1-Year Certificate Course in Communication Skills in English & Aptitude Development, abbreviated CEL**, classes for better orientation of the willing students and necessary honing of skills – Communication Skills in English, Aptitude – Numerical & Logical Reasoning, Preparation of CV/Resume etc. ).
- ❖ Students also benefit from the **TCS 80-Hours Training & Certification Programme** (details mentioned vide section 5.1.4) as the entire programme is meant for preparing the students for corporate interviews and sharpen their employability skills.
- ❖ The preparatory session continues throughout the Final Year in a routined manner for the enrolled students for the Value added Programmes as the classes for the same are focused to foster betterment of the student for faring well in the interviews conducted for recruitment.

In a general undergraduate degree college, campus recruitment is not a very popular phenomenon. Our college can claim distinction in this regard. The Career Development Cell of the College operates a Placement Cell (the Placement Officer acting as the liaison personnel with the recruiters and the student).

In the first assessment report, the members of the visiting Peer Team of NAAC (Dec. 2002) noted the names of only two industries, which had conducted campus interviews. However, during the re-accreditation (March 2009) and afterwards more Companies and Corporate Houses have visited our campus and recruited our students as their employees. Some of these hiring drives were conducted through Pool-Campus mode. To name a few -

**Table 5.1.9**

1. Cognizant Technology Solutions	8. IDBI Capital
2. Wipro BPO	9. DISHA Eye Hospital
3. Genpact	10. Tata Johanson Automative Ltd
4. IBM	11. Infosys
5. ACC Ltd	12 Satyam Computers
6. Dabur	13. Tech Mahindra
7. ITC	14. Tata Consultancy Services

**The Detailed Placement Record – Session 2009-10 to Session 2012-13  
Session 2009 – 2010**



**Table 5.1.9a Through Campus Hiring Drive conducted on-Campus**

Sl .No	Name of the Company	Date of Campus Visit	Nature of Hiring	Number of Selects
01	FIRST SOURCE	10/02/2010	On Campus	14
02	WIPRO BPO	16/02/2010	On Campus	02
03	GENPACT	19/02/2010	On Campus	02
04	IBM (Daksh)**	25/02/2010	On Campus	18 (13+5)
Total				36
Av. No of students who opted for appeared for the Campus Hiring Sessions				74
Percentage Selects				48.64 %

**(a) Table 5.1.9b Through Off-Campus pursuits – Counsellor, Enabled & Motivated by Career Development Cell**

Sessions	Central Govt.	State Govt.	Others – MNC, Corporate Houses, Small & Medium Scale Private Firms	Total
2009 - 2010	47	58	31	136

**Total Number of students Placed in the Session 2009-2010 = (a) + (b) = 36 + 136 = 172**

**Total Number of Students enrolled in Career Development Cell (for self-sponsored, horizontal mode, and autonomous value-add courses) during Session 2009-2010 = 373**

**Percentage Placement for the Session : 2009 – 2010 = 172/373 = 46.11%**

**Session 2010 – 2011**

**(a) Table 5.1.9c Through Campus Hiring Drive conducted on-Campus**

Sl .No	Name of the Company	Date of Campus Visit	Nature of Hiring	Number of Selects
01	IBM (Daksh)	16/11/2010	On campus	30
02	WIPRO BPO	22/11/2010	On campus	10
03	GENPACT	24/11/2010	On campus	05
04	ACC Ltd	23/03/2011	Pool Campus BRSNC - Host	08
05	CTS	29/03/2011	On campus	13
Total				66
Av. No of students who opted for appeared for the Campus Hiring Sessions				150
Percentage Selects				44 %

**(b) Table 5.1.9d Through Off-Campus pursuits – Counsellor, Enabled & Motivated by Career Development Cell**

Sessions	Central Govt.	State Govt.	Others – MNC, Corporate Houses, Small & Medium Scale Private Firms	Total
2010-2011	74	51	21	146

**Total Number of students Placed in the Session 2010-2011 = (a) + (b) = 66 + 146 = 212**

**Total Number of Students enrolled in Career Development Cell (for self-sponsored, horizontal mode, and autonomous value-add courses) during Session 2009-2010 = 384**

**Percentage Placement for the Session : 2010 – 2011 = 212/384 = 55.20 %**



### Session 2011 – 2012

#### (a) Table 5.1.9e Through Campus Hiring Drive conducted on-Campus

Sl .No	Name of the Company	Date of Campus Visit	Nature of Hiring	Number of Selects
01	WIPRO BPO	08/11/2011 & 09/11/2011	On Campus	09
02	CTS	17 / 11 / 2011	Off Campus	02
03	IBM Global	09/12/2011	On Campus	18
04	GENPACT	16/12/2011	On Campus	11
05	ACC Ltd.	17/12/2011	Pool Campus BRSNC - Host	05
06	TCS e-Serve International	10/01/2012 to 31/01/2011 and 25 /05/2012	Training and Placement - on Campus	15
07	TCS (IT )		Through TCS IGNITE on-line registration	06
08	Infosys	27 / 02 / 2012	Pool Campus BRSNC – Host	22
10	MPS Group	17 / 05 / 2010	On Campus	04
Total				92
Av. No of students who opted for appeared for the Campus Hiring Sessions				163
Percentage Selects				56.544%

#### Table 5.1.9f Through Off-Campus pursuits – Counselling, Enabled & Motivated by Career Development Cell

Sessions	Central Govt.	State Govt.	Others – MNC, Corporate Houses, Small & Medium Scale Private Firms	Total
2011-2012	117	51	37	205

**Total number of students Placed in the Session 2011-2012 = (a) + (b) = 92 + 205 = 297**

**Total Number of Students enrolled in Career Development Cell (for self-sponsored, horizontal mode, and autonomous value-add courses) during Session 2011-2012 = 493**

**Percentage Placement for the Session: 2011 – 2012 = 297/493 = 60.24**

#### 5.1.10 Student Grievance Redressal Cell

A Student Grievance Redressal Cell has been effectively functioning on this campus for the last several years and the grievance-redress data of the last four years are as shown below: **Table 5.1.10**

Date	Nature of Grievance	Redressal Measures
13.11.2013	Complain against students of RK Mission for throwing stones to the class rooms of Prof. Manali Chaudhuri	Principal reported the complaint to the secretary, RK Mission (Ref. No. 189/ 13/ 303/ GRC dated 13.11.2013. The secretary has taken measure instantly. (ref.No.F.30 /10 (T.O) dated 13.11.13
18.09.2013	Complain against Sri Vivek Shaw for compelling a student for private tuition.	Principal took immediate action, met the teacher and requested him to take corrective measures. After a few weeks he enquired about the matter and was informed that the problem has been solved.
30.08.2013	Complain against Sri Santanu Kumar Das for using abused languages by students of M.Com. IIIrd	Action has been taken by the college after enquiring the incidents.



	Sem.	
14.07.2012	Complain against a student, Ms. Jayeta Das, by a father of a student named Tanweer Iqbal for black mailing.	Principal has placed the problem to the police station and action has been taken by the police authority
23.09.2012	Facing water crisis in girls' hostel	1. Ferule of the underground pipe has been changed with the assistance of the Municipality 2. 5Horse power pumps(two nos) has been installed 3. New water tank has been installed
24.05.2012	Complain against Debojit Swarnakar by father of Narayan Kumar	The accused students were called by the Principal. He tendered unconditional apology and assure that it will not recur.
12.05.2012	A representation to the Principal by the students attracting his attention towards some academic problems	Principal took immediate action, met the teachers and requested them to take corrective measures. After a few weeks he enquired about the matter & found 60 classes have been taken after periodical examination.

#### 5.1.11 Sexual Harassment Redressal Cell

The college has a Sexual Harassment Redressal Cell where a Senior Lady faculty member is the Chairperson and Teachers' Council Secretary, a member from Governing Body and two members from the teachers' forum, one member from non-teaching staff and students' representative for prevention of sexual harassment of women students. It generally does not happen in the college. The institution has not witnessed a single case during the last four years. More over to prevent the occurrence of such type of incidents, the college has arranged gender sensitization programme for awareness among the students.

#### 5.1.12 Anti-Ragging Committee

The institution has an anti-ragging committee formed according to the statutory provisions; but instances of ragging have never been reported so far. However, "UGC DRAFT REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS" has been incorporated in the prospectus every year.

#### 5.1.13 Welfare Schemes

The college under the leadership of Secretary, Teachers' council coordinates the numerous schemes aimed at the all-round welfare and well being of the students. The schemes are listed below in detail.

- **Orientation:** New students are briefed on matters pertaining to the programs/courses, fees, accommodation and the rules and regulations of the college.
- **Counselling:** Counselling services on academic and non-academic matters are available to all students, as explained earlier.
- **Mentoring and Tutorial System:** The College has been practising the mentoring and tutorial system for the past 10 years in a very effective manner. Twenty to thirty mentees are entrusted to the care and supervision of each faculty in the college. Throughout the academic programme the mentor watches closely the academic progress of the student and directs and helps her to choose a fulfilling career in life.

**Financial Assistance:** In addition to the assistance offered to the students by the government, the college has its own schemes by which the poor and the needy can get financial assistance not only for purposes of the course but also



for personal and family needs. The library also comes forward with help for the poor through its Book Bank which lends to them prescribed text books for use during the course period free of charge. They are exempted from fee payment and are provided with financial assistance for study tour, treatment, higher studies etc.

**Extra Curricular Activities:** Students are encouraged to participate in extra-curricular activities.

**Medical Aid:** one doctor visits the college regularly and provide free consultation. The college has developed a **medical insurance for students** in the form of granting financial assistance to meet their medical expenditure against any accident caused on the basis of their applications.

**Placement and Career Guidance:** The HRD/ Career Guidance Cell functioning for this purpose takes care of all the student requirements for securing employment. Some of the programmes conducted by HRD are given below.

**Canteen facility:** College has 4 subsidized canteens – 2 for students in both campuses of the college and a similar figure for the teachers. Subsidy is provided in the form of providing free space, and electricity, water, furniture at zero cost to all the 4 canteens, thereby facilitating both students and teachers to have subsidized food in the campus.

**Special diets:** Round the year after regular practices are available to those who undertake coaching in sports and games. Expenditure in this head crossed more than Rs. 25000/- per annum.

**Professional attachment:** The college has appointed three professional coaches to train the students in football, cricket and athletics. A gym instructor has been appointed to carefully monitor the students when they work exercise on the instruments in the multi-gym.

**Earn & Learn:** College is practicing the 'Earn while you Learn' mechanism as a support service for the students as one of its best practices since 2003-04. Students are maintaining garden, arranging books in the library etc. within this scheme.

#### 5.1.14 Alumni Association

The College has an Alumni Association, 'PRAKTANIKA', which was established in the year 2001 just before the Golden Jubilee celebrations. It is now registered under the West Bengal Society registration Act, 1961 (Registration No. S/1L/51372 of 2007-2008). Its registered office is at 6, Riverside Road campus of the College. The management and control of the society is effected by an Executive Committee, elected every two years by the members of 'Praktanika'. As of now the First Executive Committee has portfolios like President, Working President, Secretary, 2 Asst. secretaries, Treasurer and 5 members.

The aims and objectives of the Association are primarily to promote social welfare through i) adult education ii) eradication of illiteracy iii) raise social consciousness among the rural people.

i. Following is the list of the office bearers:

<b>President</b>	–	Professor Barin Kumar Basu
<b>Working President</b>	–	Sri Kishori Mohan Banerjee
<b>General Secretary</b>	–	Sri Sandip Kumar De
<b>Asst. General Secretary</b>	–	Dr. Srimanta Sinha Roy
<b>Treasurer</b>	–	Smt. Alankrita Dutta

ii. **Alumni Activities** - As part of student support, some of our alumni, Sri Kishori Mohan Banerjee an ex-faculty member of our college and also Alumni, Dr Sandip Dasgupta, Principal, Motijheel Rabindra Mahavidyalaya



and Sri Rabindranath Bhattacharya, Advocate, Barrackpore Court have been providing stipend to six needy and meritorious students of an amount of Rs. 2500/- each.

'Praktanika' convenes meeting regularly to give advice to the authority in the development of the College. Organizes **RE-UNION** of the ex- and present students, teachers, non-teaching staff on the first Sunday of the month of December every year. Students who have secured first class marks in the final level University exam and University rank holders are felicitated on the day of Reunion.

iii. **Glory of Our Institution:**

1. Prof. B. K. Basu (Ex-Dean of Commerce and Management, CU)
2. Sri Pallav Roy Choudhury (Ex-Commissioner, Audit Service)
3. Prof. Kishori Mohan Banerjee (Retired Associated Professor, Commerce, BRSC)
4. Dr. Sandip Dasgupta (Principal, Motijheel Rabindra Mahavidyalaya)
5. Sri Subrata Bhattacharjee (Ex- Footballer, Indian Team & Coach)
6. Sri Srijib Bardhan (Deputy Director, Eastern India Regional Council, ICA)
7. Sri Swastik Chakraborty (Scientist, ISRO)
8. Dr.Chandan Mukherjee, Faculty, Department of Chemistry, IIT, Gauhati.
9. Sri Anurag Dasgupta, Iowa University, USA,
10. Sri Anil Mondal (Ex-Olympian, Weight Lifting)
11. Sri Sushil Sinha (Ex-Footballer, Indian Team)
12. Sri Chinmoy Chatterjee (Ex-Footballer, Indian Team)
13. Sri Bidyut Saha (Scientist, Philips Carbon)
14. Sri Swapan Sengupta (Ex-Footballer, Indian Team)
15. Sri Siddhartha Banerjee (HOD, Computer Science, Ramakrishna Mission Residential College Narendrapur)
16. Dr. Haider Banka (Associate Professor, ISM, Dhanbad)
17. Suvobrata Sen, Nutrition Officer, Nestle India, Kolkata
18. Sandip Banerjee, Assistant professor, Bidhan Nagar College, Kolkata
19. Avishek Ghosh, Asst. Professor, Darjeeling Govt. College, Darjeeling
20. Ashmita Sarkarm, Senior scientist, Microbiology, Edward food research and analysis (EFRAC)
21. Samik Bagchi, Post Doctorate Fellow at Kaust Official, Saudi Arabia
22. Sanchalika Achariya, Research Associate, Duke -Nus Graduate School, Singapore.
23. Sourav Ray, Associate projects Leader, Cognizant Technology Solution, Overseas cooperation, Saudi Arabia
24. Alope Ghosh, Microbiology, Post Doctorate Fellow, Texas A and M University
25. Anindya Ghosh, Doing PhD at universite' de Montreal, Canada
26. Debjani Pal, Research Fellow, Miami University, USA
27. Avik Dutta, State University of New York, USA.
28. Diptiman Choudhury, Post Doctorate Fellow, Dept of medicine, Cedars Sinai Medical Centre, Los Angeles, USA.
29. Smt. Ruma Bogi, Auditor, CAG
30. Sri Palash Mondal, State Microbiologist, Public Health Department, Govt. of West Bengal
31. Debasish Paul, Assistant Manager, Axis Bank
32. Paramita Bose – Admission Officer (Educational Firm) NIMIT Computer Training, Noida, UP



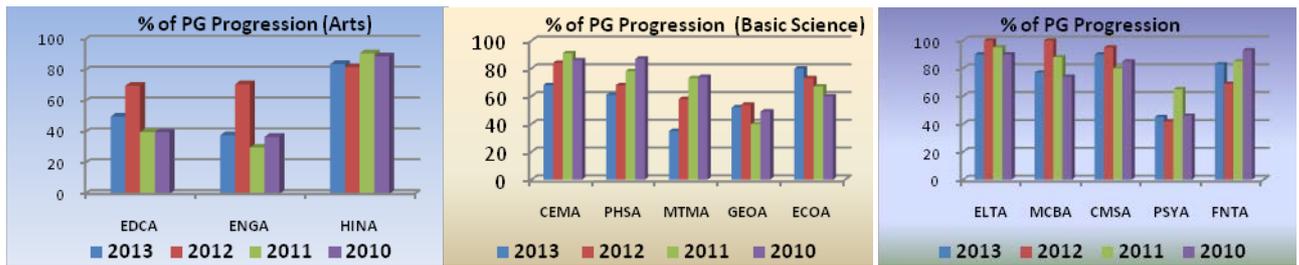
## 5.2 Student Progression

### 5.2.1 Students Progressing to Higher Education

Student progression to further studies can be seen in the following figures:

**Table No. 5.2.1 Students Progression to further studies**

Subject	2013		2012		2011		2010	
	Passed out	Progression to PG (%)	Passed out	Progression to PG (%)	Passed out	Progression to PG (%)	Passed out	Progression to PG (%)
BNGA	67	25	74	10	67	25	69	30
EDCA	53	50	57	70 SSC-8	62	40 SSC-4	51	40 SSC-44
ENGA	34	38	50	71	53	30	57	37
HINA	30	84	31	82	34	91	33	89
HISA	35	20	54	30	55	40	56	45
PLSA	35	25	51	30	44	35	33	30
PHIA	24	16	37	39	29	54	36	40
JORA	37	25	43	30 (NET-1, Empolyed-1)	29	35 NET-1,	38	25
SOCA	33	30	48	19	29	24	24	25
ACFA	132	34	131	32	125	28	136	32
MRTA	94		119		117		98	
CEMA	21	68	24	84	23	91 NET-2, Employed- 4	21	86 (NET-4, Employed-4)
ECOA	17	80	28	73 Employed-2	18	67 Employed-4	18	60 Employed-2
ELTA	11	90	10	100 Employed-1	12	95 Employed-2	26	90 GATE-2, Employed-5
GEOA	36	52	28	54	35	40 Employed-2	31	49 Employed-1
MCBA	22	77	22	100	24	88 (NET-1, GATE-2, Employed-1)	35	74 (NET-2, GATE-2, Employed-1)
MTMA	34	35	31	58	11	73 MCA-1, Employed-5	27	74 (NET-1)
PHSA	27	61 Employed-11	28	68 Employed-18	21	78 Employed-17	40	87 (NET-1, Employed-3)
CMSA	27	90	23	95	25	80 Employed-3	16	85 Employed-5
PSYA	22	45	23	42	28	65 Employed-2	27	46 Employed-1
FNTA	29	83	33	69 Employed-1	20	85 Employed-17	15	93 (NET-2)
ZOOA	16		25		-	-	-	-
BBA	-		08		15		-	
TOTAL	836		978		876		887	



**Professional courses.**

Passed out graduate students completed Post Graduate study now doing Ph.D. (as per information available from departmental data and alumni record) are as following: **Table 5.2.1 a**

Session	2011-12	2010-11	2009-10
Progression to Ph.D.	3	5	5

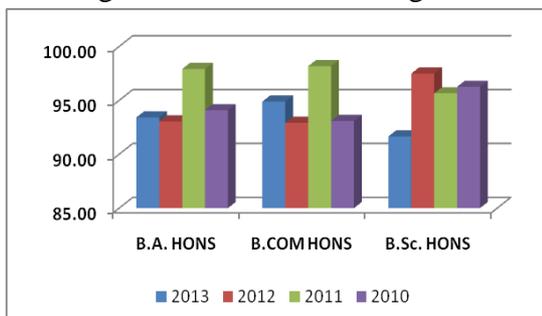
As far as progression to employment is concerned, it was rather less in number soon after their graduation; but now there is a noticeable increase due to the activities of the **Placement Cell** in the institution which conducts value added programmes, trains the students, grooms and arranges a number of campus interviews, specially for students in the final year of their studies.

**Table 5.2.1b**

Student progression	%
UG to PG	65
PG to M.Phil	10
PG to Ph.D.	05
Employed Campus selection Other than campus recruitment	20-25

**5.2.2 Details of the programme wise pass percentage and completion rate for the last four years.**

The college has been maintaining a commendable position in the sphere of academic performance.



**The performance of the college vis-à-vis university in the final examination and the result of a group of nearby colleges mentioning their rank are placed from the data received from university.**

It is to be reported that the result of the college was within the Best Colleges when it was affiliated to the University of Calcutta. At present, the performance of the college vis-à-vis university in the final examination and the result of a group of nearby colleges indicate that the performance is one of the best colleges under the WBSU. The percentage of success, number of first class holders and Rank holders up hold the previous statement.

**Table 5.2.2 Barrackpore Rastraguru Surendranath College  
Result of B.A. /B.Sc. & B.Com. Part- III Examination [2010-2013]**

Subject	2013				2012				2011				2010			
	Appeared	Passed	% of Pass	No. of 1st Class	Appeared	Passed	% of Pass	No. of 1st Class	Appeared	Passed	% of Pass	No. of 1st Class	Appeared	Passed	% of Pass	No. of 1st Class
<b>BNGA</b>	67	66	98.51	0	74	72	97.30	0	68	67	98.53	2	68	68	100	0
<b>CEMA</b>	21	20	95.24	10	24	24	100.00	15	23	22	95.65	13	21	21	100	3
<b>CMSA</b>	27	27	100.00	17	23	22	95.65	16	25	25	100.00	17	27	27	100	12
<b>CPTA</b>	133	129	96.99	42	132	127	96.21	62	126	125	99.21	62	135	126	92.5	45
<b>ECOA</b>	17	12	70.59	5	28	27	96.43	7	18	18	100.00	8	19	14	72	0
<b>EDCA</b>	53	48	90.57	2	58	54	93.10	21	63	62	98.41	8	51	51	100	3
<b>ELTA</b>	12	10	83.33	2	10	9	90.00	1	12	12	100.00	7	25	22	84	10
<b>ENGA</b>	35	34	97.14	1	51	48	94.12	5	55	53	96.36	8	56	53	94.6	0
<b>FNTA</b>	29	28	96.55	16	33	33	100.00	15	21	20	95.24	18	30	30	100	21
<b>GEOA</b>	36	36	100.00	0	28	28	100.00	0	35	35	100.00	5	35	34	97	0
<b>HINA</b>	30	27	90.00	1	31	28	90.32	0	34	34	100.00	1	33	32	96	2
<b>HISA</b>	35	35	100.00	0	55	54	98.18	0	55	55	100.00	0	56	52	94	0
<b>JORA</b>	37	35	94.59	7	43	39	90.70	12	32	31	96.88	7	38	38	100	0
<b>MCBA</b>	22	22	100.00	11	23	22	95.65	17	24	24	100.00	19	26	26	100	3
<b>MTMA</b>	35	34	97.14	10	32	31	96.88	13	12	10	83.33	7	42	35	83	10
<b>PHIA</b>	24	22	91.67	2	38	33	86.84	0	29	29	100.00	5	36	29	80.6	3
<b>PHSA</b>	28	22	78.57	12	28	28	100.00	9	22	21	95.45	14	16	16	100	5
<b>PLSA</b>	35	35	100.00	0	51	49	96.08	0	45	43	95.56	0	32	30	93.8	0
<b>PSYA</b>	22	20	90.91	2	23	21	91.30	3	28	28	100.00	7	15	15	100	1
<b>SOCA</b>	33	28	84.85	1	49	46	93.88	0	29	27	93.10	2	24	21	87.5	0
<b>SOMA</b>	97	90	92.78	15	119	112	94.12	28	117	115	98.29	36	98	98	100	3
<b>ZOOA</b>	16	14	87.50	6	25	25	100.00	16	-	-	-	-	-	-	-	0
<b>BBA</b>					08	08	100	02	15	15	100	09	-	-	-	-
<b>Total</b>	<b>844</b>	<b>794</b>	<b>94.08</b>	<b>162</b>	<b>978</b>	<b>932</b>	<b>95.30</b>	<b>240</b>	<b>873</b>	<b>856</b>	<b>98.05</b>	<b>246</b>	<b>883</b>	<b>838</b>	<b>94.9</b>	<b>126</b>
<b>GEN. (B.A.)</b>	288	267	92.70	01	298	211	79.2	-	300	257	87	-	356	311	84.75	-
<b>GEN. (B.Com.)</b>	186	178	95.96	01	132	101	76.5	-	138	120	87	-	92	80	81.36	-
<b>GEN. (B.Sc.)</b>	47	47	100	-	36	33	91.67	03	22	21	95.5	-	51	48	94.74	-



**Table 5.2.2a List of Rank Holders:**

Subject	2012-13		2011-12		2010-11		2009-10	
	Rank	Name	Rank	Name	Rank	Name	Rank	Name
<b>Chemistry</b>			8	Piyali Roy	07	Atashi Mitra		
					10	Chanda Paul		
<b>Computer Sc.</b>	2	Pallavi Roy	<b>01</b>	<b>Sonali Mukherjee</b>	<b>01</b>	<b>Ranjit Ghosh</b>	<b>01</b>	<b>Md. Ekramul Hossain</b>
	8	Kritanta Saha	3	Moumita Datta	02	Anusua Brahmachary		
	10	Jui Ghosh	6	Unmesh Mandal	03	Moumita Saha		
			7	Ginnia Biswas	05	Swastika Bhattacharya		
			9	Debjit Banerjee	08	Eshita Podder		
			10	Santanu Das	09	Durjoy Sen Maitra		
					10	Bidisha Majumder		
<b>Economics</b>	<b>1</b>	<b>Camellia Sadhukhan</b>	<b>1</b>	<b>Arunima Sikdar</b>	<b>01</b>	<b>Swati Roy</b>		
	2	Shilpa Biswas	2	Abhishek Hore	02	Mahasweta Sau		
	3	Sanchari Basu	4	Mahasweta Sarkar	03	Sagarika Choudhury		
	5	Angana Nath	6	Anjishnu Nandini Maitra	04	Srinwita Dutta		
	8	Avisek Barai	7	Tania Das	05	Suchetana Mukhopadhyay		
			10	Atib Karmakar	07	Ankit Kumar Barnwal		
					08	Avik Saha		
					09	Pawandeep Kaur		
<b>Electronics Science</b>	2	Sreeja Das	2	Monali Sil	<b>01</b>	<b>Rajashree Misra</b>	<b>01</b>	<b>Sujata Ghosh</b>
	3	Soumya Kanti Ghosh	7	Madhurima Sarkhel	02	Prarthana Chakraborty	08	Abhishek Das
	4	Sourav Bagchi			05	Shreya Ghosh	09	Anushree Ganguly
	7	Dipanjan Das			08	Amalesh Kanti Hait		
	9	Shashi Kumar Shaw			09	Jayanti Paul		
	10	Soumi Kundu						
<b>Food &amp; Nutrition</b>	<b>1</b>	<b>Jayashree Dutta</b>	2	Monalisa Debnath	<b>01</b>	<b>Juthi Saha</b>		
	2	Madhurima Roy	3	Sanghamitra Sarkar	02	Ayana Das		
	3	Pallabi Bagchi	5	Trisha Sarkar	03	Pratyush Ray		
	9	Swarashree Ganguly	8	Abhipsa Chakraborty	04	Sruti Chakraborty		
			9	Sukanya Neogi	05	Debasmita Das		
			10	Sudipta Chakraborty	06	Megha Sadhukhan		
					07	Shayani Halder		
					08	Debolina Roy		
<b>Microbiology</b>	<b>1</b>	<b>Sonali Das</b>	2	Sutapa Som Chaudhury	<b>01</b>	<b>Piyali Ghosh</b>	09	Rohit Kumar
	2	Debjyoti Bhakat			04	Sharmistha Banerjee		
	4	Ayanika Paul			05	Samya Sen		
	9	Navoneel Bhattacharyya			07	Poulami Tapaswi		
	11	Pooja Shree Pandit			09	Ujjal Bhaumik		



<b>Mathematics</b>			5	Suranjana Deb	04	Debapi Banerjee	06	Priti Sharma
			6	Pameli Saha	09	Tanmay Kundu	09	Tanmoy Chakraborty
<b>Physics</b>	4	Partha Sarathi Dey	2	Ayan Bhattacharjee			06	Sayantika Bhowal
	9	Joy Chakraborty	6	Anuvab Banerjee				
<b>Psychology</b>	<b>1</b>	<b>Rupam Banerjee</b>	<b>1</b>	<b>Anirban Gupta</b>	<b>01</b>	<b>Samata Saha</b>	10	Anubhab Maitra
	2	Sarmistha Chakraborty	2	Koushik Paul	02	Madhuleena Roychowdhury		
	3	Sayoni Dutta	3	Deblina Bhowmick	03	Navnita Bose		
	4	Ishita Saha	4	Senjuti Bandyopadhyay	04	Srija Banerjee		
	6	Moumita Majumder	5	Sreya Dutta	05	Aparupa Bhattacharya		
	8	Piyali Nag	8	Tumpa Das	06	Chirasree Dutta		
	9	Proma Bandyopadhyay	9	Olivia Dutta	07	Soumita Biswas		
	10	Anushree Das	10	Sumedha Singha Roy	08	Binati Mondal		
					09	Sanjukta Bhattacharjee		
					10	Saheli Roy		
<b>Zoology</b>	6	Paramita Kundu	4	Priya Rai				
	9	Abhisek Sarkar	5	Moumita Mitra				
	16	Paramita Kundu	10	Rajashree Ghosh				
	19	Abhisek Sarkar						
<b>Finance &amp; Accounts</b>	<b>1</b>	<b>Sk Imran Babu</b>	6	Suraj Kumar Yadav	<b>01</b>	<b>Archanita Banerjee</b>		
	5	Mrinmoy Kundu	7	Barnali Mukherjee	02	Sudip Mandal		
	8	Poulami Majumder	8	Suman Kumar Barman	03	Satabdi Dey		
	10	Surajit Dey	10	Debajit Dey	04	Leeza Kar		
					05	Vinita Agarwal		
					06	Sarthak Rupak Basu		
					07	Asif Alam Ansari		
					10	Koyel Chakraborty		
<b>Marketing</b>	<b>1</b>	<b>Juli Saini</b>	<b>1</b>	<b>Prity Das</b>	<b>01</b>	<b>Amit Chakraborty</b>	07	Sappati Jagadeesh
	2	Shivani Jha	2	Subhangi Singh	02	Mousumi Muduli		
	3	Agnik Paul	3	Anindita Chakraborty	03	Sangam Mukherjee		
	5	Payal Bhowmick	4	Supriya Bhattacharjee	04	Manoj Ghosh		
	6	Sangeeta Kumari Yadav	5	Nisha Shaw	05	Lenashree Dutta		
	7	Archana Kumari	6	Subham Roy Chowdhury	06	Vibhuti Srivastava		
	8	Barsha Tamang	7	Antara Banerjee	08	Sayantane Sengupta		
	9	Papri Mandal	8	Piyali Bhowal	09	Sony Kumari		
			9	Arijit Biswas	10	Avishek Sengupta		
			10	Surashree Sarkar				
<b>BENGALI</b>					07	Debjani Koley		
					08	Debi Gupta		
<b>Education</b>			<b>1</b>	<b>Puja Saha</b>	07	Ishita Ganguly		
			2	Riya Sarkar				
			5	Shubhankar Bhattacharjee				



			8	Kamalesh Karan				
			10	Rimpa Saha				
<b>English</b>	3	Pritha Chakraborty	3	Riya Dutta	04	Sudipta Saha		
			4	Chandrima Mukherjee	06	Monikinkini Basu		
			5	M Reshmi Irani	10	Debarpita Bhattacharya		
			9	Anirban Chakraborty				
			10	Pankaj Bhowmick				
<b>Hindi</b>	5	Sukriti Das	3	Shaily Gupta	02	Namita Rajak	06	Anupa Singh
			4	Smriti Priya Singh	03	Shilpa Roy		
			7	Reshami Kumari Rajak	04	Rumana Parveen		
			9	Nilam Shaw	06	Amrita Kumari Sinha		
					07	Arti Kumari Singh		
<b>History</b>					08	Niraj Jaiswal		
	2	Souvik Debnath	5	Koushik Chanda	02	Sudip Paul		
	9	Saheli Roy	6	Indrajit Ganguly	04	Susmita Biswas		
					06	Moumita Sil		
					09	Madhumita Dutta		
<b>Jornalism &amp; Mass Communication</b>					10	Priyanka Das		
			2	Sangita Paul	06	Pranita Mukherjee		
			4	Ishita Chakraborty	09	Sangita Mitra		
			5	Shayani Sen	10	Nibedita Dey		
			7	Rittika Chaudhuri				
<b>Philosophy</b>			8	Utsa Ghosh				
	5	Sreosree Bhattacharya			04	Rakhi Sur		
	10	Soma Ghosh			05	Tanima Dhar		
<b>Political Science</b>					06	Nupur Sen		
	2	Tithi Dey	1	<b>Mou Ghosal</b>	08	Swagata Chakraborty		
	3	Madhurima Bhattacharjee	2	Ishani Biswas	09	Moumita Saha		
	5	Monoswita Shaw						
<b>Sociology</b>	9	Gyanesh Chakraborty						
	2	Riya Sanyal	6	Tanusree Ghosh	03	Pritha Sarkar		
	4	Dipannita Bhattacharya	9	Sarada Ghosh	07	Saheli Bhattacharya		
	5	Ritama Roy Chowdhury	10	Sukla Basu				
	6	Shampa Mondal						
	7	Kuheli Banerjee						
	8	Ashrita Chakraborty						
	9	Anu Agarwal						
10	Sangbrita Kundu							





### 5.2.3 Institution facilitates student progression to higher level of education and/or towards employment.

◆ **The Tutor Ward system** is an efficient system that monitors student progression. Each teacher in the department is allotted a group of students as wards. The tutor and ward meet informally and the students share their academic struggles and areas of concerns with their tutors (teachers). The tutors deal constructively with the emotional and academic problems of their wards. They also guide the students in making the right choices regarding the future programme. The tutors recommend the deserving students for different scholarships to the HOD of the concerned department.

◆ Every department organises a **Parent-Teacher meet** once a year formally, to evolve a rapport with the parents and to keep them informed of the academic progression of their wards. Parents can also meet the faculty members after class hours to enquire about their wards.

◆ **Remedial classes and peer learning** help the slow learners cope with their studies.

The institution facilitates student progression to higher level of education/employment in the following ways:

◆ Personal counselling, mentoring and tutorial system instilling confidence and achievement drive in each and every student

◆ Regular conduct of internal exams, preparation of progress reports, open house programmes with parents etc., instilling an achievement drive in students

◆ Campus atmosphere of study, research, interaction with eminent persons, exposure to various programmes – Guidance for Admission different Central Universities and Institutes like TIFR, Ramanujan Institute, ISI, IITs, IISC, Bose Institute, IACS to., encourage student progression

◆ Guidance sessions through career orientation classes given to the graduate and undergraduate students

◆ Guidance in selecting organizations for student internship eventually leading to placement

◆ Coaching/ special training provided for writing examinations such as UGC/CSIR/NET/JRF and Entrance level examinations for the posts of clerk/officer in Nationalized /Scheduled Banks, tests conducted by Public Service Commission, Staff Selection Commission, School Service Commission

The post graduates directed to various jobs including teaching posts in various HEIs and Higher Secondary Schools, industries, NGOs etc.

UGC funds to the tune of Rs.28,95,000 being utilized for student support programmes- Details given below:

**Table 5.2.3 UGC Funding Utilized for Student Support Programmes (in Rs.)**

UGC Funding Schemes	Amount Received
Colleges with relatively higher proportion of SC/ST and Minorities	240000
Equal Opportunity Centre in Colleges	225000
Remedial Coaching for SC, ST, OBC (non-creamy layer) and Minorities	860000
Coaching for NET for SC, ST, OBC (non-creamy layer)	570000
Coaching classes for entry in services for SC, ST, OBC	760000
Career and Counselling Cell	240000
<b>Total</b>	<b>2895000</b>



### 5.2.4 Enumeration of the special support provided to students who are at risk of failure and drop out.

The decline in the regular attendance of the students reveals the possibility for drop out. The class teachers and mentors take special note of students who are not regular in the class. These students are specifically attended to in the following ways.

- ✱ The data relating to the students at risk of drop out are analyzed specially by the concerned HOD/ faculty/ mentor at the appropriate time at the departmental meeting and he/she is mentally and materially reoriented to continue on the rolls of the college.
- ✱ Faculty members interact with family members in the parent teacher meeting, help them in different ways and provide them facilities for improvement.
- ✱ Financially weak students are given help from the Students' Aid Fund, Teachers' Council, Alumnae Fund and other appropriate scholarship sources.
- ✱ They are provided 5 (Five) books from the central library in addition to facilities to departmental library.
- ✱ The students who happen to discontinue due to marriage / financial weakness of the family to meet the head of the dept. & head of the institution with the parents are encouraged to join the next session and continue the study.

### 5.3 Student Participation and Activities

#### 5.3.1 List of range of sports, games, cultural and other extra curricular activities available to students. Provide details of participation and program calendar.

The Institution has taken keen interest in identifying and promoting students talented in sports activities. It has produced 63 university blues during the last four years. The college has excellent infrastructure facilities which consist of **two Indoor rooms** for games like table tennis, carom, chess, **two 16 stationed multi gym** in both building. In particular the college provides **food free of cost** for 60 sports students, which amounts to Rs **One Lakh** per year approximately. The coaches with national exposure are expert in the field of football, cricket, gymnastics, and athletics. This expertise has been beneficial to the students and is reflected in their achievements.

**Additional Academic Support and Flexibility in Exams:** In every class facilities for additional academic support is arranged by the faculty members for sports students. On special request to college, flexibility is allowed in writing exam as well.

**Sports Uniform, Shoes and other international standard Materials (as guided by the UGC)** are provided free of cost by the college.

**Sports Day** conducted every year is an occasion to instill sportsman spirit in all students and to appreciate the talents of sports students.

**Outdoor ground with football court and concrete cricket pitch** promotes the athletic talents of students.

**Table 5.3.1 National Meet List of University Blue 2009-10 to 2012-13**

Sl. No.	2012-13		2011-12		2010-11		2009-10	
	Name	Event	Name	Event	Name	Event	Name	Event
1.	Mukesh Choudhury	Cricket	Manas Jana	Kabaddi	Amit Das	Athletic (Guntue)	Koushik Mukherjee	Khokho (Male)
2.	Ajit Kumar Chowdhury	Cricket	Tannoy Pramanick	Kabaddi	Samrat Das	Athletic (A.P.)	Rahul Prasad	Chess
3.	Ranjan Saha	Cricket	Aparna Sarkar	Khabadi	Subjet Biswas	Khabadi	Suvranil Banerjee	Chess
4.	Suvashis Chakraborty	Cricket	Ranjan Saha	Cricket	Manoj Jana	Khabadi	Hema Pandey	Football (Women)
5.	Md. Anam	Cricket	Suvashis Chakraborty	Cricket	Tanmoy Pramanick	Khabadi	Asim Pradhan	Cricket
6.	Bikash Chowdhury	Cricket	Subrata Ghosh Dastidar	Cricket	Priyanshu	Football (Ranchi)	Avijit Ghosh	Cricket
7.	Sanu Das	Cricket	Mukesh Choudhury	Cricket	Sarat Dey	Football	Koushik Mukherjee	Khokho (Male)
8.	Milan Debnath	Swimming (Men)	Ajit Kumar Chowdhury	Cricket	Sanjoy Oram	Football	Riju Barua	Cricket
9.	Chitra Debnath	Kabaddi (Women)	Rinki Shil	Athletics	Arindam Talapatra	Cricket (Bolepore)	Chayanika Sarkar	Khokho (Female)
10.	Rinku Orwon	Kabaddi (Women)	Md. Asif Ansari	Chess	Paban Kr. Shaw	Cricket	Hema Pandey	Khokho (Female)
11.	Avijit Kar	Football (Men)	Paban Kumar Mahaato	Chess	Subrata Ghosh Dastidar	Cricket	Sonalika Sarkar	Khokho (Female)
12.	Ramesh Orwan	Football (Men)	Abhi Chakraborty	Swimming	Barun Kr. Roy	Coach	Sanjoy Sarkar	Cricket
13.	Sourav Barua	Football (Men)	Milan Debnath	Swimming	Tanmoy Das	Gymnastic (Patiyala)	Abhi Chakraborty	Swimming
14.	Rakesh Hela	Football (Men)	Silpa Roy Chowdhury	Gymnastics	Ishal Das (Women)	Gymnastic	Subhajit Biswas	Kabadi (Male)
15.	Rajon Barman	Football (Men)	Ishali Das	Gymnastics	Shilpa Roy Chowdhury	Gymnastic	Md. Imran	Kabadi (Male)
16.	Bivash Sarkar	Football (Men)	Sugandha Nalwade	Judo	Anup Chatterjee	Coach	Sk. Mirajuddin	Kabadi (Male)



17.	Prayashu Halder	Football (Men)			Milan Debnath	Swimming	Sudip Roy	Cricket (Male)
18.	Subhajati Goswami	Football (Men)			Abhi chakraborty	Swimming	Arindam Talapatra	Cricket (Male)
19.	Rinki Sil	Athletic					Asim Pradhan	Cricket (Male)
20.	Debjani Ghosh	Athletic					Sonalika Sarkar	Khokho (Female)
21.	Babulal Ghosh	Athletic					Chayanika Sarkar	Khokho (Female)
22.	Rahul Roy	Athletic					Tanmoy Das	Gymnastic
23.	Manash Jana	Kabaddi (Men)						
24.	Sujit Patra	Kabaddi (Men)						
25.	Tanmoy Paramanick	Kabaddi (Men)						



**Table 5.3.1 a STATE MEET INTER NON-GOVERNMENT COLLEGE DISTRICT ATHLETIC MEET  
Organized and Funded By DPI, Govt. of West Bengal**

Sl. No.	2012-13			2011-12			2010-11			2009-10		
	Name	Events	Position	Name	Events	Position	Name	Events	Position	Name	Events	Position
1.	Rahul Roy	100 mt. Run	1st,	Rinki Shil	100 Mts. Run	1st	SAMRAT DAS	100 Mts. Run	3rd	Ashim Das	100 Mts. Run	2nd
2.	Rahul Roy	200 mt. Run	1st	Rinki Shil	200 Mts. Run	1st	SAMRAT DAS	200 Mts. Run	2nd	Ashim Das	200 Mts. Run	2nd
3.	Tohid Ali Dafader	100 mt. Run	2nd	Rinki Shil	LONG JUMP	1st	SAMRAT DAS	400 Mts. Run	1st	Ashim Das	Javelin Throw	2nd
4.	Babulal Ghosh	High Jump	1st	Sagar Pal	DISCUS THROW	1st	AMIT DAS	800 Mts. Run	1st	Prosenjit Ghosh	800 Mts. Run	1st
5.	Babulal Ghosh	Long Jump	2nd	Arpita pal	SHORT PUT	3rd	AMIT DAS	1500 Mts. Run	1st	Amit Das		2nd
6.	Suddam Hossian	Long Jump	1st	Subhankar Saha	SHORT PUT	1st	MD. IMRAN	LONG JUMP	1st	Prosenjit Ghosh	1500 Mts.	1st
7.	Sagar Pal	Javlin Through	1st				SUBHANKAR SAHA	SHORT PUT	2nd	Amit Das		2nd
8.	Sagar Pal	Discuss	3rd				SAMRAT DAS ,	RELAY	2nd	Dibyendu Halder	SHOERT PUT	3rd
9.	Sagar Pal	Short Put	3rd				CHINMOYEE BERA	HIGH JUMP	2nd	Md. Imran	HIGH JUMP	1st
10.	Debashis Roy	400 mts Run	3rd				MD. IMRAN	RACE 4 X 100		K. Narsingh		3rd
11.	Rinki Sil	100 mt. Run	1st							Abvinash Ujwal	DISCUSS THROW	1 <sup>st</sup>
12.	Rinki Sil	200 mts. Run	3rd							Deepika Pal	200 Mts. Run	
13.	Debjani	100 mt.	2nd							Deepika	400 Mts. Run	1st



	Ghosh	Run								Pal		
14.	Debjani Ghosh	200 mts. Run	1st							Deepika Pal	800 Mts. Run	1st
15.	Debjani Ghosh	400 mts Run	2nd							Chinmoyee Bera	200 Mtr. Run	1st
16.	Arpita Pal	Short Put	2nd							High Jump	CHINMOYEE BERA	3rd
17.	Arpita Pal	Discuss through	2nd							Discuss Throw	RANJITA CHAHAR	2nd
18.	Chandana Roy	Javline Through	2nd							Javlin Throw	RANJITA CHAHAR	3rd
19.	Suprity Dey	Javline Through	3rd									2nd





**Table 5.3.1b Participation in Sports Activities (State Meet)**

Activities	2012-13	2011-12	2010-11	2009-10
	Non-Govt. & Govt. Inter College 24 Pgs. District Football Championship, 2012-13 <b>Runner up</b>	XIII Non-Govt.- Inter College 24 Parganas (North) <b>District football Championship 2011-2012.</b> <b>Winner</b>	“ <b>ELLIOT SHIELD</b> ” State Level College championship 2010-2011 - "Quarter Finalist"	" <b>ELLIOT SHIELD</b> " State Level College championship 2009-2010 Quarter finalist
	Inter College Kabaddi Championship 2012-13 of West Bengal State University. <b>Champion</b>	<b>Non-Govt. Inter District State College Football Championship-2011-2012</b> <b>Semi Final Runner</b>	<b>Best Player Award of ELLIOT SHIELD</b> " 2010-2011 - Mohendra Sing Panwar	Xth Inter Non-Government College <b>District Football Championship, 2009</b> <b>WINNER:</b>
		XII Inter College Athletic Meet Of West Bengal State University 2010-11 <b>Amit Das Joint Inter District Champion</b>	Non-Govt. Inter <b>District State College Football Championship-2010-2011</b> <b>Quarter Finalist</b>	XTH INTER NON-GOVERNMENT COLLEGE-DISTRICT ATHLETICS MEET, 2009 <b>Individual Champion For Boys' - PROSENJIT GHOSH</b> <b>Individual Champion For Girls' - DEEPIKA PAL</b>
			Inter College Cricket Tournament of West Bengal State University 2010-2011. Quarter Finalist.	

**5.3.2 Details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.**

**A. Students’ Achievements in Cultural and Extracurricular Activities**

Details of major student achievements in co-curricular, extracurricular and cultural activities at different levels - University/State/Zonal for the previous four years are given below.

- ◆ Keya Dhar (Present 3<sup>rd</sup> Year, ENGA) has been performs western music in AIR, Kolkata
- ◆ Souvik Dasgupta (Graduate in 2012, ENGA) represented KU at the XIth National Youth Parliament.
- ◆ Susmita Gupta (Graduate in 2013, ENGA) has been performing in many solo dance recitals over the years.
- ◆ Debarun Jana (Present 2<sup>nd</sup> Years, ENGA) represented the college in the Inter College Chess Championship.



- ◆ Debarun Jana (Present 2<sup>nd</sup> Year, ENGA) also publishes poetry in a number of little magazines.
- ◆ Monikinkini Basu (Graduate in 2011, ENGA) went on to represent KU at the National Youth Festival where she was a member of the award winning drama team.
- ◆ Awards received by Sonia Das (HINA BA 1<sup>st</sup> year)- won prize in state level dance competition in 2009, national level kho-kho competition in 2012.
- ◆ Students of Sociology: 2<sup>nd</sup> runner up in Table Tennis Inter-Club State Championship 2013 and 2<sup>nd</sup> in recitation organized by Golden Club, Belegghata, Kolkata in 2013(1), 2<sup>nd</sup> in Kanchrapara (2 Air SQN NCC) and 5<sup>th</sup> in Khiddirpore (2 Independence NCC) and 4<sup>th</sup> in Saltlake Stadium(31B BN NCC) in 2013(1)
- ◆ Four students of the Department of Economics undertook Summer Internship projects conducted by State Bank of India, Kolkata and worked on project 'Unexplored Areas of Agricultural Financing'
- ◆ PHSA Student awarded JBNSTS Fellowship, Manali Roy (2011)
- ◆ Parnava Banerjee (B.A. 2009) awarded 'Golden Voice' participated in Bangla Sammelan every year from 2008;
- ◆ Anirban Chakraborty (B.A. General, 2010) noteworthy a participant of Sa Re Ga Ma Pa in 2009
- ◆ National Seminar at St. Xavier's College – MCBA Students (PG): Ashmita Das received best speaker awards in Drug delivery by nanotechnology-Poster presentation; Avik chowdhury was positioned second in Dengue –The recent epidemic in Kolkata
- ◆ CEMA Student awarded DST- Inspire Research Fellowship: Nazia Kaswar
- ◆ Navoneel Bhattacharyya (MCBM, 2013) regularly takes part in singing in Tara Music

## **B. Achievements of NSS & NCC students (Ref. Table No. 3.6.10)**

### **NSS Activities**

The College has one NSS Unit which has undertaken various community oriented programmes during the last three years. NSS Unit has conducted an HIV awareness programme with different schools of the locality successfully.

### **NSS Advisory Committee:**

Chairman – Dr. Ajoy Kr. Mukherjee, Principal

Members –

- a) Dr. Chandrasekhar Mukherjee, Department of Economics.
  - b) Smt. Indira Samajder, Department of Geography.
  - c) Sri Gunomoni Saha, Department of Chemistry.
  - d) Sri Debaprasad Sarkar, Department of Economics.
  - e) Smt. Manju Basu. M.LA, Noapara
  - f) Sri Uttam Das, Chairman – Barrackpore Municipality.
  - g) Sri Suman Bhattacharyya, WBCS, SDO's representative
- Programme Officer & Member Secretary – Sri Angshuman Chakraborty, Department of Sociology.

**Table 5.3.2 Report of NSS Activity of Barrackpore Rastraguru Surendranath College during Academic Year**

2012-13	2011-12	2010-11	2009-10
<p>1. Organised a <b>Blood Donation Camp</b> in collaboration with B.N. Bose Hospital on 21st December, 2012. Total 51 students donated blood. Most of them were first donors. Out of 51 students, 41 were male and 10 were female students. After donating blood, certificates were issued to them by the Hospital Authority.</p> <p>2. Campaign for <b>Thalassaemia Detection</b> was made by the Thalassaemia Eradication Centre and NSS volunteers of our college at Barrackpore Book Fair from 14<sup>th</sup> December, 2012 to 25<sup>th</sup> December, 2012.</p> <p>3. Observed '<b>World AIDS Day</b>' on 1<sup>st</sup> December, 2012 in both the campuses of the college to increase the awareness among the students regarding AIDS and induced them to spread the message of the AIDS awareness in their respective locality. 2000 students took part in the said programme.</p> <p>4. Organized a programme on '<b>library Rack Set-up and Cleaning</b>' from 24<sup>th</sup> September, 2012 to 13<sup>th</sup> October, 2012 at 85, Middle Road and 6, Riverside Road campuses of the college. Total 63 students volunteers actively participated in the programme.</p> <p>5. Celebrated '<b>International Peace Day</b>' on 21<sup>st</sup> September, 2012 at 6, Riverside Road campus of the College. In order to celebrate that occasion, an Essay and Poster competition was held in the relevant campus. 50 posters and 50 essays on 'International Peace Day' had been submitted by the</p>	<p>1. Organised Blood Donation Camp in collaboration with B.N. Bose Hospital, Barrackpore on 25th November, 2011 at 85, Middle Road Campus.</p> <p>2. Organised a programme of Library Cleaning for the purpose of observation of NSS Day on 24th September, 2011 and some other days at 85, Middle Road and 6, Riverside Road College Campuses.</p> <p>3. Organised an AIDS Awareness programme on 1st December, 2011 in both 85, Middle Road and 6, Riverside Road campuses of the college to increase the awareness among the students of our college and induced them to spread the message of AIDS Awareness in their locality.</p> <p>4. Campaign of Thalassaemia Detection was made by the Thalassaemia eradication Centre and NSS Volunteers of the college at different camp organise at Barrackpore.</p>	<p>1. Organised Road Safety Awareness Programme on 10th September, 2010 with the assistance of Barrackpore Police Station.</p> <p>2. Organised a programme of Library Cleaning for the purpose of observation of NSS Day on 24th September, 2010 at 85, Middle Road and 6, Riverside Road College Campuses.</p> <p>3. Organised an AIDS Awareness programme on 1st December, 2010 in both 85, Middle Road and 6, Riverside Road campuses of the college to increase the awareness among the students of our college and induced them to spread the message of AIDS Awareness in their locality.</p> <p>4. Campaign of Thalassaemia Detection was made by the Thalassaemia eradication Centre and NSS Volunteers of the college at Barrackpore Book Fair from 16th January, 2011 - 26th January, 2011.</p> <p>5. Organised Blood Donation Camp in collaboration with B.N. Bose</p>	<p>1. Blood Donation camp held in the month of Aug, 2009, no. of students participated in that camp was 75 with the help of B. N. Bose Hospital, Barrackpore.</p> <p>2. AIDS awareness programme on 1st December 2009 in both the campuses of college – 6, Riverside Road &amp; 85, Middle Road, to increase the awareness among the students of our college and induced them to announce at their locality regarding AIDS and AIDS related activities.</p> <p>3. Performed the Gardening activities in both the campuses of our college with a view to increase the awareness among the students for fighting against pollution.</p> <p>4. Conducted Health Awareness Programme for the male and female students.</p> <p>5. Conducted Thalassaemia detection programme at college</p>



<p>students. Best 3 poster and best 3 essay duly awarded by NSS unit on 2<sup>nd</sup> December, 2012.</p> <p>6. A mobile exhibition of <b>Red Ribon Express</b>, organised by National AIDS Control Organization and particularly organized by Office of the Chief Medical Officer of Health North 24 Parganas, Barasat, was held on 29<sup>th</sup> July, 2012 at Barrackpore Railway Station. 50 NSS volunteers of different department of our college had actively participated in this programme. All of them visited the exhibition and attended the training session of how to prevent this disease and what will be the protective measures.</p> <p>7. A programme on '<b>Labelling of Trees</b>' was held on 16<sup>th</sup> July, 2012 at 6, Riverside Road college campus, 07 NSS volunteers of the department of Sociology had actively participated in the programme.</p>		Hospital, Barrackpore on 18th February, 2011 where 60 student volunteers (first donor) donated blood at 6, Riverside Road College Campus.	Thalasaemia centre.
			6. Conducted different social welfare activities in near locality.



**Table 5.3.2a NATIONAL CADET COPS (NCC) COY No. 1 under 48 Bengal Bn. NCC, Barrackpore Number of cadets – 160.**

**Name of ANO - Capt. Galive Iquebal.**

The college offers NCC facilities to interested students for both **boys & girls** (girls since 2009-10). Cadets have a long tradition of different activities of NCC in the State Level as well as International Level. They made the college proud by winning medals and trophies on prestigious occasions.

**Report of NCC Activity of Barrackpore Rastraguru Surendranath College during Academic Year (Ref. Table No.3.62)**

2012-13	2011-12	2010-11
<p><b>SNIC At Punglwa (Nagaland)</b> [3<sup>rd</sup> July 2012 to 14<sup>th</sup> July 2012]</p> <p><b>Darjeeling Bagan Trek (Girls)</b> [ 24<sup>th</sup> September 2012 to 3<sup>rd</sup> October 2012 ]</p> <p><b>RCTC Girls Camp at Gwalior</b> [31<sup>th</sup> October 2012 to 11<sup>th</sup> November 2012]</p> <p><b>NER Trekking Boys</b> [10<sup>th</sup> December 2012 to 17<sup>th</sup> December 2012]</p> <p><b>Army Attachment Camp</b> at Barrackpore Assam Regiment [21<sup>th</sup> December 2012 to 4<sup>th</sup> January 2013]; 18 Cadets have attended the Camp</p> <p><b>Base Hospital Attachment Camp (Girls)</b> [14<sup>th</sup> January 2013 to 25<sup>th</sup> January 2013]</p> <p><b>NIC - I Camp at Darjeeling</b> [11<sup>th</sup> February 2013 to 22<sup>nd</sup> February 2013]</p> <p><b>Thal - Sainik Camp Girls (All India):New Delhi:</b> 2 Cadets of Our College have participated.</p> <p><b>Combined Annual Training Camp (CATC) :</b> 160 Cadets of Our College participated in CATC 2012-13</p> <p><b>Youth Exchange Programme Delegation (2012) to Bangladesh</b> 58 (SD - 41 &amp; SW-17) Candidates successfully passes 'B' Certificate Examination 22 (SD - 14 &amp; SW-08) Candidates successfully passes 'C' Certificate Examination</p>	<p><b>Governor Medal- 2012</b> Best Cadet of West Bengal and Sikkim Directed: WBSD/10/232968 - Rohit Agarwal</p> <p><b>Republic Day Camp - 2012 (Delhi)</b></p> <p><b>TSC Camp - 2012 (Delhi)</b></p> <p><b>Annual Combined Training Camp (CATC)</b></p> <p><b>Bihar Trekking Camp 2011 - 2012</b></p> <p><b>Army Attachment Camp 2011 - 2012</b></p> <p><b>NCC Cadets Appointed in different fields 2011 - 2012</b> 2 Cadets of NCC of our College have been appointed in INDIAN ARMY. 25 Cadets of NCC of our College have been recruited as GREEN POUCE by the Govt. of West Bengal in different police stations of District of North 24 Parganas.</p>	<p>3 NCC cadets of our college have been appointed in the Indian Army Barrackpore Rastra Guru Surendranath College NCC Unit in association with Titagarh Police Station maintained the traffic control system during Durga Puja and Kali Puja. NCC Cadets and College students participated in national flag hosting programme on 15<sup>th</sup> August 2010 &amp; 26<sup>th</sup> January 2011. Joined the Army Attachment Camp in 4-Assam Regiment with 29 cadets during 2010-11. Participated in 14 CATC Camp at Kanchrapara by 160 Cadets. National Integration Camp (NIC) was held in Gauhati this year. 4 cadets participated in this camp. In 2010-2011 academic session 5 Cadets participated in Trekking Camp organized at Kerala. 50 cadets participated in the 26<sup>th</sup> January Parade at Barrackpore Subdivision. Passed in 'B' Certificate Examination: 76 Cadets (2010) Passed in 'C' Certificate Examination: 57 Cadets (2010)</p>





**FUTURE PROGRAMME** Plans of Action are:

**Short Run Programme:**

- To spend time with the older people at old-age home.
- To install & maintain water purifier for supply of safe drinking water for the passengers of Barrackpore Railway Station.
- To give up company to the children of the pediatric department of B.N. Bose Hospital for boosting up the children.
- To provide gifts to orphanage people.
- To distribute garments to the slum dwellers.
- To contribute for the purchase of medicine prescribed by the doctors.

**Long Run Programme:**

- To introduce different Value Added Programme with the inhabitants of BPL Category of near by area.
- To develop Education & Health Awareness in nearby areas.
- To fight against global warming, pollution etc.
- To collaborate with Barrackpore Municipality for poverty-alleviation programme i.e. to train the poor section of the society in the preparation of Accounts, Vouchers etc.
- To fight against Thalasaemia through the Thalasaemia Detection Centre.

**5.3.3 Seeking and use of data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions.**

The institution has a very detailed and well-planned mechanism to seek feedback from students on almost every aspect of the institution. The objective is to use the feedback for improvement and development of the college. The final year students are requested to give their feedback in a fair and free manner. They are asked to rate the most important aspects of the college which begins from location, curriculum aspect, teaching learning, library, examination, canteen & other services of the college. The respective departments go through the feedback and analyse the findings which are then discussed threadbare in departmental meetings. Suggestions, advice and recommendations are noted down with a view to implementing them in whatever way possible.

The feedback is taken from the graduate students mainly on curricular and other aspect of the college and it is taken every year on the day of Re-Union First Sunday in the month of December, organised by the Alumni Association.

**5.3.4 Involvement and encouragement of students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.**

The faculty members take the responsibility to in still the idea of publication among the students of the college. The students are encouraged and motivated to write articles on different aspects or publication in the college Annual Magazine, Wall Magazine, Peer Reviewed Journal. For College Annual Magazine there is a Magazine Committee with a convenor. The Head of the Department and Faculty members are responsible for the publication of wall magazine. The Peer Reviewed Journal of the department of Commerce “Journal of Business & Economic Issues” is published by the editorial board of the journal. Writing in magazines and journals helps them to tap their creative potentialities.

The Journalism Department brings out its own journal, ‘Batayan’, which is a collaborative outcome of the faculty members and the students. Various



departments organise national and international seminars. The concerned department publishes journals with the post seminar papers.

### 5.3.5 Selection, constitution, activities and funding of Student Council or any similar body.

The institution has a very active Students' Union which is formed every year after a full fledged election process. An Election Commission comprising of five faculty members is constituted to oversee the election process. Election takes place at two levels; firstly, general students elect their class representatives. At the second stage, the elected class representatives elect the office bearers and members of the Executive Committee. The term of office of the Students' Union is one year. The office bearers of the Students' Union are the President, the Vice-President, General Secretary, Asst. Secretary, and Treasurer and they are assisted in their work by several committees like the Cultural, Games, Magazine, Common-room, Canteen, Library, and Welfare committees. The major activities of the Students' Union include:

- ◆ Organizing cultural activities like Annual Social, 'Nabin Baran' (freshers' welcome), Saraswati Puja etc.
- ◆ Celebration of International Mother Language Day 'Ekushe', 'Hindi Diwas', 'Teachers' Day' - 5<sup>th</sup> September.
- ◆ Organizing Annual sports and games, Inter Class Football & Cricket Competition.
- ◆ Organizing Annual Cultural Competition, 'Sagnik'.
- ◆ Assistance in decision making for granting freeship and half-freeship to general students.
- ◆ Help in the distribution of the Students' Medical Aid and Means Fund, Medical Insurance and other Student Welfare programme.
- ◆ Participatory role in policy- making and assistance in Admission process of the students.
- ◆ Participatory role in policy making in Library management, Canteen management etc.
- ◆ Participation in College Magazine publication, Wall Magazine publication.
- ◆ Giving donations for different developmental activities of the college like purchase of library books, fans, sports goods etc.
- ◆ Interaction with the College Authorities on the general problems of the students.

Funding is provided mainly by subscription of general students, collected every year at the time of admission. The fund is maintained in a bank account operated jointly by Principal and General Secretary of the Students' Union.

### 5.3.6 Details of various academic and administrative bodies that have student representatives on them.

Some of the academic and administrative bodies where student representatives are included:

1. **Governing Body** –: Highest policymaking body of the institution.
2. **IQAC** – highest body entrusted with the responsibility of ensuring quality sustenance, development planning and ICT based teaching learning.
3. **Academic Sub-Committee** – All academic related matters including schedule of examination, result etc. are discussed and decided.
4. **Admission Committee** – Admission rules, procedure of admission, publication of merit list are some of the issues which are discussed and resolved in this committee.
5. **Magazine Committee** – responsible for collecting write ups from the students and publication of the magazine.
6. **Students' Aid Fund** – the committee scrutinises the individual application of students and decide to grant freeship and half-freeship according to the merit and needs of a particular student.
7. **Games & Sports Committee** – oversees coaching activities in the field of football, cricket, athletics and organises annual sports meet.



8. **Grievance Redressal Cell** – the cell takes into consideration whenever any grievance comes to its notice in the form of petition made by students, staff, guardian and teachers and endeavours to resolve the same.

9. **Sexual Harassment Redressal Cell** - One girl students from Students' Union working as members

10. **Women development cell**: – Two girls students are working as the member of the committee.

11. **Building Sub-Committee** :- General Secretary, Students' Union, is one of the members of the committee that looks after physical infrastructure, maintenance and its expansion in proportion to students.

In every committee, students' representatives always extend their cooperation and this is noted with great satisfaction that ours is a college free from any sort of students' agitation. The college had not witnessed a single agitation during last five years.

### 5.3.7 Networking and collaboration of the institution with the Alumni and former faculty of the Institution.

The institution has Registered Alumni Association – “Praktanika” (Regn No: S/1L/51372 session 2007-2008) The college has provided infrastructural facilities to the association. The association meets in a regular interval (on average – 5 Meeting are held in a year). The Alumni Association organizes a “Re-Union” on 1st Sunday in the month of December every year. The Alumni invites the alumni and the former faculty members in assistance with the institution. Cultural Programmes, Felicitation to the Rank Holders and First Class holders of UG and PG students, are held in collaboration with the institutions.

Scholarships and awards to the meritorious and financially weaker students are given by the Alumni Association in the same programme.

The institution appeals to all the retired faculty members to take remedial and regular classes as Guest Faculty.

**Any other relevant information regarding Student Support and Progression which the college would like to include.**

#### **Other Provisions / Schemes available at College**

- **The Debate club** brings out the talents of the students and enables them to develop their creative and organising skills through Intradepartmental, Inter-Departmental and Inter- Collegiate programs.
- **Exhibitions** are conducted by different departments which provide a platform for the students to effectively share and communicate their innovative ideas to others.
- The availability of a **counsellor** at the college Psychology Department provides the needed emotional support and therapeutic help for those in distress.
- **Awareness programmes** organised by the Department of social Sciences on the occasion of World AIDS day to sensitize the students on Mental Health issues.
- The **General Library** has a special section which houses a rich variety of books on **personality** development and Leadership.
- Governing Body of the college has developed a Women development cell for the support of the girls' students and women of the society. Only women members of the college are the members of this cell. The cell is making arrangement for counselling of girls students required special support mentally and psychologically. The Women development cell has extended their activity in and outside the college. The cell is participating in the awareness programme of the women of ward no.17 of Barrackpore Municipality.
- The Career Development Cell pays special attention to the opportunities where girl students maybe employed.
- Health related problems of the female students are counselled annually and attended by the members of the Health Committee (mainly female teachers).



## CRITERION VI

### Governance, Leadership & Management

#### 6.1 Institutional Vision and Leadership

It is understood that the objective of higher education in any country is nation building and it ushers in new dimensions in economic development with social well being & social justice. So this college as a higher education institution has set its vision and mission to ensure highest quality in education. The main thrust of our vision and mission statements are on enhancement and sustenance of quality in education with a goal to achieve excellence in all spheres, so that it becomes a centre of excellence at the National and International level in due course of time.

##### 6.1.1 Vision and Mission of the College

**Vision:** To make the college a centre of excellence and an institution of national acclaim.

**Mission:**

- ◆ To ensure and sustain Quality in education
- ◆ To provide value based and value added education with a view to instilling self-confidence among the students
- ◆ To inject energy and vigour among our youth and help them to learn, grow and evolve so that their dreams come true
- ◆ To make our students socially committed and adaptable to global changes

#### **DISTINCTIVE CHARACTERISTICS OF THE INSTITUTION:**

The mission statement defines the institution's distinctive characteristics in terms of addressing the needs of society, the students it seeks to serve, institution's traditions and value orientations and vision for future. The Institution has identified its' objective to achieve the Vision and Mission:

**Objectives:**

- Advancement of learning accompanied by modern teaching aids.
- Provision of need based higher education to cope up with the changing requirements of the society.
- Attainment of excellence through academics.

#### **ADDRESSING THE NEEDS OF THE SOCIETY:**

The main thrust of our vision and mission statements is on enhancement and sustenance of quality in education with a goal to achieve excellence in all spheres so that it becomes a centre of excellence at the national level in due course of time. One of the main objectives of higher education policies of our nation is to increase access to higher education. It is estimated that only 8-9% percent of our youth in the age group of 18-24 years can get the opportunity of higher education up to Xth plan period, whereas in any country of medium development 20% of their youth of the same age group can have the opportunity of higher education and in the developed countries this figure is above 50%. There is a positive correlation between the percentage of population engaged in higher education and economic development. **Our National policy framers had an intention to raise this Gross Enrolment Ratio (GER) up to 25% without sacrificing quality and the target was to attain 15% during XIth Plan period.** So we have emphasised on the same. In our institution 4,673 students were getting quality education in different programmes during 2008-09 session and it has enhanced to 5222 in 2013-14 session with a rise of 12.5% in five years. These students can engage themselves in national development through their services in the society.

#### **ADDRESSING THE NEEDS OF THE STUDENTS:**

The student profile of our college will show that they are coming from different economic backgrounds. (Ref. Criterion 5.1.3). It is highly notable that **the intake of female candidates in different programmes is increasing day by day (Ref. Criterion 5.1.4).**

Two of our mission statements are-



- To ensure and sustain Quality in education.
  - To make our students socially committed and adaptable to global changes.
- To address the need of the students, we have emphasized on the following aspects:-
1. Providing quality faculty members along with quality supporting staffs to ensure quality education to the students
  2. Introducing **technology enabled teaching and learning** to our highest extent.  
**Campus wide access to knowledge and resources through WI-FI**
  3. Providing Student Centric Education and research oriented environment
  4. Modern facilities in terms of provision of equipment, instruments, reagents, chemicals,
  5. Fully computerised library and sufficient Library books, NPTEL resources, Virtual and digital classrooms with smart boards, national and international journals with the facility of e- journals from INFLIBNET N-list. It maintains its **ranking amongst the best ten** colleges in the country as NLIST user
  6. Introduced new courses at both the UG and PG levels
  7. The upgraded curriculum as per the requirement of the industry, research institutes and job markets.
  8. Fully computerised Accounts and office works
  9. **'Earn and learn'** campaign which gained momentum amongst the students to promote financial inclusiveness.
  10. Providing **computer training programme at nominal rates** in collaboration with Institute of Computer Engineers, a DOEACC (presently NIELIT) accredited institution to those students who were computer illiterate even after the school education.

To make the students socially committed and adaptable to global changes, the institution during the last four years made arrangements for setting up classes for communication and soft skill development, arranging on campus training and certification programme in IT services for 80 hours duration in collaboration with Tata Consultancy Services (TCS) and imparting other value added courses in order to make the students globally competent and socially committed.

#### **INSTITUTION'S TRADITIONS AND VALUE ORIENTATIONS:**

Guided by the goals and objectives, the founder members had established this college in 1953 at Intermediate Level for girls with the affiliation of the University of Calcutta. Subsequently, feeling the needs of the society, the college was upgraded to degree level with the provision for co- education. Due to partition of Bengal and influx of families from East Bengal, the management body extended the degree course in the evening shift with the permission from University of Calcutta in order to satisfy the demands for higher education of the local youth and to help them to be better placed in different jobs. The college in this way has acted not only as a seat of higher learning but also has tried to introduce different academic programmes consistent with the institution's goals and objectives.

College provides service without any bias to the students admitted. These students come from urban, semi urban and rural backgrounds; from private schools and corporation schools; from schools with English, Bengali or Hindi as the medium of instruction; from well-educated and not-so-educated families. At present, nearly 2.5% of the admitted students are first generation learners, most of them are from poor industrial labour families. The residential facilities provided at College Hostel shows no discrimination with regard to caste, creed, and community or socio economic background. Admissions for boarders are given on a first come first serve basis taking into consideration the distance of their home address from the institution.

**The college provides value based holistic instruction.** From the very inception of the college, the founders were determined to add the value orientation in the very fabric of the institution. The institution stands for imparting education that is **functionally useful, socially relevant and morally uplifting** to meet the challenging demands of the present society.



Students, teachers and non-teaching staffs are motivated to maintain disciplines in all spheres- administrative, academic and financial.

The Internal Quality Assurance Cell (IQAC) in our college is also working to guide the institution in the right direction.

#### **VISIONS FOR THE FUTURE:**

The present world is experiencing a sea-change in the field of Knowledge through Education and generation of Employment. The college has always tried to keep in pace with the dynamic scenario and has taken every step to ensure the imparting of latest version of education to its students. This shall be ensured by the introduction of **more PG Courses & Ph.D. courses in emerging subjects**, extensive **use of ICT**, motivation towards project and research centric learning, special focus on **Career & job** – oriented trainings, up-gradations in the curriculum, Student centric education, **promotion of research**, consultancy up to the permissible range and **extension of infrastructural facilities and learning resources**, facilitating **student support services**, **extending the role of governance and leadership** in discharging the different activities to its stakeholders and inculcating innovative practices. Thus, all the activities in a nutshell are directed **towards global competence to achieve excellence-ensuring quality in education.**

#### **6.1.2. Role of Top Management, Principal and Faculty in Design and Implementation of its Quality Policy:**

Our college, as a Govt. aided institution runs under the guidance of the 1st statute of the University of Calcutta approved by West Bengal State Legislation Act, 1979. Presently, it is affiliated to West Bengal State University, the newly formed University, as per the State Assembly resolution 2008. The statute of the newly developed university is now in the process of structuring by the appropriate authority and hence it is currently guided by the statute of the previous affiliating University.

**The Top management** in Govt.-aided College structure **refers to the Governing Body** which is constituted with President, an elected person interested in Education, Principal as Ex-office Secretary, Two university Nominees, Two Govt. Nominees, four elected members from Teaching constituency, two elected members from non teaching constituency, one elected member from Student constituency and one representative of local self Government. Governing Body in its meetings resolves different proposals, programme and activities. Principal as Ex-office Secretary takes the leadership to ensure implementation of those activities.

With a view to effective planning and implementation of policies The Governing Body as the Top Management is responsible for ensuring the following:

- That review is made of the results of the college and the university examinations and measures are adopted for academic improvement and maintenance of academic standards.
- That posts are created and appointments are made of the Principal and teachers and other staff in accordance with the provision of any law for the efficient and effective operation of the college and maintaining good teacher student ratio.
- That the number and qualifications and the method of recruiting the teachers and the conditions of their service are in accordance with the provisions of any law or any rules or orders for the time being in force.
- That the laboratory and other infrastructural facilities available are adequate for instructional programme.
- That the building in which the college is located is suitable for the purposes for which they are intended and are maintained at a satisfactory state of repair and sanitation.
- That the library is properly equipped.



- That the financial resources of the college are sufficient to ensure the efficient and effective operation of the college.
- That all information, returns, reports and other materials required by the State Govt. or The University are promptly collected and made available.
- That all books, registers, records and accounts required to be maintained are kept up-to date.
- That due provision is made for the well being of students, management of their hostels and messes, health, recreation and sports.
- That students discipline is properly maintained.
- That proper assistance and facilities are given to the Inspector of Colleges and other persons sent for the purpose of Inspection and Report.
- That the directions issued by the University from time to time are complied with and are reported speedily to the University.
- Financial Planning, Preparation of Budget, regular supervision of the financial management.
- That all properties and funds of the college are properly controlled and administered.
- That Meeting is carried out at regular time interval with IQAC, Principal, Heads of departments and the faculties at regular intervals to ensure and evaluate quality sustenance and enhancement programmes.

**For proper governance and management, meetings of the Governing Body and other Standing Subcommittees such as Finance Subcommittee, Academic Subcommittee, Admission Committee, Building Subcommittee, Library Sub Committee etc. are frequently convened by Head of the Institution and proposals and resolutions are implemented by the Head of the institution with the approval of Governing Body.**

#### **Principal:**

The Principal as the Head of the Institution and on behalf of the GB of the College defines the duties of the individual staff through terms and conditions of appointment. Communications to teaching, non-teaching staff and students about their responsibilities are made through MIS & notices, office orders & circulars and holding meetings with different Academic and Administrative bodies, meeting with office staff and thus ensure accountability for accomplishment of allotted duties. The Head of the institution believes and maintains the following:

- Management based on participation and transparency.
- Ensuring the quality of learning which forms the foundation of the kind of education the institution visualizes and imparts.
- Dissemination of information to student body, implementation of plans and collection of feedback through class representatives.
- Maintaining stakeholder relationships supportive to the above objective.
- Maintaining integrity in the institutions' academic programmes through Academic Audit;
- Periodic review of performances of the teachers and non-teaching staff for improvement through physical verification and discussions in the meetings;
- Ensuring the commitment and accountability of all teaching and non-teaching staff.
- Providing relevant, timely training for faculty and staff to enable them to provide quality education. Fixation of individual responsibilities and their discharge;
- Creating a learning environment that values the academic, vocational and developmental needs of all the students, integrating all these characteristics in a holistic way.
- Ensuring effectiveness of management through collaborative, co-operative and consultative methods.



- ✿ Increasing access to electronic and digital information.
- ✿ Planning and execution of the Infrastructural Growth of the institution,
- ✿ Promoting research and maintaining a research environment in the institution.
- ✿ Involving the needs of the society and taking the initiative to affect a remedy.
- ✿ Functioning as the Drawing and Disbursing authority as per guideline of the Govt. of West Bengal.
- ✿ Planning for Financial Management and maintenance of the Financial Audit. Effective Auditing on time by internal and statutory Auditors.
- ✿ Effective budgeting and resource mobilisation & effective utilisation of resources;
- ✿ Taking steps to ensure adequate necessary discipline in the institution.
- ✿ Promoting welfare schemes for all relevant stakeholders (such as Medical & Means Fund, Students' Aid Fund, provision of scholarship from different sources, provision of Cheap Book Store, canteen facility to students & staff, Provident Fund, Festival Advance facility, Staff Co-operative Credit Society, Medical check up facility, Study leave etc.)
- ✿ Evolving mechanism for redressal of grievances of teaching, non-teaching staff & students.
- ✿ Planning and sustenance of the Bench mark practices of the college

**Faculty:** Our institutional commitment to quality teaching has compelled us to identify benchmarks, promote good practices that meet teacher and student expectations. Our institutional policy is to understand better the teaching process and the experiences initiated by teams or individual teachers. Quality culture is deeply embedded from the very inception of the institution.

Faculty policy for quality teaching encompasses a wide range of initiatives grouped under these major heads:

**Institution-wide quality assurance policies:** Internal quality assurance systems are designed to develop a quality culture at institutional level, in which faculty have a major role to play. Faculty attends peer review process for **Academic Audit**. Various programmes from time to time are organized to keep pace with developments in modern concepts of education and technology.

**Up hold the Research Oriented Environment:** Research Monitoring and direct participation of the research activity with the involvement of the students of both UG and PG level

**Programme monitoring:** Through frequent programme evaluation, the design, content and delivery of the programmes are continuously measured and steps are taken to enhance quality.

**Teaching and learning support:** Provision is made for maintaining a positive atmosphere which facilitates teaching and learning, including use of ICT in classrooms and laboratories.

**Participation in the Institutional Management:** Participation in the meetings of the Governing Body and other Standing Subcommittees such as Finance Sub-committee, Academic Sub-committee, Admission Sub-Committee, Building Sub-committee, Library Sub-Committee, Purchase Sub-committee etc. for framing of the policy decisions as well as execution of the work with the support of the relevant agencies.

**Operating the Departments** in a decentralised model for the benefit of the students as per guidance of the Governing Body and DPI, Govt. Of West Bengal.

**Other Activities:** Apart from the above the faculty are continuously involved in the following activities which help the institution to move a step forward in its preset aims and objectives:

- ✿ Regular contact teaching in classes as per central routine.
- ✿ Continuously evaluating and enriching the curriculum plan.
- ✿ Pursuing Refresher, Orientation, M.Phil, Ph.D.s, Post-doctoral studies for the purpose of self development in the concerned branch of studies and extending such knowledge in the field of work.



- Organizing seminars, conferences, symposiums, workshops, departmentally and centrally in order to provide a scope for knowledge sharing regarding the latest developments in different subjects.
- Imbibing the spirit of research work by effectively guiding U.G and P.G students in in-house and off-campus project works and internships.
- Keeping a close eye on the students through tutor ward model and ensuring the right help to the right student at the right time.
- Attending college and university workshops with a view to suggest the latest developments in the subjects in the U.G and P.G syllabus.
- Acting as Paper setters, Moderators, Head examiners, Examiners in college and university level examinations to ensure the proper and timely completion of examination procedure and enabling students for the next vertical up gradation.

### 6.1.3 INVOLVEMENT OF THE LEADERSHIP IN ENSURING

#### A) Policy Statements and Action Plans fulfillment of the stated mission:

The leadership maintains a clear vision of where the programmes should lead the students, and adopt a pedagogical strategy that comprises a range of actions that serve our educational goals. The various sub-committees framed by the Governing Body and the IQAC are committed to see that the policy statements and action plans which are commensurate with the vision and mission of the institution. Principal and the GB members regularly evaluate the relationships of the institution with its stakeholders and communities.

**B) Formulation of action plans for all activities of the institution and incorporation of the same into the institutional strategic plan** is an important aspect of policy formulation in this institution. At the beginning of every academic year, the activities are set apart by the meeting of the respective sub-committees for this activity. A number of committees and **twenty-six** departments function in this institution in the performance of various curricular, co- curricular and extracurricular activities. All departments and committees are asked to prepare the action plan for the coming academic year. After scrutiny and feasibility assessment, the finalized programmes and projects are incorporated into the strategic plan by the Governing Body.

**C)** As an institution run by Governing Body, under the leadership of the Principal there is a constant **interaction mechanism with stakeholders** and efforts to promote their welfare are of primary importance. There is a **FEED Back mechanism** of the final year **UG and PG students** and formal interaction with the parents with departmental faculty members and principal in the form of **Parent Teachers' Association**. For decades this is a healthy practice followed in this institution.

**D) Policy and planning is done after discussions with stakeholders** in the respective meetings and through feedbacks. New programmes are initiated only after proper analysis of the need and relevance of the proposed policies. The research inputs and facilities, opportunities for consultancy and extension etc., are discussed by a team of experts and final decision is taken by the leadership in view of welfare of all the stakeholders. **Outcome:** Very recently the MRP funded by college has extended two ten. A corpus fund has been generated for maintenance of the Sophisticated equipment.

**E)** The efforts taken by the leadership of the institution **to reinforce a culture of excellence** is unique and outstanding. The vision of excellence by the founder members of the college is the secret behind its fast growth and elevation to the status of a reputed educational institution. The present leadership, through various programmes and facilities aim at student centric learning and promoting research environment by framing of research monitoring cell, thus enhancing that honorable status. The IQAC and Academic Sub Committee play an important role in this endeavor. **Outcome:** A number of faculty members are now planning to take scholar for research as University authority is allowing ten faculties to act as



research guide. College has decided to give Scholarship to the research scholars @ Rs. 10000- Rs 12000/- per month with a contingency of RS 50000/- to Rs. One lac. per year to promote research in the college.

**F) Role of Leadership, as a champion of organizational change** Leadership is always vigilant in observing the changes in the global academic scenario, and updating the programmes and facilities accordingly. The commencement of effective professional courses, establishment of Research Monitoring Cell, Opening up of Central Instrumental facility, **Thalassaemia Eradication Centre** (a centre of the college handling Blood screening through HPLC is an unique phenomenon in the state as well as the country) modernizing education and administration through use of computer and internet facilities, Wi-Fi Campus, ICT enabled class room teaching, remedial coaching for backward classes, classes for public service examination preparations, Virtual Classrooms, Rain water harvesting, use of solar energy etc., are some examples where the college has shown considerable leadership among similar category of institutions.

#### **6.1.4 Procedures Adopted by the Institution to Monitor and Evaluate Policies and Plans:**

Our plans and policies are in tune with our commitment to our vision and mission. Moreover, there is a guideline of the **Govt. of West Bengal and UGC** regarding the procedure to monitor and evaluate policy and plans. Access to higher education without compromising quality to ensure that the economic, social and market needs are met in the areas of intellectual development and human resource provision.

- For monitoring the policies and plans, we prepare annual work plans, including improvement targets, specific monitoring committees, action plans and budgets for the college.
- A special arrangement is made to keep a detailed record of the teachers' performance on daily basis, and this report is finally converted to the half-yearly and annual report in order to reflect the teachers' annual performance. The half yearly basis and yearly basis evaluative reports are published and displayed in the college notice board.
- Inter departmental academic audits are carried out through peer reviews every two years.

After carrying out discussion in the departmental faculty meeting necessary measures are taken for improvement. All the heads of departments also present their observations, suggestions for improvement and resource requirement through the Academic sub-committee, IQAC and Teachers Council Meeting. In the light of the above, policies are formulated for the upcoming year. The progress of students' learning achievement is systematically monitored in the existing evaluation system and this ensures the efficiency of performance of the institution. Our system of governance and management is closely linked with transparency and accountability and supported by competent Governing Body.

#### **6.1.5. Academic Leadership Provided to the Faculty by the Top Management:**

The top management of the institution encourages the participation of the faculty members in joining and organizing seminars, conferences, symposiums, workshops, departmentally and centrally. Faculty members are also encouraged to take up research activities through financial support and reliefs in class load. However, steps are taken to substitute such classes through guest faculties and class basis teachers.

Short courses for faculty orientation in areas such as INFLIBNET, e-content development ICT enabled teaching, use of open source etc are periodically arranged in order to equip the faculty with the latest developments in the field. These act as real motivator for the faculty members. The management enthusiastically tries to provide the gadgets and other facilities needed to cope with the technological revolution in classroom teaching.



### 6.1.6. Grooming Leadership at Various Levels:

For students we usually arrange Leadership and Soft Skill Development Programmes in consultation with experts in the field. This includes an **on-campus 80 hour free training and certification programme provided to our final year students by TCS**. In addition to this, the 1-Year Certificate (self-sponsored and autonomous as Horizontal Support) Course for Communication Skills and Aptitude Development for the Final Year students of the college caters to the negotiation skills and public speaking skills, which are taken care of by professionals during the curriculum. These programmes play an integral part in building leadership, team, communication and community service skills.

The NCC and NSS unit of the college observes various occasions such as ‘The World Aids Day’, The Independence Day, Library Cleaning Programme under Earn and Learn Scheme etc. These programmes provide ample scope and opportunity to the fresher’s in showing and improving their leadership. The Library Cleaning Programme also imbibes the feelings of Dignity of Labour amongst the students.

The Principal and the teachers also welcome the approach of the students in **observing Teachers Day**, which is another platform where the leadership abilities and skills of the students are identified and brushed up.

Class wise Quiz, Debates etc are encouraged and during the winters, a central annual programme is arranged with assistance from the Students Union ‘**Sagnik**’ where Quiz, Debates, Acting, painting, choreography and other cultural skills etc of the students are encouraged and exposed.

Student representatives are present in various bodies such as the Governing Body, Magazine Subcommittee, and Sports Sub-Committee etc. Here students have a brilliant platform of sharing their suggestions and leadership qualities.

The Elected Students Union (as in most Govt aided colleges of the state) is itself a huge platform where graduating and post graduating students have an opportunity to practice their leadership qualities.

### 6.1.7 Decentralized Governance System of the Institution:

As mentioned earlier, the Governing Body, the top most body in its meeting resolves different proposals, programme and activities. Proposals are initiated in various sub committees such as IQAC, Finance Subcommittee, Academic Subcommittee, Admission Subcommittee, Building Subcommittee, Library Sub Committee etc. as per the requirements of the different stakeholders. Principal as CEO takes the leadership to ensure implementation of those activities with the assistance of the sub-committees.

The Academic wing is divided into 28 subject wise sub units known as departments. Each department works under the supervision of a faculty member of the department known as the Departmental Head, as per the guide line in a decentralised mode.

The administrative wing works through office headed by the Head Clerk who monitors office work.

In case of purchase procedure the college maintains a **decentralised mechanism of purchase**. Finance Committee followed by the Governing Body approve a budget depending on the requirement of the department and financial availability. Then it is reported to the department and the departmental head in assistance with a Laboratory staff operates the purchase process up to a limit of Rs 30,000/- per order. Any purchase valuing above 30,000/- is approved by the Central Purchase Committee after getting the comparative sheet and required document for the same. One of the unique characters of the college in case of curriculum planning lies in the formation of the Academic Plan exhibited in the Academic Calendar. The members of Faculty prepare of respective departments prepare the academic plan through departmental meeting and these are distributed in printed form to all the students. Revision and necessary upgradation of the same on the basis of the



Feedback of the students and the parents, as obtained from the Student Feedback analysis and Parents-Teacher Meeting respectively, are made.

For better access of books and reference materials for the students and the members of faculty, the Central Library of the college is divided into two major units – one located at the Science Campus and the other located at the Commerce and Arts Campus. Also, the central library system has been further extended into departmental libraries – separate for UG and PG - maintained by each department, in addition to the two major units situated at both the campuses.

In case of the Autonomous Post Graduate Courses run by the college, each PG Department operates under the decisions taken at the PG Board of Studies consisting of Principal's Nominee, V.C Nominee, Subject Experts and Full Time members of Faculty of the concerned department. Further, the 6 PG departments discuss and arrive at decisions in the Faculty Council, which is only apex Central body in nature as far as the PG Courses of the college are concerned.

#### **6.1.8. Levels of Participative Management:**

Barrackpore Rastraguru Surendranath College has always maintained a culture which helps to nourish participative management. The Governing Body, which is the supreme authority, has delegated all authority of implementation to the Principal. The Governing Body is involved only at the policy making level. Principal chalks out the draft strategic plan for the activities of an academic year in consultation with the Teachers' Council, Academic Sub-committee, PGBOS for PG units and IQAC. After necessary modifications (if required), the plan is finalized and implementation entrusted to committees of faculty.

At the next level, departments and the various committees coordinated by the IQAC and Teachers' council are asked to submit detailed annual action plans compatible with the strategic plan. These are then consolidated by IQAC according to importance, relevance and feasibility. Then with the approval of the Academic Subcommittees, it is put in black and white in the Year Plan.

Teachers are usually offered consultative status in making decisions related to curriculum, teaching-learning and assessment processes. Teachers have representation in all executive committees operating in the college, including committees for admission and recruitment of staffs. Even on recruitment boards, teachers have their representation. The non-teaching staff takes care of the smooth running of the administrative system, in collaboration with the teaching staff. Their head, the Head Clerk, is part of all decision making bodies.

The Student Union, with the co-operation of class representatives, gives leadership to all the activities like NSS, NCC, Sports and Games, Cultural Activities Intra-college activities etc at the bottom level, under the guidance of supervising teachers. Tutorial and mentoring system see to the personal development and participation of each and every student in the campus.

Parent Teacher Association and Alumnae are two important bodies which constantly observe, support and facilitate the activities round the year, through participation and feedback. Generally, the feedbacks of the parents/guardians given in the Guardians Meeting are noted down by the departments and steps are taken to report such records to the principal in order to bring about necessary modifications. Similarly any suggestions given by the alumnus (in the meeting of **Praktanika**) are also given due importance and such suggestions are forwarded to the Principal for evaluation and implementation.

Events or activities schedule beyond the fixed routine are discussed at relevant committees or levels and the decisions are promptly informed through notices, meetings or through centrally fitted announcement systems.



## 6.2 Strategy Development and Deployment

### 6.2.1. Development, Deployment of the former plan and Review of Stated Quality Policy

The institution does have a formally stated quality policy.

This institution, guided by its vision and mission to provide a quality learning experience for all learners by continuously improving and sustaining the quality, developed a plan in its GB meeting dated 17/12/2008 for all aspects e.g. its infrastructure and learning resources, curriculum areas as well as Student support - to impact learners' achievement up to the highest possible standards through constant self evaluation and action planning. The programme was a long term plan and period of execution was marked for 10 years. In last four years the college was able to execute some important aspects as shown in the following table. The rest will be achieved in forthcoming years with some revision as stated in the GB Meeting dated 03/07/2013.

In order to improve the quality of the institution, the policy framers have considered the inputs from the **students** (through regular interactions, students feedback etc.), the **guardians** (through guardians' meet), **the society** (through interactions in different social gatherings), **the departments** (through discussions in the academic subcommittee) and **the government policies** (as published by the higher education authorities from time to time).

The projected future expansions of the college are given below criteria wise:

#### Curricular Aspects

1. To open PG Courses in Science Humanities and Social Science [e.g. Sociology, Journalism & Mass Communication, Management, Education, Mathematics, Geography, Bengali, English, Political Science, MCA, MBA etc. by phase.] : **Geography in 2009-10 and Food and Nutrition 2010-11 (Done)**
2. To open UG courses in Botany and Zoology. **(Done)**
3. To open Certificate & PG Diploma Courses in emerging subjects. **(operative)**
4. To introduce M. Phil, Ph.D. Programmes. **(in process)**
5. To revise the curricula of UG and PG courses. **(operative)**
6. To develop the entrepreneurial ability of the students through inclusion of information on advanced technology in some fields of study. **.(in process)**

#### Teaching Learning & Evaluation

1. Activation of Evaluation on Teaching and Learning through Tutor-Ward System **(operative)**
2. Extension of Remedial teaching **for disadvantage** students **(operative)**
3. Evaluation and Reformation of Examination System. **(operative)**
4. Promotion of technology enabled teaching-learning. **(operative)**
5. Formation of more Digital Class Rooms. **(operative)**
6. Flourishing computer aided learning. **(in process)**
7. Proposal for introducing INFLIBNET **(Done)**
8. Proposal for introducing EDUSAT.
9. Proposal for central computer facilities. **(in process)**.
10. Proposal for virtual class room **(Done)**
11. Promoting teaching learning through project work, dramatization, play etc. **(operative)**.
12. Extension of laboratory space **.(operative)**
13. Consideration of different departments by engaging more teachers and laboratory staff. **.(in process)**

#### Research Consultancy & Extension

1. Continuation of the endeavour to promote research culture among faculty and students through Institutional Research Projects. **(operative)**
2. Publication of Research Journal by the Departments / News Letter of the College **(in process)**
3. Extension of National & International Linkage. **.(in process)**



4. Organising of National / International Seminar / Conference. (operative)
5. Publication of Research Paper through website.(in process)
6. Organization of Rastraguru Surendranath Bandyopadhyay Memorial Lecture by eminent Academicians/Social Worker (operative)
7. Initiative be taken for Publication of the more papers in the peer reviewed journals.(operative)
8. Initiative be taken to organise a Central Instrumental Facility (operative)

#### **Infrastructure & Learning Resources**

1. Continuous effort to get residual portion of 6, Riverside Road campus/ Purchase of New Campus. Proposed cost Rs. 1 Crore. (in process)
2. Construction of Art & Handicrafts Gallery cum Shop at 85, Middle Road campus. Proposed cost: Rs. 12 Lakhs.
3. Construction of 2nd floor of Blocks A at 85, Middle Road campus. (Done)
4. Construction of 2nd floor of Blocks B at 85, Middle Road campus. (Done)
5. Construction of instrumentation workshop.
6. Construction of 1st floor of Block F at 85, Middle Road for Guest Room/ Principal's Quarter. Proposed cost: Rs. 18 Lakhs
7. Construction of 2nd floor of Blocks B, at 6, Riverside Road campus. Proposed costs Rs. 40 Lakh.
8. Construction of 2nd floor of Blocks D & E at 6, Riverside Road campus. Proposed cost :Rs. 70 Lakhs
9. Construction of 1st and 2nd floor of Women's Hostel. Proposed cost Rs. 60 Lakhs (Done)
10. Construction of ground and 1st floor of Boys' Hostel. Proposed cost Rs. 70 Lakhs(in process)
11. Repair and renovation of existing building, (operative)
12. Extension of library space (in process)
13. Proposal for inter-library borrowing facility(in process)
14. Proposal for access of the online and internet services in the library for the users(in process)
15. Proposal for up gradation of computer systems(operative)
16. Extension of Departmental Library (in process)
17. Initiative be taken for e-content preparation
18. Initiative be taken for increase of the Networking activity. (in process)
19. Planning for the development of the learning resources for the students/ Faculty members; (in process)

#### **Student Support and Progression**

1. Facilitating Support services through placement cell in IT, Hardware/ Networking, Financial, Retail and Marketing Management, Cost and Chartered Accountancy.(in process)
2. Provision of training facilities of the students through MOUs between college and industry such as MAYA Academy, ICA, ICWA and Apparel designing etc.
3. Creation of fund for the poor and meritorious students (operative)
4. Arrangement of lift for the physically challenged students. (Done)
5. Organisation of Seminars/ Workshop for Entrepreneurship Development of the students. (operative)
6. Supporting coaching facilities for different state/national level examination, e.g. NET/ SET /GATE /TOEFL etc. (operative)
7. Extension of coaching & sports facilities - Football, Cricket, Basketball, Athletics, Gymnasium, Khokho etc. (operative)
8. Opening of Indoor facilities of sports in a stadium.
9. Opening of Media Room in both the campus.
10. Introduction of Medical Aid Fund. (operative)
11. Extension of Cultural Interaction – Meet & Competition, Exhibitions, Seminars, Group Discussion, Debates. (in process)
12. Initiative be taken for introduction of the condensed course on 'Research



- Methodology' for interdisciplinary subjects. (in process)
13. Some Crash courses on Econometrics, Performing Arts, may be introduced. Students with ability be encouraged to participate in Performing Arts. Initiative be taken to introduce certificate course in Anchoring & to form Mime Academy.
  14. Certificate Course on the Cutting Edge domain, (operative)
  15. Planning for the Advance study / Research / project Activity of the student of the department; (in process)

### **Governance & Leadership**

1. Extending the office at 6, Riverside Road campus.
2. Planning and developing strategies for resource mobilization.
3. Budgeting and optimum utilization of finance reflected in up-to-date Audit. (operative)
4. Proposal for faculty development programme of teaching and non-teaching staff. (in process)
5. Improvement of Teacher - Student ratio for better academic openings. (in progress)
6. Development of student friendly computerization mechanism. (in progress)
7. Enhancement of routine fees (Tuition Fee, Lab. Fee) at an interval of 3-5 years. (in process)
8. Enhancement of Scale and allowances for Management appointed faculties. (in process)
9. Attempt to get more substantive posts from government and to fill these up. (in process)
10. Attempt to process Govt., BEUP/MPLADS & UGC grants and DST. (operative)
11. Initiative be taken for conducting at least 2 workshops for the Non-teaching staff related to office, accounts, library, computer. (operative)

### **Innovative Practices**

1. Activation of Thallassaemia Eradication Centre. (Done)
2. Extension of NSS activities in the form of adopting model village.
3. Extension of NCC activities for the girl students. (Done)
4. Proposal for games and sports for girl students. (Done)
5. Activation of Voluntary Blood Donor's Club. (Done)
6. Extension of Earn & Learn Activities. (operative)
7. Extension of Social Participation and Community Service.
8. Initiative be taken for Implementation of Rainwater Harvesting (operative)
9. Initiative be taken to create environment friendly Energy Resources. (in process)
10. Initiative be taken to form Weather Station (in process)

### **6.2.2. Perspective Plan for Development- the Aspects considered for inclusion in the Plan:**

The college has a policy of developing short/ long term plans in the light of the long term plans accepted by the governing body meeting dated 17/12/2008 and dated 03/07/2013. As mentioned in item 6.2.1, many of the proposals have already been executed and some of them are yet to start. Generally, the perspective plan for development will be to complete residual plan with early opportunity. Besides, sustenance of the existing Bench Marking activities is the main challenges for the institution in coming years.

Generally the plans are developed and stated in the light of the seven criteria for evaluation as proposed by NAAC. A glimpse of few such plans are:

- ◆ To introduce more PG, M.Phil, Ph.D programmes.
- ◆ To review the curriculum UG/PG courses in regular interval.
- ◆ To form more digital class rooms with IT supported teaching and learning..
- ◆ Continuation of the endeavour to promote research culture among faculty and



students through Institutional Research Projects.

- ◆ To extend laboratory space.
- ◆ To organize more national and international seminars.
- ◆ To construct boys hostel.
- ◆ To develop departmental library.
- ◆ To introduce medical aid fund.
- ◆ To arrange faculty development programmes.
- ◆ To create environment friendly energy resources.
- ◆ Extension of NSS activities in the form of adopting model village.
- ◆ Purchase of New Campus for future extension.
- ◆ Application for both UG, PG autonomous Curriculum.
- ◆ Plan for Cluster of College for Better Utilization of resources..

Moreover, all these perspective plans of the institution will be materialized during a period of next five years, taking into consideration the major factors such as

1. Effective Teaching and Learning
2. Research, Consultancy and Extension
3. Academia-industry interaction
4. Student Career Progression
5. Infrastructure Development
6. Community/Nation Development

Further, new proposals may be considered for inclusion, if they correspond to any of the above aspects, and if the management is convinced that they will benefit all the stakeholders, and there are enough financial resources to make the proposal a reality.

### **6.2.3 The Internal Organizational Structure and Decision Making Processes:**

The Top most decision making body is the Governing Body for a Govt-aided College in West Bengal and Governing Body in its meeting resolves different proposals, programme and activities. Principal as CEO takes the leadership to ensure implementation of those activities.

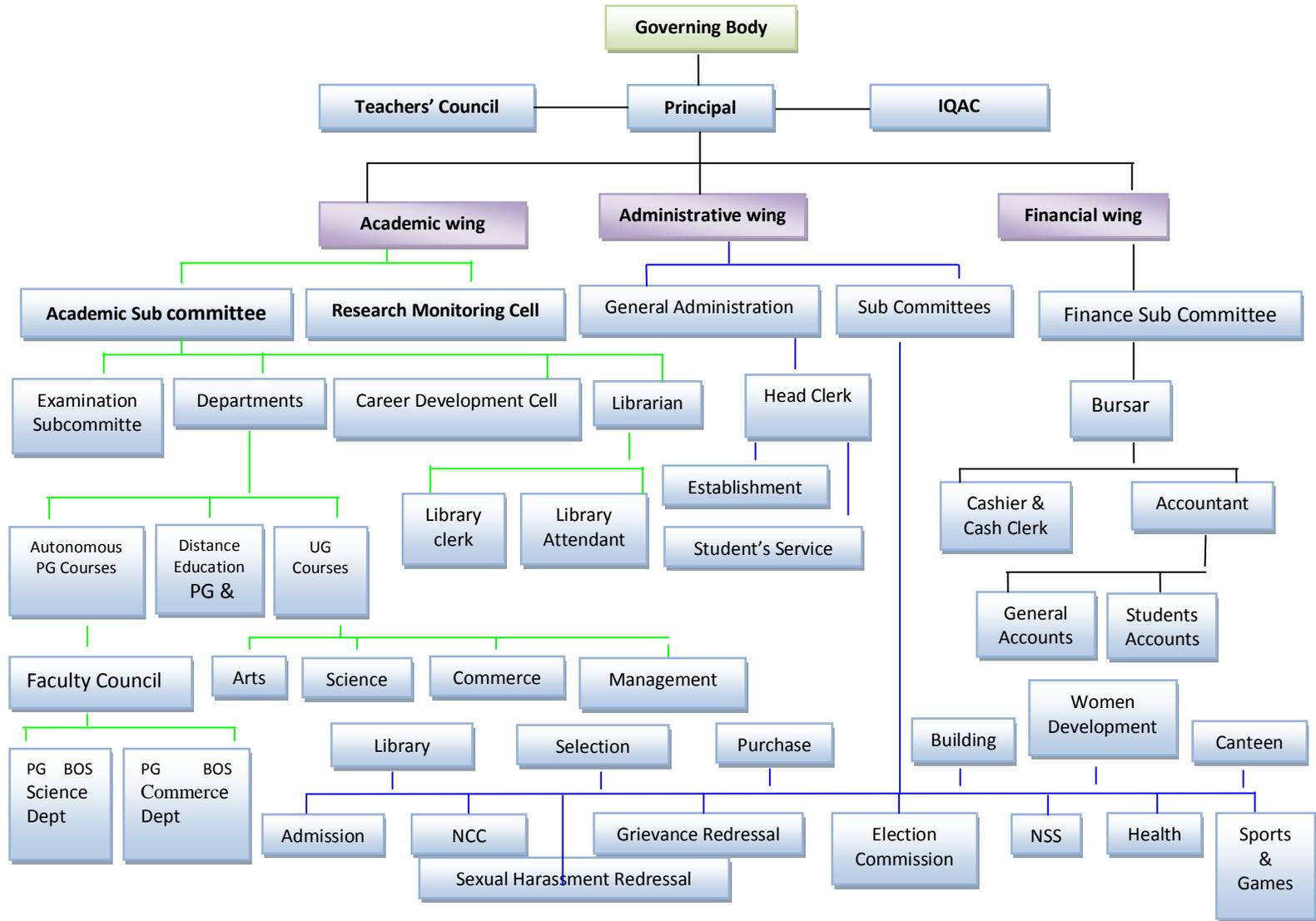
The Principal primarily has two consulting bodies, namely the IQAC and The Teachers Council. From the management viewpoint the principal has to look after the Academic wing, Administrative Wing and the Finance Wing. Proposals are initiated in various sub committees such as Finance Subcommittee, Academic Subcommittee, Admission Subcommittee, Building Subcommittee, Library Sub Committee etc. As per the requirements of the different stakeholders. These proposals are discussed in the meeting of the respective sub-committees and decisions are finally placed and approved by the Governing body and then executed with the support of the relevant subcommittees under the supervision of the Principal as per guideline.

The Academic wing is divided into 26 subject wise sub units known as departments. Each department works under the supervision of a faculty member of the department known as the Departmental Head, who finally reports to the Principal.

The college library works under the library sub-committee with the librarian as the operational head.

The administrative wing works through office headed by the Head Clerk.

The women hostel of the college is supervised by the Lady Hostel Superintendent staying in the campus.





#### 6.2.4. Broad description of the quality improvement Strategies of the Institution

The management's commitment of quality improvement strategies is to ensure transparent and equity based admission, value based and value added quality teaching & learning, sufficient focus on students' career building. The different quality improvement strategies in different vital areas are focused on the vision and mission of the institution as pointed out below:

##### Teaching and Learning:

The management's involvements for effective & efficient transactions of the teaching-learning processes are reflected as follows:

Since teaching learning process starts primarily with admission process at the commencement of each academic session Principal as CEO took the leadership to ensure implementation of transparent and equity based admission procedures by strict vigilance over day to day admission activities.

The college management has taken a leading role in introducing emerging subjects such as Microbiology, Computer Science, Electronic Science, Food & Nutrition, Journalism & Mass Communication, Film Studies, and Business Administration, Sociology, Psychology, Marketing Management to satisfy the needs of the society.

Moreover, management has taken special initiative to design and implement the curriculum programme keeping in view the principle of academic flexibility. To have a good *number of combinations* the students can take for each programme, a wide spread time table is essential and that can be possible only if infrastructural facilities are improved.

College has always taken initiative to implement the modern evaluative drive by introducing semester system of examination with CBCS mechanism in autonomous PG courses and autonomous certificate courses.

Academic counselling classes and remedial coaching are planned and provided for weaker and differently abled students.

Management has planned and installed the mechanism to provide modern Teaching aids by development of Digital Class Room, extended Internet facility, INFLIBNET, Net working and NPTEL connectivity and other modern aids. The management of the college has decided to extend the benefits of Information & Communication technologies such as Virtual Class Room/ Seminar Room with WI-FI Internet connection and other devices such as visualiser, sensor, Over Head Projector (OHP), Laptop, LCD Projectors etc.

Governing Body has formed a Cell for Career Development for better employability of the students since 2003. Now a placement officer is functioning to support the students in this regard.

Enhancement of access to higher education by maintaining good teacher student ratio is the motto of the management and to achieve this motto Govt. sanctioned teaching posts are not enough. To overcome this problem, nowadays there exists a dualistic approach for recruitment of Teaching and Non-teaching staff.

The management has allotted college fund in addition to the UGC funds to purchase Books & Journals for the central library and the departmental libraries and to buy Equipments for the laboratories as support services to the students.

##### Research and Development:

With the commitment and involvement, the departments of Microbiology, Computer Science, Geography Food & Nutrition and Commerce got recognition from UGC and started to receive separate PG grants for purchasing books, journals and equipments and these fund encourages Research and Development..

College has received DST FIST Grant of Rs. 50,00,000/- (fifty lacs) for the development of Laboratory facility for the PG student and research scholar.

The college has also applied to State Govt. for sanctioning funds for purchase of equipments for UG and/or PG curriculum in Microbiology, Zoology, Food & Nutrition etc, installation of CCTV in library. The State Govt. has sanctioned the grants on the basis of performance.



In addition to the above, the college has allotted funds from its own coffer to promote Research activities through MRP Grant (six), allotment of Research Fellowship Rs.10000- 12000/- per month and contingency grant up to one lakh rupee per annum, purchase books in the departmental library to supplement the central library.

College is funding for publication of one peer reviewed Journal ( Two volumes each year) in the department of Commerce and Economics. It motivates the departments to organise State/ National level Seminar/ Symposium etc.

The management has taken measures to arrange faculty development programmes for both teaching & non-teaching staff. The college has arranged Seminars, Workshops, and Symposia for both teaching & non-teaching staff. The management encourages faculties to participate in Seminars, Workshops, Refresher and orientation programmes.

#### Community Engagement:

- The institution has setup a Thallassaemia Eradication Centre using Variant Analyzer (HPLC), which is the first of its kind initiative in India by an educational institution. The centre has already screened more than 9000 samples. The centre is participating in awareness and Blood screening programme since 2008 with a target of stopping the birth of Thallassaemia baby. Already college has organised more than twenty awareness programme.
- The institution has provided free computer literacy training to the financially backward residents of Barrackpore Municipality.
- College is extending the infrastructural facilities to the community by organising some very special programme. The department of Mathematics and the department of English Language have organised special programme of interface after revision of syllabus at the XII<sup>th</sup> level.
- College has twice organised **Five-day INSRIRE Science Camp funded by DST** in the years 2011 and 2012 and the initiation were taken by the Science departments. Around 125 high scoring[scored more than 85% for WB Secondary Board and 90% for CBSC & ICSE Board] students of XI<sup>th</sup> science stream participated in the Camp each year and they were motivated towards the science learning and research in future by a group of high profile mentors.
- College has organised **District Science Mela, Competition and Exhibition** of the School and college students in the year 2012 as per order of the Govt. Of West Bengal.
- Since a couple of years the college has been arranging a Career Fair, which not only attracts and benefits its students but also the freshly passed alumni and other school/college students from adjoining areas.
- College is **actively engaged in providing assistance for holding different examinations of the state level** e.g. TET, SSC, Primary Teacher appointment related Examination etc.

#### Human Resource Management:

The basic structure of the human resource in the organization i.e. **Staff Pattern** of teaching and non-Teaching staff are given by the Government of West Bengal

For recruitment of teachers in all the substantive teaching posts including the post of Principal approved by the Govt. of W.B., the recommending authority is the West Bengal College Service Commission (WBCSC) constituted by West Bengal State Legislation Act, 1978 and the appointing authority is the Governing Body of the College.

To improve the Teacher-Students ratio and to impart quality education, the Governing Body of the College has been creating whole time teaching posts in different subjects from time to time as per requirement reflected in students' feedback and Parent Teacher meetings. We can mention that till date the college has created 35 and filled up 33 whole time teaching staff that is paid from the College Fund. Presently, some of these teaching staffs are getting salary from Govt exchequer as contractual staffs that are extended up to their age of sixty years.



These posts are filled up through the recommendation of the Selection Committee constituted by the Governing Body of the College. The Selection Committee is composed of a subject expert from the affiliating university, President of the GB, Principal of the College and Head/senior most teacher of the department. The college invites applications through advertisement in the leading newspaper (usually The Statesman) from the personas having UGC prescribed qualification. Transparency and the quality are the guiding forces for appointment in this category of teachers.

So far as non-teaching posts are concerned there is also a dual policy in respect of requirement.

The Government sanctioned Non-teaching posts are filled up as per exiting govt. rules. Applications are invited from the candidates through open advertisement in the leading newspaper and through local Employment Exchange. The Selection Committee framed by the college Governing Body takes the screening test, if required. The Selection Committee calls short-listed candidates for the interview. A panel of three (3) candidates is prepared by the Selection Committee and is placed before the Governing Body for approval. Principal is authorised to give appointment according to the merit list (1st, 2nd, 3rd) made in the panel.

Due to financial crunch of the State Govt. and delay in sanctioning the non teaching posts for a long period of time, the college is forced to create whole time non-teaching post on contractual basis for smooth running of the college and for providing quality support services to the students. Procedure of appointment in these posts is followed through the Selection Committee constituted by the Governing Body of the College.

The non-teaching staff appointed by the college on contractual basis enjoys the scale of pay with usual benefits like DA, HRA and Medical Allowances from the College Fund. They are also enjoying the benefits of the Employees Provident Fund (EPF) with employees' and employer's contribution.

In addition to the above the college has appointed class basis contract teachers having the UGC qualification and non-teaching staff on daily basis. The college has been able to engage a good number of Guest Teachers in different departments on request with specialized skill in appropriate branch of study.

We are not shaky to say that in spite of all our best effort the teacher student ratio in some departments is not satisfactory. Financial crunch at the Govt. level seems to be the limiting factor for lack of adequate number of teaching staff. Reservation policy of the Govt. and non-availability of suitable candidate in this category (for SC and ST candidates) are the other hindrances. There is also a limitation with respect to the financial capability of the college itself. Still we believe that we will be able to overcome this problem.

#### **Industry Interaction:**

The college arranges a career fair in the winters, in which stalls are set up as well as interactive sessions are carried out by different industries. This fair provides an opportunity to get a bird's eye view of the job oriented requirement of different industries.

Since a couple of years, TCS has been providing an eighty hour on campus training cum certification programme for students interested to work in the IT industry.

IT sector giants like FIRST SOURCE, TCS(IT ), TCS e-Serve International, WIPRO, CTS, IBM, Genpact, Tech-Mahindra, Infosys, Satyam Computers etc., and other industrial houses like MPS Group, IDBI Capital, DISHA Eye Hospital, Tata Johnson Automobile Ltd, Dabur, ITC, ACC Ltd etc. conduct regular campus recruitment drives.

#### **6.2.5. Information for the Top Management and the Stakeholders, to Review the Activities of the Institution**

The college has a planned policy for collection of feedback from the stake holders, in the form of (a) students 'feedback, (b) feedback from guardians, (c) Performance Appraisal Report of staff, (d) Employers Feedback Report, (e) Feedback from Alumni (f)



Feedback from Head clerk, (g) Heads/senior teachers of the departments, Reports from respectable persons of the society like Chairmen of Municipalities, Heads of the school and colleges, **feedback from other eminent persons visiting the college**, collection of information from personal contacts etc. The students' feedbacks are analyzed using simple statistical tools and are arranged in the form of reports. These reports are approved at the departmental meeting and are placed before the principal by the departments. Thereafter, the principal places these reports before the meetings of Teachers' Council, and IQAC followed by top management (governing body) for discussion, necessary actions for improvements. Other feedback (especially from alumnae, guardian, society persons and recruiting agencies) is considered for future planning of the college.

#### **6.2.6. Encouragement and Support for Involvement of the Staff**

The institution takes various steps to encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional process.

- **Encouragement and support for teaching staff:**

- Teachers are encouraged to carry out Refresher and Orientation programmes from time to time.
- Departments are encouraged to hold seminars, symposiums, conferences etc on state, national and international level.
- Reasonably liberal leaves are granted to teaching staff for visiting seminars and carrying out research work.
- Time to time the college takes initiative to organize faculty training programmes on topics such as use of SPSS, ICT enable teaching etc.

- **Encouragement and support for non-teaching staff:**

- Regular training programmes are carried out for the accounts department, office and library staff.
  - Computer awareness training programmes have been provided to increase the level of computer knowledge of the non-teaching staff.
  - Qualified Chartered Accountants often spent time to provide information regarding accounting procedures to the accounts department non-teaching staffs.
- Further, the college tries to provide a motivating work environment through:
- Annual picnic, Get-together, social programmes.
  - Teacher vs. nonteaching friendly cricket match
  - Acknowledgement of Special achievements (achievement of Ph.D, M.Phil etc) at TC meeting.
  - Appreciation of the staff members for any achievement.

#### **6.2.7. Resolutions made by the Management Council Last Year**

- Applying for new courses - (Urdu as general subject and M.Sc.in Chemistry) Urdu – Course was started.
- Completion of 2<sup>nd</sup> floor of Block D at 85 Middle Road Campus for extension of laboratories.
- Completion of AC Installations in seminar Hall - Completed
- To get sanction for one Central Instrumentation Centre for extension Research from DST fund and Two more research Laboratories for Food & Nutrition and Geography- Done.
- More ICT enabled class room teaching - Smart boards, computers, LCD projectors, etc., are provided by the management (done in the present phase).
- Installation of CCTV - installed in strategic locations like Library, Entrance of the college some laboratories etc.
- Arranged a Central Server Room, and Installation of Campus WI-FI
- Arrangement for security light in the lawn of 85, Middle Road & 6, River Side Road through Solar System

#### **6.2.8 Provision for Autonomy**

In West Bengal, the system of granting autonomous status to state aided general degree colleges has not yet gained much popularity in policy and practice.



However, the college is one of the pioneers in the state which has been granted the autonomy to initiate and run Post graduate (Master degree) programmes in subjects like Microbiology (2004), Computer Science (2005), Accounting, Finance and Control Management (2006), Marketing Management (2006), Geography (2009) and Food and Nutrition (2010). For these post graduate courses, the college has complete autonomy to frame policies and regulations, syllabus framing, arrangement and conduct of examinations under the aegis of the P.G Board of Studies (consisting of Principal's Nominee, V.C Nominee, Subject Experts and Full Time members of Faculty of the concerned department) and the Faculty Council, which acts as a coordinating body amongst the PG Depts.

Moreover, the college has taken all sorts of steps to initiate autonomous courses at the Certificate level and in the form of employability enhancing programmes such as computer aided accounting and taxation (CAAT), Foreign Trade Management (FTM), Soft Skill Development etc.

### 6.2.9 Resolving Grievances and Complaints Mechanism in the Institution:

There is a Grievance Redressal Cell which takes measures to prevent the grievances.

For general grievances, primarily, departmental problems faced by the students are reported to the departmental head and after discussion in the departmental meetings these are directed to the principal. Thereafter, the principal on reviewing and understanding the level of the problem forwards the grievance and problems to a dedicated **grievance redressal cell**.

The function of the Grievance Redressal Cell is

- to consider and record the grievances of teaching, non-teaching staff and the students;
- to take measures to redress (or, to minimise) grievances;
- to create an environment of peace, harmony and coordination among the stakeholders for the betterment of the institution.

This specialized cell works under the principal with teaching and nonteaching as its members. The grievance redressal cell from time to time reviews the grievances put forward by different stake holders, in terms of the nature and extent of the grievance and tries to minimize and abolish the chances of occurrence of such grievances in future.

The grievances of female members are discussed in the presence of female faculty members of the cell. The opinions of the female members of the cell are taken before implementing the decision. The processes of redressing the grievances are normally completed within a short period of time from the date of complain (Ref: 5.1.10).

College Governing Body has developed a **Sexual Harassment Redressal Cell** where a senior female faculty member acts as chair person. The female faculty members are requested to make thorough investigation along with the assistance of senior female faculty members. They place the report in the meeting of the cell. The cell has not yet received of such harassment. Presently, the cell is working to sensitized the stakeholders to minimize the problem.

### 6.2.10 Court Case

No court case has been lodged or filed by or against this institution during the last four years.

### 6.2.11 Mechanism for Analyzing Student Feedback

The college has a long back practice of taking feedback since 2000 from the students in respect of various aspects such as the college, the curriculum, the library, the laboratory, the canteen, the examination procedure, the drinking water and sanitation system, the faculty etc. The questions in the feedback consist of both open ended and 5 point scale close ended questions.

Usually, the students are allowed to fill-up the feedback form in a confidential way without disclosing their identity. These feedbacks are received centrally by the Principal's office and thereafter distributed to the departments for analysis. The



departmental teachers under the HOD analyze the feedback using simple percentages. These findings are arranged in the form of a report, discussed in the departmental meeting and are submitted to the principal's office.

Thereafter, the information revealed in the feedback are used for taking remedial measures, and policy framing and decision making. The suggestions for improvement are grouped into three categories:

- Those we can change immediately
- Those that must wait until the next time the course is offered
- Those that we cannot change

In all possible cases, remedy is provided, after discussions with the concerned authorities.

### 6.3 Faculty Empowerment Strategies

#### 6.3.1 Efforts made by the Institution to Enhance the Professional Development of its Teaching and Non- Teaching Staff

The institution has been showing continuous interest in catering to the necessities of professional development of its teaching and non-teaching staff.

Teaching Staff:

- Management is accommodating and encouraging **faculty development programme funded by UGC** for Ph.D degree. During this period 2 teacher members participated in FDP programme.
- A good number of faculty members are now pursuing their M.Tech courses and some faculty members have already have completed their **M.Phil/M.Tech** courses during the past four years.
- The college authority has been reasonably liberal in allowing **adjustments in the class routine**, allowing **short study leaves** for course work, dissertation and examination for M.Tech and M.Phil degrees. The number of faculty members who enjoyed this privilege during the period is 12 (year wise splitting if possible).
- Further, the management is encouraging a good number of faculty members in pursuing **part time research activities** for enhancement of their professional developments (pursuing Ph.D). **Additional one day relief** for participation in library work and experimental work, permission of early relief through relaxation in routine, fund for pursuing the research work through Minor Research Project (both from UGC and college fund).
- Resource mobilization for development of better laboratory facility through provision of modern equipment like **HPLC, FTIR, FPLC, Inverted microscope, cold centrifuge(-80 degrees) etc.** and other infrastructural facilities like **Rack server, Computer, Wi-Fi etc.**

The shortfall created towards the student to provide the above facilities to the faculty member is compensated by making stopgap arrangements through class basis contractual faculty and guest lecturers.

Non-Teaching Staff:

Just like teacher members, non-teaching and supportive staff are also getting support from the college authority for enhancement of the professional degree.

- It is interestingly observed that a reasonable number of non-teaching staff are **interested in enhancing their professional career by pursuing higher qualifications**. It is evident by the fact that some of the non-teaching and support staffs have completed their higher secondary, graduation and post graduation degrees through distance education. Few library members have enhanced their knowledge by pursuing higher courses in library studies. The college has liberally arranged for leaves to these non-teaching staffs.
- The college has made arrangements to ensure **computer literacy** to the five new recruits during the period 2013 by sending them for compulsory computer certificate course.
- A seminar was organized by IQAC on **“Skill Development of Support Staff of the college ”** on 14<sup>th</sup> and 15<sup>th</sup> June, 2013



- The initiative of the institution can be substantiated by the fact that most of the group-C and group-D (excluding sweeping staffs) are computer literate by now.

### 6.3.2 Faculty Empowerment through Training, Retraining and Motivational Sessions

‘**Training, retraining and motivating**’ is a continuous process for empowering the faculty and staff. The college renders continuous faculty empowerment through training; retraining and motivational sessions. A variety of such programmes were conducted in the past four years.

**34 Faculty members** availed the **Orientation Programme and Refresher courses** and more than **ten faculty members** availed different **HRD programme** outside campus during the period.

A detail of such programmes arranged by the college are listed below:

1. **Topic:** "Questioning Identity: Response of the State and Community in Contemporary India " Date of Seminar :**23.08.2013 and 24.08.2013** Organized by: **Dept. of Political Science and Sociology In Collaboration with Jadavpur Association of International Relations**
2. **Topic:** "Open Source Technology: LaTeX & PostgreSQL " Date of Seminar : **10.08.2013 and 12.08.2013** Organised by: Dept. of Computer Science, Barrackpore Rastraguru Surendranath College in Collaboration with Free Software Mancha, WB and School of Mobile Computing and Communication, Jadavpur University
3. **Topic:** "Statistical Methods for Data Analysis " Date of Seminar :**17.05.2013 and 18.05.2013** Organised by: Internal Quality Assurance Cell (IQAC)
4. **Topic:** "Green Energy and its opportunity towards Entrepreneur" **Date of Seminar:** 020.3.2013. **Organized by:** Rastraguru Surendranath Bandyopadhyay Memorial Lecture 2012.
5. **Topic:** "Better Library Use and Management " Date of Seminar :**27.02.2013** Organised by: Department of Central Library
6. NPTEL workshop on 18.12.2012,
7. **Topic:** "Changing Environmental Scenario of Indian Subcontinent: A Geographical Appraisal" Date of Seminar : **25.11.2011 and 26.11.2011. Organised by:** Dept. of Geography in collaboration with West Bengal State University (WBSU)
8. Topic : “**Teaching strategies, learning styles, best practices in college teaching**” Date of Seminar :**21.04.2012**. Organised by :IQAC
9. Topic : “**Prospect of Research in Under Graduate Colleges**” Date of Seminar : **08.05.2010**. Organized by : **IQAC (Research Monitoring Cell)**.

#### Training and Retraining Programmes: Motivating the Employees:

Interactive motivational talks and seminars form a regular feature of the academic events of this institution. A few of such talks held here for the benefit of the faculty and staff, are furnished below:

1. Topic: “**Cancer Awareness Programme on special concentration to Breast Cancer**” Date of Seminar :04.03.2013. Organised by: **Department of Health Sub-Committee and Barasat Sahar Adhyapak o Gabeshok Samiti.**
2. Topic: “**Gender Inequality in Society: Emerging Dimensions**” Date of Seminar : 25.09.2012. **Organised by:** Equal Oppurtunity Cell.
3. Topic: “**Gender & Transgender: Insider's View** ” Date of Seminar : 25.09.2012. Organised by: Department of Sociology.
4. Topic: “**Gender Awareness** ” Date of Seminar : 24.02.2012. **Organised by:** Equal Oppurtunity Unit, UGC Merge Scheme.
5. Topic: “**Challenges and Explorations in the Glaciers of Garhwal Himalaya**” Date of Seminar : 12.03.2012. **Organised by:** Department of Geography
6. Topic: “**Great Revolution (Sepoy Mutiny in the Context of Barrackpore)** ” Date of Seminar :29.03.2012. **Organised by:** Barrackpore Rastraguru Surendranath College programme.



7. Topic : "**Education of SC, ST, OBC & Minorities-Opportunities and Threats**" Date of Seminar :28.02.2011. Organised by : College [Under the Merged Scheme of Equal Opportunity (UGC)].
8. Topic : "**Gender Discriminations and Legal Activities: A Critical Interface "** Date of Seminar :19.02.2011. Organized by : College [Under the Merged Scheme of Equal Opportunity (UGC)].  
Such motivational talks have helped a lot in developing the professional competence of faculty and office staff.

### 6.3.3 Performance Appraisal System

The college maintains a self appraisal system giving weight age to multiple activities performed by faculty inside and outside the campus in various fields.

#### Teachers:

- Through Self appraisal proforma.
- Appraisal through preparation of 6month/1 year performance analysis of teachers by the institution.
- Through students feedback.
- Academic diary.

#### Non-Teaching staff:

- Appraisal through preparation of monthly and yearly performance analysis by the principal.
- Through students feedback.

The self appraisal proforma filled up by the faculty members are placed in the process of promotion for evaluation. Weight age is guided by the DPI circular are considered and approved by the governing body.

### 6.3.4 Review of the Performance Appraisal Reports by the Management and the Major Decisions Taken

A summary of the Performance Appraisal Report in form of performance analysis of teachers prepared by the institution 6month/1 year-wise basis, results through students feedback and records of academic diary are initially discussed in the departmental meeting followed by academic subcommittee meeting and IQAC meeting. It is placed for promotion of the Faculty members and reviewed by the selection committee formed by the GB as per guideline of the Govt. order. The scores are communicated to the faculty in a personal interview. In order to encourage faculty with excellent performance, the management, appreciates the lead performers.

### 6.3.5 Welfare Schemes Available for Teaching and Non Teaching Staff

This is an aided college and in that capacity their teaching staffs are paid at the rates fixed by the Sixth recommendations of the UGC. But their other service conditions and privileges are at par with the state government employees. The non-teaching staffs are, however, paid at the State Government Scales and their service conditions are also at par with other state government employees of equal ranks.

Moreover, besides the govt. aided staff, the management has always been active in arranging for financial resources for some management appointed staff (both teaching and non-teaching), recruited to cope up with the work load in the Institution.

In addition, as employees of this college, both the teaching and non-teaching employees enjoy the following benefits too. The provision is for 100% of faculty and staff who are found eligible.

**Table 6.3.5**

Sl. No	Welfare Schemes for Faculty & Staff
1	Two On- Campus residential facilities for Darwans, one in each campus.
2	Free accommodation for watchmen
3	Rent - free accommodation for the Hostel Superintendent.
4	Facility of loans at Concessional rate of Interest from Staff Cooperative Society



5	Ad-hoc payment of salary in the months when the pay packet not received in time
6	Admission reservation to any course for children and wards of the Employees
7	Canteen, recreation and physical fitness facilities
8	Free use of college infrastructure for individual research
9	On-campus medical consultation facility
10	Ex-gratia payment during Festival
11	Extra financial helping in the form of Festival bonus to management appointed non-teaching and class basis teaching staff.
12	On campus free health care services & Free First – aid assistance.
13	Free use of Gym as health care for teaching and non-teaching staff
14	Day care facility for staff wards
15	Purified and Cold Water supply in the campus and hostel for teachers, non-teaching and student- 14 units
16	Staff Welfare e.g. regular EPF contribution and Gratuity Fund for management appointed staff

### 6.3.6 Measures taken by the Institution for Attracting and Retaining Eminent Faculty

The reputation earned by the institution as one of the Best under West Bengal State University is good enough to attract and retain eminent faculty in the institution. Appointment for substantive vacancies is done purely on merit basis by the West Bengal College Service Commission, which assures quality. Appointment in the vacancies of Management created posts are made purely on merit basis. The institution considers that, talented people who continue to develop skills and increase their value to the institution are our most important resources. We attribute this to the peaceful and party-politics-free campus atmosphere which facilitates effective teaching and learning, quality culture, research orientation, infrastructure facilities and smooth employee-employer relation.

The management encourages faculties to participate in Seminars, Workshops, Refresher and orientation programmes. Good connections of our faculty with other reputed institutes also have played a role in it. We are able to convince some renowned teachers of different university or colleges to take classes and guide our students and faculties for research activities. Prof. S.C.Mukherjee, Prof. Emeritus, Univeristy of Calcutta, Prof. Saroj Kr. Pal, Retd. Prof., Delhi School of Economics, Dr. Partha Basu, REtd. Associate Professor, PG Dept. of Geography, Bhairab Ganguly College, Dr. Raja Banerjee, WBUT; Prof. Amiungshu Chatterjee, CU; Prof. Subrata Mazumder, & Prof. Sujoy Dasgupta, Dept of Microbiology, Bose Institute, Dr. Ambika C Banerjee, Corporate Advisor, East India Pharmaceutical Ltd., Prof. Subhansu Banerjee, Dr. J. K. Mondal, Dept. of Computer Science Prof. Malayendu Saha, Vice – Chairman, West Bengal State Council of Higher Education Prof. Sunil Gandhi, Prof. Ananda Mohon Pal, Department of Commerce and Management, Prof. Debnath Chaudhari, AIIPHH, Prof. Suniti Chatterjee, CU Dr. Sharmila Mallick, Calcutta Medical College are the Eminent Faculty members extending their support for academic, Curriculum planning and other research activities of the college.

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Mechanism to Monitor Efficient use of Financial Resources:

The Finance and Accounts Department, headed by Accountant is working under the supervision of the Finance subcommittee, Bursar and the administrative control of the Principal. It handles the responsibility of implementing all tasks related to finance and accounting in accordance with the rules, regulations and financial policies framed by the respective authorities in this regard. The Finance & Accounts Department attends to all work related to accounting including treasury and bank operations and



**preparation of the annual draft budget of the college.** Draft Budget is prepared at the end of each financial year, taking into consideration the financial requirements of each **Department and the general development plans**. Each Departmental Head has to **submit the developmental projects** and get sanction from the Principal. The consolidated Budget is initially considered by the Finance sub-committee and is finally submitted to the Governing Body for approval. **The Department follows it up to its implementation after it meets the approval of the Principal.** **Implementation of the budget** is followed up at the college and departmental levels closely in order to ensure optimal performance in carrying out the college's financial plan.

**Weightage is given to the following items:**

- Development Programme for **Construction of more Built up Area,**
- Development Programme for Better Laboratory and Library Infrastructure, Books etc.
- Development Programme for more **ICT facility,**
- Development Programme for **extended Research facilities, extension of more MRP project and seed money for project and research works,**
- Provision for **Student Welfare Fund,**
- Provision for **Sufficient Student Aid Fund,**
- Provision of a **Corpus for Maintenance of the Modern Equipment.**
- Provision of sufficient **Maintenance Fund,**
- Provision of sufficient **Sports Fund,**
- Provision of fund **For Staff Welfare e.g. EPF and Gratuity Fund for management appointed staff,**

The Principal is responsible for monitoring and controlling the financial procedures that result from implementation of the approved financial plans for optimal performance. He is the Drawing and Disbursing Officer (DDO) presents regular periodic financial reports before the higher administration (the State Government and the UGC and DST etc.). In this process, he is assisted by the Bursar and the Accountant. UGC accounts is also handled by the Principal with assistance of a senior faculty and one office assistant and finally by the Accountant. Accounts related to departments are handled by concerned Department heads.

Norms followed in order to make effective use of resources:

- Payments are made either in the form of cheque or D.D. except in the case of small amounts.
- Tender is invited for any purchases above Rs. 15,000.
- Payment is made only on production of proper bills or vouchers.
- Payments are made only if authorized by the Principal.

#### **6.4.2 Institutional Mechanisms for Internal and External Audit**

The finance and accounts operations of the college are regularly audited by the auditors deputed by the Director of Public Instruction, Govt. of West Bengal as statutory audit. College Governing Body operates an Internal Audit more meticulously by a Chartered Accountant Firm appointed by the Governing Body.

The last audit in respect of each of the above was held on dates specified below:

**Table 6.4.2: Details of Government Audit**

Sl. No.	Audit Authority	Date of Last Audit
1	Director of Public Instruction, Govt. of West Bengal for the period ending 31.03.2013	28.11.2013
2	Accountant General of West Bengal	21.01.2012 & 22.01.2012
3	Internal Audit for the period ending 30.06.2013	12.12.2013

There has been no major audit objection as per the audit reports of the above audits. The audit report of the college gives a complete and detailed picture of financial performance, propriety and management. The Audit reports are discussed in the



meetings of Finance Committee and Governing Body. The observations & suggestions in the Auditor's report (Internal & External) are noted and considered for future improvement of the institution.

(Please see the copy of the original report which will be supplied during Peer Visit)

#### 6.4.3 Institutional Funding, Deficit, Management, and Corpus:

- This being an aided institution, its main source of income is **funds received from the Govt. of West Bengal** for salary component of the Staff.
- In the case of the regular courses, fees [budgetary resources are: **Tuition Fees, Laboratory Charges, Sports Activity, Session Charges, System Development Charges, Electricity & Maintenance, Internet, Admission, Library, Development Charges, Building Charges**] fixed by the State government and governing body are collected and expenses met from that source.
- College has enhanced its collection of fees from the students from Rs. 24738203 in 2009 to Rs. 30326051 in 2013 i.e. a hike of ~ 25% in last four years.
- Governing Body approves a Budget prepared by the Finance Committee giving due respect to the Development Programmes of the Departments, IQAC, RMC and other sub-committees of the institution for the **recurring and Development proposals**.
- College campus maintenance and other maintenance works in each year get due weight age as the expenditure is ~**10%** of the collection from Students in that year.
- **UGC fund** is used for various developmental activities, which is supplemented by the management for completion of projects.
- College receives development fund from **DST, MP LADS, MLA BEUP** fund and these are supplemented by the management for completion of projects.
- In the case of the **few self financed courses**, fee fixed by the University is collected and expenses met from that.
- College maintains a **Corpus Fund** for adhoc salary payment of the staff purchase of equipment from development grant & the amount is reimbursed from the grant from salary head or other development head. A corpus fund is also kept in Bank as Fixed Deposit, the interest of which will be utilized for maintenance of high ended instruments. A detailed of Income and Expenditure shown below received from audited income and expenditure statement of the years 2009-10, 10-11, 11-12 &12-13

**Table 6.4.3: STATEMENT OF INCOME**

PARTICULARS	2009-10	2010-11	2011-12	2012-13
Govt. Grant in Aid ( Salary)	34289458	46899339	60960031	56642946
Grants (UGC, Central & State)	3261632	8946092	6957620	6482383
MLA	400000	0	500000	0
Scholarships (Govt.)	250350	664900	776500	2052552
Fees from students	<b>24738203</b>	<b>28591846</b>	<b>29531767</b>	<b>30326051</b>
Misc. Receipt	192315	386182	418655	123171
<b>TOTAL :-</b>	<b>63131958</b>	<b>85488359</b>	<b>99144573</b>	<b>95627103</b>

**Table 6.4.3a: STATEMENT OF EXPENDITURE**

PARTICULARS	2009-10	2010-11	2011-12	2012-13
Grants Expenses (UGC, CG & Project)	5373659	4624553	7314463	2824969
Seminar Expenses (UGC)	151604	267021	758174	0
Salaries	34289458	56005677	62405781	63916007
Administration Expenses	6841940	7048888	5990000	7203112
Maintenance Expenses	<b>2379092</b>	<b>1920455</b>	<b>2111611</b>	<b>3089006</b>
Seminar/Workshop	5177	34823	42198	31054
Books & Journals	464495	243255	271258	869708
Scholarship (Govt./F.C./Mgmt.,)	494080	850065	1028825	1956721
Electricity/Genset Running Cost	663709	614946	561353	967237
Fixed Assets (Land, Building)	10764980	7484591	3375223	3334744
Equipment	778321	730052	573536	1853009
MLA/MP	201238	207729	341098	182769
Other Expenses	421719	451694	461878	630140
Research Work (Govt.)	<b>425000</b>	<b>1163450</b>	<b>769579</b>	<b>1843554</b>
Research Work (College)	<b>105740</b>	<b>152790</b>	<b>165017</b>	<b>237998</b>
Student Support	1262846	1099035	1018410	1025392
<b>Total :-</b>	<b>64623058</b>	<b>82899324</b>	<b>87188704</b>	<b>89965420</b>

#### 6.4.4 Efforts for Securing Additional Funding & its Utilization

Other than the routine Government and UGC grants, the institution has been able to secure additional funding from various agencies such as DST & FIST, DBT, MP LADS, MLA BEUP, State development grant. **College initiated and motivated some donors** for funding to financially weaker students. The total funding from Central and State Government for faculty, staff and students during the post accreditation period amounts to Rs.23,91,20,099 (see the table attached) of which, the total funding from UGC alone amounts to Rs. **2,25,03,176/-**

**Table 6.4.4: Details of Funding from UGC during 2009-10 to 2012-13**

Year	UGC Amount In Rs.	Salary Amount In Rs.
2012-13	3245123	63916007
2011-12	8842216	62405781
2010-11	4891574	56005677
2009-10	5525263	34289458
<b>Grand Total</b>	<b>22503176</b>	<b>216616923</b>

#### 6.5 Internal Quality Assurance System:

##### 6.5.1 Internal Quality Assurance Cell (IQAC)

a) Yes, there exists an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure from Feb, 2004 as per guideline of NAAC. As quality enhancement is a continuous process, the IQAC has become a part of the institution's system for conscious, consistent and catalytic involvement in the quality sustenance and enhancement, channelizing all efforts and measures of the institution towards achieving academic excellence.

**The Institutional Policy of Quality Assurance:** Receiving inputs from various bodies, such as the state and central government, the UGC, WBSU, the DPI and feedback from several stakeholders, the issues are discussed in Academic Sub Committee, Teachers' Council and then sent to the IQAC. IQAC members prepare a comprehensive future plan for the institution. The finance sub-



committee supports with a strategic financial management. The proposals are placed in the Governing Body for approval. The head of the institution has always tried to assure the quality assurance policies and practices with the help of IQAC.

**Institutionalizing Quality Assurance Process:** IQAC, is acting as a body for quality sustenance and enhancement. It also plays the role of monitoring the implementation of different quality assurance principles in the organization.

b) The Governing Body of the institution has **approved and implemented all the quality enhancement recommendations IQAC has put forward** for its consideration.

Decisions of IQAC Approved and Implemented:

All proposals put forward by the IQAC have been approved by the governing body. These decisions have been given the shape of a Long Term plan in GB meeting dated 17/12/2008. The organization is continuously trying to implement the long term plan as approved in the governing body. Quite a good number of such plans have already been implemented or are in the process of being implemented. The rest will be achieved in forthcoming years with some revision as stated in the GB Meeting dated 03/07/2013(refer to point 6.2.1).

c) Yes, the IQAC have external members on its committee.

**The Present Composition of our IQAC is as follows:** IQAC consists of the following 25 members.

- ❑ Chairperson: Head of the Institution
- ❑ Administrative staff- 02
- ❑ Faculty-08
- ❑ Senior faculty member as IQAC Co-coordinator
- ❑ Librarian of the college
- ❑ Management Representatives- 04
- ❑ Student representatives nominated by the Head of the Institution-09
- ❑ Members external Community representatives-02

#### **The External Members**

Presently, the external members in the IQAC, Prof. Arup Kumar Mukherjee, Dept of Applied Chemistry, University of Calcutta and Prof. Hiren Chatterjee, Dept of Bengali, Presidency University have rendered sincere and significant contributions, forwarded valuable suggestions and supported all developmental activities in favor of the institution.

Among other significant contributions, Prof. Mukherjee and Prof. Chatterjee suggested the following:

- Initiatives be taken for joint collaborative multi disciplinary works involving inter disciplinary subjects with research institutes.
- Initiative be taken for publication of more papers in the peer reviewed journals for all fields, particularly in the field of social science.
- Initiatives be taken for increase of networking activities.
- Initiatives be taken for e-content preparation.

As per their suggestions college has taken measures for effective implementation.

In addition to above, the contributions made by Prof. Dipak Bagchi, former Vice Chancellor of Bidhan Chandra Krishi Viswavidyalaya and Sri Tarit Baran Topder Former Member of Parliament as society persons of IQAC for a long period are worth mentioning.



**d) Student Participation in the Functioning of the IQAC:** To promote the spirit of collaborative and participative leadership, and to ensure free and effective say of the student community in the affairs of the institution, three student nominee representatives from UG level and Six student nominee representatives from the PG level were included in the IQAC. The representation, formally, for the first time acknowledges the students as key stakeholders in the quality of education. Student union representatives maintain a regular interaction with the IQAC coordinator and principal and prepare the proposals regarding students' requirements for the development and put them before the IQAC.

**Role of Alumnae in the Functioning of the IQAC:**

**The alumni have depicted their roles in functioning of IQAC in the following areas:**

The alumni provides useful feedback which serve as inputs for the planning and developmental activities of the institution.

Noted Alumni such as Dr. Chandan Mukherjee, Dept. of Chemistry IIT Guahati, Dr. Niloy Chakraborty, Post Doctoral Scholar, Freie University, Berlin, Germany have delivered invited lectures on contemporary issues.

Noted Alumni in the field of journalism and Mass Communication guided the students for future prospect. Noted alumni of the department of Mathematics guided the students for all India competitive Entrance Exam. Noted alumni of the department of Microbiology guided the students for the competitive Entrance Exam like GRE, NET etc.

The alumni have a practice of continuously motivating students through different awards and rewards (both monetary and nonmonetary) in the reunion program held on the first Sunday of December every year.

The alumni have also acted as a useful medium to provide industry interface to students, from time to time.

**e) Communication of IQAC with Different Constituents of IQAC:** Principal and Coordinator IQAC maintain liaison between the IQAC and the departments. The on-line communication facility between IQAC and departments makes connectivity easy and fast. IQAC also conducts periodic meetings of the Heads of all Departments where information dissemination is done. IQAC communicates the staff through the meetings, notification and policies of the IQAC. **IQAC engages staff from different constituencies of the institution for effective implementation of the IQAC program in consultation of the principal and the members of the governing body.**

**6.5.2 Institutional Integrated Framework for Internal Quality Assurance**

The institution has an integrated framework for Quality Assurance of both Academic and administrative activities.

- A planning framework (All academic and administrative activities are planned for a Five Year Period -Institutional Plan; and an Operative Plan for the academic year)
- A budget model (Preparation of a budget that supports implementation of the plans of the college)
- Implementation of the Plan (Activities are implemented in both the academic and administrative wings according to the institutional plan, budget and best practices)
- Benchmarking (The activities of the institution are compared with that of similar Arts , Commerce and Science colleges and norms fixed for further development)



- Assessment of self appraisal report of the faculty members as promotional support, prescribed by the Govt. Order.
- Administrative performance is reflected in Annual Performance Statement submitted to DPI, Govt. of West Bengal, and annual quality assurance report submitted to the NAAC.
- Participation in Academic audit by Peer review mechanism of the departments biennially. Contribution in planning framework (All academic and administrative activities are planned for a Five Year Period -Strategic Plan; and an Operative Plan for the academic year)
- Stakeholder surveying (Made at the end of the academic year with the help of feedback questionnaires)
- Preparation of SSR and National accreditation (By the end of five years, the cumulative review result is generated in the form of SSR, which Clearly point out the results of academic and administrative performance)

### 6.5.3 Quality Assurance Procedures and Training to Staff

College has realized the need for development of its staff in order to fulfill the priorities and attainment of the mission of qualitative accountability to the stakeholders. Seminars and workshops held on quality culture and quality imperatives are attended by all the staff and a select few are sponsored to attend similar events held in other institutions on related subjects. The majority of training is work based. In a struggle to materialize what we have committed, discussions, talks and special sessions on the HEI quality requirements are held quite often in the college to make quality a live discussion point in whatever the staff undertakes. We also provide thorough orientation and on-going department-wise training to staff. (Details of training are given in 6.3.2).

### 6.5.4 Academic Audit of the Institution:

**Peer review:** The College has a system to conduct peer review biennially in a structured format of edited by IQAC and the college does this work for the last four years. {Documents to be shown at the time of peer visit.} Departments prepare the necessary documents which are placed to the office of the Principal. IQAC and academic Sub-committee organize the peer review. At the end of the two academic years, IQAC members and other peers visit every department and inspect all files and documents. A SWOT analysis of each department is also conducted. In interface meeting with the departments, IQAC representatives review each department and offer suggestions for improvement.

**Teachers' performance record:** It exhibits the no. of class allotted and class taken, the no. of examination duty allotted and performed, other administrative activities done by each faculty members. After day's work the record is placed before the head of the institution for effective implementation and evaluation of the academic performance.

**Academic Audit by External Peer member:** The College organizes seminars, workshops, conferences in every academic year where the external faculties from reputed institutions are invited to deliver lectures along with the lectures delivered by internal faculty member and students of the college. The external peer members highlight the strength and weaknesses of the respective department and point out the opportunities available in the department and in the college.

**Academic Audit from Students' Feedback:** The College collects feedback from the final year outgoing students both at the UG and the PG level on different bases such as sincerity, regularity, communication skill of the teachers and outside assistance provided by them to the students. An overall performance of the teachers based on the feedback obtained from the students.



**Academic Audit by the Academic Sub- committee:** Academic Sub- committee comprises of the Heads/ Senior teachers of each department, Teacher representatives of the Governing Body, 2 (Two) external members of the Governing Body, Librarian, Bursar, Head Clerk, General Secretary of the Students' Union. This Academic Sub-committee, at regular interval of time, discusses matters related to dearth of required number of teachers, holding of examinations and publication of results, preparation of Academic Calendar, changes in curriculum etc.

#### **6.5.6 Institutional Mechanisms to Review the Teaching Learning Process:**

This institution has a strong mechanism to review Teaching Learning Process undertaken by Teaching Learning Review Committee

##### **Structure and Methodology of Operation:**

Feedback is collected by the Department formally through collection of feedback from the students and the parents and informally through observing the teaching learning in the class rooms. The result is communicated both to the Principal as well as the faculty concerned and thoroughly discussed in the Teachers' council meeting. This provides for continuous improvement. The system is heavily reliant on the performance indicators provided by the NAAC. Prospects for improvement in teaching & learning, requirement for facility augmentation, additional manpower requirement etc. for the departments, are well studied by the team. The observations of the review committee and suggestions for improvement and budget requirements are placed before the Governing Body at the end of the academic year.

**Outcomes** of review are as follows:

Commencement of new courses and feasibility study: One new course at UG level (Zoology Honours courses) and three new subject Botany, Physical Education, Urdu as General subject for BA & BSC Courses) and Two new courses in M Sc (Geography, Food & Nutrition) started during 2009-10 to 2012-13.

- Add- On Courses: To provide vocational component and to supplement the curriculum, three Add on courses conducted
- ICT and e-content development: High percentage of teaching is done using ICT
- Feedback: On the basis of feedback collected and processed, improvement made in mode and content of teaching, improvement of Faculty number etc.
- Assessment: Choice based Credit System, Internal assessment etc
- Training courses provided to faculty,
- Communication Skill and Soft Skill development based on feedbacks received from stakeholders

#### **6.5.7 Communication of Quality Assurance Policies to stakeholders**

The communication regarding the quality assurance policies is carried out through the Heads of Departments, IQAC contact persons and class teachers and IQAC class representatives. Meetings of stakeholders, discussions, talks, seminars, leaflets, alumnae newsletter, annual report, college magazine, handbook etc., are the other modes of communication. But the best and the most accessed medium is the college website.



## CRITERION VII

### Innovations & best practices

#### 7.1 Environment Consciousness

Barrackpore Rastraguru Surendranath College, situated on the east bank of the river Ganges in the cantonment area of Barrackpore city in West Bengal, has a long tradition of maintaining environmental consciousness. A tranquil world in itself, our campus stands unique with its lush green expanse, paved pathways, colorful plants, gigantic trees, herbal plants, chanting birds, gentle breeze flowing from the river Ganges and a serene, soothing environment with many endangered wildlife species. **A special mention must be made here; anyone who steps into our campus immediately becomes a lover or admirer of nature.** This is the effect our campus has on people. Our strategic plans for development have always been driven by a love of nature and sustainability of important resources like energy and water as well as by adopting practices such as waste reduction, recycling and energy conservation.

The institution has always been friendly towards the environment during the last five years. The campus has been highly sensitive towards issues like preservation of natural resources like water, air, sunlight and environmental degeneration. The institution is concerned with environment its substantial reliance on rain-water harvesting, carbon neutral policies, solar power. It is committed to promote an ambience of creativity and is concerned with quality achieved through innovation.

##### 7.1.1 Institutional green audit of its campus and facilities

The institution shows its consciousness and responsibility towards the environment management and it conducts a Green Audit of its campus and facilities. The Green Audit is carried out by the institution through maintenance of the following activities:

- ◆ Green Campaigns amongst the students and staff
- ◆ Consumption of electricity and necessary arrangement for its reduction;
- ◆ Use of solar energy in the campus;
- ◆ Usage of the Rain Water Harvesting System;
- ◆ Collection of record for due supervision for bio-waste materials management;
- ◆ Implementation of Eco friendly practices
- ◆ Facility information such as number of users and functions and Feedback mechanism from facility users
- ◆ Practices into curriculum through awareness Programmes and Environmental Studies.

##### 7.1.2 Initiatives taken by the college to make the campus eco friendly

(a) **Energy conservation:** The College is fast switching over to the use of modern low end energy consumption resources to minimize electricity consumption as well as green energy. Solar lamps have been installed in both the campus of the college. Existing energy consuming tube lights, Sodium Lamp, and fans are replaced with energy saving tubes, CFL, and fans with lower consumption. **Servo stabilizer, Kirloskar green generators** are often used for noise free standard frequency energy resource and green environment for the sophisticated equipment. Energy consumption in the hostel is closely monitored by turning off power during day time and Solar



LED Lights, CFL set are installed to minimize the consumption of energy. The security lights of the campus are operated by installation of Solar Panel of Street Light.

(b) **Use of renewable energy:** A number of solar panel has been installed and is used as a feeder to energy provided by West Bengal State Electricity Board. This augments the uninterrupted power supply and is utilized for the security lights of both the campus.

(c) **Water harvesting:** A Model Rainwater Harvesting System has been set up in the campus to promote the water harvest. The huge volume of roof water thus collected and conserved in a preserver (water tank) and the reserved water is partially used for gardening and excess water is used for recharging in the earth soil through a twin channel of 3-inch diameter pipe up to a depth of 60 feet.

(d) **Efforts for carbon neutrality:** Care has been taken to restrict vehicle entry into the campus except the cars owned by the faculty members. **Even the faculty members are encouraged to use public transport and a common pool car of 10 commuter use, instead of individual car.** Specific parking area is allotted for the faculty and the students. Awareness programmes are conducted in various departments by the NSS unit of the college. The institution has installed low carbon emitting Kirloskar- make green generators in both the campuses.

(e) **Plantation/ Greening devices:** We have started greening initiatives beyond the boundaries of our campus as early as the last decades of the twentieth century. The institution is still committed to these initiatives till today.

- Trees were planted by students along roadsides and on both sides of the road in front of the college.
- The NSS unit of the college actively conducts green campaigns and has taken the initiative to teach students how to make environment more conducive to healthy living by making it greener.
- A number of plants were planted in the college to make both the campuses more green and rich in fresh air.
- The college maintains a garden rich in a variety of flowers, herbal and medicinal plants, fruit trees etc., in the 6, Riverside road campus. **The garden at 85, Middle Road is smaller in size but maintains a green view of refreshment to its users.**
- The students, under the supervision of the NSS unit of the college, ensure that the class rooms and campus are kept clean, well ventilated and plastic free.
- Hazardous chemicals are disposed in highly diluted form so that these do not have any obnoxious effect on the environment.
- One of the healthy practices of the institution is '**Green Campus- Clean Campus**' initiative under the '**Earn and Learn**' scheme. Under this scheme, the students regularly nourish the trees and the flowering plants to keep them alive. During the last 15 years no case of plucking of flowers by the students has been reported. The students also clean the garden.

(f) **Hazardous waste management and e-waste management:** This institution has a desirable acreage of land and this enables us to dispose the waste materials without much harm to the nearby people. E-waste is disposed



through outside agencies. Students are made continuously aware about the necessity of effective waste management through invited talks and seminars organized by the departments of Chemistry, Zoology, Microbiology and Food and Nutrition. Sanitary waste is disposed of by the soak pit management procedure and it is very successful phenomenon as it never allows creating any foul odour in the process. **Pathogenic microbes are managed by proper destruction through Autoclaving** and UV treatment. Various environment-related activities, seminars, invited talks, and programmes were initiated by NSS as well as all the departments of the college.

(g) **Controlling visual pollution:** The College maintains a strict disciplinary approach toward visual pollution and controlled successfully the posters / writings on the inner as well as outer walls of the college. Initially the stakeholders of the college collectively maintained it and maintaining till date but it was very difficult to control the outside agencies from sticking their advertisements on the outside walls. A concerted and determined effort ultimately was successful in debarring the outsiders from the misdeeds. The necessary circulars or information of the stakeholders are posted on the designated places and is strictly adhered to.

## 7.2 Innovations

Our college has introduced during the last two decades a spectrum of transformative, innovative options, to respond to the multiple and complex needs of the contemporary community of its stake holders.

### 7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college:

#### Innovation in curriculum design:

- \* Seminar and assignment components as mandatory requirement for every programme.
- \* Value Based Education and Social Responsibility offered through NCC, NSS.
- \* Project work, creation of presentation skills of the students.
- \* Promotion of soft skill development of students provided through the college time table.
- \* Up gradation of syllabus at the UG and PG levels as per the needs of the society in a regular interval of 4-5 years.
- \* Introduction of Choice Based Credit System (CBCS).
- \* Following up of **academic calendar with teaching plan** which have been unitized by the college.
- \* Inviting industry personnel as PGBOS member to understand the industrial need and development of academic industry linkage.
- \* Continuous evaluation system in the form of Class Test, Midterm test, Test and University final examinations.

#### Innovations in teaching- learning:

- ◆ Wide publicity and transparency in admission process.
- ◆ On line admission in the PG courses and total computerization of admission procedure in the UG courses.
- ◆ A blended mode of traditional blackboard teaching and ICT enabled teaching is in operation during the last four years.



- ◆ Interactive, collaborative and Independent student centric learning process are in operation
- ◆ Lecture method is supplemented with the seminar method of teaching where the students are the speakers of the seminars.
- ◆ Case study method of teaching has been adopted.
- ◆ Organizing industry visit for the students at regular intervals.
- ◆ Inculcation of the scientific temper amongst the students
- ◆ Inviting industry personnel as guest lecturers to increase the interaction between the students and the industry.
- ◆ Inviting more faculty members from the universities and research institutes to create research motivation among the students.
- ◆ Providing virtual classroom and digital laboratory facilities to the students.
- ◆ Making provision of INFLIBNET N- List and NPTEL for the faculty and the students.
- ◆ Innovative Evaluation mechanism which results better attendance of the students
- ◆ Clear Learning Outcome prepared by the college for the Autonomous PG Curriculum
- ◆ Making provision of Language Laboratory with modern software (Odell) for the students.

#### **Interdisciplinary approach:**

Interdisciplinary programmes including Add on courses like Communicative English, Career Oriented Soft Skill (COSS), Computer Aided Accounts and Taxation (CAAT), Foreign Trade Management with e- commerce and Logistics.

#### **Innovative instructional method:**

- ❖ Experiential learning (Learning by doing).
- ❖ Student centric learning such as industrial visit for experimental learning.
- ❖ Summer Training
- ❖ Use of audio visual aid, e.g. use of films as teaching aid.
- ❖ Use of Smart Board in selected departments.
- ❖ Presentation of papers by students in seminars inside and outside the college.
- ❖ Participation in mock parliament.
- ❖ Participation of students in group discussion, debates and extempore on contemporary issues.
- ❖ Participation of students as reporters in local news agencies and local electronic news channels.
- ❖ Participation of students in career fair organized every year by the college.
- ❖ Participation of students in the Field Works.
- ❖ **E- learning applications:**
- ❖ ICT enabled class rooms.
- ❖ INFLIBNET N-List and NPTEL.
- ❖ Virtual classroom and Digital laboratory facilities etc.
- ❖ Teaching through Smart Boards.

#### **Innovative techniques in assessment:**

- Surprise tests are conducted frequently.
- Students are assigned some cases on their subjects and are assessed on the basis of the case study.



- Conducting quiz (both written and verbal) on the lessons taught with peer corrections.
- Organizing power point presentation for evaluation of the project works.
- Aptitude of the students in presenting papers.
- Giving home assignments
- Organizing group discussions.
- Weightage given on the attendance and class performance.
- Organizing debates and group discussions.

#### **Inclusiveness and diversity:**

The college addresses and resolves the problems of differently able students and other diversity of the stakeholders through the working of the following cells:

- ◆ Equal Opportunity Cell which includes Minority cell and Physically Disabled cell.
- ◆ Women Development Cell & Sexual Harassment Redressal Cell
- ◆ Backward welfare Cell

#### **Innovations in infrastructural planning:**

The college provides the following innovative infrastructural planning to its stakeholders:

- Providing a number of seminar halls with LCD Projector, A/C and Smart Board.
- Infrastructural growth commensurate with academic growth.
- Well ventilated and well lit classrooms with electrical and generator facilities.
- Spacious laboratories with modern equipments, availability of water, gas, reagents, chemical etc.
- Developed libraries with classical and modern books, national and international journals with e- journals, facilities of INFLIBNET N-list programme & NPTEL, internet connection and reprographic facilities.
- Open access of students in the library.
- Provision of digital classrooms in both the campuses.
- Facility of gymnasium in both the campuses as an aid to health care facilities.
- Facility of play ground of national standard.
- Facility of girls' hostel with internet, Wi-Fi, library and other modern facilities.
- Facility of central instrument laboratory.
- Facility of separate server room.
- Facility of Thallassaemia Eradication Centre- a unique feature of the college at the state and at the national level.
- Space for boys' hostel purchased.
- Availability of a guest room with modern facilities at 6, Riverside Road campus.
- Provision of Exhibition cum Seminar room at 85, Middle Road campus.

#### **Innovative 'Higher Focus Course':**

The college conducts the following 'Higher Focus Course' along with the regular academic courses for better development of various skills of the students:



- Research oriented sessions by organizing student in seminars, projects, summer training, internship in which they present papers developed by them.
- Training for enhancement of computer aptitude in the form of Computer Literacy Programme, training of Commerce graduates in the form of e-filing, e- taxation and other Accounting Packages, inclusion of Accounting Packages and e- taxation software at the PG level as an innovative idea of the college, training programme in the form of Open Source like PostGRE SQL, LATEX, Open Office, LINUX as a substitute to Proprietary Software. Faculty members and students of the Department of Computer Science devoted themselves in the maintenance of computer facilities along with the AMC facilities from outside.
- Sessions are conducted for the enhancement of presentation skills by organizing student seminars and workshops. In every session there is a practice in the college that at least one seminar is organized by the Departments where students are the main speakers of the seminar in the presence of internal and external experts who judges the students' performance and give opinions about the improvement.
- The college conducts a campus interview for the outgoing students every year. The experts from the corporate like TCS, IBM, CTS, Genpact, and Wipro judge the students' skill in the interview for placement and suggest the improvements in soft skill.
- An 80 hours training programme have been conducted by the corporate and the experts from the corporate houses groom the students for enhancement of presentation skill.
- Communicative English course for both UG and PG students.
- Cricket and athletics training in the college campus by appointing professional trainers.
- Implementation of NCC programme through the participation of the students under the guidance of NCC officer of the college in collaboration with 48 Bengal Battalion.

#### **Innovative to be socially responsible:**

The college complies with its social responsibilities through the NSS and NCC schemes by performing the following activities:

- Organizing Blood Donation Camps every year in the college campus in collaboration with B.N. Bose Hospital, Barrackpore.
- Organising Health Awareness Programme in every year for the adolescent students with the help of faculties from different medical colleges of West Bengal.
- Organising an awareness programme every year about HIV/AIDS on World AIDS Day (1<sup>st</sup> December).
- Visit to the old age homes with the support of our students as an awareness programme about the loneliness of old age people
- Thallassaemia Eradication Centre of national importance is used for eradicating Thallassaemia in the locality.
- Outreach programmes has been conducted by the college in ward no. 17 of Barrackpore Municipality, literacy and literacy programme in Jangal Mahal area of West Midnapore District, support services to blind people in a part of the Municipal area of Kalyani.



### Other innovations that have an impact in the functioning of the college:

- Principal of our college regularly supervises the performance of the teachers through performance record maintained by the college.
- The Academic Sub Committee consisting of departmental heads, senior faculty members, teachers' representative and some members of the Governing Body, Head clerk, Librarian, Bursar and General Secretary of the students' union chalk out a programme of issues and take policy decisions.
- Meetings of the Governing Body, Finance Sub Committee, Building Sub Committee, Purchase Committee, Admission Committee, Seminar Committee, Research Monitoring Cells, Examination Committee, PG Board of studies are held at a regular interval of times for systematic planning, execution and evaluation of programmes.
- Monthly faculty meetings redesigned as Evaluation and Planning Meetings for regular and systematic evaluation and planning for the month ahead.
- An ISSN publication launched for journals and books coming out from National and State level seminars organized by the different departments of the college. The college regularly publishes a journal '**Journal of Business and Economic Issues**' having ISSN number.

#### Innovative Practices of Various Departments

In addition to the above, various innovative practices have been adopted by all the departments which are explained in the evaluative reports of the departments.

### 7.3 Best Practices

#### 7.3.1 Elaboration on any two best practices as per the annexed format which have contributed to the achievement of the Institutional objectives and/or contributed to the quality improvement of the core activities of the college.

The college holds a number of best practices. Even though the college has quite a number of healthy practices, two of them, '**Performance Appraisal of Teachers**' and '**Students' Feedback**' deserves special mention. There is a growing need for educational institutions to become more accountable to the needs of the students and the society. Taking this responsibility into consideration, the institution has given special emphasis for these two Best Practices. These, in tandem with the Innovations mentioned above, have contributed, in a large measure, to the achievement of the institutional objectives as well as to the quality improvement of the activities of the college.

#### Best practice I:

##### 1. Title of the Practice: **Performance Appraisal of Teachers**

2. **Goal:** The objective is to achieve self accountability of the teachers in discharging their duties to the institutions, students and to the society at large. Teachers constitute the most important segment of the society. They can play a role model to the students as well to the society.

3. **Context:** With the above view the following objectives may be summarized.

- To make teachers punctual regarding timely attendance in the college and classes.
- To make teachers available during college hours for academic as well as other activities.
- To make them responsible regarding students' success and failures.



- To encourage newly appointed teachers to follow precedence set by the senior teachers.
- To assess on daily basis the number of classes actually taken by a teacher in respect of classes allotted.
- To reduce students' complain regarding class fall.
- To verify the completion of syllabus assigned to a particular teacher.
- To make comparison among the peers and there by develop a healthy and constructive competition among the departments.
- Consider the changing needs of the students and enhance their employability.

Presently, Attendance Register is maintained almost in every college. Teachers put their signature every day. Teachers are mentioning time of arrival and departure regularly. But, this standard practice fails to estimate the total institutional record in respect to teaching plan, progress of the academic and examinational programme etc. Few years back college teachers council has framed a format of record keeping on daily basis in the name of **Performance Appraisal of Teachers** which gives a transparent view of the teaching learning status of the college **supplemented by the Academic Diary** of the faculty members. We must say in all fairness the records are depicted and used for analysis.

#### The Practice:

Practices are performed by the teachers, and specially arranged non-teaching staff for recording keeping on daily basis:

- \* Dual recording of attendance of teachers- their office-in and office-out by the teachers themselves and by the administration.
- \* Cross checking of teachers' performance during their college hour through self appraisal and data recording by the employer.
- \* Regular vigilance of the records maintained by the Principal, followed by necessary measures.
- \* To record on daily basis the academic progress in the individual academic diary.
- \* Feedback yearly taken from the students, parents and alumni.
- \* Participation of teachers in orientation, refresher courses and seminars, symposiums etc. within and outside the campus.
- \* Introduction of Technology Enabled Teaching and Learning are recorded
- \* Operation of Grievance Redressal Cell.
- \* Provider of facilities to the teachers for research activities.
- \* Principal's action for consecutive absence without notice.

#### 4. Evidence of Success:

Successes are manifold. This can be enumerated as follows:

- Success achieved in taking classes during the last four sessions:

Session	2012-13	2011-12	2010-11	2009-10
Performance of Teachers (%)				
Above 90%	35%	43.15%	42.6%	45.9%
Above 80%	76.4%	82.2%	82.5%	79.5%

- In supervising examination the success rate during the last four sessions are as follows:

	2012-13	2011-12	2010-11	2009-10



Session				
Performance of Teachers (%)				
Above 90%	69.7%	53.1%	45.7%	50.3%
Above 80%	87.9%	75.2%	80.3%	65.7%

### 5. **Problems Encountered and Resources Required:**

The following problems have been encountered in implementing the practice:

- Reluctant due to psychological factor to mention time of arrival and departure, signing Attendance Register regularly
- Working hours of many of the office staff, Principal, teachers had to be extended too long from 10 a.m. to 9 p.m.
- Conducting frequent meetings to upgrade the teachers' performance after College hours and within next impact of negative behavior pattern of a few teachers as well as non-teaching staff

The resources required to implement this method are follows:

- Requirement of more funds to implement this method successfully
- Technology Enabled Teaching aids
- Requirement of efficient HR Expert
- Requirement of efficient administrative staffs (specially data recorder)
- Appointment of more qualified teachers

### **Best practice II:**

#### 1. **Title of the Practice: Students' Feedback**

#### 2. **Goal:**

Barrackpore Rastraguru Surendranath College has planned to sustain new programmes. Accordingly to enhanced quality it wants to know about the requirements of the students for their all-round development. To satisfy this goal, the institution developed its own system of inviting feedback from the students on various aspects of the college with the support of the teachers' council. The underlying principle behind the feedback system is that the past and present results are the best guide in taking the decisions in the right perspective.

#### 3. **Context:**

The knowledge about the role, relevance and success of various policy measures for quality assurance & enhancement were the main contextual features and issues which are to be addressed by designing & implementing an effective feedback system. For the policy decisions to be successful, the institution had to create favourable environment. In its context, the institution depends more on feedback system and initiates these proposals since 2001.

#### 4. **The Practice:**

The Institution has devised & implemented Feedback regarding environment of the college on such aspects as:

- ❖ College
- ❖ Curriculum
- ❖ Class Room Interaction
- ❖ Laboratory
- ❖ Examination
- ❖ Library
- ❖ College Office
- ❖ Extracurricular activities



- ❖ Administration
- ❖ Canteen, Common Room & Sanitary system
- ❖ Strengths & Weaknesses of the Department
- ❖ Suggestions for development of the college
- ❖ Expectation of the students from filled up Feedback form
- ❖ Objective Impression about the teachers of the Dept.

The college devised its own bilingual (Bengali & English) students' Feedback format giving observations on Academic, Administrative, Extracurricular activities. This feedback provides an opportunity to the students for giving their observations and suggestions for further developments & better results. The students can mention the strengths & weaknesses of the Departments as provided in the Feedback format. The students provide suggestions for development of the college. Teacher wise specific impressions are given by the students on objective basis.

#### **5. Evidence of Success:**

After receiving the filled up feedback forms, IQAC analyses the feedback of the students. The strengths & weakness of the Departments and the college have been recorded. Also, the suggestions from the students are noted. Accordingly, the institution takes measures and strategies for quality assurance & enhancement. Departmental Library has been functioning & Library hours have been extended beyond the normal hours for PG students. Laboratory space has been extended. More teachers & non-teaching staffs have been appointed as per the suggestion of students. Different outreach activities have also been undertaken. Girls' Hostel has been constructed & land for Boys' Hostel has been purchased. Some PG Depts. in MCB, CMS & Commerce have been opened on autonomous basis. Thus the system of feedback have proved to be largely successful. This, we think, is a sound technique to prepare the balance sheet of the institution.

#### **6. Problems Encountered and Resources Required:**

Initially, the students did not understand the rationale behind filling up the feedback form. Initially, some of the students had psychological fear and they were reluctant and hesitant to fill up the feedback form properly. Later, learning the problem we convened meetings with the students. The Principal and other teaching staff took attempts to apprise to the students the rationale behind filling up the feedback form. Also, the college administration made it compulsory for the students to fill up the feedback forms; lest the students of the final year would not be allowed to fill up the forms for their University examinations.

#### **7. Contact Details:**

- Name of the Principal: Dr. Ajoy Kumar Mukherjee
- Name of the Institution: Barrackpore Rastraguru Surendranath College
- City: Barrackpore Pin Code: 700120
- Accredited Status: Grade B with 2.83
- Work Phone: (033) 25920603 Fax: (033) 25945270
- Website: www.brsnc.org E-mail: brsc1953@gmail.com
- Mobile: 9433002637



## Post Accreditation Activities

### New Initiatives as per recommendations:

After reaccreditation in the second cycle, the institution has directed its activities in such a way as to contribute to National Development, Foster Global Competence and inculcate a strong value system as per core values of the NAAC. In its Quest for Excellence, the teaching learning system was modified promoting the use of ICT in classroom teaching, giving training to students for collaborative, interactive & independent learning and augmenting the infra-structure to support the same. During presentation of Self Study Report in connection with the post-accreditation activities of Barrackpore Rastraguru Surendranath College, Barrackpore, 24 Parganas (North), West Bengal in the third cycle, we like to highlight the **quality sustenance and enhancement measures undertaken during last four years** as follows:

Firstly the college has made successful attempt to act as per recommendations of the peer team for quality enhancement of the Institution.

Efforts were pursued to start short term programmes in cutting edge areas: Three courses were initiated in the UGC funded **Career oriented Courses** 1) **COSS**; 2) **CAAT**; 3) **FTM**. The college has started these courses from 2012-13 session and new attempts have been made for the approval of the said courses from the State Council of Labour Welfare, Govt. of West Bengal.

The college has made a cordial attempt to explore the research potential of the faculty. **As recommended by Peer members**, during last four and half years college has organized 69 (National/ State/ Departmental) seminars and workshops of which 14 are UGC funded, two funded by DST and rest funded by college. During this period the research potential are as follows:

Faculty members completed Ph.D	13
Faculty members registered for Ph.D	34
Faculty members awarded FDP of UGC for Ph.D	02
Faculty members with college MRP	06
Faculty members with MRP from UGC fund	28
Faculty members with Major project	01
Publication in National/ State level	181
Publication in International level	57

The College has initiated and extended the consultancy service through

- i) Organization of Workshop for different teacher members of Physics, Chemistry and Mathematics of the locality for support service in new syllabus for XII level;
- ii) Organization of INSPIRE programme funded by DST, Govt of India for the **local bright XI science** students in 2011 & 2012 for their motivation to science learning.
- iii) College is also extending its **consultancy service for the Training programme** in the entry level of service as per requisition of the Govt of West Bengal.

The ICT thrust in Teaching and Learning has been strengthened by extending the facilities to a good extent. **20 class rooms in the science campus and 6 rooms in the Arts and Commerce campus** are equipped with the LCD, laptop/desktop, internet connection, etc. to promote ICT learning. Students and teachers are using these facilities. Moreover, **NPTEL and, other Open Source Study materials** are used for the purpose.



It has already mentioned above that adequate thrust has been given to the Faculty Development Scheme. College has taken initiative to develop clearly stated Learning Outcome for its autonomous PG courses and introduced latest pedagogy through introduction of CBCS and semester system for curriculum. The course content of all the courses/ programmes have been revised considering the needs of the society during the last four years.

It is to be noted here that the large volume of the faculty members who got appointment by the management to run the college smoothly, were duly approved by the Govt. of West Bengal w.e.f from January 2011. The Govt. took financial liability of the salary of these teachers up to 60 years. The Govt. of West Bengal has also taken financial responsibility of a section of class basis teachers upgrading their remuneration and their services extended up to 60 years and their nomenclature has been changed to Part time teacher.

A further set of management appointed contractual teaching staff (both Whole time and Class basis) were appointed as per guideline of the Govt. and University to minimize the shortfall of the teachers in the newly opened programmes. These teachers are paid as per the Govt. scale.

For management appointed contractual non-teaching staff, college governing body has extended and made provision for different facilities like a scale nearly to the Ropa and inclusion of special allowance, House rent, and Medical allowance, Gratuity, etc. at par with the state Govt.

College has explored the use of alternative source of energy resources. A local survey in this regard shows gloomy experience. However, college has finally made arrangement for security illumination through solar energy. Besides, existing energy consuming tube lights, Sodium Lamps, and fans are replaced with energy saving tubes, CFL, and fans with lower consumption to initiate Green audit.

The infrastructure of the college has increased to a good extent.

- ◆ A piece of land is about to purchase from the local municipality
- ◆ Physical infrastructure has been enhanced from **125000 sq. ft. to 160000 sq. ft.**
- ◆ College has built up one Vertical Rail (Lift) for physically Disabled Students and ramps in strategic location
- ◆ College has built up one Virtual Class Room (AC), one Exhibition Room (AC) and Two Seminar Halls (AC)
- ◆ Girls' Hostel facilities have been extended up to three stories with an increase of accommodation from 18 to 60
- ◆ Development of the **WI-FI enabled** campus
- ◆ Development of **Central Instrument Laboratory and More research centres**
- ◆ Arrangement of separate office space for each department [as recommended by Peer members](#)
- ◆ Institution has a structured mechanism for career guidance and placement of the students under the [supervision of a fulltime Placement Officer as recommended by Peer members](#). A good number of students are selected in different jobs through on-campus and off-campus basis

Efforts have been made for resource mobilization. As the college is a Govt aided college, it has least scope for direct resource mobilization and it follows the rate of fees as prescribed by the West Bengal State Council of Higher Education. However



attempts were made to receive funds from UGC, DBT, DST, MPLADS and MLA BEUP for development works of the college in addition to college fund.

- College is the **2<sup>nd</sup> highest fund receiver from the UGC** amongst the colleges in West Bengal
- College has received **Rs. 50 lacs from DST FIST 0 Level**
- College has enhanced its collection of fees from the students from Rs. 24738203 in 2009 to Rs. 30326051 in 2013 i.e. a hike of ~ 25%
- Management Information System has been extended through webmail for better communication [as per the earlier suggestions of NAAC Peer Team](#)

We have described in the SSR for reaccreditation that college has a structured budget and the peer members recommended for the introduction of the departmental budget. College Governing body has given [due importance to the recommendation](#) and started allocating to departmental budget from the next session i.e. 2010. Departments are operated through the financial budget mainly for recurring purpose. For developmental expenditure, planning is made as per the availability of the fund.

Institution has taken initiative to expedite implementation of INFLIBNET in May 2010 and our membership in INFLIBNET is amongst the beginners of the state. Moreover, the use of the INFLIBNET by the faculty members and students are praiseworthy. College remains one of the best users amongst the best few colleges in the Country.

College has strived to introduce more programmes and professional courses during last four years and partially successful in this attempt. Besides, college has taken initiatives to start a National Stock Exchange (NSE) supported course and expecting opening up of the course shortly. Other courses introduced during the four and half years:

B.Sc. Honours course in Zoology	Zoology	2009
Botany as a subject in B.Sc. courses.	Botany	2009
M.Sc. Geography	Geography	2009
Computer Literacy Programme (CLP)	Centre for Career Development	2009
M.Sc. Food & Nutrition	Food & Nutrition	2010
B.A. General in subject Physical Education	Physical Education	2012
Career Oriented Soft Skill (COSS) (UGC Add-On Course)	Centre for Career Development	2012
Computer Aided Accounting and Taxation (CAAT) (UGC Add-On Course)	Centre for Career Development	2012
Foreign Trade Management with Logistics and e-Commerce (FTM) (UGC Add-On Course)	Centre for Career Development	2012
B.A. General in subject URDU	Urdu	2013

A good number of faculty members are now received [permission to act as research guide and more research centres have been formed](#). One Ph.D. scholar has worked in the laboratory for the submission of his thesis. [Another two faculties are now guiding their scholars in the campus](#). A number of M.Phil scholars have also worked in the campus and awarded. Since our present affiliating university is in its nascent stage, college is awaiting to receive full permission for the Ph.D. and M.Phil programme from this University.



It is to be mentioned here that no course on Performing Arts is yet offered by the University. College will open the same as and when it will be available.

### **Quality Sustenance:**

The Performance table (2.6.2b) prepared as per the data received from the university authority for UG result of different colleges in 2011 clearly shows that **the college is at the top position amongst the other leading colleges under the affiliating university**. Moreover, success rate of our students at the university examination is nearly hundred percent (95-98%). Besides, the number of first class holders (22.31%-2013; 30.77%-2012; 34.31%-2011) and rank holders (30% -41%) amongst the top 10 positions in the university also indicate the quality sustenance of the institution.

All the autonomous PG courses run successfully for all these years. Success rate in all the subjects is almost 100%. Thus the PG results also give an excellent picture of sustenance.

A good number of students of the college are getting success in the NET/ SET/ GATE and other state level entrance examinations, TET/ SSC etc. measure the quality sustenance and show the successful learning outcome of the courses.

The College maintains a **strict disciplinary approach** towards visual pollution and controls successfully the posters / writings on the inner as well as outer walls of the college. The stakeholders of the college collectively maintain it.

The college holds a number of best practices. Even though the college has quite a good number of healthy practices, two of them, '**Performance Appraisal of Teachers**' and '**Students' Feedback**' deserve special mention which also indicate the scale of quality sustenance.

There is a growing need for educational institutions to become more accountable to the needs of the students and the society. For **quality sustenance**, weightage is given to the following items:

- Construction of more Built up Area to minimize the insufficiency in term of student strength
- Arrangement for Better Laboratory and Library Infrastructure, Books etc.
- Extension of huge **ICT facility** for development of teaching and learning
- Development Programme for extended Research facilities, extension of more college funded MRP projects and seed money for project and research works
- Provision for more Student Welfare Fund
- Provision for Sufficient Student Aid Fund
- Provision for a Corpus for Maintenance of the Modern Equipment
- Provision for sufficient **college Maintenance Fund**
- Provision for sufficient **Sports and games Fund**
- Provision for fund For Staff Welfare e.g. EPF , Medical allowances, Gratuity Fund for management appointed staff
- Sincere efforts for Good House Keeping by the NSS and college authority
- Organization of Blood Donation camp and other awareness programme by NSS in regular interval
- Optimal utilization of the Infrastructure
- Expansion of sport coaching in the developed college ground,
- Improved Canteen and Sanitary facilities
- Extension services of the Women Development Cell in different fields like awareness orientation to prevent Breast Carcinoma and to promote concept of adoption of child by the teaching and non-teaching staff and demand of **extension of mothers' adoption leave**
- Services of the Sexual Harassment Redressal Cell to sensitize the issue amongst different stakeholders as per Vishaka guidelines;
- Motivation to Teaching, Non-teaching staffs and the students connected with NCC to raise Uttarakhand Relief Fund



- Regular training, participation in camps and prestigious National/State level parades by NCC cadets;
- Regular coaching, practice for better achievement in sports and games. A good number of students participated in the All India University Meet and State Level Meet in sports like Football, Cricket, Swimming, Khokho, Athletics etc.
- To widen the placement activities by appointing a full time placement officer.
- Strengthening of the Co and Extracurricular activities.

Besides the recommendations of the NAAC Peer Team and routine sustenance the following initiatives have been taken by the college during last four years:

- The College has enhanced the number of college funded MRP from 6 to 10 and presently it has approved six MRPs to teachers.
- As the affiliating university approved some teachers to act as research guide, college has initiated few research scholarships of Rs. 10,000/- to 12,000/- per month with a contingency grant of Rs.50,000/- to Rs. 1,00,000/- per annum to promote Ph.D. work with the support of scholars.
- To encourage **e-learning**, college library has now extended the access of **WI-FI facility** to the **financially backward students** through lending of **Tablet Computer**
- The College management has appointed few more teachers (both fulltime & class basis) as per the students' feedback report.
- College appointed fulltime teachers are receiving salary and other facilities at par with the Govt. aided contractual teachers
- On the basis of standard format to evaluate the departments, **Peer Review System of the departments** has been introduced & maintained as **academic audit as well as the quality enhancement measure**
- ICT & Other tools have been deployed to maximize the access to the library collections through:
  - Online Public Access System
  - Green Stone Digital Library
  - Computer Based Retrieval of information.
  - Institutional Repository, Reprography, Scanning, Laser Printing etc.
- Formation of a corpus fund of Rs. 2 crores, interest of which will be utilized for the maintenance of the sophisticated instruments received from DST, DBT, UGC fund etc. Presently, Rs. 40 lakhs have been deposited in the corpus.
- Regular and time bound measures for maintenance of equipment/instruments by the institution.
- Publication of peer Reviewed Journal "Journal of Business & Economic Issues" bi-annually since 2009.

Thus, with the active participation of IQAC, quality sustenance and all-round quality enhancement measures have been undertaken during the last four years. **IQAC has submitted four Annual Quality Assurance Reports in time after second cycle of accreditation** to the NAAC office. Moreover, the institution is only the second college in the state participating third cycle of accreditation maintaining all prerequisites.

## Evaluative Report of Department of Chemistry

<b>1. Name of the Department</b>		<b>Chemistry</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: C/450/112 dt. 25.08.1970 Honours: C/1326/112 dt 15.11.1990 G.O. No. B85-Edn(CS) dt.19.09.199089</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	<b>B. Sc Honours B Sc General</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		MCB, FNT		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/ programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Professors <sup>^</sup>	1	1
		Asst. Professors (Substantive)	4	3
		Asst. Professors (Contractual Govt. aided)		
		Asst. Professors (Management Appointee)		
		Part time (Govt. aided)		
<sup>^</sup> Sanctioned as per personal promotion scheme.		Part time (Management Appointee)	2	2
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualificatio</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Dr. Gunomoni Saha</b>	M.Sc, Ph.D	Asst. Professor & Head	<b>Nuclear and Analytical Chemistry</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	11 years	-		
<b>Dr. Ajoy Kr. Mukherjee</b>	M.Sc, Ph.D	Principal	<b>Organic Chemistry</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	34 Years	-		
<b>Dr. Anjusri Dhara</b>	M.Sc, Ph.D	Associate Professor	<b>Organic Chemistry</b>	
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>		
	16 Years	-		

<b>Dr. Niloy Kar Chowdhury</b>	M.Sc, Ph.D	Assistant Professor	<b>Organic Chemistry</b>		
No of years of Experience		<b>No. of PhD Students guided for the last 4</b>			
15 Years		-			
<b>Sri Rajat Kr Saw</b>	M.Sc	Assistant Professor	<b>Physical</b>		
No of years of Experience		<b>No. of PhD Students guided for the last 4</b>			
6 Years		-			
<b>Sri Ram Ch. Dey</b>	M.Sc	Part time	<b>Physical Chemistry</b>		
No of years of Experience		<b>No. of PhD Students guided for the last 4</b>			
3 Years		-			
<b>Dr. Sudeshna Kar</b>	M.Sc; Ph.D	Part time	<b>Physical Chemistry</b>		
No of years of Experience		<b>No. of PhD Students guided for the last 4 years</b>			
3 Years		-			
<b>11. List of senior visiting faculty</b>		-			
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
<b>Temporary faculty</b>	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
<b>Lectures delivered and practical classes handled</b>	25	25	25	25	
<b>13. Student Teacher Ratio (programme wise)</b>		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>200-10</b>
<b>UG(Hons)</b>		1:13	1:12	1:13	1:14
<b>14. Number of academic support staff (technical) and administrative staff</b>		3			
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 5 PG - 2			
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		National: 1; UGC-MRP Rs. 1,00,000/-			
<b>17. Departmental projects funded by DST- FIST; DBT, ICSSR, etc. and grants received</b>		<b>Funding Agency</b>	<b>Amount Sanctioned</b>		
<b>18. Research Centre/Facility recognized by the University</b>		-			
<b>19. Publications :</b>					
a) Publication per faculty					
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students					
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)					
d) Monographs					

e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index														
Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l	
Dr.Gunomoni Saha	5		5	5					31				4	
Dr. Niloy Kar Chowdhury	-								75	7				
Sri Ram Ch. Dey	2		2	2										
<b>20. Areas of Consultancy and Income Generated</b>														
Nil														
<b>21.Faculty as members in</b>														
<b>a)National committees b)International Committees c)Editorial Boards..</b>														
<b>National Committees</b>														
Nil														
<b>International Committees</b>														
Nil														
<b>Editorial Boards</b>														
Nil														
<b>22. Student projects</b>														
<b>a)Percentage of students who have done in-house projects including</b>														
Nil														
<b>Inter departmental/programme</b>														
<b>b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies</b>														
Nil														
<b>23. Awards/ Recognitions received by faculty and students</b>														
1. Student Ranked 1 <sup>st</sup> at M.Sc -2013 (WBSU): Nazia Kaswar 2. Student awarded DST- Inspire Research Fellowship: Nazia Kaswar 3. Student Ranked at B.Sc (Hons) -2011 (WBSU): Atashi Mitra (7 <sup>th</sup> ), Chanda Paul (10 <sup>th</sup> )														
<b>24.List of eminent academicians and scientists/ visitors to the department</b>														
<b>Dignitary</b>														
<b>Status</b>														
Prof. Sanjib Bagchi														
Professor, Chemical science Division, IISER, Kolkata														
Dr. Jahur Alam Mondal														
Scientist-E, Radiation and Photochemistry Division, BARC, Mumbai-85														
Dr Chandrakanta Banerjee														
Associate Prof. RKMVC college, Kolkata														
Dr. Mukut Chakraborty														
HOD, Dept. of Chemistry, WBSU														
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>														
<b>Prof. Sanjib Bagchi; Dr. Jahur Alam Mondal; Dr Chandrakanta Banerjee;            Dr. Mukut Chakraborty; Prof. Somnath Ghosh, Jadavpur University</b>														
<b>26.Student profile programme/course wise: Chemistry Honours</b>														
<b>Year</b>	<b>Applications received</b>	<b>Admitted</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>								
	UG	UG	UG		UG									
			M	F										
<b>2013-14</b>	524	35	Result will be publish in June 2014											
<b>2012-13</b>	616	35	11	10	95.24	<b>10</b>								

<b>2011-12</b>	501	35	11	13	100	<b>15</b>	
<b>2010-11</b>	766	35	05	18	95.65	<b>13</b>	
<b>2009-10</b>	557	35	07	14	100	<b>03</b>	
<b>27.Diversity of Students</b>		<b>Students from the State</b>		<b>Students from other</b>	<b>Students from other countries</b>		
		100%		-	-		
<b>28.How many students have cleared national and state competitive examinations such as JAM, NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>	
<b>JAM</b>	<b>NET</b>	<b>JAM</b>	<b>NET</b>	<b>JAM</b>	<b>NET</b>	<b>JAM</b>	<b>NET</b>
5	2	8	1	8	2	5	2
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		68	84	91	<b>86</b>		
<b>PG to MPhil</b>		-	-	-	-		
<b>PG to PhD</b>		2	1	2	<b>2</b>		
<b>PhD to Post Doctoral</b>		-	-	-	-		
<b>Employed</b>							
<b>Campus selection</b>		1	1	2	-		
<b>Other than campus</b>		-	-	-	-		
<b>Entrepreneurship/Self-employment</b>		-	-	-	-		
<b>30.Details of Infrastructural facilities</b>							
<b>Lecture Halls with ICT facility: 1</b> <b>Computer systems with printers and accessories: 6</b> <b>Internet connectivity: available</b>							
<b>Departmental Library: books – 238 , Journals -2</b> <b>E-data Base: e-books &amp; e-journals through N_LIST INFLIBNET Consortium</b> <b>Digital courseware: Physical Chemistry, Inorganic Chemistry, Organic Chemistry</b> <b>UG, core &amp; complementary Labs:5;</b>							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>							
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>				
<b>2012-13</b>	10	-	<b>04</b>				
<b>2011-12</b>	14	-	<b>04</b>				
<b>2010-11</b>	2	-	<b>02</b>				
<b>2009-10</b>	15	-	<b>03</b>				
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
<b>2 Invited Talks during 2009-2013, 2 external experts</b>							

<b>33. Teaching methods adopted to improve student learning:</b>	
<p>ICT enable teaching with main emphasis on chalk and Talk method is adopted. Since the no of students is manageable they enjoy access for personal doubt clearing opportunities through tutor- ward system.</p> <p>Special supports are given by the teacher for national level exam, like JAM, other PG Entrance exam for various University of National Repute.</p> <p>Seminar Presentation by faculty &amp; Students [ Collaborative &amp; Interactive learning]</p> <p>Exhaustive Practical sessions, Remedial coaching;</p> <p>Wall magazine preparation; Teachers Day celebration</p>	
<b>34. Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<p>Workshops arranged for High school and Higher Secondary students sponsored by DST INSPIRE and Science Fair (Funded by Government of West Bengal)</p> <p>Compulsory Social service scheme by nominating in NSS.</p>	
<b>35. SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	Academic ambiance motivates the students for need based learning. Regular personal monitoring with consultation with the parents through regular Parent – Teacher – Students meeting helps the department to achieve relationship beyond campus.
<b>Weakness</b>	Teacher – Student ratio is the thrust area of concern. Efforts have been made to appoint management appointed teachers to increase the ratio.
<b>Opportunities</b>	The department has planned to extend its academic support to the local school students to motivate them for opting higher education in basic sciences to fulfill the goal of Central Government.
<b>Challenges</b>	Price of Lab equipments and consumables are ever increasing. But to charge the amount from the students is beyond the vision of the institution.
<b>Future Plan</b>	Increase of more lab space; Introduction of Semi-micro Technique in Inorganic Analysis; Introduction of Green method in the laboratory management

<b>1. Name of the Department</b>	<b>Computer Science</b>		
<b>2. Year of Establishment</b>	Date of Affiliation with G.O. NO. & DATE: Pass: C/1195/112 dt. 26.10.1995 Honours: C/773/112 dt 28.08.1996 G.O. No. 284-Edn(CS) dt.16.04.1998 P.G.: 1960 dt. 19.07.2005		
<b>3. Names of Programmes /Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>	UG	B.Sc. Hons & Gen (Affiliated to WBSU)	
	PG	M.Sc. in Computer Science (Autonomous)	
<b>4. Names of Interdisciplinary courses</b>	Nil		
<b>5. Annual/ Semester/choice based credit system (programme wise)</b>	UG	Annual	
	PG	Semester with CBCS	
<b>6. Participation of the department in the courses offered by other departments</b>	Supports in the teaching within the curriculum of the Departments Microbiology & Business Administration		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>	Nil		
<b>8. Details of courses/programmes</b>	Nil		
<b>9. Number of teaching posts sanctioned and filled</b>		Sanctioned	Filled
	Professors	Nil	-
	Associate Professors	Nil	-
	Asst. Professors	2	2
	Asst. Professors (Contractual Govt. aided)	5	5
	Asst. Professors (Management Appointee)	1	1
	Part time (Govt. aided)	Nil	Nil
	Part time (Management Appointee)	1	1
<b>10. Faculty Profile</b>			
Name	Qualification	Designation	Specialization
<b>Dr. Ishita De</b>	M.Tech., Ph.D.	Asst. Professor & Chairperson PG Course	Image Processing
No. of Years of Experience	No. of PhD Students guided for the last 4 years		
14	-		
<b>Sri Anirban Chakraborty</b>	MCA., M. Phil,	Asst. Professor & HOD UG	GIS

	No. of Years of Experience	No. of PhD Students guided for the last 4 years				
	11	-				
<b>Sri Debi Prasad Bhattacharya</b>	M.Sc., M.E.	Asst. Professor (Contractual Govt. aided)		Advanced search techniques		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	6	-				
<b>Sri Subhajt Guha</b>	M.Sc., M. Tech.	Convener PG Course & Asst. Professor (Contractual Govt. aided)		Combinatorial Algorithms, Graph Theory		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	6	-				
<b>Smt. Tumpa Chakraborty</b>	M.Sc.	Asst. Professor (Contractual Govt. aided)		C r y p t o g r a p h y		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	5	-				
<b>Sri Sukalyan Som</b>	M.C.A	Asst. Professor (Contractual Govt. aided)		Cryptography, Steganography, Image and Video Quality assessment: Watermarking		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	7	-				
<b>Smt. Purabi Chowdhury</b>	M.Sc.	Asst. Professor (Contractual Govt. aided)		Microprocessor		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	3	-				
<b>Smt. Mitra Tithi Dey</b>	M.Sc.	Asst. Professor (Management Appointee)		Data Structures		
	No of years of Experience	No. of PhD Students guided for the last 4 years				
	3	-				
<b>11. List of senior visiting faculty</b>		Dr. Amitava Chanda, Ex-faculty, ISI, Kolkata		Dr. G. N. Saha, Ex-Director, NATMO		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>						
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
<b>Practical classes handled (UG &amp; PG) :</b>		NIL				
<b>Classes handled (UG &amp; PG)</b>		UG : 3 PG : 30	UG : 5 PG : 33	UG : 10 PG : 35	UG: 10 PG : 38	
<b>13. Student Teacher Ratio (programme wise)</b>			<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
	UG		8:1	9:1	10:1	10:1
	PG		6:1	7:1	6:1	6:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		2				

<b>15. Qualifications of teaching faculty with DSc /D.Litt /Ph.D /MPhil /PG</b>	Ph.D. – 1 M.Phil. – 1 M.Tech. – 2 M.Sc./M.C.A. – 4												
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	a) <b>National: No. faculty: 3 Rs. :3.31 lacks UGC</b> b) <b>International: Nil</b>												
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	Funding Agency						Amount Sanctioned						
	DST-FIST (for PG)						7 lakh						
<b>18. Research centre/Facility recognized by the University</b>	01, <b>Dr. Ishita De</b> has initiated her activity to function as research guide												
<b>19. Publications :</b>													
a) <b>Publication per faculty (including conference and journal publications)</b>													
b) <b>Number of papers published in <i>peer reviewed journals</i> (b1.national / b2.international) by faculty and students</b>													
c) <b>Number of publications listed in International Database (For Eg: Web of Science, DBLP, Academics Journal Database, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>													
d) <b>Monographs</b>													
e) <b>Chapter in Books</b>													
f) <b>Books Edited</b>													
g) <b>Books with ISBN/ISSN numbers with details of publishers</b>													
h) <b>Citation Index</b>													
i) <b>SNIP</b>													
j) <b>SJR</b>													
k) <b>Impact factor</b>													
l) <b>h-index</b>													
Faculty	A	b1	b2	c	d	e	f	g	H	i	j	k	l
Dr. Ishita De	6		3	3				1					
Sri Anirban Chakraborty	6		1	2									
Sri Debi Prasad Bhattacharya	1		1										
Sri Subhajit Guha	2		1	1								1.341	
Smt. Tumpa Chakraborty													
Sri Sukalyan Som	12		6	4								1.9 IMAV 0.8 IJCA	
Smt. Mitra Tithi Dey	1		1	1									
<b>20. Areas of Consultancy and Income Generated</b>	Nil												
<b>21. Faculty as members in</b>													
a) <b>National committees b) International Committees c) Editorial Boards..</b>													
<b>National Committees</b>	Nil												
<b>International Committees</b>	Nil												

<b>Editorial Boards</b>	Nil	
<b>22. Student projects</b> a) Percentage of students who have done in-house projects including inter departmental/programme b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/other agencies	a) UG: 100% PG: 80% b) UG: 0% PG: 20%	
<b>23.Awards/ Recognitions received by faculty and students</b>		
Md Ekramul Hossain 1 <sup>st</sup> Rank Holder (CU) in 2010; Ranjit Ghosh 1 <sup>st</sup> Rank Holder(WBSU) in 2011; Sonali Mukherjee 1 <sup>st</sup> Rank Holder (WBSU) in 2012; Pallavi Roy 2 <sup>nd</sup> Rank Holder (WBSU) in 2013 & other Rank Holders within Top 10 recognized by University - 17		
<b>24. List of eminent academicians and scientists/ visitors to the department</b>		
<b>Dignitary</b>	<b>Status</b>	
Prof. Nandini Mukhopadhyay Dr. S. Niyogi	Dept. of CSE, Jadavpur University	
Prof. Ashoke Ranjan Thakur	Vice-Chancellor, Techno India University	
Prof. S. Bandyopadhyaya Prof. D. D. Sinha Prof. D. Roy Chowdhury	Dr. R. K. Pal Dr. S. Choudhury Sri K. N. Dey Dr. N. Chaki Sri. S. Setua	University of Calcutta
Prof. Bimal Roy Prof. B. P. Sinha Prof. D. P. Mukherjee	Prof. Subhas Nandy Prof. Nabanita Das Prof. Susmita Surkoley	Indian Statistical Institute, Kolkata
Prof. J. K. Mandal	Dept. of Computer Science and Engineering, University of Kalyani	
Prof. P. Dutta	Visva Bharati	
Prof. Abhijit Sanyal	SINP, Kolkata	
Prof. S. K. Basu	Banaras Hindu University	
Prof. S. Shakya	Tribhuvan University, Nepal	
Prof. P. K. Jana	ISM Dhanbad	
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>		
	<b>Event &amp; Date</b>	<b>Funding Agency</b>
<b>State level Workshop</b>	GIS & Remote Sensing, 12-13 March 2010	College
<b>National Symposium</b>	Emerging trends in Computer Science, 20-21 January 2011	UGC
<b>State level Workshop</b>	Open Source technology, 10 & 12 August 2013	College
<b>26.Student profile programme/course wise Computer Science Honours &amp; M.Sc. in Computer Science</b>		

Year	Applications received		Admitted		Appeared at the Final Examination				Pass percentage	No. of 1 <sup>st</sup> Class	Pass percentage	No. of 1 <sup>st</sup> Class
	UG	PG	UG	PG	UG		PG					
					M	F	M	F				
2013-14	266	148	35	35	Result will be publish in June 2014							
2012-13	271	134	35	35	14	13	17	11	100	17	100	28
2011-12	270	154	35	35	10	13	12	17	96	16	100	29
2010-11	337	181	35	30	09	16	13	11	100	17	100	24
2009-10	250	170	35	30	10	17	12	14	100	12	100	25
<b>27. Diversity of Students</b>				<b>Students from the State</b>		<b>Students from other States</b>		<b>Students from other countries</b>				
				97%				3% (Bangladesh)				
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>												
<b>2012-13</b>			<b>2011-12</b>			<b>2010-11</b>			<b>2009-10</b>		<b>2008-2009</b>	
NET: 01			NET: 02			NET: Nil			NET: 1		NET: 2	
GATE: 01			GATE: 04			GATE: 02			GATE: 03		GATE: 05	
<b>29. Student progression</b>												
<b>Student Progression</b>				<b>Against % enrolled</b>								
				<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	<b>2008-2009</b>				
<b>UG to PG</b>				90	95	80	85	98				
<b>PG to M.Phil. /M.Tech.</b>					20	7	8	3				
<b>PG to Ph.D.</b>							3	3				
<b>PhD to Post Doctoral</b>				Nil								
<b>Employed</b>												
<b>Campus selection</b>				-	-	-	1					
<b>Other than campus</b>				5	2	4	10					
<b>Entrepreneurship/Self- employment</b>						3	5					
<b>30. Details of Infrastructural facilities</b>												

Lecture Halls with ICT facility: 2

Computer systems with printers and accessories:

Equipment	Number		
Hardware		Software	
Desktop Computer	50+	Windows 7	5 User
Laptop Computer	2	Ms-Office	5 User
Printer ( laser jet )	2	Visual Studio 2008	5 User
Scanner	2	Oracle 10g	5 User
LCD Projector	3		
Projection Screen	1		
Object Viewer	1		

Internet connectivity: available

Departmental Library: books – 97

Digital courseware: NPTEL videos for teaching aid

Research, PG, UG, core & complementary Labs: 5

31.Number of students receiving financial assistance from college, university, government or other agencies:

Period	College	University	Government or other agencies
2012-13	03	-	-
2011-12	03	-	1
2010-11	02	-	-
2009-10	01	-	-

### 32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts

- 1 National Symposium- One (2011)
- 2 State level workshop- Two (2010, 2013)
- 3 Invited Talks – Two (2011, 2012);
- 4 Departmental Seminar – As per UG & PG Curriculum during 2009-2012

### 33. Teaching methods adopted to improve student learning:

Independent learning: Individual Seminar, Software assignment

Interactive learning: Quiz, Debate, Viva-voce

Collaborative learning: Hardware assignment, Group seminar, Design work, Dissertation work, Project work

Learner centered IT oriented teaching methodology with stress on assignments

Self learning and appropriate testing systems

Outreach programme, seminars, Assignments & Projects

Practical sessions, Remedial coaching

Workshops, debates, walk-in-quiz, wall magazine

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Workshops arranged for High school and Higher Secondary students, Compulsory Social Service Scheme, NCC

### 35. SWOC analysis of the department and Future plans

<b>Strengths</b>	<ul style="list-style-type: none"> <li>➤ The department gets the first preference among the local students who want to study B.Sc. Computer Science Hons and M.Sc. Computer Science.</li> <li>➤ Average B.Sc. Hons and M.Sc. results of the departmental students are good.</li> <li>➤ Departmental teachers constantly upgrade/enrich themselves by doing active research and/or by pursuing higher degree.</li> <li>➤ The department is in regular interaction with eminent faculties of other institutes of national /international repute.</li> <li>➤ The department conducts special coaching for all India examinations (NET/GATE) by eminent faculties of other institutes of higher learning.</li> <li>➤ Alumni of the department are well placed in industry/ academics/public sector enterprises and the departmental teachers are in regular interaction with them.</li> <li>➤ The department conducts seminar and workshops regularly.</li> <li>➤ There is a good team spirit among the faculties of the department.</li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>➤ Shortage of sanctioned faculty post from State Govt.</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>➤ The students of this department are getting a huge amount of recruitment opportunity in various software industries.</li> <li>➤ This subject is offered not only in various degree colleges, but also almost all the engineering colleges offers this subject to their students, which enables our departmental passed out students to get the job opportunity in academic fields.</li> <li>➤ The department motivates the students in research areas, which enables the students to get opportunity to join as research personnel in various leading institutions.</li> </ul>
<b>Challenge</b>	<ul style="list-style-type: none"> <li>➤ To introduce Ph.D. Programme</li> <li>➤ To make publication with ISSN number of the department</li> </ul>

## Evaluative Report of Department of Economics

<b>1. Name of the Department</b>		<b>Economics</b>	
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> <b>Pass: C/2836/42 dt 24.06.1957</b> <b>Honours: C/1195/112 dt. 26.10.1995</b> <b>G.O. No. 284-Edn(CS) dt 16.04.1998</b>	
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	<b>B Sc Honours</b> <b>B Sc General (Economics as subject)</b>
<b>4. Names of Interdisciplinary courses and departments involved</b>		<b>BBA( Hons), M Com, B Com, FNTM</b>	
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		<b>Annual</b>	
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Faculty members teach Managerial Economics in M.Com class, Statistics in M.Sc in Food and Nutrition class, Economic Principles and Planning in B.Com class</b>	
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		<b>Nil</b>	
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		<b>Nil</b>	
<b>9. Number of teaching posts sanctioned</b>			<b>Sanctioned</b>
			<b>Filled</b>
		Professors	Nil
		Associate Professors	02
		Asst. Professors	02
		Asst. Professors (Contractual Govt. aided)	01
		Asst. Professors (Management Appointee)	-
		Part time (Govt. aided)	01
		Part time (Management Appointee)	
<i>^As per personal promotion Scheme</i>			
<b>10. Faculty Profile</b>			
<b>Na</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
<b>Dr. Chandrasekhar Mukherjee</b>	M.A., M.Phil, Ph.D.	Associate Professor & HOD	Statistics and Econometrics
	No. of Years of Experience	<b>No. of PhD / M.Phil Students guided for the last 4</b>	
	32 Years	<b>1</b>	
<b>Dr Anjan Majumder</b>	M.A., M.Phil, Ph.D.	Associate Professor	<b>Econometrics and agricultural Economics</b>
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	

	31 years		-		
<b>Sri Debaprasad Sarkar (On FDP)</b>	M.Sc.	Asst. Professors (Substantive)	<b>International Economics</b>		
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>			
	8 years	-			
<b>Sri Rupam Mukherjee</b>	M.Sc., M.Phil	Asst. Professors (Contractual Govt. aided)	<b>International Economics</b>		
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	10 years	-			
<b>Smt. Moumita Das</b>	M.Sc.	Part time (Govt. aided)	<b>Mathematical Economics</b>		
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	5 years				
<b>Sri Uttam Halder</b>	M.A., M.Phil	Asst Professor [in FDP vacancy]	<b>International Trade</b>		
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	9 years	-			
<b>11. List of senior visiting faculty</b>					
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
lectures delivered and practical classes handled		<b>0</b>			
<b>13. Student Teacher Ratio (programme wise)</b>		<b>UG</b>			
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
		<b>12:1</b>	<b>15:1</b>	<b>13:1</b>	<b>13:1</b>
<b>14. Number of academic support staff (technical) and administrative staff</b>	<b>N.A (For computer maintenance AMC and College system manager providing support &amp; for Seminar support service from the technical heads)</b>				
<b>15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG</b>	<b>Ph.D.- 2 (two with M. Phil as well) M.Phil-2 PG-2</b>				
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	<i>Sl. No.</i>	<i>Name of faculty</i>	<i>Title of Project</i>	<i>Amount Sanctioned</i>	<i>Funding Agency</i>
	1	<b>Sri Rupam Mukherjee</b> , Asst. Professors (Contractual Govt. aided)	The impact of Crop Insurance.	1, 42, 500/- F.PSW- 117/10-11 dt. 21.10.10	<b>UGC</b>
	2	<b>Sri Debaprasad Sarkar</b> , Assistant Professor	Inter-linkage among Principal Indicators..		<b>UGC FDP</b>

<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	Funding Agency		<b>Amount Sanctioned</b>										
	UGC		<b>Nil</b>										
	DST-FIST		<b>Nil</b>										
<b>18. Research Centre/Facility recognized by the University</b>	<b>Nil</b>												
<b>19. Publications :</b>													
a) Publication per faculty													
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students													
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)													
d) Monographs													
e) Chapter in Books													
f) Books Edited													
g) Books with ISBN/ISSN numbers with details of publishers													
h) Citation Index													
i) SNIP													
j) SJR													
k) Impact factor													
l) h-index													
<b>Faculty</b>	<b>A</b>	<b>b1</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
Sri Debaprasad Sarkar	4	2						2					
Sri Rupam Mukherjee	1	1											
Sri Uttam Halder	2	2											
Smt. Moumita Das	1												
<b>20. Areas of Consultancy and Income Generated</b>													
<b>Through project work with the students</b>													
<b>21. Faculty as members in</b>													
<b>a) National committees b) International Committees c) Editorial Boards..</b>													
<b>National committees</b>	Nil												
<b>International Committees</b>	Nil												
<b>Editorial Boards</b>	2(AM,UH) Dr. C.S. Mukherjee Acted as empanelled Reviewer of "The journal of Business and Economics Issues"												
<b>22. Student projects</b>	<b>a) Percentage of students who have done in-house projects including</b>			<b>100%(3<sup>rd</sup> year)</b>									

inter departmental/programme b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies					Four students are engaged in internship project conducted by SBI	
<b>23.Awards/ Recognitions received by faculty and students</b>						
Camellia Sadhukhan 1 <sup>st</sup> Rank Holder + 5 others Rank Holder in 2013; Arunima Sikdar 1 <sup>st</sup> + 5 others Rank Holder in 2012; Swati Roy 1 <sup>st</sup> Rank Holder + 7 other Rank Holder in 2011						
<b>24.List of eminent academicians and scientists/ visitors to the department</b>						
<b>Dignitary</b>			<b>Status</b>			
1. Prof. Koushik Gupta			VC West Bengal State University			
2. Soumyen Sikdar			Professor of Economics ( IIM, Kolkata)			
3. Tarun Kabiraj			Professor of Economics (ISI, Kolkata)			
4. Madhusudan Dutta			Professor of Economics (K.U, Kolkata)			
5. Parikshit Ghosh			Associate Professor of Economics (Delhi school of Economics)			
6. Sujay Chakraborty			Associate Professor of Economics (JNU)			
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>						
		<b>Event &amp; Date</b>			<b>Funding Agency</b>	
<b>National Seminar</b>		Advances in Theoretical & Empirical Economics with Applications to India 7 <sup>th</sup> September 2013			UGC	
<b>26.Student profile programme/course wise</b>						
<b>Year</b>	<b>Applications received</b>	<b>Admitted</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>
	<b>UG</b>	<b>UG</b>	<b>UG</b>		<b>UG</b>	
			<b>M</b>	<b>F</b>		
<b>2013-14</b>	63	32	<b>Result will be published in June 2014</b>			
<b>2012-13</b>	48	32	03	14	71	05
<b>2011-12</b>	45	32	07	21	96	07
<b>2010-11</b>	50	32	05	13	100	08
<b>2009-10</b>	63	32	05	17	72	0
<b>27.Diversity of Students</b>		<b>Students from the</b>	<b>Students from other States</b>		<b>Students from other countries</b>	
		100%	-		-	
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>						
<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>		<b>2009-10</b>		
Technical Staff in Police Dept. -01	Banking Sector -03 IT – 01			01 acted as Financial Analyst in Genpact, an IT company. 01 acted as Faculty members in Kirormal College, New Delhi Banking -01		

<b>29.Student progression</b>					
<b>Student Progression</b>	<b>Against % enrolled</b>				
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
<b>UG to PG</b>	80	73	67	60	
<b>PG to M.Phil.</b>			-		
<b>PG to PhD</b>		-	-		
<b>PhD to Post Doctoral</b>			01	01	
<b>Employed</b>					
<b>Campus selection</b>	-	-	-		
<b>Other than campus</b>					
<b>Entrepreneurship/Self-employment</b>		02		02	
<b>30.Details of Infrastructural facilities</b>					
<b>Lecture Halls with ICT facility: 01</b>					
<b>Computer systems with printers and accessories: 04</b>					
<b>Internet connectivity: available with WIFI</b>					
<b>Software Available: SPSS Ver. 21.0 (10 user)</b>					
<b>Departmental Library: Books – 325, Journals -1(EPW)</b>					
<b>E-data Base: e-books :</b>					
<b>Digital courseware:</b>					
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>					
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>		
<b>2012-13</b>	08		01		
<b>2011-12</b>	16	-	03		
<b>2010-11</b>	22	-	01		
<b>2009-10</b>	10	-	01		
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>					
<b>1 National Seminars (2013), 6 external experts</b>					
<b>2 Invited Talks during 2009-2013, 2 external experts</b>					
<b>33.Teaching methods adopted to improve student learning:</b>					
<b>Chalk and talk</b>					
<b>ICT based teaching and learning</b>					
<b>Participation of seminar organized by other universities</b>					
<b>Tutorial classes and Remedial class;</b>					
<b>Interactive learning, Independent learning</b>					

<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<b>Four students of the Department of Economics undertook Summer Internship projects conducted by State Bank of India, Kolkata and worked on project ‘ Unexplored Areas of Agricultural</b>	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	<ul style="list-style-type: none"> <li>• Cordial relation between Teachers and students</li> <li>• Percentage of classes taken by the faculty members is around 90%of the class allotted</li> <li>• Teachers take extra classes beyond the scheduled time for slow learners</li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>• Shortage of sanctioned faculty post from State Govt.</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>• Participation of Teachers in seminars workshop and conferences</li> <li>• Creative thinking of students in the preparation of project, wall magazine, performance in Teachers day celebration</li> <li>• Availability of ICT based teaching and learning</li> </ul>
<b>Challenges</b>	<ul style="list-style-type: none"> <li>• Survey and project based teaching be widened</li> <li>• Special coaching be initiated for out going students seeking admission in different post graduate courses</li> <li>• To organize seminars and workshop in cutting edge areas such as Econometrics.</li> </ul>
<b>Future Plan</b>	<ul style="list-style-type: none"> <li>• Special thrust will be given for preparation of e-content</li> <li>• Preparing the students for project conducted by external agencies (SBI, NSSO).</li> </ul>

## Evaluative Report of Department of Electronic Science

<b>1. Name of the Department</b>		<b>Electronic Science</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: C/773/112 dt. 28.08.1996 Honours: C/138/113 dt 20.01.1998 G.O. No. 832-Edn(CS) dt.28.06.2002		
<b>3. Names of Programmes/Courses Offered (UG, PG, M.Phil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B Sc Honours (Affiliated to WBSU)	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Nil		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors <sup>^</sup>	01	01
		Asst. Professors (Substantive)	02	0
		Asst. Professors (Contractual Govt. aided)	01	01
		Asst. Professors (Management Appointee)		
		Part time (Govt. aided)	-	-
<sup>^</sup> Sanctioned as per personal promotion scheme.		Part time (Management Appointee)	01	01
<b>10. Faculty Profile</b>				
<b>Name</b>		<b>Qualificatio</b>	<b>Designation</b>	<b>Specialization</b>
<b>Sri Gautam Chaudhuri</b>		M.Sc.	Associate Professor & HOD	Radio Physics & Electronics
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
21 years		-		
<b>Sri Sandip Dey</b>		M.Sc. M.Phil	Asst. Professors (Contractual Govt. aided)	Solid State Physics
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
7 years		-		

<b>Sri Mithun Kumar Bhowal</b>	M.Sc.	Part time (Management Appointee)											
No of years of Experience		No. of PhD Students guided for the last 4 years											
3		-											
<b>11. List of senior visiting faculty</b>		NIL											
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>													
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>								
Lectures delivered and practical classes handled		20	20	20	20								
<b>13. Student Teacher Ratio (programme wise)</b>			UG										
		2012-13	2011-12	2010-11	2009-10								
		13:1	18:1	20:1	19:1								
<b>14. Number of academic support staff (technical) and administrative staff</b>			One support staff										
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>			M.Phil -1 PG-2 PG- 1(guest)										
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>			Nil										
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>			Funding Agency		Amount Sanctioned								
			Nil										
<b>18. Research Centre/Facility recognized by the University</b>			Nil										
<b>19. Publications :</b>													
a) Publication per faculty													
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students													
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)													
d) Monographs													
e) Chapter in Books													
f) Books Edited													
g) Books with ISBN/ISSN numbers with details of publishers													
h) Citation Index													
i) SNIP													
j) SJR													
k) Impact factor													
l) h-index													
Facult	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Nil													
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													

<b>21.Faculty as members in</b> a)National committees b)International Committees c)Editorial Boards..							
<b>National committees</b>				Nil			
<b>International Committees</b>				Nil			
<b>Editorial Boards</b>				Nil			
<b>22.Student projects</b>						Nil	
a)Percentage of students who have done in-house projects including inter departmental/programme						Nil	
b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies						Nil	
<b>23.Awards/ Recognitions received by faculty and students</b>							
Sreeja Das 2 <sup>nd</sup> Rank Holder in 2013 (WBSU); Monali Sil 2 <sup>nd</sup> Rank Holder in 2012 (WBSU); Rajashree Misra 1 <sup>st</sup> Rank Holder in 2011 (WBSU); Sujata Ghosh 1 <sup>st</sup> Rank Holder in 2010 (CU) & other rank holder within top 10 in the University Examination 2010-2013- 12							
<b>24.List of eminent academicians and scientists/ visitors to the department</b>							
<b>Dignitary</b>				<b>Status</b>			
1)Dr. D Roychaudhury				Professor, Dept. of Electronic Sce.,C.U			
2)Dr. S. C. Chatterjee				Associate Professor(H.O.D), Dept. Of Electronic sce. C.U			
3)Dr.M. Mitra				Associate Professor (H.O.D) Dept. of Electronics and Telecommunication (BESU)			
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>							
		<b>Event &amp; Date</b>				<b>Funding Agency</b>	
Seminar		1)Dr. M. Mitra on Microwave , 2010 2) Dr. M Mitra & Dr. S. Chatterjee on application & job opportunities of Electronic science , 02/03/2012				1)College management 2) Do	
<b>26.Student profile programme/course wise</b>							
<b>Year</b>	<b>Applications received</b>		<b>Admitted</b>	<b>Appeared at the Final</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>
	UG		UG	UG		UG	
				M	F		
<b>2013-14</b>	73		30				
<b>2012-13</b>	116		30	08	04	83	<b>02</b>
<b>2011-12</b>	122		30	06	04	90	<b>01</b>
<b>2010-11</b>	131		30	05	07	100	<b>07</b>
<b>2009-10</b>	133		30	25		84	<b>10</b>
<b>27. Diversity of Students</b>		<b>Students from the State</b>		<b>Students from other States</b>		<b>Students from other countries</b>	
		100%		nil		nil	
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>	
JRF	NET	JRF	NET	JRF	NET	JRF	NET
0	0	0	0	0	1(L.S)	1	<b>0</b>

<b>29.Student progression</b>				
<b>Student Progression</b>	<b>Against % enrolled</b>			
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
<b>UG to PG</b>	90	100	95	90
<b>PG to MPhil</b>	0	0	0	0
<b>PG to PhD</b>	0	-	-	10
<b>PhD to Post Doctoral</b>				
<b>Employed</b>				
<b>Campus selection</b>	-	-	10	0
<b>Other than campus</b>	10	2	10	5
<b>Entrepreneurship/Self-employment</b>	0	0	0	0
<b>30.Details of Infrastructural facilities</b>				
Lecture Halls with ICT facility:01 Computer systems with printers and accessories:02 computer, 1 printer., 1 laptop Internet connectivity: available: with WI-FI connectivity				
Departmental Library: books – 268, Journals -0 E-data Base: e-books : 0 Digital courseware: nil				
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>				
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>	
<b>2012-13</b>	02		01	
<b>2011-12</b>	03	-	02	
<b>2010-11</b>	05	-	05	
<b>2009-10</b>	04	-		
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>				
Invited Talks during 2009-2013, 5 external experts are Dr. D Roychaudhury (CU), Dr. S. C. Chatterjee (CU), Dr.M. Mitra (BESU), Dr. D. K. Jana (HOD, CU), Dr. K.K. Chatterjee (JU)				
<b>33.Teaching methods adopted to improve student learning:</b>				
Conventional Chalk and talk ICT Based classes Practical session Virtual labs: 01 Practical sessions, Remedial coaching: 100% Wall magazine				
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>				
Workshops arranged for High school and Higher Secondary students : DST workshop Compulsory Social service scheme, NCC				
<b>35.SWOC analysis of the department and Future plans</b>				

<b>Strengths</b>	Good laboratory, Dedicated teachers, Clean power system to achieve partial energy audit, ICT just started, healthy team work
<b>Weakness</b>	Severely lacking substantive teachers duly selected from WBCSC
<b>Opportunities</b>	The department envisages a common facility workshop where the instruments of the Dept. of Electronics, Physics and Computer Science can be repaired and maintained and thereby providing job facility among the present and pass out students and outsiders.
<b>Challenges</b>	More emphasis should be given to research work

<b>1. Name of the Department</b>		<b>Food &amp; Nutrition</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Honours: C/831/112-Affl. dt. 17.05.06 <b>PG: Affiliation granted in EC Meeting of WBSU dated 13.08.08.</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>	UG	B Sc Honours		
	PG	M.Sc. in Food & Nutrition (Autonomous)		
<b>4. Names of Interdisciplinary courses and departments involved</b>		Chemistry, Microbiology, Statistics		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>	UG	Annual		
	PG	Semester with CBCS		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Microbiology		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors	Nil	-
		Asst. Professors	03	01
		Asst. Professors (Contractual Govt. aided)	03	03
		Asst. Professors (Management Appointee)	03	02
		Part time (Govt. aided)	-	-
		Part time (Management Appointee)	-	-
<b>10. Faculty Profile</b>				
name		Qualification	Designation	Specialization
<b>Smt. Susmita Roy</b>		M.Sc.	Coordinator PG Course; Asst. Professors Contractual Govt. aided	Food & Nutrition
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
7years		-		
<b>Smt. Ina Mukherjee</b>		B. Tech., M.Tech.	Convener PG Course; Asst. Professors Contractual Govt. aided	Food Technology
No. of Years of Experience		No. of PhD Students guided for the last 4 years		

	5years		-
<b>Smt. Rama Das</b>	M.Sc.NET(ICAR)	Asst. Professors (Substantive) & HOD UG Course	Food & Nutrition
	No of years of Experience	No. of PhD Students guided for the last 4 years	
	3years	-	
<b>Dr. Rakhi De (Sharma)</b>	M.Sc. Ph.D.	Asst. Professors Contractual Govt. aided	Human Physiology
	No of years of Experience	No. of PhD Students guided for the last 4 years	
	3years	-	
<b>Dr. Shruti Agarwal</b>	M.Sc. Ph.D.NET(UGC)	Asst. Professors Management Appointee	Nutrition & Dietetics
	No of years of Experience	No. of PhD Students guided for the last 4 years	
	2years	-	
<b>Dr. Sutripta Sarkar</b>	M.Sc. Ph.D.	Asst. Professors Management Appointee	Biochemistry
	No of years of Experience	No. of PhD Students guided for the last 4 years	
	2years	-	
<b>11. List of senior visiting faculty</b>		Dr. S.K. Bhattacharya (Central Dairy) Mr. Subhodeep Saha (Asst. Prof. Indian Institute of Hotel Management, Taratala, Kolkata)	
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>			
		<b>2012-13</b>	<b>2011-12</b>
		<b>2010-11</b>	<b>2009-10</b>
		0%	
<b>13. Student Teacher Ratio (programme wise)</b>			
		2012-13	2011-12
	UG	18:1	18:1
	PG	8:1	10:1
		2010-11	2009-10
		19:1	23:1
		5:1	-
<b>14. Number of academic support staff (technical) and administrative staff</b>		2	
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 3 PG-3	
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		UGC –MRP (1,55,000/-) UGC-MRP(1,83,000) UGC-MRP(1,82,000) UGC-MRP(1,39,000/-) UGC-MRP(1,92,000)	
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned
		DST-FIST (for PG)	39 lakh for Central Lab. For the use of Science PG Department

<b>18. Research Centre/Facility recognized by the University</b>	One -Research Centre formation is in Pipeline as some faculty members are initiating Ph.D guidance													
<b>19. Publications :</b>														
<ul style="list-style-type: none"> <li>a) Publication per faculty</li> <li>b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students</li> <li>c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</li> <li>d) Monographs</li> <li>e) Chapter in Books</li> <li>f) Books Edited</li> <li>g) Books with ISBN/ISSN numbers with details of publishers</li> <li>h) Citation Index</li> <li>i) SNIP</li> <li>j) SJR</li> <li>k) Impact factor</li> <li>l) h-index</li> </ul>														
Faculty	A	b1	b2	c	d	E	f	g	H	i	j	k	L	
Smt. Susmita Roy	5					3								
Smt. Ina Mukherjee	1		1											
Smt. Rama Das	1	1												
Dr. Rakhi De (Sharma)	12	4	8			2	1	1					50	
Dr. Shruti Agarwal	12	11	1			5	1	2					-	
Dr. Sutripta Sarkar	10	7	3	9		1	1	1					5.5	
<b>20. Areas of Consultancy and Income Generated</b>														
Nil														
<b>21. Faculty as members in</b>														
a) National committees b) International Committees c) Editorial Boards..														
<b>National committees</b>		Dr. Rakhi Dey Sharma (FASSI- team Leader)												
<b>International Committees</b>														
<b>Editorial Boards</b>														
<b>22. Student projects</b>														
a) Percentage of students who have done in-house projects including														
inter departmental/programme														
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies														
<b>23. Awards/ Recognitions received by faculty and students</b>														
Dr. Rakhi Dey Sharma (FASSI- team Leader)														
Jayashree Dutta 1 <sup>st</sup> Rank Holder & other 3 students within top 10 in University (WBSU) Exam 2013														
Monalisa Debnath 2 <sup>nd</sup> Rank Holder & other 5 Students within top 10 in University (WBSU) Exam 2012														
Juthi Saha 1 <sup>st</sup> Rank Holder & other 6 Students within top 10 in University (WBSU) Exam 2011														

<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>						<b>Status</b>							
Prof Asim Dutta Roy Dr. Sanjit Dey,						Professor, university of Oslo, Norway Associate Professor, University of Calcutta							
Prof Lalita Gouri Roy, Prof Madhavan Nair						Professor, Jadavpur University National Institute of Nutrition, Hyderabad							
Prof Suniti Ghosh Chatterjee, Prof Suwendu Bhattacharyya Prof Debnath Chaudhuri Dr. Sankar Acharyya						Ex-Prof. University of Calcutta CFTRI, Mysore AIHH&PH, Kolkata BCKV, Kalyani							
Prof Minati Sen, Prof Pallab Roy Dr Pratiti Ghosh						Ex-Prof. University of Calcutta PGI, Chandigarh West Bengal State University							
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>													
		<b>Event &amp; Date</b>						<b>Funding Agency</b>					
<b>National</b>		Recent Trends in Research of Nutrition science 22nd & 23rd February, 2012						UGC Funded					
		Nutrition Week Celebration in 2011 Nutrition Week celebration in 2012 including exhibition and special food fair Nutrition Week celebration including Quiz and Debate						College Funded					
<b>26. Student profile programme/course wise Food &amp; Nutrition Honours &amp; M.Sc. in Food &amp; Nutrition</b>													
<b>Year</b>	<b>Applications received</b>		<b>Admitted</b>		<b>Appeared at the Final Examination</b>				<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	
	UG	PG	UG	PG	UG		PG						
					M	F	M	F					
<b>2013-14</b>	157	123	30	30	Result will be publish in June 2014								
<b>2012-13</b>	192	112	30	25	02	27	01	24	96	16	88	22	
<b>2011-12</b>	216	129	30	25	05	28	01	23	100	15	100	24	
<b>2010-11</b>	237	151	30	25	02	19			95	18	-		
<b>2009-10</b>	216	157	30	25	02	28			100	21	-		
<b>27. Diversity of Students</b>				<b>Students from the State</b>				<b>Students from other States</b>				<b>Students from other countries</b>	
				98%				2%				-	
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>													
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>							
JRF	NET	JRF	NET	JRF	NET	JRF	NET	JRF	NET				

0	2	0	0	0	0	0	0
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		83	69	85	93		
<b>PG to MPhil</b>				-			
<b>PG to PhD</b>		nil	nil	nil	Nil		
<b>PhD to Post Doctoral</b>		nil					
<b>Employed</b>							
<b>Campus selection</b>		nil	1	17			
<b>Other than campus</b>							
<b>Entrepreneurship/Self-employment</b>							
<b>30.Details of Infrastructural facilities</b>							
Lecture Halls with ICT facility:2 Computer systems with printers and accessories:1printer,3computers and 2 laptops Internet connectivity: available							
Departmental Library: books – 116 E-data Base: e-books : nil Research, PG, UG, core & complementary Labs:6 Gemology Lab:1							
31.Number of students receiving financial assistance from college, university, government or other agencies:							
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>				
<b>2012-13</b>	14		05				
<b>2011-12</b>	14	-	08				
<b>2010-11</b>	13	-	02				
<b>2009-10</b>	17	-					
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
National Seminars ( 2012), 5 external experts 3 Invited Talks during 2010-2013, 3 external experts 5 Nutrition-Week Celebrations during 2010-2013							
<b>33.Teaching methods adopted to improve student learning:</b>							
Learner centered IT oriented teaching methodology with stress on assignments Self learning and appropriate testing systems Presentation by faculty & students, Outreach programme, seminars, Assignments &Projects Practical sessions, Remedial coaching Workshops, debates, walk-in-quiz, wall magazine							
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>							

<ul style="list-style-type: none"> <li>• Participation in the field work in the district of Darjeeling to collect the Nutrition status as well as awareness programme</li> </ul>	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	University recognized Research centre with two research supervisors DST-FIST Sponsored Department. UGC Sponsored Add-on course To Complete six minor projects To Conduct three national seminars To inculcate Good team spirit among faculty members Project and Lab oriented curriculum both UG & PG Level
<b>Weakness</b>	Shortage of sanctioned faculty post from State Govt.
<b>Opportunities</b>	Utilization of the Central Instrumental facilities by the Students; Effective project for the benefit of the society; Utilization of the laboratories for research & Social Responsibility
<b>Challenges</b>	Introduction of the Ph.D. programme by the faculty members with funding from DBT, DST, CSIR, INSPIRE, UGC etc.

<b>1. Name of the Department</b>		<b>Geography</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> <b>Pass: C/148/112 dt 02.02.1999</b> <b>Honours: C/148/112 dt 02.02.1999</b> <b>G.O.No. 755-Edn(CS) dt 20.6.2002</b> <b>P.G: From July 2009-10 session(WBSU)</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	<b>B Sc Honours (Affiliated to WBSU)</b>	
		PG	<b>M.Sc. in Geography (Autonomous)</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		UG	<b>Annual</b>	
		PG	<b>Semester with CBCS</b>	
<b>6. Participation of the department in the courses offered by other departments</b>		Nil		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Professors	Nil	-
		Asst. Professors (Substantive)	03	03
		Asst. Professors (Contractual Govt. aided)	02	02
		Asst. Professors (Management Appointee)	02	02
		Part time (Govt. aided)	-	-
		Part time (Management Appointee)	-	-
<b>10. Faculty Profile</b>				
<b>Name</b>		<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
<b>Dr. Indira Samajder (Gangopadhyay)</b>		M.Sc. Ph.D.	Assistant Professor and Head, Chairperson PG Course	Cartography
	<b>No. of Years of Experience</b>	<b>No. of PhD Students guided for the last 4 years</b>		
	13 years	-		
<b>Name</b>		<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
<b>Dr. Sutapa Saha</b>		M.Sc. Ph.D.	Assistant Professor and convener , PG	Environmental Geography

	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	10 years	-		
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Smt. Satarupa Dey Neogi</b>	M.Sc.	Coordinator UG Course; Contractual Govt. aided	Population & Welfare Geography	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	5 years	-		
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Sri. Pijus Kanti Mondal</b>	M.Sc.	Assistant Professor; PG Exam Coordinator	Population & Welfare Geography	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	3 years 8 months	-		
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Dr. Suman De (Sen)</b>	M.Sc Ph.D, PG Dip on Ecology and Environment, PG Dip on Remote Sensing &GIS	Contractual Govt. aided	Fluvial Geomorphology	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	3 year and 7 months	-		
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Smt. Subhra Saha</b>	M.Sc	Management Appointment	Population Geography	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	3 Years	-		
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Smt. Pinki Mandal</b>	M.Sc., P.G Dip in Geoinformatics	Management Appointment	Advanced Cartography	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	2 years 3 months	-		
<b>11. List of senior visiting faculties taking class regularly</b>		<b>Prof. S.C.Mukhopadhyay, Prof. Saroj Kr. Pal Prof. Asish Sarkar, Dr. Ajit Kumar Bera, Dr. Ajit Kumar Sil Dr. Swadesh Mitra Dr.Partha Basu, Dr. Kaustav Lahiri</b>		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	2012-13	2011-12	2010-11	<b>2009-10</b>
	<b>20%</b>			

<b>13. Student Teacher Ratio (programme wise)</b>		2012-13	2011-12	2010-11	2009-10
	UG	18:1	16:1	16:1	11:1
	PG	8:1	8:1	7:1	3:1
<b>14. Number of academic support staff (technical) and administrative staff</b>	2				
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>	<b>Ph.D.- 3 PG-4</b>				
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	<p>1. Smt. Indira Samajder Gangopadhyay, <i>Assistant Professor, Department of Geography</i>. Problems of Wetland Ecology of Nadia Districts with Special Reference to Northern Nadia of West Bengal, 45000/- PSW-116/06-07 Dt. 23.02.2007, UGC Minor + Ph.D. Work</p> <p>2. Dr. Suman De, <i>Assistant Professor, Dept. of Geography</i>, Applicants of Remote Sensing Technique for identification delineation &amp; Characterization of wastelands in lateritic terrain with special reference to gully eroded wasteland of Garhbeta 1 Block, Paschim Medinipur, W.B., India, Changing River Courses and Fluvio-geomorphological Evolution of the Moribend Deltaic Tract of Nabadwip, Nadia, West Bengal, 1,21,500/- F.PSW-117/10-11 dt. 20.10.10, 1,45,000/- 448 /13/MRP/Col./278 dt. 26.03.2013, UGC Minor , College Funded.</p> <p>3. Dr. Sutapa Saha UGC Minor research Project on “A systematic study of the water logging problems of Kolkata and their combat strategies’. Cost sanctioned Rs.102000.</p> <p>4. Smt. Satarupa Dey Neogi , <i>Assistant Professor, Dept. of Geography</i>- Characterization of Intra-district disparities in health sector of Nadia District, W.B,1,46,000/- F.PSW-107/12-13 dt 5.2.13, UGC Minor + Ph.D. Work</p>				
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	Funding Agency	<b>Amount Sanctioned</b>			
	NIL				
<b>18. Research Centre/Facility recognized by the University</b>	One -Research Centre formation is in Pipeline as some faculty members are initiating Ph.D guidance				

**19. Publications :**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (b1.national /b2.international) by faculty and students
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- d) Monographs
- e) Chapter in Books
- f) Books Edited
- g) Books with ISBN/ISSN numbers with details of publishers
- h) Citation Index
- i) SNIP
- j) SJR
- k) Impact factor
- l) h-index

Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Smt. Indira Samajder (Gangopadhyay)	05	05					01						
Smt. Sutapa Saha	05	04					01						
Smt. Satarupa Dey	05	04	01									0.8	
Sri. Pijus Kanti Mondal													
Smt. Suman De (Sen)	02	02											
Smt. Subhra Saha	04	04											
Smt. Pinki Mandal				01									

**20. Areas of Consultancy and Income Generated**

Nil

**21. Faculty as members in**

a) National committees b) International Committees c) Editorial Boards..

National committees	<p><b>Dr. Indira Samajder-1. Geographical Society of India</b>  <b>2. Institute of Landscaped, Ecology and Ekistics, Kolkata</b></p> <p><b>Dr. Sutapa Saha- 1. Indian Institute of Geographers</b>  <b>2. Himalaya Samiksha Parishad</b>  <b>3. Geographical Society of India</b>  <b>4. Indian Institute of Geomorphologist</b></p> <p><b>Smt. Satarupa Dey Neogi--1. Geographical Society of India</b>  <b>2. Indian Society of Spatial Science</b></p> <p><b>Dr. Suman De-1. Indian Institute of Geomorphologists (Executive Committee Member )</b></p> <p><b>Smt. Pinki Mandal-1. Foundation of Practising in Geography</b>  <b>2. National Association of Geographers India</b>  <b>3. Indian Society of Remote Sensing</b></p> <p><b>Smt. Subhra Saha-1. Geographical Society of India</b>  <b>2. Institute of Landscape, Ecology and Ekistics, Kolkata</b></p>
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<b>International Committees</b>	<b>Nil</b>	
<b>Editorial Boards</b>	<b>Satarupa Dey Neogi–Indian Journal of Spatial Science (Working Committee)</b>	
<b>22.Student projects</b>	<b>100% (PG)</b>	
<b>a)Percentage of students who have done in-house projects including inter departmental/programme</b>		
<b>b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies</b>	<b>Saptarshi Pal</b> <b>Batch 2010-11 in Department of science &amp; technology (West Bengal)</b> <b>Swagata Dutta</b> <b>Editor , Santra Publication</b> <b>Batch 2011-12</b>	
<b>23.Awards/ Recognitions received by faculty and students</b>		
<b>Nil</b>		
<b>24.List of eminent academicians and scientists/ visitors to the department</b>		
<b>Dignitary</b>	<b>Status</b>	
<b>Prof. Sunanda Bandopadhyay</b>	<b>Geomorphologist, Ex Head (C.U.)</b>	
<b>Dr. Kalyan Rudra</b>	<b>Member, Education commission, WB</b>	
<b>Prof. Swaraswati Raju</b>	<b>Prof. J.N.U.</b>	
<b>Dr. Amal Kar</b>	<b>Director , Senior Scientist, CAZRI</b>	
<b>Prof. Sabindra Singh</b>	<b>Prof. &amp; Ex Head Allahabad University</b>	
<b>Dr. Dhrubajyoti Ghosh</b>		
<b>Prof. Arun Bannerjee</b>	<b>Ex Dean of Arts, Jadavpur University</b>	
<b>Dr. Gopinath Saha</b>	<b>Ex. Director of NATMO</b>	
<b>Prof. C.R. Pathak</b>	<b>Prof. School of Planning, IIT Kharagpur</b>	
<b>Prof. R.N. Chatterjee</b>	<b>Prof. Department of Architecture and Regional Planning, IIT Kharagpur</b>	
<b>Prof. Sukla Bhaduri</b>	<b>Prof. &amp; Ex Head (C.U.)</b>	
<b>Dr. V.C. Jha</b>	<b>Director of National Atlas of Theamatic Mapping</b>	
<b>Prof. Guru Prasad Chattapadhyay</b>	<b>Viswabharati, President IGI</b>	
<b>Prof. N.C. Jana</b>	<b>Ex. Head,Dept. of Geography, Burdwan University</b>	
<b>Prof. Laxmi Shivaramakrisnan</b>	<b>Ex. Head,Dept. of Geography, Burdwan University</b>	
<b>Dr. Subhamita Choudhuri</b>	<b>Head ,WBSU</b>	
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>		
	<b>Event &amp; Date</b>	<b>Funding Agency</b>
<b>National</b>	1.UGC Sponsored National Seminar on Environmental Changes in Indian Sub continent-A Geographical Perspective held on 25 <sup>th</sup> & 26 <sup>th</sup> Nov. 2011 2. Training on Remote Sensing & GIS with PCI Geomatica Software	<b>UGC</b>
<b>26.Student profile programme/course wise Geography Honours &amp; M.Sc. in Geography</b>		

Year	Applications received		Admitted		Appeared at the Final Examination				Pass percentage	No. of 1 <sup>st</sup> Class	Pass percentage	No. of 1 <sup>st</sup> Class
	UG	PG	UG	PG	UG		PG					
					M	F	M	F				
<b>2013-14</b>	667	152	45	30	Result will be publish in June 2014							
<b>2012-13</b>	1194	133	45	30	11	25	12	17	100	0	100	29
<b>2011-12</b>	1021	154	45	30	08	20	10	14	100	0	100	24
<b>2010-11</b>	1158	181	45	30	14	21	06	19	100	05	100	25
<b>2009-10</b>	1561	219	45	30	08	27	-	-	97	0	-	
<b>27.Diversity of Students</b>	Students from the		Students from other States				<b>Students from other countries</b>					
	100%		-				-					
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>												
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>				<b>2009-10</b>				
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>		<b>NET</b>		<b>JRF</b>		<b>NET</b>		
-	3	-	2	-		-		-		-		
<b>29.Student progression</b>												
<b>Student Progression</b>				<b>Against % enrolled</b>								
				<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>		
<b>UG to PG</b>				52		54		40		49		
<b>PG to M.Phil.</b>				-		-		-		-		
<b>PG to PhD</b>				-		-		-		-		
<b>PhD to Post Doctoral</b>				-		-		-		-		
<b>Employed</b>												
<b>Campus selection</b>				-								
<b>Other than campus</b>						6%		8%		53%		
<b>Entrepreneurship/Self-employment</b>												
<b>30.Details of Infrastructural facilities</b>												
Lecture Halls with ICT facility:2												
Computer systems with printers and accessories:18 Computers,												
Laptops- 2(Department)+ 4 ( UGC Project)=6												
Printers-2(Department)+ 1 ( UGC Project)=3												
Scanner-1(Department)												
Internet connectivity: Wi-Fi available												
Software Available: Geomatica												

<b>Departmental Library: books – 141, Journals -</b> <b>E-data Base: e-books:</b> <b>Digital courseware:</b> <b>Research, PG, UG, core &amp; complementary Labs:6</b> <b>Gemology Lab:1</b>			
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>			
<b>Period</b>	<b>College</b>	<b>Means Fund</b>	<b>government or other agencies:</b>
2012-13	10	-	04
2011-12	16	1	05
2010-11	19	-	14
2009-10	25	1	02
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with External experts.</b>			
<b>1.Expeditions in Kumayan Himalayas,2011,Speaker,Mr.Subhomoy Ghosh, Mountaineer</b> <b>2. River Bank Erosion, 2012, Speaker, Prof.Sunondo Banerjee, University of Calcutta.</b> <b>3. Life and Environment of Sunderban, 2011 Speaker, Dr.Goutam Das, Worker on Marine Science.</b> <b>4. Delta of the River Bhagirathi and Brahmaputra,2013, Dr. Kalyan Rudra</b>			
<b>33.Teaching methods adopted to improve student learning:</b>			
<b>Learner centered IT oriented teaching methodology with stress on assignments</b> <b>Self learning and appropriate testing systems</b> <b>Virtual labs</b> <b>Interactive smart board used in classes</b> <b>Presentation by faculty &amp; students, mobile Labs to other institutions</b> <b>Outreach programme, seminars, Assignments &amp; Projects</b> <b>Practical sessions, Remedial coaching</b> <b>Workshops, debates, walk-in-quiz, wall magazine</b> <b>Dissertation based on specialization for Post Graduate students</b> <b>Field Work with Hands on experience in Instruments &amp; Equipments</b> <b>Generation of maps &amp; collection of data from field &amp; preparation of Survey report</b>			
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>			
<b>Dr. Indira Samajder &amp; Dr. Sutapa Saha participated as judges to assess the performance of students in District Science Fair for High School &amp; Higher Secondary Schools.</b>			
<b>35.SWOC analysis of the department and Future plans</b>			
<b>Strengths</b>	<b>1. DST-FIST Sponsored Department. UGC Sponsored Add-on course(NET, SET Training)</b> <b>2. Completed three minor projects, three on going project Conducted one national seminars,</b> <b>3. Adequate modern &amp; Instruments for applied Geography,</b> <b>4. Advanced Soil &amp; Water testing Lab, Remote Sensing &amp; GIS Lab with Cartographic Software like Geomatica &amp; 21st Century GIS</b>		

<b>Weakness</b>	<ol style="list-style-type: none"> <li>1. Shortage of classroom.</li> <li>2. Inadequacy of teachers.</li> <li>3. Shortage of books in departmental library.</li> <li>4. No. of enrollment too high at Honours level</li> </ol>
<b>Opportunities:</b>	<ol style="list-style-type: none"> <li>1. Hands in experience of good instruments.</li> <li>2. Training of Communicative English.</li> <li>3. Preparation for competitive examination.</li> <li>4. Scope for pursuing Post-Graduation</li> </ol>
<b>Challenges</b>	<ol style="list-style-type: none"> <li>1. Publication of Departmental Journal</li> <li>2. Release of Monographs and Working Papers</li> <li>3. Organizing an international seminar</li> </ol>
<b>Future Plan</b>	<ol style="list-style-type: none"> <li>1. To encourage PG students in collaborative inter disciplinary research work</li> <li>2. Departmental faculty to act as research guides in University</li> <li>3. To encourage the involvement of all departmental teachers in research activities</li> <li>4. Subscribe more e-journal both National &amp; International</li> <li>5. To encourage strong teacher-student interpersonal relations</li> <li>6. Good team sprit for the department</li> </ol>

## Evaluative Report of Department of Mathematics

<b>1. Name of the Department</b>		<b>Mathematics</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: C/450/112 dt. 25.08.1970 Honours: C/580/112 dt 15.03.1973		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B Sc Honours B Sc General (Mathematics as subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Involved with the Dept. of Commerce		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		B.COM, CMSA, MCBA, BBA		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		NIL		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		NIL		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors <sup>^</sup>	02	02
		Asst. Professors (Substantive)	03	01
		Asst. Professors (Contractual Govt. aided)		
		Asst. Professors (Management Appointee)	1	0
		Part time (Govt. aided)		
<sup>^</sup> Sanctioned as per personal promotion scheme.		Part time (Management Appointee)	02	01
<b>10. Faculty Profile</b>				
Name		Qualification	Designation	Specialization
<b>Dr. Bimal Kr. Ghosh</b>		M.Sc., Ph.D.	Associate Professor	Applied Mathematics
No. of Years of Experience:		No. of PhD Students guided for the last 4 years:		NIL
27		-		
<b>Dr.Srimanta Sinha Roy</b>		M.Sc., M.Phil, Ph.D.	Associate Professor	Pure Mathematics
No. of Years of Experience:		No. of PhD Students guided for the last 4 years:		NIL
17		-		

<b>Sri Dibyendu Ghosh</b>	M.Sc., M.Tech.	Assistant Professor & HOD	Applied Mathematics		
	No of years of Experience:	No. of PhD Students guided for the last 4 years: NIL			
	8	-			
	No of years of Experience:	No. of PhD Students guided for the last 4 years: NIL			
<b>Sri Shib Shankar Giri</b>	M.Sc	Part time (Management Appointee)	Applied Mathematics		
	No of years of Experience:	No. of PhD Students guided for the last 4 years: NIL			
	3	-			
<b>11. List of senior visiting faculty</b>		NIL			
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
		20 for UG.	6 for UG.	9 for UG.	13 for UG
<b>13. Student Teacher Ratio (programme wise)</b>		UG			
		2012-13	2011-12	2010-11	2009-10
		29:1	28:1	27:1	27:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		NIL			
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 2 M.Tech-1 PG-1			
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		NIL			
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned		
		NIL			
<b>18. Research Centre/Facility recognized by the University</b>		NIL			
<b>19. Publications :</b>					
a) Publication per faculty					
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students					
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)					
d) Monographs					

e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index													
Faculty	A	b1	b2	c	d	e	f	g	h	i	J	K	l
Sri Srimanta Sinha Roy								6					
<b>20. Areas of Consultancy and Income Generated : NIL</b>													
<b>21. Faculty as members in</b>													
<b>a) National committees b) International Committees c) Editorial Boards..</b>													
<b>National committees</b>								NIL					
<b>International Committees</b>								NIL					
<b>Editorial Boards</b>								Nil					
<b>23. Awards/ Recognitions received by faculty and students</b>													
Suranjana Deb 5 <sup>th</sup> Rank Holder; Parnali Saha 6 <sup>th</sup> Rank Holder in University (WBSU) Exam 2012 Debapi Banerjee 4 <sup>th</sup> Rank Holder; Tanmay Kundu 9 <sup>th</sup> Rank Holder in University (WBSU) Exam 2011 Priti Sharma 6 <sup>th</sup> Rank Holder; Tanmoy Chakraborty 9 <sup>th</sup> Rank Holder in University (CU) Exam 2010													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>								<b>Status</b>					
NIL													
<b>25. Seminars/ Conferences/ Workshops organized &amp; the source of funding</b>													
								<b>Event &amp; Date</b>				<b>Funding Agency</b>	
								NIL					
<b>26. Student profile programme/course wise: Mathematics Honours</b>													
Year	Applications received	Admitted	Enrolled		Passed Percentage	No. of 1 <sup>st</sup> Class							
			UG				UG						
	UG	UG	M	F									
<b>2013-14</b>	314	50	Result will be publish in June 2014										
<b>2012-13</b>	425	28	15	20	97.14	<b>10</b>							
<b>2011-12</b>	610	60	13	19	96.88	<b>13</b>							
<b>2010-11</b>	563	60	5	7	83.33	<b>07</b>							
<b>2009-10</b>	949	56	35		83	<b>10</b>							
<b>27. Diversity of Students</b>								<b>Students from the State</b>					
								100%					
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>													

2012-13		2011-12		2010-11		2009-10	
JRF	NET	JRF	NET	JRF	NET	JRF	NET
0	2	0	1	0	1	0	1
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		35%	58%	73%	74%		
<b>PG to MPhil</b>		-	-				
<b>PG to PhD</b>		-	-				
<b>PhD to Post Doctoral</b>		-					
<b>Employed</b>							
<b>Campus selection</b>		-	-				
<b>Other than campus</b>							
<b>Entrepreneurship/Self-employment</b>							
<b>30.Details of Infrastructural facilities</b>							
Lecture Halls with ICT facility:1 Computer systems with printers and accessories:8 Internet connectivity: available							
Departmental Library: books –325 Calculators: 33							
31.Number of students receiving financial assistance from college, university, government or other agencies:							
<b>Period</b>	<b>College</b>		<b>University</b>		<b>Government or other agencies</b>		
<b>2012-13</b>	06		2		03		
<b>2011-12</b>	18		-		10		
<b>2010-11</b>	10		-		04		
<b>2009-10</b>	14		-		01		
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
Department organizes “MANTHAN” program for outgoing 3 <sup>rd</sup> year students of this college and nearer colleges to guide this students for entrance test for different Central University and institutes.							
<b>33.Teaching methods adopted to improve student learning:</b>							
Learner centered IT oriented teaching methodology with stress on assignments. Interactive smart board and projector used in classes. Practical sessions, Remedial coaching. Workshops, debates, walk-in-quiz.							
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>							
NIL							

### 35.SWOC analysis of the department and Future plans

<b>Strength , Weakness,</b>	Completed two minor projects. Good team spirit among faculty.
<b>Opportunities,</b>	Already conducted “MANTHAN” for the year 2012-13.
<b>Challenges &amp; Future</b>	Willing to conduct a national seminar.
<b>Plan</b>	Willing to organize the “MANTHAN” in the years ahead in a much more improved and elaborate manner.
	Willing to organize a workshop on the revised curriculum (Higher Secondary).
	The Student Teacher Ratio is not up to the mark.
	Laboratory is not equipped with sufficient computers.
	Willing to open PG course in future.

## Evaluative Report of Department of Microbiology

<b>1. Name of the Department</b>		<b>Microbiology</b>	
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Honours: C/148/112 dt 02.02.1999 G.O. No. 1454-Edn(CS) dt.28.06.2002 P.G. : 2968 dt. 12.10.2004	
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>	UG	<b>B Sc Honours B.Sc. General (Microbiology as subject)</b>	
	PG	<b>M.Sc. in Microbiology (Autonomous)</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		<b>Chemistry, Statistics, Computer Science</b>	
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>	UG	<b>Annual</b>	
	PG	<b>Semester</b>	
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Supports in the teaching within the curriculum of the Department like Food &amp; Nutrition and Botany</b>	
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		<b>Nil</b>	
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		<b>Nil</b>	
<b>9. Number of teaching posts sanctioned and filled</b>		<b>Sanctioned</b>	<b>Filled</b>
	Professors	Nil	-
	Associate Professors	Nil	-
	Asst. Professors	06	<b>05</b>
	Asst. Professors (Contractual Govt. aided)	04	<b>04</b>
	Asst. Professors (Management Appointee)	Nil	<b>Nil</b>
	Part time (Govt. aided)	Nil	<b>Nil</b>
	Part time (Management Appointee)	Nil	<b>Nil</b>
<b>10. Faculty Profile</b>			
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
<b>Dr. Swati Roy</b>	M.Sc., Ph.D.	Assistant Professor & Chairperson PG Course	<b>Biophysics and Molecular Biology</b>
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	UG-10 yrs and 9 months, PG-9 Yr and 9 months.	<b>1</b>	

<b>Dr. Mou Banerjee</b>	M.Sc, PhD	Convener PG Course Asst Professor (Govt. Aided Contractual)	<b>Biochemistry</b>
	No.of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	3 years 7 months(UG+PG)	-	
<b>Sri Dipankar Majumder</b>	M.Sc.	Assistant Professor	<b>Microbiology</b>
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	8 yrs and months(UG+PG)	-	
<b>Smt. Sabiha Khan</b>	M.Sc. Ongoing Ph.D in Dept of Environmental Management, K.U	Asst. Professor & HOD UG	<b>Biochemistry &amp; Biophysics</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>	
	8 years 6 months(UG+PG)	-	
<b>Sri Arijit Chaudhuri</b>	M.Sc.	Asst. Professor	<b>Microbiology and biotechnology</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>	
	8 years 4 months(UG+PG)	-	
<b>Smt Poulami Mukhopadhyay</b>	M.Sc Ongoing Ph.D in Nanotechnology in the Dept of Biochemistry &Biophysics, K.U	Asst. Professor	<b>Microbiology</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>	
	6 years 7 months(UG+PG)	-	
<b>Dr. Tanusree Dutta</b>	M.Sc , Ph.D	Asst Professor (Govt. Aided Contractual)	<b>Biochemistry</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4</b>	
	9years(UG+PG)	-	
<b>Smt. Shaswati Nandi</b>	M.Sc	Asst Professor (Govt. Aided Contractual)	<b>Microbiology</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	5years(UG+PG)	-	

<b>Dr. Malini Basu</b>	M.Sc, Ph.D	Asst Professor (Govt. Aided Contractual)	<b>Microbiology</b>	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	5years	<b>1(ongoing)</b>		
<b>11. List of senior visiting faculty</b>	<b>Prof. Sujoy Kumar Dasgupta, Dept. of Microbiology, Bose Institute, Kolkata.</b> <b>Prof. Amiyansu Chatterjee (retired), Dept. of Botany, University of Calcutta.</b> <b>Dr. Subhas Kumar Bhattacharyya, Deputy Milk Commissioner &amp; Managing Director, Govt. of west Bengal (Retired)</b> <b>Prof. Subrata Majumder, Dept. of Microbiology, Bose Institute, Kolkata.</b> <b>Dr. Ambika Charan Banerjee, Corporate Advisor-R&amp;D East India Pharmaceutical Works Limited, Kolkata.</b> <b>Dr. Biman Kumar Mukherjee(retired)Department of Chemistry,Rahara Ramkrishna Mission College.</b>			
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
<b>Lectures delivered In PG-</b>	25%	25%	25%	<b>25%</b>
<b>13. Student Teacher Ratio (programme wise)</b>		<b>Session</b>	<b>UG</b>	<b>PG</b>
		2009-10	10:1	5:1
		2010-11	9:1	5:1
		2011-12	9:1	5:1
		2012-13	10:1	5:1
<b>14. Number of academic support staff (technical) and administrative staff</b>	<b>2</b>			
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>	<b>Ph.D.- 4 PG-5</b>			
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	<b>National-5</b>			
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>		
	DBT(W.B)	<b>Rs.1975850.00</b>		
<b>18. Research Centre/Facility recognized by the University</b>	<b>01, Some Faculty members functioning as Ph.D. guide in JU, WBSU</b>			

**19.Publications :**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (b1.national /b2.international) by faculty and students
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)
- d) Monographs
- e) Chapter in Books
- f) Books Edited
- g) Books with ISBN/ISSN numbers with details of publishers
- h) Citation Index
- i) SNIP
- j) SJR
- k) Impact factor
- l) h-index

Faculty	a	b1	b2	c	d	e	f	g	h	i	j	k	l
<b>Dr. Malini Basu</b>	9	4	5									2(5), 4 (NAAS)	
<b>Dr. Swati Roy Gangopadhyay</b>	4	2	2									-	

**20. Areas of Consultancy and Income Generated: Nil****21.Faculty as members in**

- a)National committees b)International Committees c)Editorial Boards..

<b>National committees</b>	N/A
<b>International Committees</b>	N/A
<b>Editorial Boards</b>	<b>One faculty member reviews paper in “Environmental Engineering and management Journal”.</b>

**22.Student projects**

- a)Percentage of students who have done in-house projects including

**In-house:**

32% [8 out of 25] (2009--2010); 18% [5 out of 28] (2010--2011); 50% [12 out of 24]

## inter departmental/programme

- b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies

**Outside the Institution:**

68 % (2009--2010); 82% (2010--2011); 50 % (2011--2012); 82% (2012--2013).

**23.Awards/ Recognitions received by faculty and students**

**National Seminar at St. Xavier’s College – Students (PG):** Ashmita Das received best speaker awards in Drug delivery by nanotechnology-Poster presentation; Avik chowdhury was positioned second in Dengue –The recent epidemic in Kolkata

Sonali Das 1<sup>st</sup> Rank Holder & Other 4 Students within top 10 in University (WBSU) Examination 2013

Sutapa Som Chaudhury 2<sup>nd</sup> Rank Holder in University (WBSU) Examination 2012

Piyali Ghosh 1<sup>st</sup> Rank Holder & other 4 Students within 10 in University (WBSU) Examination 2011

Rohit Kumar 9<sup>th</sup> Rank Holder in University (CU) Examination 2011

<b>24. List of eminent academicians and scientists/ visitors to the department</b>												
<b>Dignitary</b>				<b>Status</b>								
Prof. Asim Dutta Roy				Faculty of Medicine, University of Oslo, Norway								
Prof. Avijit Chakraborty				Dept. of Biophysics, SINP, Kolkata								
Prof. Samita Basu				Dept. of Chemical science, SINP, Kolkata								
Dr. Nabendu Chatterjee				Scientist, NICED, Kolkata								
Dr. Utpal Basu				Assistant Professor, Dept. of Biotechnology, KU								
Dr. Samir Mukherjee				Dept. of Microbiology, KU								
Dr. Tarakdas Basu				Dept. of Biochemistry and Biophysics, KU								
Dr. Anirban Mukherjee				Dept. of Zoology, CU								
Dr. Sunita Sengupta				Dept. Biophysics and Molecular Biology, CU								
Dr. Mahadev Pal				Scientist, Bose Institute, Kolkata								
Dr. Prasanta Bag,				Dept. of Biochemistry, CU								
Dr. Sanjoy Ghosh				Dept. of Biochemistry, CU								
Prof. Amiyanshu Chatterjee				Dept. of Botany, CU								
Prof. Arup Mukherjee				Dept. Dept. of Chemical Technology, CU								
Dr. Biswadeep Das				Dept. of Biotechnology, JU								
Dr. Sanjit De				Dept. of Physiology, CU								
Dr. Sreya Chatterjee				Dept. of Physiology, CU								
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>												
				<b>Event &amp; Date</b>				<b>Funding Agency</b>				
<b>National</b>				Recent Trends in Microbiological Research (RTMR-2010) 13th & 14th February, 2010				UGC				
<b>26. Student profile programme/course wise Microbiology Honours and M.Sc. in Microbiology</b>												
<b>Year</b>	<b>Applications received</b>		<b>Admitted</b>		<b>Appeared at the Final Examination</b>				<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>
	<b>UG</b>	<b>PG</b>	<b>UG</b>	<b>PG</b>	<b>UG</b>		<b>PG</b>					
					<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>				
<b>2013-14</b>	378	173	35	30	<b>Result will be publish in June 2014</b>							
<b>2012-13</b>	387	157	35	30	10	12	6	18	100	11	100	24
<b>2011-12</b>	495	180	35	30	05	18	8	18	96	17	100	24
<b>2010-11</b>	476	212	35	30	09	15	9	16	100	19	100	25
<b>2009-10</b>	445	209	35	30	26		9	14	100	03	100	23

<b>27. Diversity of Students (for UG)</b>	<b>Students from the State</b>	<b>Students from other States</b>	<b>Students from other countries</b>						
2009-10	33								
2010-11	32	01							
2011-12	33	01							
2012-13	31	01							
2013-14	56	01	01						
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>									
<b>2013</b>		<b>2012</b>		<b>2011</b>		<b>2010</b>		<b>2009</b>	
<b>GATE</b>	<b>NET</b>	<b>NET</b>	<b>GATE</b>	<b>NET</b>	<b>GATE</b>	<b>NET</b>	<b>GAT E</b>	<b>NET</b>	
<b>1</b>	<b>2</b>	<b>3</b>		<b>2</b>	<b>5</b>	<b>10</b>	<b>6</b>	<b>1</b>	
<b>29. Student progression</b>									
<b>Student Progression</b>			<b>Against % enrolled</b>						
			<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>
<b>UG to PG</b>			77		100		88		74
<b>PG to MPhil</b>			0		0		0		0
<b>PG to PhD</b>					4		6		2
<b>PhD to Post Doctoral</b>			-		-		-		-
<b>Employed</b>									
<b>Campus selection</b>			**		**				
<b>Other than campus</b>			-		**		1		3
<b>Entrepreneurship/Self-employment</b>			0		0		0		0
<b>30. Details of Infrastructural facilities</b>									
Lecture Halls with ICT facility:2 Computer systems with printers and accessories: total no. computers-7, 4computers with printer. Internet connectivity: available									
Departmental Library: books – 157 . E-data Base: e-books : Nearly -70. Internet Facilities for staff and students-4(2 for each category) Laboratories-7. Instruments(See instrument list)									
<b>31. Number of students receiving financial assistance from college, university, government or other agencies:</b>									
<b>Period</b>		<b>College</b>		<b>University</b>		<b>Government or other agencies</b>			
2012-13		05							
2011-12		02				2			
2010-11		01							
2009-10		08							
<b>32. Details on student enrichment programmes (special lectures/workshops / seminar)</b>									

<b>with external experts</b>	
<b>UGC sponsored National Symposium-2010:"Recent Trends in Microbiological Research"</b>	
<b>Departmental seminar for students:</b>	
<b>Prof. Asim Dutta Roy,.Topic:" Taking tomato to heart" , Faculty of Medicine, University of Oslo, Norway</b>	
<b>Dr.Sanjit Dey, Dept. of Physiology, CU</b>	
<b>Prof. Avijit Chakraborty , Dept. of Biophysics, SINP, Kolkata:" Spectroscopy"</b>	
<b>Prof. Samita Basu, Dept. of Chemical science, SINP, Kolkata:"Fluorescence"</b>	
<b>Seminar on 22/01/2013</b>	
<b>Saha Institute of nuclear physics</b>	
<b>Topic: Fluorescence</b>	<b>Kolkata</b>
<b>Given a seminar on 19/04/2011</b>	<b>Kolkata</b>
<b>33. Teaching methods adopted to improve student learning:</b>	
<b>Self learning and appropriate testing systems</b>	
<b>Virtual labs, Paper Presentations,</b>	
<b>Outreach programme, seminars, Assignments &amp;Projects</b>	
<b>Practical sessions, Remedial coaching</b>	
<b>Workshops, departmental seminars, wall magazine.</b>	
<b>34. Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<b>Health Seminars, and Awareness Programmes for Thallassaemia Detection in several primary and secondary schools by the teachers. Participation of students in Microbial Testings of Municipality Water. Participation of students in demonstration and hands-on experiments in DST inspired Programme for the local school students.</b>	
<b>Participation of students in poster competition, oral presentation in various colleges</b>	
<b>35.SWOT analysis of the department and Future plans</b>	
<b>Strengths</b>	<p>Good Infrastructure and well equipped Laboratory.</p> <p>Independent and Interactive learning method</p> <p>One major project.</p> <p>Six minor projects.</p> <p>Conducted one national symposium.</p> <p>Healthy association between Department and different Research Institutes of National reputes.</p> <p>Good team spirit.</p> <p>Industry visit</p>
<b>Weakness</b>	<p>Enhanced ICT classes for UG students are required, thus a specific room can be allotted with ICT facilities for taking those classes</p> <p>Poor internet facility</p> <p>Lack of UGC sanctioned interdisciplinary courses</p>

<b>Opportunities</b>	<p>We, the teachers have the opportunities to interact with the resourceful persons (Member of PG BOS) of various domains in the field of Biology Science right on Campus to discuss the thrust area both in teaching and research. Good infrastructure regarding equipments to carry out research work within the department.</p> <p>Laboratories with well equipped and sophisticated instruments.</p> <p>Latest edition of Books and Journals of National and International repute in Departmental Library.</p> <p>Summer projects at several reputed research institute in and around Kolkata as well as out site the West Bengal</p> <p>Exposure to fulltime research in various domains by attending the lectures given by Prominent Scientist.</p>
<b>Challenges</b>	<p>The teachers of the department are not able to denote quality time for research work as they are preoccupied with both academic and administrative work within the college hours</p> <p>Abrupt power cuts disturb the execution of the experiment work at least during some particular period of the year. A stable power supply shall help to solve the above mentioned problem</p>
<b>Future Plan</b>	<p>Teaching Learning –innovative practices can be done by arranging more classes for online special lectures through NPTEL &amp; other e-resources</p> <p>Emphasis on collaborative learning in a more detailed manner in both UG &amp; PG level</p> <p>Arrangement of Special lectures on specific topics form specialized area of biological science for preparing the students for different national level and competitive exam like NET, GATE, GRE etc.</p> <p>Establishment of more national and international linkages with different research institute</p> <p>Promotion of research activities at Ph.D. level</p> <p>Hands on training to the students with the sophisticated instruments like FTIR, Fluorometer, FPLC etc.</p> <p>Department has already initiated to establish some linkage with several industries informally &amp; emphasis will be given to tie up with these industries with the career development cell</p> <p>Industrial visit to several industries outside Kolkata region to be arrange for UG students</p>

<p><b>Other Information</b></p>	<p><b>Some Alumni of the Department:</b></p> <ol style="list-style-type: none"> <li>1. Samik Bagchi, Post Doctorate Fellow at Kaust Official, Saudi Arabia</li> <li>2. Sanchalika Achariya, Research Associate, Duke -Nus Graduate School, Singapore.</li> <li>3. Sourav Ray, Associate projects, Cognizant Technology Solution, Overseas cooperation, Saudi Arabia</li> <li>4. Alope Ghosh, Microbiology, Post Doctorate Fellow, Texas A and M University</li> <li>5. Anindya Ghosh, Doing PhD at universite' de Montreal, Canada</li> <li>6. Debjani pal, Graduate student in Miami University, USA</li> <li>7. Avik Dutta, State University of New York, USA.</li> <li>8. Diptiman Choudhury, Post Doctorate Fellow, Dept of medicine, Cedars Sinai Medical Centre, Los Angeles, USA.</li> <li>9. Paramita Sarbadhikari, SRF Raja Ramanna Centre for Advanced Technology (RRCAT), Indore</li> <li>10. Saheli Banerjee, Project fellow J.B.Roy State Ayurvedic College and Hospital, Kolkata.</li> <li>11. Diganta Dey QSC (TECH) JR Microbiologist, Ashoke Laboratory Clinical Testing Centre Pvt Ltd</li> <li>12. Kumar Sinha Roy, JRF at Indian Institute of Chemical Biology, Kolkata</li> <li>13. Purnendu Bhowmik, Cell Works Research India Pvt Ltd</li> <li>14. Indranil Gupta, Senior research fellow, Calcutta University</li> <li>15. Biswapriya Das, Senior Research Fellow, Calcutta University</li> <li>16. Soumita Podder, Research associate, Bose Institute, Kolkata</li> <li>17. Suvobrata Sen, Nutrition Officer, Nestle India, Kolkata</li> <li>18. Anirban Saha, Cognizant Technique Solution, Kolkata</li> <li>19. Samrat Banerjee, Technical officer, RG Kar Medical College.</li> <li>20. Priyanka Choudhury, Research scholar, IISER, Calcutta</li> <li>21. Sabina parveen, Research Scholar, Bose Institute, Kolkata</li> <li>22. Ashmita Sarkarm, Senior scientist, Microbiology, Edward food research and analysis (EFRAC)</li> <li>23. Rohit Kunar, Junior Research Fellow at Cytogenetic lab, BHU</li> <li>24. Junaid Javeed, Junior Research Fellow, Bose Institute</li> <li>25. Amrita Bhattacharya, Senior Research Fellow , Bose Institute</li> <li>26. Sreemanti Das, Research Scholar, Kalyani University</li> <li>27. Shonima Talapatra, SRF, Calcutta University</li> <li>28. Sudip Saha, SRF, Calcutta University</li> <li>29. Akash Banerjee, JRF, Calcutta University</li> <li>30. Satamita Deb, JRF, IICB, Kolkata</li> <li>31. Sandip Banerjee, Assistant professor, Bidhan Nagar College, Kolkata</li> <li>32. Avishek Ghosh, Asst. Professor, Darjeeling Govt. College, Darjeeling</li> </ol>
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<b>1. Name of the Department</b>		<b>Physics</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: C/450/112 dt. 25.08.1970 Honours: C/1417/112 dt 12.09.1994		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B Sc Honours B Sc General (Physics as Subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>				
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors	Nil	-
		Asst. Professors (Substantive)	05	03
		Asst. Professors (Contractual Govt. aided)		
		Asst. Professors (Management Appointee)	01	01
		Part time (Govt. aided)	-	-
	Part time (Management Appointee)	-	-	
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Sri Amitabha Bhaduri</b>	M.Sc., M.Phil	Assistant Professor & HOD	Electronics	
	No. of Years of Experience	No. of PhD Students guided for the last 4 years		
	1 year a13Yrs and 6 months	-		
<b>Dr. Amarendranath Chatterjee</b>	M.Sc. Ph.D.	Associate Professor	Condensed Matter Physics	
	No. of Years of Experience	No. of PhD Students guided for the last 4 years		
	37 Yrs	-		

<b>Sri Swayambhoo Mitra</b>	M.Sc.	Assistant Professor	Advanced Solid State Physics, Non Linear Dynamics, Biophysics		
	No. of Years of Experience	No. of PhD Students guided for the last 4 years			
	7 Yrs	-			
<b>Md. Injamul Haque</b>	M.Sc.	Management Appointee	Quantum Field Theory		
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	2 months	-			
<b>Sri Malay Krishna Dutta</b>	M.Sc.	Assistant Professor	GTR & Cosmology		
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	4 years	-			
<b>Smt Debolina Chakraborty</b>	M.Sc.	Class Basis Contractual			
	No of years of Experience	No. of PhD Students guided for the last 4 years			
	3years				
<b>11. List of senior Guest faculty</b>		Dr. Amerendranath Chatterjee ( Nuclear Physics)			
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
<b>10%</b>					
<b>13. Student Teacher Ratio (programme wise)</b>			UG		
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
		18:1	19:1	19:1	14:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		2( Technical)			
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D-1 M.Phil.- 1 PG-2			
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		UGC Sponsored Minor Research Project- 01 Amount Rs 70,500/-			
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned		
		Nil	Nil		
<b>18. Research Centre/Facility recognized by the University</b>		Yes, Dr. Amarendranath Chatterjee is functioning as Research Guide recognized by the WBSU			

<b>19. Publications :</b>													
a) Publication per faculty													
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students													
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)													
d) Monographs													
e) Chapter in Books													
f) Books Edited													
g) Books with ISBN/ISSN numbers with details of publishers													
h) Citation Index													
i) SNIP													
j) SJR													
k) Impact factor													
l) h-index													
<b>Facult</b>	<b>A</b>	<b>b1</b>	<b>b2</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
<b>Dr. Amarendranath Chatterjee</b>	3	-	3	-	-	-	-	-	-	-	-	-	-
<b>Sri Swayambhoo Mitra</b>	2		02										
<b>Sri Malay Krishna Dutta</b>	2	-	02	-	-	-	-	-	-	-	-	1.1, 2.0.	-
<b>Smt. Debolina Chakraborty</b>	1		1										
<b>20. Areas of Consultancy and Income Generated</b>										<b>Nil</b>			
<b>21. Faculty as members in</b>													
a) National committees b) International Committees c) Editorial Boards..													
<b>National committees</b>										<b>Nil</b>			
<b>International Committees</b>										<b>Nil</b>			
<b>Editorial Boards</b>										<b>Nil</b>			
<b>22. Student projects</b>													
a) Percentage of students who have done in-house projects including inter departmental/programme											< 1%		
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies													
<b>23. Awards/ Recognitions received by faculty and students</b>													
One Student awarded JBNSTS Fellowship Manali Roy (2011)													
Partha Sarathi Dey 4 <sup>th</sup> Rank Holder , Joy Chakraborty 9 <sup>th</sup> Rank Holder in University (WBSU) Exam 2013;													
Ayan Bhattacharjee 2 <sup>nd</sup> Rank Holder, Anuvab Banerjee 6 <sup>th</sup> Rank Holder in University (WBSU) Exam 2012;													
Sayantika Bhowal 6 <sup>th</sup> Rank Holder in University (CU) Exam 2010													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>							<b>Status</b>						

<b>1.Dr.Ratnabali Banerjee</b>	Secretary, UGC(ERO)
<b>2.Prof. Ashish Banerjee</b>	Former V.C. , C.U.
<b>3.Prof.Suranjan Das</b>	V.C. , C.U.
<b>4.Prof.D.J.Chaterjee</b>	Pro V.C. , C.U.
<b>5.Prof. Alok Banerjee</b>	Former V.C. K.U.
<b>6.Prof.Ashoke Ranjan Thakur</b>	Former V.C., W.B.U.T., W.B.S.U Present V.C. Techno India University
<b>7. Prof.Dipak Bagchi</b>	Former V.C., B.C.K.V.
<b>8.Prof. Bimal Roy</b>	Director, ISI, Kolkata
<b>9.Prof.Chitaranjan Mondal</b>	Former Chairman W.B. School Service Commission
<b>10. Prof. Ranajit Basu</b>	Former Chairman W.B. School Service Commission
<b>11. Prof. Sunanda Banerjee</b>	Saha Institute of Nuclear Physics, Kolkata
<b>12. Prof. Subimal Sen</b>	Former Chairman, WBSCHE
<b>13. Prof. Malayendu Saha</b>	Former Chairman, WBSCHE
<b>14. Prof.Kaushik Gupta</b>	Present V.C. W.B.S.U.
<b>15. Prof. N.D. Pahira</b>	Former V.C. , Vidyasagar University
<b>16. Prof. D.P.Duari</b>	Director, M.P. Birla Foundation Research Centre.

### 25.Seminars/ Conferences/Workshops organized & the source of funding

	Event & Date	Funding Agency
<b>Seminar Jointly organized with Electronics</b>	Title: Applications and job Opportunities in Physics & Electronics Date:02.03.2012 Speakers – 1.Prof.Manojit Mitra,(BESU) 2.Dr.Sanatan Chaterjee ( C.U.)	College

### 26.Student profile programme/course wise Course B.Sc. Physics Honours ( 3 Years Degree Programme)

Year	Applications received	Admitted	Appeared at the Final Examination		Pass percentage	No. of 1 <sup>st</sup> Class
	UG	UG	UG		UG	
			M	F		
<b>2013-14</b>	242	46	Result will be publish in June 2014			
<b>2012-13</b>	387	40	14	14	79	12
<b>2011-12</b>	665	38	13	15	100	11
<b>2010-11</b>	487	43	8	14	95	14
<b>2009-10</b>	405	39	16		100	05

	Students from the State	Students from other States	Students from other countries				
	95%	5% (Bihar, UP, North East)	-				
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
2012-13		2011-12		2010-11		2009-10	
JAM	JEST	JAM	JEST	JAM	JEST	JAM	JEST
3	1	1	Nil	1	Nil	1	Nil
<b>29.Student progression</b>							
Student Progression		Against % enrolled					
		2012-13	2011-12	2010-11	2009-10		
UG to PG		61	68	78	87		
Employed: Campus selection		11	11	17	03		
Other than campus		Nil	7	Nil	Nil		
Entrepreneurship/Self-employment		Nil					
<b>30.Details of Infrastructural facilities</b>							
Lecture Halls with ICT facility:2 Computer systems with printers and accessories:8 Internet connectivity: WI-FI connectivity available							
Departmental Library: books – 375, Journals -1(Indian Journal of Physics, issues 2002(Jan) to 2002(Nov) E-data Base: e-books : 26 Digital courseware: Video Lecture course Materials From NPTEL(IITs and IISc ) Shared with other Departments Research Lab:1							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>							
Period	College	University	Government or other agencies				
2012-13	09	Nil					
2011-12	15	Nil	14				
2010-11	18	Nil	4				
2009-10	19	Nil	1				
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts:</b> One Seminar organized jointly with Electronics Department in 2012 inviting speakers from Calcutta University and BESU. Student seminar organized in 2009.							
<b>33.Teaching methods adopted to improve student learning:</b>							

ICT Enabled teaching with main emphasis on chalk and Talk method is adopted. Since the number of students is manageable they enjoy access for personal doubt clearing opportunities. Special interactive classes with the students are carried out regularly. Supports for National level Examination like JAM, JEST and various others examination leading to admissions to PG Courses are given by the teachers. Adequate Practical classes are arranged for the students

**32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts**

**35.SWOC analysis of the department and Future plans**

<b>Strengths</b>	Cordial atmosphere which is conducive for higher thinking Assistance is provided to facilitate future progression of students
<b>Weakness</b>	Inability in providing proper faculty resources due to shortage of teaching staff. Lack of multiple sets of equipment leads to longer practical sessions.
<b>Opportunities</b>	Multiple students have cracked JAM, JEST & also ranked in University examination There exists a support structure to facilitate academically weaker sections of students through remedial and personal interaction
<b>Challenges</b>	Laboratory infrastructure is constantly affected by depreciation of instruments and the available financial allocation is unable to cope up to the rising requirement. The increase in the numbers of students leads to additional burden on the laboratory as well as library infrastructure. The increasing expectation of students from the department is a challenge to be satiated.
<b>Future Plan</b>	Modernization of the Laboratory to make it well equipped for multiple set experiments Up gradation of the existing departmental library with more books and periodicals Setting up of a fully equipped digital class room to broaden the scope for existing ICT enabled teaching and conduction of NPTEL classes. Introduction of a visualize for demonstrative purposes is highly recommended; Up gradation of existing research laboratory is one of the area that should be looked into

## Evaluative Report of Department of Psychology

<b>1. Name of the Department</b>		<b>Psychology</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Honours : C/6314/112-Affl. dt 23.08.04		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	B Sc Honours	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Nil		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors	Nil	-
		Asst. Professors (Substantive)	2	1
		Asst. Professors (Contractual Govt. aided)	1	1
		Asst. Professors (Management Appointee)	Nil	-
		Part time (Govt. aided)	3	3
		Part time (Management Appointee)	Nil	-
<b>10. Faculty Profile</b>				
Name		Qualificatio	Designation	Specialization
Dr. Debatree Mukherjee		M.sc., Ph. D.	Assistant Professor	Medical Psychology
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
1 year and 888		-		
Dr. Debleena Kumar		M.sc., Ph. D	Contractual Whole Time Teacher	Developmental Psychology
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
6		-		
Smt. Aditi Bhattacharya		M.sc.	Part Time Teacher	Abnormal Psychology
No of years of Experience		No. of PhD Students guided for the last 4 years		
9.5		-		

Smt. Debadeepa Banerjee	M.sc.	Part Time Teacher	Organizational and Human Resource Development	
No of years of Experience		No. of PhD Students guided for the last 4 years		
3		-		
Smt. Pamela Banerjee	M.sc.	Part Time Teacher	Clinical and Forensic Psychology	
No of years of Experience		No. of PhD Students guided for the last 4 years		
3		-		
<b>11. List of senior visiting faculty</b>		-----		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
-	-	-	-	
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>
		17:1	19:1	18:1
				<b>2009-10</b>
				22:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		1		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 2 PG-3		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		Nil		
<b>18. Research Centre/Facility recognized by the University</b>		Nil		
<b>19. Publications :</b>				
a) Publication per faculty				
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students				
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)				
d) Monographs				

<b>e) Chapter in Books</b> <b>f) Books Edited</b> <b>g) Books with ISBN/ISSN numbers with details of publishers</b> <b>h) Citation Index</b> <b>i) SNIP</b> <b>j) SJR</b> <b>k) Impact factor</b>													
Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Dr. Debatree Mukherjee	2	2	-	-	-	-	-	-	-	-	-	-	-
Dr. Debleena Kumar	2	2	-	-	-	-	-	-	-	-	-	-	-
Smt. Debadeepa Banerjee	1	1	-	-	-	-	-	-	-	-	-	-	-
Smt. Pamela Banerjee	1	1	-	-	-	-	-	-	-	-	-	-	-
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21. Faculty as members in</b>													
<b>a) National committees b) International Committees c) Editorial Boards..</b>													
<b>National committees</b>				-----									
<b>International Committees</b>				-----									
<b>Editorial Boards</b>				2 ( Undergraduate Board of Studies, West Bengal State University)									
<b>22. Student projects</b>													
<b>a) Percentage of students who have done in-house projects including inter departmental/programme</b>												-----	
<b>b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies</b>												-----	
<b>23. Awards/ Recognitions received by faculty and students</b>													
Faculty and Student- Ms. Debadeepa Banerjee-													
1. Dr. AN.B. Memorial award for securing 1 <sup>st</sup> class 1 <sup>st</sup> position in M.sc. in Applied Psychology.													
2. Award by University of Calcutta for securing 1 <sup>st</sup> class 1 <sup>st</sup> position in M.sc in Applied Psychology.													
<b>Rupam Banerjee 1<sup>st</sup> Rank Holder</b> & other 7 students are with in top 10 in University (WBSU) Exam 2013													
<b>Anirban Gupta 1<sup>st</sup> Rank Holder</b> & other 7 students are with in top 10 in University (WBSU) Exam 2012													
<b>Samata Saha 1<sup>st</sup> Rank Holder</b> & other 9 students are with in top 10 in University (WBSU) Exam 2011													
Anubhab Maitra 10 <sup>th</sup> Rank Holder in University (CU) Examination 2010													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>							<b>Status</b>						
Prof. Basab Chaudhuri							Registrar, University of Calcutta						
Dr. Kiron Rao							NIMHANS, Bangalore						
Prof Jagadindra Mondal							University of Calcutta						
Prof. Anjali Ray							University of Calcutta						
Prof. Narendra Nath Naskar							All India Institute of Hygiene and Public Health						
Prof. Sadhan Dasgupta							University of Calcutta						
Dr. Gautam Bandopadhyay							North Bengal Medical College						

Prof. Pritha Mukhopadhyay			University of Calcutta				
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>							
	<b>Event &amp; Date</b>				<b>Funding Agency</b>		
National	Workshop on clarification on WBSU undergraduate syllabus and Evaluation Pattern, 25 <sup>th</sup> and 26 <sup>th</sup> August, 2011.				West Bengal State University		
	Departmental Seminar on 'Old Age- Crisis and Management' on 11 <sup>th</sup> October, 2012.				College		
	Recent Approaches in Mental Health Research, 16 <sup>th</sup> and 17 <sup>th</sup> August 2013.				UGC		
<b>26.Student profile programme/course wise: Psychology Honours</b>							
<b>Year</b>	<b>Applications received</b>	<b>Admitted</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	
	UG	UG	UG		UG		
			M	F			
<b>2013-14</b>	118	35	Result will be publish in June 2014				
<b>2012-13</b>	116	35	03	19	90.91	02	
<b>2011-12</b>	113	35	05	18	91.30	03	
<b>2010-11</b>	123	35	01	27	100	07	
<b>2009-10</b>	142	35	15		100	01	
<b>27.Diversity of Students</b>		<b>Students from the State</b>		<b>Students from other States</b>		<b>Students from other countries</b>	
		96%		3%		1%	
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>SET</b>	<b>JRF</b>	<b>SET</b>	<b>JRF</b>	<b>NET</b>
--	---	--	--	--	--	--	--
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		45	42	65	46		
<b>PG to MPhil</b>		---	---	--	---		
<b>PG to PhD</b>		--	--	--	--		
<b>PhD to Post Doctoral</b>							
<b>Employed</b>							
<b>Campus selection</b>		-	-	-	-		
<b>Other than campus</b>		-	-	3.57	30.76		
<b>Entrepreneurship/Self- employment</b>		4.54	-	3.57	7.69		
<b>30.Details of Infrastructural facilities</b>							

Lecture Room with ICT facility: 1 Computer systems with accessories: 2 Internet connectivity: available			
Departmental Library: books – 146 Central Library books- 406			
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>			
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>
<b>2012-13</b>	01	-	-
<b>2011-12</b>	15	-	01
<b>2010-11</b>	06	-	-
<b>2009-10</b>	02	-	-
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>			
<p>1. Seminar on ‘Old age- Crisis and Management’ organized by the department on 11<sup>th</sup> October, 2012; where 2 students from the department were speakers along with the invited lecture delivered by Ms. Sraboni Chatterjee, Asst. Prof, Muralidhar Girls’ college.</p> <p>2. An Exhibition was organized on 12<sup>th</sup> October, by the department to encourage students to apply their knowledge in creative way and also to spread awareness among students of other departments.</p> <p>3. A short drama on ‘schizophrenia’ was performed by the students on 12<sup>th</sup> October, 2012. Total 6 shows has been performed on the request of the audience (students of the different departments and Staff members of the college).</p>			
<b>33.Teaching methods adopted to improve student learning:</b>			
<ol style="list-style-type: none"> <li>1. Seminars,</li> <li>2. Projects, Exhibition,</li> <li>3. Remedial coaching</li> <li>4. walk-in-quiz,</li> <li>5. wall magazine</li> </ol>			
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>			
Counseling of students of the institution with psychosocial problems			
<b>35. SWOC analysis of the department and Future plans</b>			
<b>Strengths</b>	<ol style="list-style-type: none"> <li>i) Well-equipped laboratory with computer facility</li> <li>ii) Enriched departmental and central library</li> <li>iii) One to one interaction with the students</li> <li>iv) Remedial classes for academically backward students</li> <li>v) Encouraging students to apply their knowledge in creative way through wall magazine and presentation of posters and models in exhibition.</li> </ol>		
<b>Weakness</b>	<ol style="list-style-type: none"> <li>i) Number of instruments is less than required.</li> <li>ii) Inadequate space in the Laboratory.</li> </ol>		

<b>Opportunities</b>	A career counselling cell and mental health counselling cell, supervised by the departmental teachers may be formed where employment facility will be provided for only the ex students of the department
<b>Challenges</b>	Opening up of PG Courses Involvement of more people for psychosocial counselling.
<b>Future Plan</b>	Organization of International, National & State Level seminars Organizing Training Programme for the parents so that they can indentify the problems of their wards which have to be counseled.

## Evaluative Report of Department of Zoology

<b>1. Name of the Department</b>		<b>Zoology</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: C/1490/112 dt 10.07.2002 G.O. No. 417-(P 2Q) dt.05.07.2002 Honours: Registrar/103/03/09-10 dt. 27.07.2009		
<b>3. Names of Programmes /Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B Sc Honours B.Sc. General (Zoology as subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>				
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>				
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Associate Professors	-	-
		Asst. Professors	1	1
		Asst. Professors (Contractual Govt. aided)	1	1
		Asst. Professors (Management Appointee)	-	-
		Part time (Govt. aided)	2	2
		Part time (Management Appointee)	-	-
<b>10. Faculty Profile</b>				
Name		Qualification	Designation	Specialization
Dr. Sujata De Chowdhuri		M.Sc. Ph.D	Asst. Professor	Molecular & Human Genetics
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
5 years 4 months		-		
Dr. Debratna Mukhopadhyay		M.Sc. Ph.D	Asst. Professor	Parasitology
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
8 years 4 months		-		

Dr. Papri Saha	M.Sc. Ph.D	Part Time Teacher (Govt. aided)	Cytogenetic	
No of years of Experience 3 year and 3 months		No. of PhD Students guided for the last 4 years		
		-		
Dr. Debopam Acharya	M.Sc. Ph.D	Part Time Teacher (Govt. Aided)	Immunochemistry & Immunodiagnostics	
No of years of Experience 3 year and 3 months		No. of PhD Students guided for the last 4 years		
		-		
<b>11. List of senior visiting faculty</b>		1. Dr. Silanjan Bhattacharya (Associate Prof. WBSU) 2. Dr. Chiranjib Pal (Asst.Prof. WBSU) 3. Dr. Tanmoy Chowdhuri (Sr. Cardiologist, Kalyani Medical College) 4. Prof. N. Paria, (Prof , Botany,CU)		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
	0%			
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
	1:20	1:20	1:15	
<b>14. Number of academic support staff (technical) and administrative staff</b>		1		
<b>15. Qualifications of teaching faculty with DSc./D.Litt./Ph.D.MPhil./PG</b>		Ph.D.- 4		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		2 (Both sponsored by UGC)		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		Nil		
<b>18. Research Centre/Facility recognized by the University</b>		Nil		

**19.Publications :**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- d) Monographs
- e) Chapter in Books
- f) Books Edited
- g) Books with ISBN/ISSN numbers with details of publishers
- h) Citation Index
- i) SNIP
- j) SJR
- k) Impact factor
- l) hi-index

Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Dr. Sujata De Chowdhuri	5	-	5	5	-	-	-	-	7.09				
Dr. Debratna Mukherjee	7	7	-	-	-	-	-	-					
Dr. Papri Saha	4	2	2										
Dr. Debopam Acharya	7	-	7	7	-	-	-	-					

**20. Areas of Consultancy and Income Generated**

Nil

**21.Faculty as members in**

- a)National committees b)International Committees c) Editorial Boards..

<b>National committees</b>	Dr. Sujata De Chaudhuri 1] Environmental Mutagen Society of India. 2] Indian Science Congress Association. 3] All India Congress of Cytology and Genetics. 4] Society of Biological Chemists. Dr. Debratna Mukhopadhyay 1] Indian Science Congress Association.
<b>International Committees</b>	Dr. Debratna Mukhopadhyay 1] International Society for Parasitological Congress.
<b>Editorial Boards</b>	Nil
<b>22.Student projects</b> a) Percentage of students who have done in-house projects including Inter departmental/Programme	100% as students are to participate in Project as their curriculum.
b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies	Nil

<b>23.Awards/ Recognitions received by faculty and students</b>										
Paramita Kundu 6 <sup>th</sup> Rank Holder; Abhisek Sarkar 9 <sup>th</sup> Rank Holder & other 2 students within top 20 in University (WBSU) Examination 2013										
Priya Rai 4 <sup>th</sup> Rank Holder & other 2 students within top 10 in University (WBSU) Examination 2012										
<b>24.List of eminent academicians and scientists/ visitors to the department</b>										
<b>Dignitary</b>				<b>Status</b>						
Dr. Asim Kr. Nath				Reader, Serampore College, Serampore, Hooghly.						
Dr. Tanmoy Chowdhuri				Sr. Cardiologist, Kalyani Medical College						
Dr. Silanjan Bhattacharya				Associate Prof. Dept of Zoology, WBSU						
Dr. Chiranjib Pal				Asst. Prof. Dept of Zoology, WBSU						
Prof. N Paria				Dept. in Botany, CU						
<b>Inter departmental/Programme</b>										
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding :</b>										
				<b>Event &amp; Date</b>		<b>Funding Agency</b>				
“A journey Up the Sky, down the water: A seminar on aquatic and aerial life forms”				Seminar On 15.01.10		College funded				
“Biodiversity & conversation of Indian Subcontinent”				Seminar On 01.10.10		College funded				
Animal Behaviour				Seminar On 29.11.10		College funded				
“Journey through wonders of animal world”				Seminar on 14.12.10		College funded				
“Basic concept of Biology”.				Seminar on 13.03.12		College funded				
<b>26.Student profile programme/course wise: Zoology Honours</b>										
<b>Year</b>		<b>Applications received</b>		<b>Admitted</b>		<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	
		UG		UG		UG		UG		
						M		F		
<b>2013-14</b>		798		30		Result will be publish in June 2014				
<b>2012-13</b>		616		40		03		13	87.50	<b>06</b>
<b>2011-12</b>		1058		40		7		18	100	<b>16</b>
<b>2010-11</b>		797		40		-		-	-	-
<b>2009-10</b>		788		40		-		-	-	-
<b>27.Diversity of Students</b>				<b>Students from the State</b>		<b>Students from other</b>		<b>Students from other countries</b>		
				100%				-		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>										
<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>				
JRF	NET	JRF	NET	JRF	NET	JRF	NET	JRF	NET	

<b>29.Student progression</b>				
<b>Student Progression</b>	<b>Against % enrolled</b>			
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
<b>UG to PG</b>	43	56		
<b>PG to M.Phil</b>				
<b>PG to PhD</b>				
<b>PhD to Post Doctoral</b>				
<b>Employed</b>	4	1		
<b>Campus selection</b>				
<b>Other than campus</b>				
<b>Entrepreneurship/Self-employment</b>				
<b>30.Details of Infrastructural facilities</b>				
Lecture Halls with ICT facility:2 Computer systems with printers and accessories:2 Internet connectivity: available				
Departmental Library : Books –245, Journals -14 E-data Base: e-books : Digital courseware:				
31.Number of students receiving financial assistance from college, university, government or other agencies:				
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>	
<b>2012-13</b>	03	-	2	
<b>2011-12</b>	07	-	4	
<b>2010-11</b>	12	-	5	
<b>2009-10</b>	10	-	11	
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>				
3 Invited Talks during 2010-2012, 3 external experts 5 Seminars performed by students during 2010-2012				
<b>33.Teaching methods adopted to improve student learning:</b>				
1.Learner centered ICT oriented teaching methodology with stress on assignments 2.Self learning and appropriate testing systems 3.Interactive sessions in classes 4.Presentation by faculty &students 5.Outreach programme, seminars, Assignments &Projects 6.Practical sessions, Remedial coaching 7.Wall magazine named MILIEU				
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>				
1.Workshops arranged for High school and Higher Secondary students 2.Compulsory Social service scheme, NCC				
<b>35.SWOC analysis of the department and Future plans</b>				

<b>Strengths</b>	<ol style="list-style-type: none"> <li>1. DST-FIST Sponsored Department.</li> <li>2. Completed 2 minor projects by the faculties</li> <li>3. Extra classes beyond class schedule time are often taken by faculties for slow learners</li> <li>4. Good team spirit among faculty</li> <li>5. Well equipped laboratories.</li> <li>6. Special coaching be initiated for out going students seeking admission in different post graduate courses</li> </ol>
<b>Weakness</b>	<ol style="list-style-type: none"> <li>1. More faculties should be introduced.</li> <li>2. Computer-aided learning is performed thus more machine should be provided</li> <li>3. Museum specimens should be increased.</li> </ol>
<b>Opportunities</b>	<ol style="list-style-type: none"> <li>1. To prepare the students for higher learning</li> <li>2. To prepare them for relevant competitive exams</li> </ol>
<b>Challenges</b>	<ol style="list-style-type: none"> <li>1. Special coaching be initiated for out going students seeking admission in different post graduate courses</li> </ol>
<b>Future Plan</b>	<p>More project works prescribe for the out going students so that they can meet the challenges of the PG courses in other higher learning institutes</p> <p>More e-content are to prepare for the betterment of the students</p>

<b>1. Name of the Department</b>		Statistics			
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: C/148/112 dt 02.02.1999</b>			
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	Statistics as a General subject in B Sc Honours in Economics, Mathematics		
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil			
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual			
<b>6. Participation of the department in the courses offered by other departments</b>					
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil			
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil			
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctione	Filled	
		Professors	Nil	Nil	
		Associate Professors	Nil	Nil	
		Asst. Professors (Substantive)	01	-	
		Asst. Professors (Contractual Govt. aided)	Nil	Nil	
		Asst. Professors (Management Appointee)	Nil	Nil	
		Part time (Govt. aided)	Nil	Nil	
	Part time (Management Appointee)	01	01		
<b>10. Faculty Profile</b>					
Name		Qualification	Designation		Specialization
Sri Sukumar Giri		M.Sc.	Part time (Management Appointee)		Bio-statistics
No. of Years of Experience		No. of PhD Students guided for the last 4 years			
3		-			
11. List of senior visiting faculty					
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)					
Temporary faculty	2013-14	2012-13	2011-12	2010-11	2009-10



22.Student projects									
a)Percentage of students who have done in-house projects including						<b>Nil</b>			
inter departmental/programme									
b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies									
23.Awards/ Recognitions received by faculty and students									
24.List of eminent academicians and scientists/ visitors to the department									
25.Seminars/ Conferences/Workshops organized & the source of funding									
		<b>Event &amp; Date</b>			<b>Funding Agency</b>				
National									
26.Student profile programme/course wise									
<b>Year</b>		<b>Applications Receive</b>		<b>Selected</b>		<b>Enrolled</b>		<b>Pass percentage</b>	
		UG		UG		UG		U	
2013-14		511		40					
2012-13		501		40					
2011-12		701		40					
2010-11		718		40					
2009-10		463		40					
*Data showing the number of B.Sc. General Course as the individual subject-wise data of General courses are not maintained.									
27.Diversity of Students			<b>Students from the State</b>		<b>Students from other States</b>		Students from other		
							-		
28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.									
2012-13		<b>2011-12</b>		<b>2010-11</b>		2009-10			
JR	NET	JRF	NET	JRF	NET	JRF	N		
							F		
29.Student progression N.A. Data not maintained as General Subject									
30.Details of Infrastructural facilities									
<b>Lab cum Class Room: 1</b> <b>Computer systems with printers: 1, Scientific Calculator</b> <b>Internet connectivity: available</b>									

<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>	
32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts	
<b>N.A.</b>	
33.Teaching methods adopted to improve student learning:	
<b>ICT enable teaching with main emphasis on chalk and talk method is adopted.</b> <b>Since the no. of students is manageable they enjoy access for personal doubt clearing opportunities through tutor-ward system.</b> <b>Practice teaching classes are taken by students.</b> <b>Presentation by faculty &amp; students.</b> <b>Practical sessions, Remedial coaching.</b>	
34.Participation in Institutional Social Responsibility (ISR) and Extension activities	
<b>N.A.</b>	
35.SWOC analysis of the department and Future plans	
Strengths	<b>Academic ambiance motivates the students for need based learning.</b> <b>Regular personal monitoring with consultation with the parents through regular Parent - Teacher - Students meeting helps the department to achieve relationship beyond campus.</b>  <b>Teacher – Student ratio is the thrust area of concern. Efforts have been made to appoint management appointed teachers to increase the ratio.</b>

<b>1. Name of the Department</b>		<b>Botany</b>			
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: Registrar/103/03/09-10 dt. 27.07.2009			
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	In B Sc Zoology Honours (Botany as a General Subject)		
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil			
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual			
<b>6. Participation of the department in the courses offered by other departments</b>		Zoology			
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil			
<b>8. Details of courses/ programmes discontinued (if any) with reasons</b>		Nil			
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled	
		Professors	Nil	Nil	
		Associate Professors	Nil	Nil	
		Asst. Professors	Nil	Nil	
		Asst. Professors (Contractual Govt. aided)	Nil	Nil	
		Asst. Professors (Management Appointee)	1	1	
		Part time (Govt. aided)	Nil	Nil	
		Part time (Management Appointee)	1	0	
<b>10. Faculty Profile</b>					
Name		Qualificatio	Designation		Specialization
Sri. Nilotpai Chattopadhyay		M.Sc, M.Phil	Asst. Professors (Management Appointee)		Plant Physiology & Biochemistry
No. of Years of Experience		No. of PhD Students guided for the last 4 years			
5		-			
<b>11. List of senior visiting faculty</b>		-			
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty: (in %)</b>					
Temporary faculty	2012-13	2011-12	2010-11	2009-10	

<b>13. Student Teacher Ratio (programme wise)</b>	2012-13	2011-12	2010-11	2009-10							
<b>UG(Gen)</b>	1:35										
<b>14. Number of academic support staff (technical) and administrative staff</b>	1										
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/Phil/PG</b>	M.Phil - 1										
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	National										
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	Funding Agency		Amount Sanctioned								
	UGC		1,47,000								
<b>18. Research Centre/Facility recognized by the University</b>	-										
<b>19. Publications :</b>											
a) Publication per faculty											
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students											
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)											
d) Monographs											
e) Chapter in Books											
f) Books Edited											
g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index											
i) SNIP											
j) SJR											
k) Impact factor											
l) h-index											
<b>Faculty</b>	<b>A</b>	<b>b</b>	<b>b2</b>	<b>c</b>	<b>e</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
Nilotpal Chattopadhyay	2	1	1								
<b>20. Areas of Consultancy and Income Generated</b>											
Nil											
<b>21. Faculty as members in</b>											
a) National committees b) International Committees c) Editorial Boards..											
<b>National Committees</b>	Nil										
<b>International Committees</b>	Nil										
<b>Editorial Boards</b>	Nil										
<b>22. Student projects</b>				<b>10%</b>							
a) Percentage of students who have done in-house projects including											

outside the institution i.e.in Research laboratories/ Industry/ other

**23. Awards/ Recognitions received by faculty and students**

**24.List of eminent academicians and scientists/ visitors to the department**

Dignitary	Status
1. Prof. (Dr).N.D. Paria.	Professor, Dept. of Botany, University Of Calcutta
2. Dr. A.K. Sarkar	Associate Professor & Head, Dept of Botany, WBSU.

**25.Seminars/ Conferences/Workshops organized & the source of funding**

**26.Student profile programme/course wise**

Year	Applications received	Selected	Enrolled		Pass percentage	
			UG		UG	
2013-14	511	40				
2012-13	501	40				
2011-12	701	40				
2010-11	718	40				
2009-10	463	40				

\*Data showing the number of B.A. General Course as the individual subject-wise data of General courses are not maintained.

27.Diversity of Students	Students from the State	Students from other States	Students from other countries
	100%	-	-

**28.How many students have cleared national and state competitive examinations such as JAM NET, SLET, GATE, Civil services, Defense services, etc.**

2012-13	2011-12	2010-11	2009-10

**29.Student progression: N.A.**

**30.Details of Infrastructural facilities**

Lecture Halls with ICT facility: 1  
 Computer systems with printers and accessories: 2  
 Internet connectivity: available

Departmental Library: books – 50 , Journals - Nil  
 E-data Base: e-books & e-journals through NLIST INFLIBNET Consortium, NPTEL, & other web libraries

Digital courseware: Genetics, Biochemistry, Biodiversity, Molecular Biology

**31. Number of students receiving financial assistance from college, university, government or other agencies: N.A. Data not separately maintained as General Paper.**

**32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts**

**Special Lectures on Biochemistry, Taxonomy & Biodiversity**

**33.Teaching methods adopted to improve student learning:**

**ICT enable teaching with main emphasis on chalk and Talk method is adopted. Since the no of students is manageable they enjoy access for personal doubt clearing opportunities through tutor- ward system. Special supports are given by the teacher for national level entrance exam for various University of National Repute. Presentation by faculty & Students**

**34.Participation in Institutional Social Responsibility (ISR) and Extension activities**

**N.A.**

**35.SWOC analysis of the department and Future plans**

**Strengths**

**Academic ambiances motivate the students for need based learning. Regular personal monitoring with consultation with the parents through Parent – Teacher – Students meeting helps the department to achieve relationship beyond campus.**

**Students are encouraged to participate in the seminar or workshop to accelerate their research maturation.**

**Department is also engage in NSS activities within campus to maintain institutional greenery management by the students.**

**Teacher – Student ratio is the thrust area of concern. Efforts have been made to appoint management appointed teachers to increase the ratio.**

**The department has planned to extend its academic support to the local school students to motivate them for opting higher education in basic sciences to fulfill the goal of Central Government.**

## Evaluative Report of Department of Bengali

<b>1. Name of the Department</b>		<b>Bengali</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: C2836/42 dt 24.06.1957 Honours: C/442/112 dt 14.08.1964</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	<b>B A Honours in Bengali B A General (Bengali as subject)</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the for general papers of the departments like History, Political Science & Education etc.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Professors	1	<b>1</b>
		Asst. Professors (Substantive)	3	<b>2</b>
		Asst. Professors (Contractual Govt. aided)	-	-
		Asst. Professors (Management Appointee)	-	-
		Part time (Govt. aided)	2	<b>2</b>
		Part time (Management Appointee)		
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualificatio</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Dr. Dipak Chowdhury</b>	M.A., Ph.D.	Associate Professor	<b>Comparative Literature</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	25 years	-		
<b>Sri Arun Kr. Dutta</b>	M.A. , SLET, pursuing Ph.D.	Assistant Professor	<b>Novel and Short story</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	8 years	-		
<b>Sri Dipak Kr. Bhattacharyya*</b> <b>Retired on Jan 2013</b>	M.A.	Associate Professor		

	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	8 years	-		
<b>Dr. Pushpa Bairagya</b>	M.A., Ph.D.	Assistant Professor	<b>Linguistics</b>	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	22 years	-		
<b>Dr. Diti Roy</b>	M.A., Ph.D.	Part Time		
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>		
	13 years			
<b>Sri Mridul Dutta Roy</b>	M.A.	Part Time	<b>Modern</b>	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	5years			
<b>11. List of senior visiting faculty</b>		<b>Sri Dipak Kr. Bhattacharyya since February 2013</b>		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
	-	-	-	-
<b>13. Student Teacher Ratio (programme wise)</b>		<b>UG (Bengali Honours)</b>		
	2012-13	2011-12	2010-11	<b>2009-10</b>
	33:1	36:1	36:1	<b>36:1</b>
<b>14. Number of academic support staff (technical) and administrative staff</b>		<b>Nil</b>		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		<b>Ph.D.- 3 PG-3</b>		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		<b>Nil</b>		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		UGC	<b>Nil</b>	
		DST-FIST	<b>Nil</b>	
<b>18. Research Centre/Facility recognized by the University</b>		<b>Nil</b>		
<b>19. Publications :</b>				
a) <b>Publication per faculty</b>				
b) <b>Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students</b>				
c) <b>Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>				
d) <b>Monographs</b>				

e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index													
<b>Faculty</b>	<b>A</b>	<b>b1</b>	<b>b2</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
<b>Dr. Dipak Chowdhury</b>													
<b>Sri Arun Kr. Dutta</b>													
<b>Dr. Pushpa Bairagya</b>	02	02											
<b>Dr. Diti Roy</b>	02	01						01					
<b>Sri Mridul Dutta Roy</b>													
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21. Faculty as members in</b>													
a) National committees b) International Committees c) Editorial Boards..													
<b>National committees</b>													
<b>International Committees</b>													
<b>Editorial Boards</b>	Nil												
<b>22. Student projects</b>													
<b>a) Percentage of students who have done in-house projects including</b>													
inter departmental/programme													
<b>b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies</b>													
<b>23. Awards/ Recognitions received by faculty and students</b>													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>							<b>Status</b>						
<b>Prof. Dr. Hiren Chattopadhyay</b>							<b>Eminent educationist and Ex Prof. Presidency College</b>						
<b>Sri Debshankar Halder</b>							<b>Eminent Theatre Personality</b>						
<b>25. Seminars/ Conferences/ Workshops organized &amp; the source of funding</b>													
<b>Event &amp; Date</b>							<b>Funding Agency</b>						
<b>National</b>													
<b>26. Student profile programme/course wise: Bengali Honours</b>													

Year	Applications received	Admitted	Appeared at the Final Examination		Pass percentage	No. of 1 <sup>st</sup> Class	
	UG	UG	UG		UG		
			M	F			
2013-14	473	70					
2012-13	835	75	09	58	98.51	0	
2011-12	619	75	12	62	97.30	0	
2010-11	865	75	18	50	98.53	02	
2009-10	845	75	68		100	0	
<b>27.Diversity of Students</b>		<b>Students from the State</b>	<b>Students fr</b>		<b>Students from other countries</b>		
					-		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		25	30	30	35		
<b>PG to M.Phil</b>							
<b>PG to PhD</b>							
<b>PhD to Post Doctoral</b>							
<b>Employed</b>							
<b>Campus selection</b>							
<b>Other than campus</b>							
<b>Entrepreneurship/Self-employment</b>							
<b>30. Details of Infrastructural facilities</b>							
<b>Lecture Halls with ICT facility:2</b>							
<b>Computer systems with printers and accessories:8</b>							
<b>Internet connectivity: available</b>							
<b>Departmental Library: books – 217, Journals - Nil</b>							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>							
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>				
2012-13	16		03				
2011-12	18		07				
2010-11	32		09				
2009-10	36		03				

### 32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts

**Departmental Seminar on 8th October, 2012**  
**Topic: "Sampratic Bangla Natok O Monchavinoy ”**  
**Resource Person: Sri Debshankar Halder**

**Departmental Seminar on 14.12.2010**  
**Topic : "Bahumukhi Rabindranath: Sampratich Rabindra Charcha"**  
**Speakers :**  
**Dr. Tapas Kr. Basu, Head, Department of Bengali, Kalyani University**  
**Dr. Sukumar Deb, BRSC**

### 33.Teaching methods adopted to improve student learning:

**Self learning and appropriate testing systems**  
**Interactive smart board used in classes**  
**Presentation by faculty & students,**  
**Seminars**  
**Remedial coaching**  
**Wall magazine**

### 34.Participation in Institutional Social Responsibility (ISR) and Extension activities

**Compulsory Social service scheme, NCC**

### 35.SWOC analysis of the department and Future plans

<b>Strengths</b>	<b>Good student teacher relationship</b> <b>Artistic approach in every aspect</b>
<b>Weakness</b>	<b>Need to modernize the department</b>
<b>Opportunities</b>	<b>To build creative career of the Students</b>
<b>Challenges</b>	<b>To open PG level studies</b>
<b>Future Plan</b>	<b>To open PG level studies</b> <b>Literature based monthly journal to publish</b>

## Evaluative Report of Department of English

<b>1. Name of the Department</b>		<b>English</b>		
<b>2. Year of Establishment</b>		Date of Affiliation with G.O. NO. & DATE: Pass: C2836/42 dt 24.06.1957 Honours: C1195/112 dt. 26.10.1995 G.O. 284-Edn(CS) dt 16.04.1998		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B A Honours in English B A General (English as subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Bengali, History, Political Science & Education etc.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors ^	03	3
		Asst. Professors (Substantive)	01	-
		Asst. Professors (Contractual Govt. aided)	Nil	Nil
		Asst. Professors (Management Appointee)	1	1
		Part time (Govt. aided)	Nil	Nil
Part time (Management Appointee)	2	2		
^ Sanctioned as per personal promotion scheme.				
<b>10. Faculty Profile</b>				
Name		Qualification	Designation	Specialization
<b>Dr. Arunav Banerjee</b>		M.A., Ph.D.	Associate Professor	Greek Tragedy, 20 <sup>th</sup> Century Drama
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
30 Years		-		
<b>Smt. Krishnakali Basu</b>		M.A.	Associate Professor	
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
22 Years		-		
<b>Dr. Meenakshi Krishnan</b>		M.A., Ph.D. CTE, DTE	Associate Professor	American Literature , Linguistics & ELT
No of years of Experience		No. of PhD Students guided for the last 4 years		
22 Years		-		

<b>Smt. Manali Chaudhuri</b>	M.A.	Asst. Professors (Management Appointee)	American Literature, 20 <sup>th</sup> Century Short Story	
	No of years of Experience 1 year and 5 months	No. of Ph.D. Students guided for the last 4 years -		
<b>Sri Subhadip Das</b>	M.A., M.Phil	Part time (Management Appointee)	Existentialist Literature	
	No of years of Experience 3 Years	No. of PhD Students guided for the last 4 years -		
<b>Smt. Rupa Biswas</b>	M.A.	Part time (Management Appointee)	American Literature	
	No of years of Experience 3 Years	No. of PhD Students guided for the last 4 years -		
<b>11. List of senior visiting faculty</b>				
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	2009-10	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>Lectures delivered</b>	18.3%	16.2%	21.1%	22.5%
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
	2013-12	2011-12	2010-11	2009-10
	25:1	25:1	29:1	29:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		Nil		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 2, M.Phil-1 PG-2		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil		
<b>17. Departmental projects funded by DST- FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		UGC	Nil	
		DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>		Nil		
<b>19. Publications :</b>				
a) Publication per faculty				
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students				
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)				
<b>Monographs</b>				

e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index														
<b>Faculty</b>	<b>A</b>	<b>b1</b>	<b>b2</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>	
<b>Dr. Arunav Banerjee</b>														
<b>Smt. Krishnakali Basu</b>														
<b>Dr. Meenakshi Krishnan</b>														
<b>Smt. Manali Chaudhuri</b>						1								
<b>Sri Subhadip Das</b>														
<b>Smt. Rupa Biswas</b>														
<b>20. Areas of Consultancy and Income Generated</b>														
Nil														
<b>21. Faculty as members in</b>														
<b>a) National committees b) International Committees c) Editorial Boards..</b>														
<b>National committees</b>	<b>Smt. Krishna Kali Basu</b> 1. Member of State Mission Assembly for Women Empowerment, Ministry of Women and Social Welfare, Govt. of West Bengal 2. Member of the General Council, National University of Juridical Science, Kolkata 3. President of West Bengal College and University Professors' Association (WBCUPA) 4. Member of Central Board of Film Certification (CBFC), Ministry of information and Broadcasting, Govt. of India.													
<b>International Committees</b>	Nil													
<b>Editorial Boards</b>	Nil													
<b>22. Student projects</b>											N.A.			
<b>a) Percentage of students who have done in-house projects including</b>														
<b>inter departmental/programme</b>											N.A.			
<b>b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other</b>														
<b>23. Awards/ Recognitions received by faculty and students</b>														

<b>Awards/ Recognitions received by students:</b>							
i) Keya Dhar (Present 3 <sup>rd</sup> Year) has been performs western music in AIR, Kolkata							
ii) Souvik Dasgupta (Graduate in 2012) represented KU at the XIth National Youth Parliament.							
iii) Susmita Gupta (Graduate in 2013) has been performing in many solo dance recitals over the years.							
iv) Debarun Jana (Present 2 <sup>nd</sup> Years) represented the college in the Inter College Chess Championship.							
v) Debarun Jana (Present 2 <sup>nd</sup> Years) also publishes poetry in a number of little magazines.							
vi) Monikinkini Basu (Graduate in 2011) went on to represent KU at the National Youth Festival where she was a member of the award winning drama team.							
<b>24.List of eminent academicians and scientists/ visitors to the department</b>							
<b>Dignitary</b>				<b>Status</b>			
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding: Nil</b>							
		<b>Event &amp; Date</b>			<b>Funding Agency</b>		
<b>National</b>							
<b>26.Student profile programme/course wise</b>							
<b>Year</b>	<b>Applications received</b>	<b>Selected</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>	
	UG	UG	UG		UG		
			M	F			
<b>2013-14</b>	1024	55					
<b>2012-13</b>	1158	55	5	30	97.14	<b>01</b>	
<b>2011-12</b>	1127	55	11	40	94.12	<b>05</b>	
<b>2010-11</b>	1221	55	7	48	96.36	<b>08</b>	
<b>2009-10</b>	1171	55	08	48	94.6	<b>0</b>	
<b>27.Diversity of Students</b>		<b>Students from the State</b>	<b>Students from other States</b>		<b>Students from other countries</b>		
		100%			-		
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
-	-	-	-	-	1	-	1
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		38	71	30	27		
<b>PG to MPhil</b>		Nil	Nil	Nil	Nil		
<b>PG to PhD</b>		Nil	Nil	Nil	Nil		
<b>PhD to Post Doctoral</b>		Nil	Nil	Nil	Nil		
<b>Employed</b>							
<b>Campus selection</b>							
<b>Other than campus</b>							

<b>Entrepreneurship/Self-employment</b>			
<b>30. Details of Infrastructural facilities</b>			
Lecture Halls with ICT facility: Nil Computer systems with printers and accessories: Nil Internet connectivity: Nil			
Departmental Library: Books – 42, Journals -Nil E-data Base: e-books : Nil			
31.Number of students receiving financial assistance from college, university, government or other agencies:			
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>
2012-13	11		05
2011-12	06		05
2010-11	10		06
2009-10	08		02
<b>32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>			
<b>33.Teaching methods adopted to improve student learning:</b>			
Learner centered IT oriented teaching methodology with stress on assignments Self learning and appropriate testing systems Assignments &Projects Remedial coaching Debates, Quiz, wall magazine Chalk & Talk, Self Learning & Group Discussion, Group based interaction method			
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>			
Done Centrally, not by Department			
<b>35.SWOC analysis of the department and Future plans</b>			
<b>Strengths</b>	Camaraderie between Teachers in Departments Strong Teacher student relationship Enthusiastic participation of all students in departmental activities		
<b>Weakness</b>	Increase in percentage of class fall Inadequate number of books in departmental library Paucity of experienced teacher in the department. Number of enrollment too high at Honours level		

<b>Opportunities</b>	<p>Can introduce an exchange programme whereby teachers from neighboring colleges and universities can be invited for a series of lecture on relevant subjects as a teachers thus invited will be making presentations or delivering lecture on their core areas, the students will greatly benefit without the department having to overhaul the faculty. As a matter of reciprocity the college can be extent the same services to other college as a part of the extension programme</p> <p>There is clear opportunity for organizing more students seminars to incentivize to show case their skill and attainments.</p> <p>Once the programme is extended to the students of the neighboring college, brighter student will have a strong impetus to improve themselves</p> <p>As the college has a film studies department, the department is uniquely placed to coordinate the efforts of these departments for further exploration</p> <p>Many such opportunities exist no doubt, and new ventures are going to be relatively easy because they are essentially green-field ventures.</p>
<b>Challenges</b>	<p>The major challenge for the department is to ensure that the ratio between classes taken and allotted improves and the department is able to cover the entire syllabus.</p> <p>Another challenge is to ensure greater participation of the students in the process of teaching and learning.</p> <p>To make the classes truly interactive and student -centric to the extent possible, the number of students in the class should be more manageable on the one hand and the regularity of attendance ought to be made mandatory no the others, Otherwise the yardstick to judge student accomplishment will solely repose on the end – term results, which, given the predictability of university question and the stress on the rote learning, really dose not count for much.</p> <p>Finally, the department must devise means to make learning a continuous process and an enjoyable experience. The department, with its limited autonomy, cannot drastically turn things around, but it can experiment with more student – centric learning.</p>
<b>Future Plan</b>	<p>Improvement of horizontal linkages with other institutions;</p> <p>Enrichment of the departmental library;</p> <p>Devise strategies to ensure more classes to be taken;</p> <p>Teacher exchange programme;</p> <p>Subscribe to e-journals;</p> <p>Start a departmental journal;</p> <p>Organize International, National &amp; State Level seminars</p>
<b>Any Other</b>	<p>Organized two Workshops on CAS, Promotion and Leave Rules one in collaboration with University of Calcutta, University of Kalyani, West Bengal State University, another in association with University of Burdwan in the year 2013.</p>

## Evaluative Report of Department of Hindi

<b>1. Name of the Department</b>		<b>Hindi</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: C2836/42 dt 24.06.1957 Honours: C1195/112 dt. 26.10.1995 G.O. 284-Edn(CS) dt 16.04.1998</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	<b>B A Honours in Hindi B A General (Hindi as subject)</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Bengali, History, Political Science & Education etc.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Associate Professors	Nil	Nil
		Asst. Professors (Substantive)	2	1
		Asst. Professors (Contractual Govt. aided)	1	1
		Asst. Professors (Management Appointee)	Nil	Nil
		Part time (Govt. aided)	1	1
		Part time (Management Appointee)	1	1
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualificatio</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Dr. Neeraj Sharma</b>	M.A., Ph.D.	Assistant Professor	<b>Premchand</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	8 years	Nil		
<b>Sri Vivek Shaw</b>	M.A.	Assistant Professor (Contractual	<b>Premchand</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	8 years	Nil		
<b>Smt. Sreeparna Tarafdar</b>	M.A.	Part time (Govt. aided)	<b>Anuvad Vigyan</b>	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	6 Years	Nil		

<b>Dr. Rama Mishra</b>	M.A.	Part time (Management	<b>Sant Kavya</b>		
	No of years	<b>No. of Ph.D. Students guided for the last 4 years</b>			
	10	<b>Nil</b>			
<b>Smt. Kaju Kumari Shaw</b>	M.A.	Part time (Management Appointee)			
	No of years	<b>No. of Ph.D. Students guided for the last 4 years</b>			
	04 years	<b>Nil</b>			
<b>11. List of senior visiting faculty</b>					
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
		<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>lectures delivered</b>		10%	10%	10%	<b>10%</b>
<b>13. Student Teacher Ratio (programme wise)</b>			<b>UG</b>		
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
		24:1	28:1	28:1	24:1
<b>14. Number of academic support staff (technical) and administrative staff</b>			<b>Nil</b>		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>			<b>Ph.D.- 2 PG-2</b>		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>			<b>Nil</b>		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>			<b>Funding Agency</b>		<b>Amount Sanctioned</b>
			UGC		<b>Nil</b>
			DST-FIST		<b>Nil</b>
<b>18. Research Centre/Facility recognized by the University</b>			<b>Nil</b>		
<b>19. Publications :</b>					
<ul style="list-style-type: none"> <li>a) Publication per faculty</li> <li>b) Number of papers published in peer reviewed journals (b1.national /b2.international) by faculty and students</li> <li>c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</li> <li>d) Monographs</li> <li>e) Chapter in Books</li> <li>f) Books Edited</li> <li>g) Books with ISBN/ISSN numbers with details of publishers</li> <li>h) Citation Index</li> <li>i) SNIP</li> <li>j) SJR</li> <li>k) Impact factor</li> <li>l) h-index</li> </ul>					

Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Dr. Neeraj Sharma	03	01					01 *	01 **					
Sri Vivek Kr. Shaw	01	01											
Smt. Sreeparna Tarafdar	03	03											
Dr. Rama Mishra	01	01											
Smt. Kaju Kumari Shaw	01	01											
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21. Faculty as members in</b>													
a) National committees b) International Committees c) Editorial Boards..													
<b>National Committees</b>		Nil											
<b>International Committees</b>		Nil											
<b>Editorial Boards</b>		Dr. Neeraj Sharma is associated with Shodh Prerak (ISSN 2231-413X)											
<b>22. Student projects</b>										Nil			
a) Percentage of students who have done in-house projects including inter departmental/programme													
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies										Nil			
<b>23. Awards/ Recognitions received by faculty and students</b>													
Awards received by Sonia Das (student of BA 1 <sup>st</sup> year)- won prize in state level dance competition in 2009, national level kho-kho competition in 2012. Sukriti Das 5 <sup>th</sup> Rank Holder in University (WBSU) Examination 2013 Shaily Gupta 3 <sup>rd</sup> Rank Holder & Other 3 students within top 10 in University (WBSU) Examination 2012 Namita Rajak 2 <sup>nd</sup> Rank Holder & other 5 students within top 10 in University (WBSU) Examination 2011 Anupa Singh 6 <sup>th</sup> Rank Holder in University (CU) Examination 2010													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>							<b>Status</b>						
Prof. K.N Singh							Ex Professor						
Prof. R.M Sharma							Ex Professor						
Prof. Risbhdeo Sharma							Professor						
Prof. Arun Hota							Professor						
Prof. Deolal Murya							Professor						
Prof. Bajrangbihari Tiwari							Professor						
Prof. Kripashankar Chaubey							Professor						
Dr. Sunil Kr. Diwedi							Assistant Professor						
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>													
							<b>Event &amp; Date</b>				<b>Funding Agency</b>		
<b>National</b>		National Seminar on 20 <sup>th</sup> & 21 <sup>st</sup> September 2013					UGC						
<b>26. Student profile programme/course wise</b>													

Year	Applications received	Selected	Appeared at the Final Examination		Pass percentag	No. of 1 <sup>st</sup> Class	
	UG	UG	UG		UG		
			M	F			
<b>2013-14</b>	187	57	<b>Result will be publish in June 2014</b>				
<b>2012-13</b>	194	51	06	24	90	<b>1</b>	
<b>2011-12</b>	225	48	06	25	90.32	<b>0</b>	
<b>2010-11</b>	231	42	07	27	100	<b>1</b>	
<b>2009-10</b>	167	38	33		96	<b>02</b>	
<b>27. Diversity of Students</b>		<b>Students from the State</b>	<b>Students from other States</b>		<b>Students from other countries</b>		
		100%	-		-		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
-	-	-	01	-	01	-	
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		83.87	82.35	90.90	<b>88.89</b>		
<b>PG to MPhil</b>							
<b>PG to PhD</b>		-	-	-	-		
<b>PhD to Post Doctoral</b>		-	-	-	-		
<b>Employed</b>							
<b>Campus selection</b>		-	-	-	-		
<b>Other than campus</b>		01	02	-	-		
<b>Entrepreneurship/Self-employment</b>		-	04	01	<b>02</b>		
<b>30. Details of Infrastructural facilities</b>							
<b>Lecture Halls: Room No. 203, 205</b>							
<b>One Computer</b>							
<b>Departmental Library: books – 154</b>							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>							
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>				
<b>2012-13</b>	45	-	<b>04</b>				
<b>2011-12</b>	24	-	<b>10</b>				
<b>2010-11</b>	20	-	<b>01</b>				
<b>2009-10</b>	17	-	-				
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							

<b>U.G.C sponsored national seminar- September 2013 Invited Talks during 2010-2012</b>	
<b>33.Teaching methods adopted to improve student learning:</b>	
Self learning and appropriate testing systems Outreach programme, seminars, Assignments & Projects Remedial coaching Workshops, debates, walk-in-quiz, wall magazine	
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
Compulsory Social service scheme, NCC, NSS.	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	Promote Hindi Seminars Promote Hindi Short term course Promote Hindi certificate course Promote PG course in Hindi Pursuing Research Activities
<b>Weakness</b>	Shortage of govt. aided full time teachers
<b>Opportunities</b>	Enriched departmental library Can introduce UGC sanctioned inter-disciplinary courses
<b>Challenges</b>	Lack of staff well-versed in computers
<b>Future plan</b>	Opening PG Course

## Evaluative Report of Department of Education

<b>1. Name of the Department</b>		<b>Education</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> <b>Pass: C/11526/112 dt. 06.02.1970</b> <b>Honours: C/773/112 dt 28.08.1996</b> <b>G.O. No. 249/Edn(CS) dt 03.04.1998</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, M.Phil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	<b>B A Honours in Education</b> <b>B A General (Education as subject)</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Supports in the teaching within the curriculum of the Department like Bengali, History, Philosophy &amp; Political Science etc.</b>		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Professors ^	1	1
		Asst. Professors (Substantive)	2	-
		Asst. Professors (Contractual Govt. aided)	1	1
		Asst. Professors (Management Appointee)	Nil	Nil
		Part time (Govt. aided)	2	2
		Part time (Management Appointee) Guest	1	1
^ Sanction as per Personal Promotion				
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Dr. Mani Shankar Roy</b>	M.A., M.Phil., Ph.D.	Associate Professor & Head	<b>Technology &amp; Examination System</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	22 Years	Nil		
<b>Smt. Chandrani Sanyal</b>	M.A., M.Phil. Pursuing Ph.D	Asst. Professors (Contractual Govt. aided)	<b>Psychology</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	12 year	-		

<b>Dr. A Odud*</b> <b>Retired on July 2011</b>	M.A., M.Phil Ph.D.	Associate Professor	
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	30 years	-	
<b>Smt. Indrani Sukul</b>	M.A., M.Phil	Part time (Govt. aided)	<b>Policy planning management &amp; non formal education 7 open learning</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	4 years	-	
<b>Smt. Tanur Das</b>	M.A.	Part time (Management Appointee)	-
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>	
	3 yrs+	-	
<b>Smt. Jally Kundu</b>	M.A.	Part time (Govt. aided)	<b>Educational Technology &amp; Evaluation in education</b>
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>	
	3 yrs+		
<b>11. List of senior visiting faculty</b>		<b>Dr. Md. Abdul Odud</b>	
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>			
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>lectures delivered and practical classes handled</b>	-	15	11
<b>13. Student Teacher Ratio (programme wise)</b>		<b>UG</b>	
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>
	<b>45:1</b>	<b>31:1</b>	<b>35:1</b>
<b>2009-10</b>	<b>45:1</b>		
<b>14. Number of academic support staff (technical) and administrative staff</b>	Nil		
<b>15. Qualifications of teaching faculty with</b>	Ph.D.- 2 M.Phil.-3 PG-2 * retired on July'11 and taken classes as guest faculty		
<b>16. Number of faculty with ongoing projects from</b>	Nil		
a) National			
b) International funding agencies and grants received			
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>	
	UGC	Nil	
	DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>	Nil		

**19. Publications :**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- d) Monographs
- e) Chapter in Books
- f) Books Edited
- g) Books with ISBN/ISSN numbers with details of publishers
- h) Citation Index
- i) SNIP
- j) SJR
- k) Impact factor
- l) h-index

Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Dr. Mani Shankar Roy	02	01	01	-	-		-	-					
Smt. Chandrani Sanyal	01	1		-	-		-						

**20. Areas of Consultancy and Income Generated**

School Service Commission. Madrasha Service commission.

**21. Faculty as members in**

a) National committees b) International Committees c) Editorial Boards..

National committees	Dr. Mani Sankar Roy : Training of Enumerators through Master-Trainers-Census 2011 (Phase II)(Society-Oriented Service) : Nodal Officer
International Committees	Nil
Editorial Boards	Nil

**22. Student projects**

a) Percentage of students who have done in-house projects including inter departmental/programme

N.A.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies

N.A.

**23. Awards/ Recognitions received by faculty and students**

Puja Saha 1<sup>st</sup> Rank Holder & other four students Rank Holder in University (WBSU) Exam 2012

Ishita Ganguly 7<sup>th</sup> Rank Holder in University (WBSU) Exam 2011

**24. List of eminent academicians and scientists/ visitors to the department**

Dignitary	Status
Dr. Debashis Pal	Ex-Principal, B.Ed. College
Dr. Dibyendu Bhattacharya	Head of the Dept. of Education, Kalyani University
Dr. Ujjwal Panda	Principal

**25. Seminars/ Conferences/ Workshops organized & the source of funding**

	Event & Date	Funding Agency
National	Nil	

<b>26.Student profile programme/course wise</b>										
Year		Applications received		Admitted		Appeared at the Final Examination		Pass percentag		No. of 1 <sup>st</sup> Class
		UG		UG		UG		UG		
						M	F			
<b>2013-14</b>		445		65		<b>Result will be published in June 2014</b>				
<b>2012-13</b>		386		63		10	43	90.57	<b>02</b>	
<b>2011-12</b>		282		58		11	47	93.10	<b>21</b>	
<b>2010-11</b>		434		59		11	52	98.41	<b>08</b>	
<b>2009-10</b>		331		63		14	38	100	<b>03</b>	
<b>27.Diversity of Students</b>				<b>Students from the State</b>		<b>Students from other States</b>		<b>Students from other countries</b>		
								<b>Nil</b>		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>										
<b>2009</b>		<b>2010</b>			<b>2011</b>			<b>2012</b>		
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>SET</b>	<b>SSC</b>	<b>JRF</b>	<b>NET</b>	<b>SSC</b>	<b>JRF</b>	<b>SET</b>	<b>SSC</b>
	–	–	–	8	–	–	4			44
<b>29.Student progression</b>										
<b>Student Progression</b>				<b>Against % enrolled</b>						
				<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>			
<b>UG to PG</b>				50	70	40	<b>40</b>			
<b>PG to MPhil</b>						2	–			
<b>PG to PhD</b>										
<b>PhD to Post Doctoral</b>										
<b>Employed</b>										
<b>Campus selection</b>				–	–	–	–			
<b>Other than campus</b>										
<b>Entrepreneurship/Self-employment</b>				2	1	1	<b>1</b>			
<b>30. Details of Infrastructural facilities</b>										
Lecture Halls with ICT facility:2										
Computer systems with printers and accessories:1										
Internet connectivity: available										
Departmental Library: books – 190, Journals -32										
E-data Base: e-books : 26										
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>										
<b>Period</b>		<b>College</b>		<b>University</b>		<b>Government or other agencies</b>				
<b>2012-13</b>		51		2		<b>2</b>				
<b>2011-12</b>		43		-		<b>4</b>				
<b>2010-11</b>		34		-		<b>5</b>				
<b>2009-10</b>		27		-		<b>11</b>				

<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>	
<b>3 Invited Talks during 2007-2012, 6 experts</b>	
<b>33.Teaching methods adopted to improve student learning:</b>	
<b>Learner centered IT oriented teaching methodology with stress on assignments</b> <b>Self learning and appropriate testing systems</b> <b>Outreach programme, seminars, Assignments &amp;Projects</b> <b>Practical sessions, Remedial coaching</b> <b>Debates, walk-in-quiz, wall magazine</b>	
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<b>Workshops arranged for High school and Higher Secondary students</b> <b>Compulsory Social service scheme, NCC</b>	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	Using ICT assisted teaching programme in the class 30% students of the department obtained 1 <sup>st</sup> class and some of them are Rank Holder Regular attendance of the students in the class and as a result they perform well in examination The students of the department are culturally sound and they awarded in various cultural competition.
<b>Weakness</b>	The teacher students ratio are not up to the mark The number of books are limited in departmental library Do not have separate practical rooms for 3 <sup>rd</sup> year students Weak availability of internet connection in some time

## Evaluative Report of Department of History

<b>1. Name of the Department</b>	<b>History</b>		
<b>2. Year of Establishment</b>	Date of Affiliation with G.O. NO. & DATE: Pass: C2836/42 dt 24.06.1957 Honours: C/773/112 dt 28.08.1996 G.O. 249/Edn(CS) dt 03.04.1998		
<b>3. Names of Programmes/Courses Offered (UG, PG, M.Phil, Ph.D, Integrated Masters; Integrated Ph.D, etc.)</b>	UG	B A Honours in History B A General History as subject	
<b>4. Names of Interdisciplinary courses and departments involved</b>	Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>	Annual		
<b>6. Participation of the department in the courses offered by other departments</b>	Offers support in the teaching within the curriculum for general papers of the Department of English, Bengali, Political Science & Philosophy		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>	Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>	Nil		
<b>9. Number of teaching posts sanctioned and filled</b>		Sanctioned	Filled
	Professors	Nil	-
	Associate Professors ^	02	02
	Asst. Professors (Substantive)	01	01
	Asst. Professors (Contractual Govt. aided)	01	01
	Asst. Professors (Management Appointee)	Nil	Nil
	Part time (Govt. aided)	1	1
	Part time (Management Appointee)	Nil	Nil
^ Sanctioned as per Personal Promotion			
<b>10. Faculty Profile</b>			
Name	Qualificatio	Designation	Specialization
<b>Smt. Lipika Biswas</b>	M.A.	Associate Professor	Modern Europe
	No. of Years of Experience	No. of PhD Students guided for the last 4 years	
	23 years and 6 months	Nil	
<b>Dr. Sutapa Ghosh Dastidar</b>	M.A. Ph.D.	Associate Professor & Head	Modern India
	No. of Years of Experience	No. of PhD Students guided for the last 4 years	
	14 years 6 months	Nil	
<b>Sri Pankaj Mondal</b>	M.A.	Assistant Professor	Modern India
	No of years of Experience:	No. of PhD Students guided for the last 4 years:	
	6 years	Nil	

<b>Smt. Keya Dutta</b>	<b>M.A.</b>	<b>Asst. Professors</b> (Contractual Govt. aided)	<b>Modern Europe</b>	
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>		
	10 years and 5 months	-		
<b>Smt. Debamita Bhattacharya</b>	<b>M.A.</b>	<b>Part time (Govt. aided)</b>	<b>Ancient India</b>	
	No of years of Experience	<b>No. of Ph.D Students guided for the last 4 years</b>		
	4 years	-		
<b>11. List of senior visiting faculty</b>				
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>lectures delivered and practical classes handled</b>	-	-	-	-
<b>13. Student Teacher Ratio (programme wise)</b>		<b>UG</b>		
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
	32:1	34:1	35:1	35:1
<b>14. Number of academic support staff (technical) and administrative staff</b>	Nil			
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>	Ph.D.- 1, M.Phil-1, PG-3			
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	Nil			
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	<b>Funding Agency</b>	<b>Amount Sanctioned</b>		
	UGC	Nil		
	DST-FIST	Nil		
<b>18. Research Centre/Facility recognized by the University</b>	Nil			
<b>19. Publications :</b>				
a) Publication per faculty				
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students				
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)				
d) Monographs				
e) Chapter in Books				
f) Books Edited				
g) Books with ISBN/ISSN numbers with details of publishers				
h) Citation Index				
i) SNIP				
j) SJR				
k) Impact factor				
l) h-index				

Facul	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Dr. Sutapa Ghosh Dastidar	3	3											
Sri Pankaj Mondal			2										
Smt. Keya Dutta						1							
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21. Faculty as members in</b> a) National committees b) International Committees c) Editorial Boards..													
National committees				Nil									
International Committees													
Editorial Boards													
<b>22. Student projects</b>													
a) Percentage of students who have done in-house projects including inter departmental/programme													
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies													
<b>23. Awards/ Recognitions received by faculty and students</b>													
Souvik Debnath 2 <sup>nd</sup> Rank Holder & Saheli Roy 9 <sup>th</sup> Rank Holder in University (WBSU) Examination 2013 Koushik Chanda 5 <sup>th</sup> Rank Holder & Indrajit Ganguly 6 <sup>th</sup> Rank Holder in University (WBSU) Examination 2012 Sudip Paul 2 <sup>nd</sup> Rank Holder & other 4 Students within to 10 in University (WBSU) Examination 2011													
<b>24. List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>							<b>Status</b>						
Prof. Suranjan Das							Vice-Chancellor , University of Calcutta						
Prof. Ranjit Sen							Ex-Professor , University of Calcutta						
Prof. Nirban Basu							Professor, University of Calcutta						
Prof. Mahua Sarkar							Professor, Jadavpur University						
Dr. Ananda Bhattacharya							Assistant Director, WBSA.						
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>													
<b>Event &amp; Date</b>													
<b>Funding Agency</b>													
State-Level		Society, Economy and Polity : Reflections on Post Colonial Bengal 30 <sup>th</sup> August, 2013								UGC			
<b>26. Student profile programme/course wise: History Honours</b>													
<b>Year</b>		<b>Applications received</b>		<b>Admitted</b>		<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>		<b>No. of 1<sup>st</sup> Class</b>			
		UG		UG		UG		UG					
						M	F						
2013-14		261		55		Result will be publish in June 2014							
2012-13		455		55		11	24	100		-			
2011-12		469		55		22	33	98.18		-			
2010-11		499		55		15	40	100		-			

<b>2009-10</b>	518	55	56	94	-		
<b>27.Diversity of Students</b>		<b>Students from the State</b>	<b>Students from other States</b>	<b>Students from other countries</b>			
		100%		1%			
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
<b>29.Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		20	30	35	45		
<b>PG to M.Phil</b>							
<b>PG to Ph.D</b>							
<b>Ph.D to Post Doctoral</b>							
<b>Employed</b>		6		5	8		
<b>Campus selection</b>			16				
<b>Other than campus</b>							
<b>Entrepreneurship/Self-employment</b>				10	10		
<b>30. Details of Infrastructural facilities</b>							
Lecture Halls with ICT facility: Nil Computer with printers and accessories-1, Internet connectivity: available							
Departmental Library: Books – 200, Journals-5, E-data Base: Nil, e-books : Nil Digital courseware: Nil							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>							
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>				
2012-13	22	-	04				
2011-12	30	-	07				
2010-11	22	-	09				
2009-10	19	-	-				
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
One State Level UGC Sponsored Seminar on 30.08.2013 (5 invited speakers including the Honorable Vice Chancellor of University of Calcutta).							
<b>33.Teaching methods adopted to improve student learning:</b>							

<b>Learner centered teaching methodology with stress on assignments</b> <b>Self learning and appropriate testing systems</b> <b>Presentation by faculty &amp; students</b> <b>Outreach programme, seminars, Assignments &amp; Projects</b> <b>Remedial coaching</b> <b>Debates, Wall magazine</b>	
<b>34. Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<b>Visit to tribal village by faculty member to induce literary development among women.</b>	
<b>35. SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	<ul style="list-style-type: none"> <li>➤ <b>Completed Ph. D under FDP Programme of UGC.</b></li> <li>➤ <b>Conducted one UGC sponsored state-level seminar.</b></li> <li>➤ <b>Presently conducting one college sponsored minor project.</b></li> <li>➤ <b>Good team spirit among faculty members.</b></li> <li>➤ <b>High level of satisfaction with the performance of the faculty members as reflected in the Students' Feedback.</b></li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>➤ <b>Requirement of more books in departmental library</b></li> <li>➤ <b>Insufficient access of the students to internet facility</b></li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>➤ <b>Support for more ICT based learning.</b></li> <li>➤ <b>Educational tours to places of historical interest.</b></li> </ul>
<b>Challenges</b>	<ul style="list-style-type: none"> <li>➤ <b>Betterment of teacher student ratio for healthy class performance.</b></li> <li>➤ <b>Encourage more research oriented activities among the students and faculty members.</b></li> </ul>

## Evaluative Report of Department of Journalism & Mass Communication

<b>1.Name of the Department</b>	<b>Journalism &amp; Mass Communication</b>		
<b>2.Year of Establishment</b>	Date of Affiliation with G.O. NO. & DATE: Pass: C/1187/112 dt. 02.12.1999 Honours: C/1479/112 dt 06.08.2001 G.O. No. 534-Edn (CS) dt. 20.04.2000		
<b>3.Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>	UG	B A Honours B A General ( Journalism & Mass Communication as subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>	Political Science, Film Studies		
<b>5. Annual/Semester/choice based credit system(programme wise)</b>	Annual		
<b>6.Participation of the department in the courses offered by other departments</b>	Nil		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>	Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>	Nil		
<b>9. Number of teaching posts sanctioned and filled</b>		Sanctioned	Filled
	Professors	Nil	-
	Associate Professors	Nil	-
	Asst. Professors (Substantive)	2	1
	Asst. Professors (Contractual Govt. aided)	2	2
	Asst. Professors (Management Appointee)	Nil	Nil
	Part time (Govt. aided)	Nil	Nil
	Part time (Management Appointee)	01	01
Guest Teachers	3	3	
<b>10. Faculty Profile</b>			
Name	Qualification	Designation	Specialization
<b>Smt. Maumita Chaudhuri</b>	M.A.	Assistant Professor (Substantive) & Head	Radio & TV, Sports
No. of Years of Experience		No. of PhD Students guided for the last 4 years	
6 years 10 months		-	
<b>Smt. Suparna Roy(Bhattacharya)</b>	M.A.	Asst. Professors (Contractual Govt. aided)	International Relations and Development Journalism
No. of Years of Experience		No. of PhD Students guided for the last 4 years	
13 years 4 months		-	

<b>Smt. Sahana Chatterjee</b>	M.A.	Asst. Professors (Contractual Govt. aided)	Environment and Human rights, Criminal Justice and Humanrights	
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
10 years		-		
<b>Sri. Avijit Mondal</b>	M.Com.	Part time (Management Appointee)	Accounts & Finance, Diploma in Computer Application	
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
10 years		-		
<b>11. List of senior visiting faculty</b>		Nil		
<b>12. Percentage of lecture delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
Practical classes	9%	9%	10%	-
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
	2012-13	2011-12	2010-11	2009-10
	35:1	32:1	30:1	31:1
<b>14. Number of academic support staff(technical) and administrative staff</b>		01		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		PG-3		
<b>16. Number of faculty with ongoing projects from a) National B) International funding agencies and grants received</b>		National – 01 Rs.71,000/- UGC(MRP)  College – 01 Rs. 1,00,000		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>		Nil		
<b>19. Publications:</b>				
a) Publication per faculty				
b) Number of papers published in peer reviewed journals (b1.national/ b2.international) by faculty and students				
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)				
d) Monographs				

<b>e) Chapter in Books</b> <b>f) Books Edited</b> <b>g) Books with ISBN/ISSN numbers with details of publishers</b> <b>h) Citation Index</b> <b>i) SNIP</b> <b>j) SJR</b> <b>k) Impact factor</b> <b>l) h-index</b>												
Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k l
Smt. Maumita Chaudhuri	1							CU				
Smt. Suparna Roy Bhattacharyya	2	02						978-8- 921-808 -1-6				
Smt. Sahana Chatterjee	2	02						978-8- 921-808 -1-6				
<b>20. Areas of Consultancy and Income Generated</b>												
Nil												
<b>21. Faculty as members in</b> <b>a) National committees b) International Committees c) Editorial Boards.</b>												
<b>National Committees</b>												Nil
<b>International Committees</b>												Nil
<b>Editorial Boards</b>												Nil
<b>22. Student projects</b> <b>a) percentage of students who have done in-house projects including Inter departmental/programme</b>											100%	
<b>b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies</b>											20%	
<b>23. Awards/ Recognitions received by faculty and students</b>												
Sangita Paul -2 <sup>nd</sup> , and other four Ishita Chakraborty (4 <sup>th</sup> ), Sayani Sen (5 <sup>th</sup> ), Rittika Chaudhari (7 <sup>th</sup> ), and Utsa Ghosh (8 <sup>th</sup> ) rank holders in 2012 Pranita Mukherjee (6 <sup>th</sup> Rank Holder); Sangita Mitra (9 <sup>th</sup> Rank Holder); Nibedita Dey (10 <sup>th</sup> Rank Holder) in the University Examination 2011												
<b>24. List of eminent academicians and scientists/ visitors to the department</b>												
<b>Dignitary</b>						<b>Status</b>						
1) Pallav Mukhopadhyay						Asst. Prof., WBSU						
2) Dr. Apurba Biswas						Eminent Film critic						
3) Abhishekh Ray						Deputy Director, Indo Asian News Agency						
4) Santanu Roy						News Editor, ABP-Ananda						
5) Koushik Ghosh						ABP						
6) Goutam Mohan Chakraborty						Commissioner, KP						
7) Samir Goswami						PRO, Eastern Railway						
<b>25. Seminars/ Conferences/Workshops organized &amp; the source of funding</b>												
<b>Event &amp; Date</b>												<b>Funding Agency</b>
<b>National</b>												Nil

26. Student profile programme/course wise: <b>Journalism &amp; Mass Communication Honours</b>						
Year	Applications received	Admitted	Appear at the final Examination		Pass percentage	No. of 1 <sup>ST</sup> Class
	UG	UG	UG		UG	
			M	F		
2013-14	235	40				
2012-13	321	40	07	30	94	07
2011-12	285	40	12	31	91	12
2010-11	341	40	08	24	97	07
2009-10	352	40	38		100	00
<b>27. Diversity of Students</b>		<b>Students from the State</b>	<b>Students from other States</b>		<b>Students from other countries</b>	
		98%	1%		1%	
<b>28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>						
2009		2010		2011		2012
JRF	NET	JRF	NET	JRF	NET	JRF NET
					1	1
<b>29. Student progression</b>						
<b>Student progression</b>		<b>Against % enrolled</b>				
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
<b>UG to PG</b>		25%	30%	35%	25%	
<b>PG To MPhil</b>		-	-	-	-	
<b>PG to Phd</b>		-	-	-	-	
<b>PhD to Post Doctoral</b>		-	-	-	-	
<b>Employed</b>		1%	2%	5%	-	
<b>Campus selection</b>		2%	5%	9%	16%	
<b>Other than campus</b>						
<b>Entrepreneurship/Self employment</b>		-	-	-	-	
<b>30. Details of Infrastructural facilities</b>						
Lecture Halls with ICT facility: 1						
Computer systems with printers and accessories: Printer-1, Computer-15, Projector-1, DVD-1, Camera-3, TV-1						
Internet connectivity: available						
Departmental Library: books-114						
<b>31. Number of students receiving financial assistance from college, university, government or other agencies:</b>						
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>			
2012-13	11	-	3			
2011-12	06	-	6			
2010-11	19	-	2			
2009-10	20	-	-			
<b>32. Details on student enrichment programmes (special lectures/workshops/seminar)</b>						

<b>with external experts</b>	
3 Invited Talks during 2007-2012, 3 external experts	
<b>33. Teaching methods adopted to improve student learning:</b>	
Learner centered IT oriented teaching methodology with stress on assignments Self learning and appropriate testing systems Virtual labs Outreach programme, seminars, Assignments & Projects Practical sessions	
<b>34. Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
No	
<b>35. SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	Documentary Film making Minor projects, seminars, Good team spirit among faculty. ICT based teaching
<b>Weakness</b>	No. of Practical class fewer No provision for Compassing and in house training
<b>Opportunities</b>	Enriched departmental library and laboratory
<b>Challenges</b>	To start PG course immediately (all ready sanctioned) To introduce certificate course
<b>Future Plan</b>	To instigate students more towards collaborative, Interactive and Independent Learning Organizing media house visit for the students and also organizing in-house training Making provision for modern software To introduce Post Graduate and certificate course in Journalism To invite more media personnel to impart more lectures and seminars

## Evaluative Report of Department of Political Science

<b>1. Name of the Department</b>		<b>Political Science</b>		
<b>2. Year of Establishment</b>		Date of Affiliation with G.O. NO. & DATE: Pass: C2836/42 dt 24.06.1957 Honours: C/7064/112dt 08.08.1968		
<b>3. Names of Programmes /Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B A Honours in Political Science B A General (Political Science as subject)	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Bengali, History, Journalism , Sociology, Geography & Education etc.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	Nil
		Associate Professors	2	02
		Asst. Professors (Substantive)	2	01
		Asst. Professors (Contractual Govt. aided)	Nil	Nil
		Asst. Professors (Management Appointee)	Nil	Nil
		Part time (Govt. aided)	1	1
		Part time (Management Appointee)	Nil	Nil
<b>10. Faculty Profile</b>				
Name		Qualification	Designation	Specialization
<b>Smt. Madhumita Ghosal</b>		M.A.M.Phil	Associate Professor & HOD	Local Self Government and Politics, Indian Politics ,Indian Political Thought
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
23 years		NA		
<b>Smt. Sumita Chakraborty</b>		M.A.	Associate Professor	Comparative Politics, Western Political Thought

	No of years of Experience	No. of PhD Students guided for the last 4 years		
	16 years	NA		
Sri Chanchal Chakraborti* Retired on May 2012	M.A.M.Phil	Associate Professor	Sociology	
	No of years of Experience	No. of PhD Students guided for the last 4 years		
	30 years	NA		
<b>Smt Molly Ghosh</b>	M.A.	Assistant Professor	International Relations, International Law, Political Theory, Gender Studies	
	No of years of Experience	No. of PhD Students guided for the last 4 years		
	12 years	NA		
<b>Smt Chaitali Sarkar</b>	M.A.	Part Time (Govt Aided)	Public Administration Local Self Government	
	No of years of Experience	No. of PhD Students guided for the last 4 years		
	6	NA		
<b>11. List of senior visiting faculty</b>		Sri Chanchal Chakraborty, M.A, MPhil		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>lectures delivered and practical classes handled</b>	-	-	-	-
<b>13. Student Teacher Ratio (programme</b>		<b>UG</b>		
	2012-13	2011-12	2010-11	2009-10
	41:1	38:1	37:1	27:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		Nil		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		MPhil-02; PG-03		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		UGC	Nil	
		DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>		Nil		

**19.Publications :**

- a) **Publication per faculty:**  
Molly Ghosh: **05 published ; Accepted for publication:04**
- b) **Number of papers published in peer reviewed journals (b1.national b2.international) by faculty and students**
- c) **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)- N.A**
- d) **Monographs: NA**
- e) **Chapter in Books**
- f) **Books Edited**
- g) **Books with ISBN/ISSN numbers with details of publishers**
- h) **Citation Index**
- i) **SNIP**
- j) **SJR**
- k) **Impact factor**
- l) **h-index**

Facu	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Smt. Molly Ghosh	5&4 (accepted) 03	1											

**20. Areas of Consultancy and Income Generated**

Consultancy on gender sensitization

Molly Ghosh: Trainer Associate in Gender Sensitization Workshop of UGC Sensitization and Motivation Programme of Women Managers in Higher Education

**21.Faculty as members in**

- a) **National committees** b) **International Committees** c) **Editorial Boards..**

<b>National committees</b>	Nil
<b>International Committees</b>	Nil
<b>Editorial Boards</b>	Nil

**22.Student projects**

a) <b>Percentage of students who have done in-house projects including inter departmental/programme</b>	Nil
b) <b>Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies</b>	NA

**23. Awards/ Recognitions received by faculty and students**

Tithi Dey 2<sup>nd</sup> Rank Holder; Madhurima Bhattacharjee 3<sup>rd</sup> Rank Holder; Monoswita Shaw 5<sup>th</sup> Rank Holder; Gyanesh Chakroborty 9<sup>th</sup> Rank Holder in University (WBSU) Exam 2013

**Mou Ghosal 1<sup>st</sup> Rank Holder**; Ishani Biswas 2<sup>nd</sup> Rank Holder in University (WBSU) Exam 2012

Swagata Chakraborty 8<sup>th</sup> Rank Holder; Moumita Saha 9<sup>th</sup> Rank Holder in University (WBSU) Exam 2011

**24.List of eminent academicians and scientists/ visitors to the department**

<b>Dignitary</b>	<b>Status</b>
Prof. Sobhanlal Dattagupa	Professor(Retd),,Department of Political Science, CU

Prof.Gopal Guru	Professor, Centre for Political Studies, JNU
Prof .Dipankar Sinha	Professor & HOD, Department of Political Science, CU
Prof .Partha Pratim Basu	Professor, Department of International Relations, Jadavpur
Prof. Debi Chatterjee	Professor, Department of International Relations, Jadavpur
Prof .Gautam Basu	Prof. Department of International Relations, JU
Prof. Surajit Mukherjee	National University of Juridical Sciences
Dr. Arijit Bhattacharyya	Department of Political Science, University of Burdwan
Dr Swatahsiddha Sarkar	Department of Sociology, North Bengal University

### 25. Seminars/ Conferences/ Workshops organized & the source of funding

	Event & Date	Funding Agency
<b>National</b>	National Seminar on "Questioning Identity: Response of the State and Community in Contemporary India". 23 & 24 August, 2013	UGC
	Workshop on New Syllabus in Political Science 04.08.2011	College and West Bengal State University
	Special Lecture Series I – Political Thought of Hegel Special Lecture Series II – Political Thought of Gramsci. 5.3.2012	Departmental
	"Contemporary Marxism: A Theoretical Overview" 12.12.2011	Departmental
	"Sojourn through Kazakhstan" Feb. 2012	Departmental
	Regionalism in Indian Perspective 24.4.2010	Departmental
	"73rd & 74th Amendment of the Constitution : West Bengal perspective" 19.01.2010	Departmental

### 26. Student profile programme/course wise

Year	Applications Received	Admitted	Appeared at the Final Examination		Pass percentage	No. of 1 <sup>st</sup>
			UG	UG		
	UG	UG	M	F	UG	
2013-14	147	65				
2012-13	325	65	13	22	100	-
2011-12	268	65	16	35	96.08	-
2010-11	320	65	16	29	95.56	-
2009-10	313	65	11	21	93.8	-

27. Diversity of Students	Students from the State	Students from other States	Students from other
	99%	Nil	1%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

2009		2010		2011		2012	
JRF	NET	JRF	NET	JRF	NET	JRF	NET
-	-	-	-	-	-	-	-
<b>29. Student progression</b>							
<b>Student Progression</b>		<b>Against % enrolled</b>					
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>		25%					
<b>PG to MPhil</b>		Nil	Nil	1%	Nil		
<b>PG to PhD</b>		Nil	Nil	Nil	Nil		
<b>PhD to Post Doctoral</b>							
<b>Employed</b>							
<b>Campus selection</b>							
<b>Other than campus</b>							
<b>Entrepreneurship/Self-employment</b>							
<b>30. Details of Infrastructural facilities</b>							
Lecture Room: 208 & 209 Computer : Laptop-1;Desktop-01 ICT enabled Lecture Room-01; Internet available							
Departmental Library: books-347.							
31. Number of students receiving financial assistance from college, university, government or other agencies:							
Period	College	University	Government or other agencies				
2012-13	08		02				
2011-12	32		08				
2010-11	32		06				
2009-10	26						
<b>32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
<ul style="list-style-type: none"> <li>• 1 National Seminar (2013),- 12 external experts</li> <li>• 2 Invited Talks during 2009-2013, 2 external experts</li> <li>• 5 Departmental Seminars during 2009-2013</li> <li>• 2 Workshops on Syllabus</li> </ul>							
<b>33. Teaching methods adopted to improve student learning:</b>							
<ul style="list-style-type: none"> <li>• Learner centered IT oriented teaching methodology</li> <li>• Assignments in certain papers</li> <li>• Departmental seminar presentation by students</li> <li>• Film Shows related to curriculum</li> <li>• Promoting participation of students in wall magazines, departmental news letter, college Magazine</li> <li>• Tutorial and remedial classes</li> </ul>							

<b>34. Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
<ul style="list-style-type: none"> <li>• Assistance to prepare learning material for visually handicapped students of Anne Sullivan Institution for the sightless</li> <li>• Enrollment in NSS &amp; NCC</li> <li>• Departmental work under earn and learn scheme</li> </ul>	
<b>35. SWOC analysis of the department and Future plans</b>	
<b>Strengths</b>	<ul style="list-style-type: none"> <li>• Good team spirit</li> <li>• Strong teacher-student interpersonal relations</li> <li>• Enthusiastic Participation of students in all departmental activities</li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>• Lack of students with high score at the enrollment level</li> <li>• Number of enrollment too high at honours level</li> <li>• Lack of regular contact and documentation of alumni</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>• Can introduce UGC sanctioned inter-disciplinary courses</li> </ul>
<b>Challenges</b>	<ul style="list-style-type: none"> <li>• Lack of staff well-versed in computers</li> </ul>

## Evaluative Report of Department of Philosophy

<b>1. Name of the Department</b>		<b>Philosophy</b>		
<b>2. Year of Establishment</b>		Date of Affiliation with G.O. NO. & DATE: Pass: C2836/42 dt 24.06.1957 honours: C/1187/112 dt 02.12.1999 G.O. No. 534/Edn(CS) dt. 20.04.2000		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	B A Honours in Philosophy B A General in Philosophy	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Bengali, History & Education etc.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	Nil
		Associate Professors <sup>^</sup>	-	-
		Asst. Professors (Substantive)	02	-
		Asst. Professors (Contractual Govt. aided)	1	1
		Asst. Professors (Management Appointee)	1	1
		Part time (Govt. aided)	-	-
<sup>^</sup> Sanctioned as per personal Promotion		Part time (Management Appointee)	1	1
<b>10. Faculty Profile</b>				
Name		Qualification	Designation	Specialization
<b>Smt. Dipali Hazra*</b> Rtd. on November 2012		M.A.	Associate Professor	
No. of Years of Experience		No. of PhD Students guided for the last 4 years		
30 years		Nil		
<b>Smt. Sibanwita Mukherjee</b>		M.A.	Assistant Professor & Coordinator (Contractual Govt. aided)	Logic and Scientific Method, Philosophy of Mind and Language (M.Phil)

	No. of Years of Experience	No. of PhD Students guided for the last 4 years		
	4 years and one months	Nil		
<b>Smt. Sreetama Bose</b>	M.A.	Assistant Professor (Management Appointee)	Logic	
	No. of Years of Experience	No. of PhD Students guided for the last 4 years		
	3 years and 3 months	Nil		
<b>Sri Seabrata Ghosh Dostidar</b>	M.A.	Part Time Class Basis Teacher (Management Appointee)	Cognitive Science	
	No of years of Experience	No. of PhD Students guided for the last 4 years		
	1 year and 10 months	Nil		
<b>11. List of senior visiting faculty</b>		Nil		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
Seabrata Ghosh Dastidar	25%	-	-	-
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>
	23:1	30:1	24:1	38:1
<b>14. Number of academic support staff (technical) and administrative staff</b>		Nil		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		1. <b>Sibanwita Mukherjee:</b> M.A, M.Phil. on Language, Thought and Language of Thought. 2. <b>Sreetama Bose:</b> M.A. 3. <b>Seabrata Ghosh Dastidar:</b> M.A.		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	Amount Sanctioned	
		UGC	Nil	
		DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>		Nil		

**19.Publications :**

- a) Publication per faculty
- b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students
- c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- d) Monographs
- e) Chapter in Books
- f) Books Edited
- g) Books with ISBN/ISSN numbers with details of publishers
- h) Citation Index
- i) SNIP
- j) SJR
- k) Impact factor
- l) h-index

Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Smt. Sibanwita Mukherjee	1												

**20. Areas of Consultancy and Income Generated**

Nil

**21.Faculty as members in****a)National committees b)International Committees c)Editorial Boards..**

<b>National committees</b>	Nil
<b>International Committees</b>	Nil
<b>Editorial Boards</b>	Nil

**22.Student projects**

<b>a)Percentage of students who have done in-house projects including inter departmental/programme</b>	Nil
<b>b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other</b>	Nil

**23.Awards/ Recognitions received by faculty and students**

Sreosree Bhattachary 5<sup>th</sup> Rank Holder &Soma Ghosh 10<sup>th</sup> Rank Holder in University (WBSU) Exam 2013  
 Rakhi Sur 4<sup>th</sup> Rank Holder; Tanima Dhar 5<sup>th</sup> Rank Holder; Nupur Sen 6<sup>th</sup> Rank Holder in University (WBSU) Exam 2011

**24.List of eminent academicians and scientists/ visitors to the department**

Dignitary	Status
<b>Prof. Kumar Mitra</b>	Rabindra Bharati University

**25.Seminars/ Conferences/Workshops organized & the source of funding**

Event & Date	Funding Agency
<b>National</b>	Nil

**26.Student profile programme/course wise Philosophy Honours**

Year	Applications Received	Admitted	Appear at the Final Examination		Pass percentage	No. of 1 <sup>st</sup> Class
	UG	UG	UG		UG	
			M	F		
2013-14	127	50				
2012-13	314	50	0	24	92	02
2011-12	278	50	04	34	87	0
2010-11	329	50	01	28	100	05
2009-10	264	50	07	29	80	03
<b>27.Diversity of Students</b>		<b>Students from the State (WB)</b>	<b>Students from other States</b>		<b>Students from other countries</b>	
		100%	Nil		Nil	
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. Data is not recorded</b>						
2009		2010		2011		2012
JRF	NET	JRF	NET	JRF	NET	JRF
<b>29.Student progression</b>						
<b>Student Progression</b>		<b>Against % enrolled</b>				
		<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>	
<b>UG to PG</b>		16%	39%	54%	40%	
<b>PG to MPhil</b>		Nil	Nil	Nil	Nil	
<b>PG to PhD</b>		Nil	Nil	Nil	Nil	
<b>PhD to Post Doctoral</b>		Nil	Nil			
<b>Employed</b>		Nil	Nil	Nil	Nil	
<b>Campus selection</b>						
<b>Other than campus</b>						
<b>Entrepreneurship/Self-employment</b>		Nil	Nil	Nil	Nil	
<b>30. Details of Infrastructural facilities</b>						
<b>Lecture Room:</b> 201 & 202						
<b>Computer :</b> available						
Departmental Library: books - 296						
31.Number of students receiving financial assistance from college, university, government or other agencies:						
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>			
2012-13	04		02			
2011-12	16		07			
2010-11	15		03			
2009-10	14					
<b>32.Details on student enrichment programmes (special lectures/workshops/seminar) with external experts</b>						

Topic : "Square of Opposition " & " Problem of Induction"  
 Date of Seminar : 14th September, 2009  
 Speakers : Prof. Kumar Mitra, Rabindra Bharati University & students

**33. Teaching methods adopted to improve student learning:**

Interactive method: chalk and talk.  
 Presentation by faculty & students.  
 Debates, walk-in-quiz, wall magazine.  
 Parents-teachers interaction.  
 Career-fair.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities**

Compulsory Social Service Scheme (NSS), NCC.

**35. SWOC analysis of the department and Future plans**

<b>Strengths</b>	Good team spirit among faculty and students.
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## Evaluative Report of Department of Sociology

<b>1. Name of the Department</b>		<b>Sociology</b>		
<b>2. Year of Establishment</b>		Date of Affiliation with G.O. NO. & DATE: Honours : C/6314/112-Affl. dt 23.08.04		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	<b>B A Honours in Sociology</b>	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Supports in the teaching within the curriculum of the Departments of Political Science, Environmental Science, Geography, Food Nutrition</b>		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Prof. (substantive)	01	<b>01(onlien)</b>
		Asst. Professors (Substantive)	01	-
		Asst. Professors (Contractual Govt. aided)	02	<b>02</b>
		Asst. Professors (Management Appointee)	-	-
		Part time (Govt. aided)	01	<b>01</b>
Part time (Management Appointee)	-	-		
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>Smt. Sutapa Ghosh</b>	M.A, NET,SLET	Asst. Professors (Contractual Govt. aided)	<b>Population Studies</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	15	-		
<b>Sri Angshuman Chakraborty</b>	M.A, NET,SLET	Asst. Professors (Contractual Govt. aided) & Coordinator	<b>Rural and Urban Sociology</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		
	13	-		

<b>Dr. Jyotiprasad Chatterjee</b>	M.A. Ph. D	Associate Professor	<b>Population Studies</b>	
No of years of Experience		<b>No. of PhD Students guided for the last 4 years</b>		
19		-		
<b>Smt. Sutapa Basu Dhar</b>	M.A.	Part time (Govt. aided)	<b>Demography</b>	
No of years of Experience		<b>No. of Ph.D. Students guided for the last 4 years</b>		
5		-		
<b>11. List of senior visiting faculty</b>		-		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>Not Applicable</b>				
<b>13. Student Teacher Ratio (programme wise)</b>				
	2012-13	2011-12	2010-11	<b>2009-10</b>
	25:1	32:1	34:1	<b>30:1</b>
<b>14. Number of academic support staff (technical) and administrative staff</b>		Nil		
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		Ph.D.- 1 P.G.-3		
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil		
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency	<b>Amount Sanctioned</b>	
		UGC	Nil	
		DST-FIST	Nil	
<b>18. Research Centre/Facility recognized by the University</b>		Nil		
<b>19. Publications :</b>				
a) Publication per faculty				
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students				
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)				
d) Monographs				

e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index													
Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Smt.Sutapa Ghosh	1							1					
Sri. Angshuman Chakraborty	4					4							
Sri. Jyotiprasad Chatterjee	8	2	-			6							
Smt.Sutapa Basu Dhar	1							1					
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21.Faculty as members in</b>													
a)National committees b)International Committees c)Editorial Boards..													
National Committees	01												
International Committees	Nil												
Editorial Boards	Nil												
<b>22.Student projects</b>						All the 2 <sup>nd</sup> year Hons. Students (as a part of their curriculum), Students also participate in Health, Equal Opportunity Cell, Blood Donation Camp organized by NSS unit etc.							
a)Percentage of students who have done in-house projects including													
inter departmental/programme						15 students							
b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies													
<b>23.Awards/ Recognitions received by faculty and students</b>													
Received active NSS programme officer award of Barrackpore Rastraguru Surendranath College Unit by West Bengal State University (NSS Cell) in 2012-13 by Angshuman Chakraborty. Achievements of the students: 1 <sup>st</sup> class 3 <sup>rd</sup> and 7 <sup>th</sup> Rank(2010),1 <sup>st</sup> class 2 <sup>nd</sup> and 4 <sup>th</sup> ,5 <sup>th</sup> ,6 <sup>th</sup> ,7 <sup>th</sup> ,8 <sup>th</sup> ,9 <sup>th</sup> and 10 <sup>th</sup> Rank (2013) at U.G. level under WBSU, 2 <sup>nd</sup> runner up in Table Tennis Inter-Club State Championship 2013 and 2 <sup>nd</sup> in recitation organized by Golden Club, Belehata, Kolkata in 2013(1),2 <sup>nd</sup> in Kanchrapara (2 Air SQN NCC) and 5 <sup>th</sup> in Khidirpore (2													
<b>24.List of eminent academicians and scientists/ visitors to the department</b>													
<b>Dignitary</b>						<b>Status</b>							
Prof. Abhijit Mitra						President of SAWB							

<b>Prof. Sobhanlal Duttagupta</b>	<b>University of Calcutta</b>							
<b>Prof. Debi Chatterjee</b>	<b>Professor, Jadavpur University</b>							
<b>Prof. Gopal Guru</b>	<b>JNU, New Delhi</b>							
<b>Dr. Maitraye Chaudhury</b>	<b>Professor and Chairperson, Centre for the Study of Social System (CSSS),JNU.</b>							
<b>Dr. Surajit Mukherjee</b>	<b>Registrar, National University of Juridical Sciences, Kolkata.</b>							
<b>Dr. Sanjeer Alam</b>	<b>Assist. Professor, C.S.D.S. Delhi.</b>							
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>								
	<b>Event &amp; Date</b>				<b>Funding Agency</b>			
<b>National</b>	• National Seminar on “ Sociology in the 21 <sup>st</sup> Century: The First Decade” 6 <sup>th</sup> December, 2010				<b>UGC</b>			
	• National Seminar on “Questioning Identity: Response of the State and Community in India” 23-24 <sup>th</sup> August,2013				<b>UGC</b>			
<b>26.Student profile programme/course wise-Sociology Honours</b>								
<b>Year</b>	<b>Applications received*</b>		<b>Admitted</b>		<b>Appeared at the Final Examination</b>	<b>Pass percentag</b>	<b>No. of 1<sup>st</sup> Class</b>	
	<b>UG</b>		<b>UG</b>		<b>UG</b>		<b>UG</b>	
				<b>M</b>	<b>F</b>			
<b>2013-14</b>	40		34					
<b>2012-13</b>	60		34		05	28	84.85	<b>01</b>
<b>2011-12</b>	63		50		07	42	93.88	<b>0</b>
<b>2010-11</b>	60		46		07	22	93.10	<b>02</b>
<b>2009-10</b>	75		65		24		87.5	<b>-</b>
<b>(* Direct Admission ratio is not maintained)</b>								
<b>27.Diversity of Students</b>		<b>Students from the State</b>		<b>Students from other States</b>		<b>Students from other countries</b>		
		100%		-		-		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>								
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>		
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>CISF</b>	<b>SET</b>	<b>JRF</b>	<b>NET</b>	
				1	1			
<b>29.Student progression</b>								
<b>Student Progression</b>		<b>Against % enrolled</b>						
		<b>2013-14</b>	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>	<b>2009-10</b>		
<b>UG to PG</b>			30.3	19	24	<b>25</b>		
<b>PG to MPhil</b>			1 pursuing)					
<b>PG to PhD</b>			1(pursuing)					
<b>PhD to Post Doctoral</b>								
<b>Employed</b>			1					
<b>Campus selection</b>		1						
<b>Other than campus</b>		-	1	6				

<b>Entrepreneurship/Self-employment</b>			
<b>30. Details of Infrastructural facilities</b>			
Two class rooms, one departmental library, one desktop computer, one laptop , one L.C.D. projector, one white board, two almirahs Internet connectivity: available, SPSS Software			
Departmental Library: books – 111, Journals - E-data Base:e-books			
<b>31.Number of students receiving financial assistance from college, university, government or other agencies</b>			
<b>Period</b>	<b>College</b>	<b>University</b>	<b>Government or other agencies</b>
2012-13	04		-
2011-12	03		06
2010-11	05		02
2009-10	06		-
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>			
2 National Seminars (2010,2013) with 18 External Experts, Departmental Seminars(2010-13) with 7 External Experts, Career Fair with 2 External Experts			
<b>33.Teaching methods adopted to improve student learning:</b>			
Learner centered IT oriented teaching methodology Self learning and appropriate testing system Use of ICT through presentation by faculty & students Outreach programme, seminars, Assignments & Projects Practical sessions, Remedial coaching Workshops, debates, group discussion, wall magazine (PRATIBIMBA)			
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>			
Students are motivated to work for destitute, mentally and physically challenged people, NSS Extension Activities (50% of students are involved during 2010-13)			
<b>35.SWOC analysis of the department and Future plans</b>			
<b>Strengths</b>	Nodal Department in the Institutional collaboration with the CSDS, Delhi. Conducted two national seminars. Good team spirit among faculty. General improvement of the teaching-learning environment. Enthusiastic Participation of students in all departmental activities Strong teacher-student interpersonal relations		
<b>Weakness</b>	Shortage of Fulltime Govt. aided teaching post. Unfavorable Teacher Student ratio. Inadequate infrastructure for ICT based learning. Shortage of books (Bengali version) for departmental library		

<b>Opportunities</b>	<p><b>To generate, maintain and upgrade social database of Barrackpore and beyond.</b></p> <p><b>To introduce PG Courses</b></p> <p><b>To explore the scope for involvement of the department in working in different sociological aspects with other external agencies</b></p>
<b>Challenges</b>	<p><b>To inculcate among the students the capability of sociological imagination.</b></p> <p><b>Motivation of the society to participate in the Sociology curriculum.</b></p>
<b>Future Plan</b>	<p><b>Involvement of teachers as Ph.D. supervisors under W.B.S.U and other universities.</b></p>

## Evaluative Report of Department of Commerce [(i) Accounts & Finance and (ii) Marketing]

<b>1. Name of the Department</b>		<b>(i) Accounts &amp; Finance (ii) Marketing</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: C/2736/42 dt 29.06.1961 Honours: C11526/112 dt. .06.02.1970 P.G. No. 1010/(3)/UCAC dt. 18.10.05</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>	UG	<b>B.Com. Honours in Accounts &amp; Finance B.Com. Honours in Marketing B.Com General in Commerce</b>		
	PG	<b>M.Com. In Accounts, finance &amp; Control M.Com. in Marketing Management</b>		
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		<b>Annual-for UG Courses Semester-wise choice based credit system-for PG Courses.</b>		
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Supports in the teaching within the curriculum of the Department like Economics, Bachelor of Business Administration, Career Oriented Courses like CAAT, FTM etc.</b>		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>
		Professors	Nil	-
		Associate Professors	3	<b>3</b>
		Asst. Professors (Substantive)	4	<b>1</b>
		Asst. Professors (Contractual Govt. aided)	4	<b>4</b>
		Asst. Professors (Management Appointee)	1	<b>1</b>
		Part time (Govt. aided)	1	<b>1</b>
		Part time & Guest Faculty (Management Appointee)	7	<b>7</b>
<b>10. Faculty Profile</b>				
<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	
<b>CA. Sandip Kr. Chakraborty</b>	M.Com. LLB, FCA	Associate Professor	<b>Accounting</b>	
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>		

			-
<b>Sri Samir Kr. Mukherjee</b>	M.Com.	Associate Professor	<b>Accounting</b>
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	22 Years	-	
<b>Sri Partha Banerjee</b>	M.Com.	Associate Professor	<b>Marketing</b>
	No. of Years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	20 Years	-	
<b>Sri Biswajit Dey</b>	MCom., M.Phil.	Associate Professor	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	16 Years	-	
<b>Dr. Abhijit Kundu</b>	M.Com., ACA, Ph.D.	Asst. Professor	<b>Accounting &amp; Finance</b>
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>	
	12 Years	-	
<b>Sri Anirban Chakraborty</b>	M.Sc(Phy),M BM M.Phil	Asst. Professors (Contractual Govt. aided)	<b>Marketing Management</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	10 Years	-	
<b>Capt. Galive Iquebal</b>	M.Com. ,M.Phil	Asst. Professor (Management Appointee)	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	17 Years		
<b>Sri Kallol Saha</b>	M.Com., M.Phil	Asst. Professors (Contractual Govt. aided)	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	12 Years		
<b>Sri Subrata Roy</b>	M.Com., M.Phil	Asst. Professors (Contractual Govt. aided)	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	15 Years		
<b>Dr. Manabendra Sekhar Bhadra</b>	M.Com., Ph.D.	Asst. Professors (Contractual Govt. aided)	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	14 Years		
<b>Sri Arnab Majumder</b>	MBA	Part time (Govt. aided)	<b>Management</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	5 Years		
<b>Sri Shuvendu Roychoudhury</b>	M.Com.	Part time (Management Appointee)	<b>Accounting</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	12 Years		

<b>Sri Avik Chattopadhyay</b>	MBA,M.Com.	Part time (Management	<b>Management</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	5 Years		
<b>Smt. Ankita Ghosh</b>	M.Com.	Part time (Management	<b>Marketing MGT</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	2 Years		
<b>Smt Alankrita Dutta</b>	M.Com.	Part time (Management Appointee)	<b>Accounting, Finance &amp; Control</b>
	No of years of Experience	<b>No. of Ph.D. Students guided for the last 4 years</b>	
	2 Years		
<b>Sri Soumya Ganguly</b>	M.Com., M.Phil	Part time (Management Appointee)	<b>Accounting, Finance &amp; Control</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	2 Years		
<b>Sri Pritam Ghosh</b>	MCA	Guest Faculty	<b>Software Development</b>
	No of years of Experience	<b>No. of PhD Students guided for the last 4 years</b>	
	8 Years		
<b>Sri Tapan Kr. Samanta</b>	M.Com AICWA	Guest Faculty	<b>Accounting</b>
	No of years of Experience		
	7 Years		
<b>Sri Dipak Das Chowdhury</b>	MA, LLB, LLM.	Guest Faculty	<b>Accounting</b>
	No of years of Experience		
	10 Years		
<b>Sri Vijay Anand Sah</b>	M. Com, M. Phil	Guest Faculty	<b>Accounting</b>
	No of years of Experience		
	8 Years		
<b>Sri Arindam Mukherjee</b>	MBA (HR), PGDM (Labour & Admin Law)	Guest Faculty	<b>HR Management</b>
	No of years of Experience		
<b>Sri Arindam Chakraborty</b>	MBA, M. Phil, MA (Eco)	Guest Faculty	<b>Finance</b>
	No of years of Experience		
	10 Years		

11. List of senior visiting faculty	<b>Prof. Uttam Dutta, WBSU</b> <b>Prof. Sunil Gandhi, KU</b> <b>Dr. Rajiv Dasgupta, CU</b> <b>Dr. Pranam Dhar, WBSU</b> <b>Dr. Soma Sur, WBSU</b> <b>Dr. Sharmistha Banerjee, CU</b> <b>Dr. Tanupa Chakraborty, CU</b>		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>			
2009-10	2010-11	2011-12	2012-13
13. Student Teacher Ratio (programme wise)	Year	UG	PG
	2009-10	49:1	6:1
	2010-11	51:1	9:1
	2011-12	52:1	9:1
	2012-13	52:1	9:1
14. Number of academic support staff (technical) and administrative staff	Sri Animesh Chakraborty		
15. Qualifications of teaching faculty with	Ph.D.- 2 M.Phil.- 6 PG-14 CA-2		
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	6 (UGC-MRP)		
	01 (College Funded)		
17. Departmental projects funded by DST- FIST; DBT, ICSSR, etc. and grants received	Funding Agency	Amount Sanctioned	
18. Research Centre/Facility recognized by the University	One - Center for Studies in Financial Markets Research Centre formation is in Pipeline as some faculty members are initiating Ph.D guidance		
<b>19. Publications :</b> <b>a) Publication per faculty</b> <b>b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students</b> <b>Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b> <b>d) Monographs</b>			

<b>e) Chapter in Books</b> <b>f) Books Edited</b> <b>g) Books with ISBN/ISSN numbers with details of publishers</b> <b>h) Citation Index</b> <b>i) SNIP</b> <b>j) SJR</b> <b>k) Impact factor</b> <b>l) h-index</b>													
Faculty	A	b1	b2	c	d	e	f	g	h	i	j	k	l
Sri Biswajit Dey		2				1							
Dr. Abhijit Kundu		4					1						
Sri Kallol Saha *Co – author of books		1				2*							
Dr. Manabendra Sekher Bhadra		6											
Sri Subrata Ray *Co – author of books						1*							
Sri Soumya Ganguly			1			1							
Smt Alankrita Dutta						1							
<b>20. Areas of Consultancy and Income Generated</b>													
<b>Secretarial and Taxation Services offered to M/S SPACHAM SURGICAL LTD. Honorary Service by Dept. Faculty Kallol Saha.</b>													
<b>21. Faculty as members in</b> <b>a) National committees b) International Committees c) Editorial Boards.</b>													
<b>National Committees</b>													
<b>International Committees</b>													
<b>Editorial Boards</b> <b>6 members- Editorial Board of Journal of Business and Economic Issues</b>													
<b>22. Student projects</b> <b>a) Percentage of students who have done in-house projects including inter departmental/programme</b>											<b>At PG Level – 80%</b>		
<b>b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies</b>											<b>At PG Level – 20%</b>		
<b>23. Awards/ Recognitions received by faculty and students</b>													

**Accounts & Finance**

**Sk Imran Babu 1<sup>st</sup> Rank Holder & other three students are Rank Holder in University (WBSU) Exam 2013**  
**Suraj Kumar Yadav (6<sup>th</sup>); Barnali Mukherjee (7<sup>th</sup>); Suman Kumar Barman (8<sup>th</sup>); Debajit Dey (10<sup>th</sup>) Rank**  
**Holder in University (WBSU) Exam 2012**

**Archanita Banerjee 1<sup>st</sup> Rank Holder & other seven students within Top Ten Rank in University (WBSU)**  
**Exam 2011**

**Marketing**

**Juli Saini 1<sup>st</sup> Rank Holder & other seven students within top 10 in University (WBSU) Exam 2013**

**Prity Das 1<sup>st</sup> Rank Holder & Other nine students within top 10 in University (WBSU) Exam 2012**

**Amit Chakraborty 1<sup>st</sup> Rank Holder & Other eight students within top 10 in University (WBSU) Exam 2011**

**Sappati Jagadeesh 7<sup>th</sup> Rank Holder in University (CU) Exam 2010**

**24.List of eminent academicians and scientists/ visitors to the department**

<b>Dignitary</b>	<b>Status</b>
<b>Prof. Dr. Barindra Kumar Basu.</b>	<b>Ex- Dean, Faculty of Commerce, CU and President of Alumni, BRSN COLLEGE</b>
<b>Prof. Arun Kumar Basu</b>	<b>Professor, Dept. of Commerce, CU.</b>
<b>Dr. Malayendu Saha.</b>	<b>Vice Chairman, West Bengal Higher Education Council.</b>

**25.Seminars/ Conferences/Workshops organized & the source of funding**

	<b>Event &amp; Date</b>	<b>Funding Agency</b>
<b>Departmental</b>	1.Issues on IFRS: 21.2.2009	<b>College</b>
	2. Reforms in Direct Taxes in India: DTC, 2009: 10.4.2010	<b>College</b>
	3.Revised Schedule VI of Companies Act, 1956: A review: 20.4.2012	<b>College</b>
	4. Contemporary Issues on Accounting and Finance: 15.9.2012	<b>College</b>
	6. Contemporary Issues on Marketing Management: 28.9.2012	<b>College</b>
	7. Companies Act, 2013: 27.9.2013	<b>College</b>
	<b>National</b>	UGC Sponsored National Seminar on Changing Paradigm of Accounting & Taxation in 21st Century: Challenges to Indian Business & Commerce Education: 6 <sup>th</sup> & 7 <sup>th</sup> Jan,2012

<b>26.Student profile programme/course wise (Accounts &amp; Finance) UG+PG</b>												
Year	Applications received		Admitted		Appeared at the Final Examination				Pass percentage	No. of 1 <sup>st</sup> Class	Pass percentage	No. of 1 <sup>st</sup> Class
	UG	PG	UG	PG	UG		PG					
					M	F	M	F				
<b>2013-14</b>	1007	247	150	40								
<b>2012-13</b>	1141	224	150	40	75	58	12	20	97	42	100	24
<b>2011-12</b>	1157	258	150	40	63	69	16	20	96	62	100	35
<b>2010-11</b>	1316	303	150	40	76	50	10	13	99	62	100	21
<b>2009-10</b>	1113	354	150	40	75	60	08	12	92.5	45	100	20
<b>Student profile programme/course wise (Marketing) UG+PG</b>												
Year	Applications received		Admitted		Appeared at the Final Examination				Pass percentage	No. of 1 <sup>st</sup> Class	Pass percentage	No. of 1 <sup>st</sup> Class
	UG	PG	UG	PG	UG		PG					
					M	F	M	F				
<b>2013-14</b>	210	145	125	40								
<b>2012-13</b>	429	135	125	35	53	44	11	20	92.78	15	100	29
<b>2011-12</b>	278	155	125	35	68	51	14	10	94.12	28	100	21
<b>2010-11</b>	425	184	125	35	82	35	12	27	98.29	36	100	30
<b>2009-10</b>	367	152	125	35	68	33	10	07	100	03	100	17
<b>27.Diversity of Students</b>			<b>Students from the State</b>				<b>Students</b>		<b>Students from other countries</b>			
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>												
<b>2009</b>			<b>2010</b>			<b>2011</b>			<b>2012</b>			
<b>JRF</b>		<b>NET</b>	<b>JRF</b>		<b>NET</b>	<b>JRF</b>		<b>NET</b>	<b>JRF</b>		<b>NET</b>	
								1			2	
<b>29.Student progression</b>												
<b>Student Progression</b>				<b>Against % enrolled</b>								
				<b>2012-13</b>		<b>2011-12</b>		<b>2010-11</b>		<b>2009-10</b>		
<b>UG to PG</b>				34%		32 %		28 %		32 %		
<b>PG to M. Phil</b>						6 %		5 %		5 %		
<b>PG to Ph. D</b>												

<b>PhD to Post Doctoral</b>				
<b>Employed</b>		12%	10%	12%
<b>Campus selection</b>				<b>11%</b>
<b>Other than campus</b>				
<b>Entrepreneurship/Self-employment</b>				
<b>30. Details of Infrastructural facilities</b>				
<b>Digital Classroom with ICT facility:1</b>				
<b>Computer Lab : 1</b>				
<b>Computer systems with printers and accessories:28 (PC) + 1 (Laptop)+3 (Projectors)</b>				
<b>Internet connectivity: Available</b>				
<b>Departmental Library: books – 114, Journals -7</b>				
<b>31.Number of students receiving financial assistance from college, university, government or other agencies:</b>				
<b>Period</b>		<b>College</b>	<b>University</b>	<b>Government or other agencies</b>
<b>2012-13</b>	ACF	30		<b>05</b>
	MRT	28		<b>-</b>
<b>2011-12</b>	ACF	43		<b>10</b>
	MRT	23		<b>13</b>
<b>2010-11</b>	ACF	25		<b>11</b>
	MRT	19		<b>10</b>
<b>2009-10</b>	ACF	65		<b>03</b>
	MRT	29		<b>-</b>
<b>32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>				
<b>1 National Seminar (2012) with 15 external experts</b>				
<b>33.Teaching methods adopted to improve student learning:</b>				
<b>Learner centered IT oriented teaching methodology with stress on assignments</b>				
<b>Self learning and appropriate testing systems</b>				
<b>Presentation by faculty &amp; students, mobile Labs to other institutions</b>				
<b>Outreach programme, seminars, Assignments &amp; Projects</b>				
<b>Practical sessions, Remedial coaching</b>				
<b>Workshops, debates, walk-in-quiz, wall magazine</b>				
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>				
<b>Participation of the departmental students in NSS activities (Blood Donation Camp, Earn &amp; Learn scheme etc.) of the college.</b>				
<b>35.SWOC analysis of the department and Future plans</b>				

<b>Strengths</b>	<p><b>Good relationship between teachers and students.</b></p> <p><b>Adequate number of books of subject in Central library</b></p> <p><b>Balanced infrastructure in terms of classroom availability,</b></p> <p><b>Spacious classrooms,</b></p> <p><b>Well equipped laboratories with adequate computers &amp; projectors for ICT based learning.</b></p> <p><b>Peer Reviewed ISBN Journal published by the department.</b></p>
<b>Weakness</b>	<p><b>High teacher student ratio at UG level</b></p> <p><b>Number of books in Departmental library.</b></p>
<b>Opportunity</b>	<p><b>Creation of opportunities for pursuing M.Phil. &amp; Ph.D. Courses for the PG students</b></p> <p><b>Scope for research oriented publications derived from projects carried out at PG level.</b></p>
<b>Challenges</b>	<p><b>To arrange refresher courses on latest syllabus of Higher Secondary (commerce) Level for HS Teachers of schools located in surrounding areas.</b></p> <p><b>Introduction of MBA Course</b></p> <p><b>Organization of International seminar.</b></p>
<b>Future Programme</b>	<p><b>To implement CBCS (Choice Based Credit System) in M.Com curriculum.</b></p> <p><b>To encourage PG students in extensive collaborative interdisciplinary research work.</b></p> <p><b>Dept. Faculty to act as research guides in Universities through research centre.</b></p> <p><b>To encourage the involvement of all departmental teachers in research activities.</b></p> <p><b>Subscribe for more e-journals and newsletters.</b></p> <p><b>Organize International, National &amp; State Level Seminars.</b></p>

## Evaluative Report of Department of Film Studies

<b>1. Name of the Department</b>		<b>Film Studies</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: C/2065A/112 dt 10.09.2001 G.O. No. 1223-Edn(CS) dt.30.09.2002</b>		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD, etc.)</b>		UG	Film Studies as General subject in B A General and in Bengali, English and Journalism Honours.	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>		Supports in the teaching within the curriculum of the Department like Journalism & Mass Communication.		
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors	Nil	Nil
		Asst. Professors (Substantive)	01	01
		Asst. Professors (Contractual Govt. aided)	Nil	Nil
		Asst. Professors (Management Appointee)	Nil	Nil
		Part time (Govt. aided)	01	01
Part time (Management Appointee)	01	0		
<b>10. Faculty Profile</b>				
Name		Qualificatio	Designation	Specialization
Sri Debasish Chakraborty		M.A.	Part time (Govt. aided)	
No of years of Experience		No. of Ph.D. Students guided for the last 4 years		
13 yrs		-		
<b>11. List of senior visiting faculty</b>				
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
	0%			

<b>13. Student Teacher Ratio (programme wise)</b>	UG													
	48:1													
<b>14. Number of academic support staff (technical) and administrative staff</b>	01													
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>	PG-01													
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>	Nil													
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>	Funding Agency							Amount Sanctioned						
	UGC							Nil						
	DST-FIST							Nil						
<b>18. Research Centre/Facility recognized by the University</b>	Nil													
<b>19. Publications :</b>														
a) Publication per faculty														
b) Number of papers published in peer reviewed journals (b1.national / b2.international) by faculty and students														
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)														
d) Monographs														
e) Chapter in Books														
f) Books Edited														
g) Books with ISBN/ISSN numbers with details of publishers														
h) Citation Index														
i) SNIP														
j) SJR														
k) Impact factor														
l) h-index														
Facult	A	b1	b2	c	d	e	f	g	h	i	j	k	l	
Sri Debasish Chakraborty														
<b>20. Areas of Consultancy and Income Generated</b>														
<b>21. Faculty as members in</b>														
a) National committees b) International Committees c) Editorial Boards..														
<b>National Committees</b>							Nil							
<b>International Committees</b>							Nil							
<b>Editorial Boards</b>							Nil							
<b>22. Student projects</b>										100%				
a) Percentage of students who have done in-house projects including														

<b>inter departmental/programme</b>									
<b>b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies</b>									
<b>23.Awards/ Recognitions received by faculty and students</b>									
<b>24.List of eminent academicians and scientists/ visitors to the department</b>									
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>									
				<b>Event &amp; Date</b>		<b>Funding Agency</b>			
Nil									
<b>26.Student profile programme/course wise</b>									
<b>Year</b>		<b>Applications Received*</b>		<b>Selected</b>		<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	
		UG		UG		UG		UG	
<b>2013-14</b>		2296		300					
<b>2012-13</b>		1482		300					
<b>2011-12</b>		2348		300					
<b>2010-11</b>		1732		300					
<b>2009-10</b>		2102		300					
*Data showing the number of B.A. General Course as the individual subject-wise data of General course is not maintained.									
<b>27.Diversity of Students</b>			<b>Students from the State</b>			<b>Students from other States</b>		<b>Students from other</b>	
			100%						
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>									
2009		2010			2011		2012		
JRF	NET	JRF	NET	JRF	NET	JRF	NET		
<b>29.Student progression: N.A. Data not separately maintained as General Paper</b>									
<b>30. Details of Infrastructural facilities</b>									
Lecture Halls with ICT facility:1 Computer systems with accessories:1; DVD Player: 01; Television Set: 01, Handycam with accessories (Sony):01; Internet connectivity: available									
31.Number of students receiving financial assistance from college, university, government or other agencies: <b>N.A. Data not separately maintained as General Paper</b>									
<b>32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>									
Nil									
<b>33. Teaching methods adopted to improve student learning:</b>									
Learning through Regular film screening Learner centered teaching methodology with stress on assignments Practical sessions									

<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
N.A.	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Future Plan</b>	Opening up of Honours Course in Film Studies

## Evaluative Report of Department of Urdu

<b>1. Name of the Department</b>		<b>Hindi</b>			
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE: Pass: Aff-WBSU/JS/119/SCHE/2012 Dated 20.03.2012</b>			
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	<b>B A General (Urdu as subject)</b>		
<b>4. Names of Interdisciplinary courses and departments involved</b>		<b>Nil</b>			
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		<b>Annual</b>			
<b>6. Participation of the department in the courses offered by other departments</b>		<b>Nil</b>			
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		<b>Nil</b>			
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		<b>Nil</b>			
<b>9. Number of teaching posts sanctioned and filled</b>			<b>Sanctioned</b>	<b>Filled</b>	
		Professors	Nil	-	
		Associate Professors	Nil	<b>Nil</b>	
		Asst. Professors (Substantive)	Nil	<b>Nil</b>	
		Asst. Professors (Contractual Govt. aided)	Nil	<b>Nil</b>	
		Asst. Professors (Management Appointee)	Nil	<b>Nil</b>	
		Part time (Govt. aided)	Nil	<b>Nil</b>	
	Part time (Management Appointee)	1	<b>1</b>		
<b>10. Faculty Profile</b>					
<b>Name</b>		<b>Qualificatio</b>	<b>Designation</b>		<b>Specialization</b>
<b>Dr. Salma Khatoon</b>		M.A., Ph.D.	Part time (Govt. aided)		<b>Iqbal</b>
		<b>No. of Years of Experience</b>	<b>No. of PhD Students guided for the last 4 years</b>		
		1.5 years	<b>Nil</b>		
<b>11. List of senior visiting faculty</b>					
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>					
		<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>lectures delivered</b>		-	-	-	<b>100%</b>

13. Student Teacher Ratio (programme wise)	UG												
	2012-13	2011-12	2010-11	2009-10									
	44:1	-	-	-									
14. Number of academic support staff (technical) and administrative staff	Nil												
15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG	Ph.D.- 1												
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	Nil												
17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received	Funding Agency	Amount Sanctioned											
	UGC	Nil											
	DST-FIST	Nil											
18. Research Centre/Facility recognized by the University	Nil												
<b>19. Publications :</b> a) Publication per faculty b) Number of papers published in peer reviewed journals (b1.national /b2.international) by faculty and students c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) d) Monographs e) Chapter in Books f) Books Edited g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index i) SNIP j) SJR k) Impact factor l) h-index													
<b>Faculty</b>	<b>A</b>	<b>b1</b>	<b>b2</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
<b>Dr. Salma Khatoon</b>													
<b>20. Areas of Consultancy and Income Generated</b>													
Nil													
<b>21. Faculty as members in</b>													
a) National committees b) International Committees c) Editorial Boards..													
<b>National Committees</b>	Nil												
<b>International Committees</b>	Nil												
<b>Editorial Boards</b>	Nil												
<b>22. Student projects</b>										Nil			
a) Percentage of students who have done in-house projects including inter departmental/programme													

<b>b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies</b>						<b>Nil</b>	
<b>23.Awards/ Recognitions received by faculty and students</b>							
<b>Nil</b>							
<b>24.List of eminent academicians and scientists/ visitors to the department: Nil</b>							
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>							
				<b>Event &amp; Date</b>		<b>Funding Agency</b>	
<b>National</b>							
<b>26.Student profile programme/course wise</b>							
<b>Year</b>	<b>Applications Received*</b>		<b>Selected</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentag</b>	<b>No. of 1<sup>st</sup> Class</b>
	UG		UG	UG		UG	
				M	F		
<b>2013-14</b>	2296		300				
<b>2012-13</b>	1482		300				
<b>2011-12</b>	-		-				
<b>2010-11</b>	-		-				
<b>2009-10</b>	-		-				
*Data showing the number of B.A. General Course as the individual subject-wise data of General courses are not maintained.							
<b>27. Diversity of Students</b>			<b>Students from the State</b>	<b>Students from other States</b>		<b>Students from other countries</b>	
			100%	-		-	
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
-	-	-	-	-	-	-	<b>02</b>
<b>29. Student progression: N.A. Data not maintained separately as General paper</b>							
<b>30. Details of Infrastructural facilities</b>							
<b>Lecture Halls: Room No. 202</b>							
<b>31.Number of students receiving financial assistance from college, university, government or other agencies: N.A. Data not maintained separately as General paper</b>							
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
<b>Nil</b>							
<b>33.Teaching methods adopted to improve student learning:</b>							
<b>Chalk &amp; Talk</b>							
<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>							
<b>N.A.</b>							
<b>35.SWOC analysis of the department and Future plans</b>							
<b>Future plan</b>		<b>Opening up of Honours Course</b>					

<b>1. Name of the Department</b>		<b>Physical Education</b>		
<b>2. Year of Establishment</b>		<b>Date of Affiliation with G.O. NO. &amp; DATE:</b> Pass: WBSU/IC/Aff./182/11 dt. 04.07.2011		
<b>3. Names of Programmes/Courses Offered (UG, PG, MPhil, PhD, Integrated Masters; Integrated PhD,</b>		UG	Physical Education as a subject in B A General	
<b>4. Names of Interdisciplinary courses and departments involved</b>		Nil		
<b>5. Annual/ Semester/choice based credit system(programme wise)</b>		Annual		
<b>6. Participation of the department in the courses offered by other departments</b>				
<b>7. Courses in collaboration with other universities, industries, foreign institutions, etc.</b>		Nil		
<b>8. Details of courses/programmes discontinued (if any) with reasons</b>		Nil		
<b>9. Number of teaching posts sanctioned and filled</b>			Sanctioned	Filled
		Professors	Nil	-
		Associate Professors	Nil	Nil
		Asst. Professors (Substantive)	Nil	Nil
		Asst. Professors (Contractual Govt. aided)	Nil	Nil
		Asst. Professors (Management Appointee)	Nil	Nil
		Part time (Govt. aided)	Nil	Nil
	Part time (Management Appointee)	01	01	
<b>10. Faculty Profile</b>				
Name		Qualificatio	Designation	Specialization
Sri Biswajit Sasmal		M.Ph.Ed.	Part time (Management Appointee)	
No of years of Experience		No. of Ph.D. Students guided for the last 4 years		
2 yrs		-		
Four (04) NIS qualified Coaches give support for running the department				
<b>11. List of senior visiting faculty</b>		Nil		
<b>12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (in %)</b>				
		<b>2011-12</b>	<b>2012-13</b>	
		100%		
<b>13. Student Teacher Ratio (programme wise)</b>		UG		
		40:1		

<b>14. Number of academic support staff (technical) and administrative staff</b>		Nil												
<b>15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG</b>		PG-01												
<b>16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received</b>		Nil												
<b>17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and grants received</b>		Funding Agency					Amount Sanctioned							
		UGC					Nil							
		DST-FIST					Nil							
<b>18. Research Centre/Facility recognized by the</b>		Nil												
<b>19. Publications :</b>														
a) Publication per faculty														
b) Number of papers published in peer reviewed journals (b1.national /b2.international) by faculty and students														
c) Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)														
d) Monographs														
e) Chapter in Books														
f) Books Edited														
g) Books with ISBN/ISSN numbers with details of publishers h) Citation Index														
i) SNIP														
j) SJR														
k) Impact factor														
l) h-index														
Faculty		A	b1	b	c	c	e	f	g	h	i	j	k	l
Sri Biswajit Sasmal														
<b>20. Areas of Consultancy and Income Generated</b>														
N.A.														
<b>21. Faculty as members in</b>														
a) National committees b) International Committees c) Editorial Boards..														
National committees					Nil									
International Committees					Nil									
Editorial Boards					Nil									
<b>22. Student projects</b>														
a) Percentage of students who have done in-house projects including														

<b>23.Awards/ Recognitions received by faculty and students</b>							
N.A.							
<b>24.List of eminent academicians and scientists/ visitors to the department</b>							
<b>25.Seminars/ Conferences/Workshops organized &amp; the source of funding</b>							
				<b>Event &amp; Date</b>		<b>Funding Agency</b>	
<b>26.Student profile programme/course wise</b>							
<b>Year</b>	<b>Applications received</b>		<b>Selected</b>	<b>Appeared at the Final Examination</b>		<b>Pass percentage</b>	<b>No. of 1<sup>st</sup> Class</b>
	UG		UG	UG		UG	
<b>2013-14*</b>	2296		300				
<b>2012-13*</b>	1482		300				
<b>2011-12</b>	-		-	-	-	-	-
<b>2010-11</b>	-		-	-	-	-	-
<b>2009-10</b>	-		-	-	-	-	-
* Data showing the number of B.A. General Course as the individual subject wise date of General course are not maintained							
<b>27.Diversity of Students</b>			<b>Students from the State</b>	<b>Students</b>	<b>Students from other countries</b>		
<b>28.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.</b>							
<b>2009</b>		<b>2010</b>		<b>2011</b>		<b>2012</b>	
<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>	<b>JRF</b>	<b>NET</b>
Nil							
<b>29.Student progression: N.A. Data not separately maintained as General Paper</b>							
<b>30. Details of Infrastructural facilities</b>							
Lecture Halls:1 Playground, Gymnasium & Room for Indoor Games facility Sports room with sports Gears							
31.Number of students receiving financial assistance from college, university, government or other agencies: <b>N.A. Data not separately maintained as General Paper</b>							
<b>32.Details on student enrichment programmes (special lectures/workshops / seminar) with external experts</b>							
N.A.							
<b>33.Teaching methods adopted to improve student learning:</b>							
Chalk & Talk with physical training.							

<b>34.Participation in Institutional Social Responsibility (ISR) and Extension activities</b>	
N.A.	
<b>35.SWOC analysis of the department and Future plans</b>	
<b>Future Plan</b>	Opening up of Honours Course

# Barrackpore Rastraguru Surendranath College

- Affiliated to West Bengal State University & Formerly under University of Calcutta
  - Registered under 2(f) & 12(B) of U.G.C Act 1956 • Re-accredited by NAAC
- 6, RIVERSIDE ROAD & 85, MIDDLE ROAD, BARRCKPORE, KOLKATA – 700 120  
NORTH 24 PARGANAS, WEST BENGAL  
ESTD. 1953

Ajoy Kumar Mukherjee, M.Sc., Ph.D.

Principal & Secretary (Ex-officio)



Ref. No :

Date : 28.12.2013

## Declaration by the Head of the Institution

Ref: - NAAC/E&NE/HKA/CYCLE-3/RAR/ WBCOGN10228/2013 dated  
22nd November 2013

Sir,

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

The institution has uploaded the SSR on the Institutional website on 19.12.2013 & intimated to the NAAC authority.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

(Dr. Ajoy Kr. Mukherjee)

Place: Barrackpore

Date: 28.12.2013