



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

1. Name of the Institution	BARRACKPORE RASTRAGURU SURENDRANATH COLLEGE
Name of the head of the Institution	Monojit Ray
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	033-25945270
Mobile no.	9433351020
Registered Email	brsc1953@gmail.com
Alternate Email	brsc1953@rediffmail.com
Address	85, Middle Road and 6, Riverside Road
City/Town	Barrackpore Kolkata
State/UT	West Bengal
Pincode	700120

<b>2. Institutional Status</b>																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Urban																
Financial Status			Self financed and grant-in-aid																
Name of the IQAC co-ordinator/Director			Sutapa Ghosh Dastidar																
Phone no/Alternate Phone no.			06289550570																
Mobile no.			6291170159																
Registered Email			dastidarghoshs@gmail.com																
Alternate Email			brsc1953@gmail.com																
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)			<a href="https://brsnc.in/uploads/4TH-CYCLE-SSR.pdf">https://brsnc.in/uploads/4TH-CYCLE-SSR.pdf</a>																
<b>4. Whether Academic Calendar prepared during the year</b>			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="https://brsnc.in/uploads/1623773433.pdf">https://brsnc.in/uploads/1623773433.pdf</a>																
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>B++</td> <td>2.83</td> <td>2019</td> <td>18-Oct-2019</td> <td>17-Oct-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	4	B++	2.83	2019	18-Oct-2019	17-Oct-2024
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				Period From	Period To														
4	B++	2.83	2019	18-Oct-2019	17-Oct-2024														
<b>6. Date of Establishment of IQAC</b>			02-Feb-2004																
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Training Programme for Skill Development of The</td> <td>14-Mar-2020 1</td> <td>82</td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	Training Programme for Skill Development of The	14-Mar-2020 1	82					
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Training Programme for Skill Development of The	14-Mar-2020 1	82																	

Non-Teaching Staff		
professional development programme for Teachers -	04-Mar-2020 1	150
Seven day computer training programme for the Non-Teaching Staff of the College	03-Mar-2021 7	10
One Day International Seminar on Swadhinata Uttar Bangali O Bangla Bhasha	22-Feb-2021 1	110
One Day National Seminar on Research Ethics Purview of library	15-Feb-2020 1	100
One Day National Seminar on Modern approaches in the field of Nutrition Sciences	13-Feb-2020 1	85
One Day National Seminar on Recent Trends in Commerce & Business Research	07-Feb-2020 1	90
7 Day Workshop on Analytical Techniques and Chemical Analysis for Biological Research	04-Feb-2020 7	120
Annual Arthabisleshon Workshop Bharatbarshe Karmasangsthan : Samasya O Sambhabana (Employment in India : Problems and Prospects)	04-Feb-2020 1	115
One Day National Seminar of Electronics	03-Feb-2020 1	75
<a href="#">View File</a>		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	CPE	UGC	2016 2021	15000000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

<b>10. Number of IQAC meetings held during the year :</b>	<b>6</b>
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	<b>Yes</b>
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>

<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>
IQAC has played a pivotal role in the fourth cycle NAAC accreditation process by administering perfect coordination during the NAAC peer team visit .
IQAC has effectuated the signing of a MoU with Sri Guru Ram Rai PG college, Dehradun, Uttarakhand, on the 6th of February, 2020.
The IQAC has organised seminars and workshops for the teachers, students and support staff of the college.
Coping with the difficulties of the pandemic world IQAC has initiated the BRSNC Live Classroom which is our own online platform designed to continue classes as per existing routine
IQAC has effectuated a relief of 2.5 lakhs to PM CARES and 10 Lakhs to West Bengal State Emergency Relief Fund as institutional contribution during the Pandemic. Moreover, IQAC has steered students in filling out the UGC invited Facilitation of Study on impact of COVID19 and 1918 Pandemic (H1N1 Virus) by universities/colleges.

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<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>
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Plan of Action	Achivements/Outcomes
Fourth cycle NAAC accreditation	Timely submission of SSR and perfect coordination during NAAC peer team visit.
Initiation of certificate courses designed by the IQAC	Six Certificate Courses have been introduced for PG students.
Career advancement of teachers through CAS	Eleven teachers have gone through their career advancement process through CAS.
Organisation of enrichment programmes	Seminars and workshops have been

for the teaching and the support staff.	arranged for the teaching and the support staff.
Introduction of Students' Feedback related to syllabus.	Students' Feedback has been designed by the IQAC and Students Feedback Portal introduced.
Increase in fund mobilisation towards research	A substantial amount from CPE and College fund has been utilised for research.
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Governing Body	29-May-2021

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2020
Date of Submission	13-Feb-2020
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>MIS is the use of information technology and manpower for smooth conduct of day to day functioning of the institution. Barrackpore Rastraguru Surendranath College has a well organised MIS system which enables the stakeholders to easily access essential information whenever required. It includes: Fully Computerized Library with dedicated library management software KOHA. Online library access for Stakeholders. Fully computerized office and accounts. Online Feedback system. Online admission process for 1st SEM UG and PG Students. along with online payment facility. This facility is also extended towards the 2nd Year and 3rd Year students. Implementation of Portal for CBCS semester information system from the session 201819 for 1st SEM UG and PG students. Online portal for Leave Application submitted by</p>

Teaching and Non Teaching Staff of the College. SMS dissemination gateway system for internal stakeholders of the college. Display of all important notifications and other information through Digital Display system. Regular use of mobile apps 'BRSC UTHKARSHA' as a part of MIS.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Barrackpore Rastraguru Surendranath College practices planned mechanisms for effective curriculum delivery. A well structured weekly Routine is provided by the college administration for each semester of UG and PG classes. Distribution of syllabus and class allotment of teachers is discussed in departmental meetings held in every department at the beginning of each academic session. Some PG departments also arrange classes on regular basis by external subject experts, industrial experts of surrounding premier institutes like Bose Institute, Kolkata for covering portions of their course curriculum. We have a very rich central library with open access system and many departments have their rich departmental libraries too for the benefit of the students. A number of Journals (Science, Arts and Commerce) are subscribed by our college. E-books and e-journals are accessible through N-LIST (eShodhSindhu) Consortium of INFLIBNET from the college as well as from remote place for teachers and also for the students. Our college has registered for NPTEL (National Programme On Technology Enhanced Learning) where students can have the access of e-learning through online Web and Video courses for various streams. Students are also benefitted by the video lectures of different faculty members of our college in you tube platform. MCQ portal in the college website is also available for EVS where students can take mock tests at their convenience. The college has a Learning Management System (LMS) for a more student centric approach towards curricular completion. Various teaching methods are used for the effective delivery of the curriculum such as: a. Chalk and Blackboard method. b. ICT-enabled teaching-learning method. c. Use of different software. d. Scientific models and charts are also used. e. Class notes are provided by some teachers. f. Group discussion by the students. g. Micro-teaching and seminars by students related to curriculum. h. Paper presentation by the students. i. Proper and adequate instrumentation facility is given to the students for their practical classes; there is also a central instrumentation facility for that purpose. j. Need based survey programs, field works and educational excursions are carried by the departments. k. Project work, dissertations are conducted towards fulfillment of their degrees. l. Seminars and special talks by experts. Regular class test, Mid semester examinations, regular assessment in practical classes are part of academic practices of our college. Remedial and tutorial classes are also conducted. Departments maintain records of the classes, assessments, project reports etc. College administration keeps a vigilant eye on the results, departmental proceedings and student needs and also keeps records of the different activities of the college regarding teaching-learning, development and improvements of different methods of effective curriculum delivery. During the Covid19 pandemic our college has revived the teaching learning process by introducing own online platform 'BRSNC live digital classroom'. Teachers and students are able to access the platform by using a

unique login ID and password generated by the college. Online classes are held keeping to the routine that was followed for direct class room teaching. The college keeps a record of the classes held everyday.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Fundamentals of Education and Research	Nil	11/01/2020	30	1. Jobs of government sector like Public Service Commission/Staff Selection Commission. 2. Research opportunity 3. Teaching jobs in private sector.	1. Skills of preparing research proposal and writing thesis 2. Knowledge of research methodologies
Basics of Personal Taxation and e-filing	Nil	11/01/2020	30	1. Entrepreneurial activities related to personal taxation services to individuals 3. Job opportunities in tax consultant firms	1. Skills of calculating and filing income tax return, applying for PAN/TAN cards.
Fundamentals of Nutrition	Nil	11/01/2020	30	1. Opportunities in companies, food research laboratories, food wholesalers, hospitality industry 2. Opportunities in health clinic, sports clubs. 3. Work as independent nutrition consultant	1. Skills on measurements of physical fitness, blood pressure, body weight, height and BMI 2. Knowledge of dietary nutrients calculation and menu planning. 3. Food processing skills
Contemporary	Nil	11/01/2020	30	1. Employment	1. Knowledge

Environmental Issues in India: Past, Present and Future					<p>opportunities as scientists, biologists, environmental meddlers and journalists</p> <p>2. Opportunities in Pollution Control Boards, Offices under Ministry of Environment and forest, DST etc.</p> <p>3. Teaching opportunities in educational institutes.</p>	<p>of human and scientific causes and consequences of environmental change</p> <p>2. Skill of collecting, recording and analyzing data</p>
Software tools in thesis writing	Nil	11/01/2020	30		<p>1. Enables the students work independently as TeX workers</p> <p>2. Opportunities in different organizations working in allied fields.</p>	<p>1. Expertise in different application of LaTeX .</p> <p>2. Use the beamer package to create presentations</p> <p>3. Use theorem, Corollary and other environments</p> <p>4. BibTeX using skills.</p>
Microbes in Sustainable Development	Nil	11/01/2020	30		<p>1. Research</p> <p>2. Teaching</p> <p>3. Diagnostic and hospital</p> <p>4. Food, agriculture, biotech industry</p> <p>5. Pharmaceutical industry</p> <p>6. Small scale entrepreneurship development like-</p>	<p>1. Application of microbes for human welfare.</p> <p>2. Potential role of microbes in food and other sectors.</p> <p>3. Disease management.</p> <p>4. Skills in clinical,</p>

production and medical  
of manure microbiology  
and and  
composting. diagnostics.

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
No file uploaded.		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	Education	01/07/2019

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	197	Nil

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
1. Certificate Course in Communication Skill and Aptitude Development	Nil	1769
2. O-Level (GDCA) Graduate Diploma in Computer Application (Duration 1Year)	Nil	34
3. PGDSE (Post Graduate Diploma in Software Engineering)	Nil	2
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany	21
BA	Education	55
BSc	Economics	80
BSc	Food & Nutrition	83
BSc	Geography	67
BSc	Microbiology	54
BA	Sociology	13
BSc	Zoology	60
<a href="#">View File</a>		

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

### Feedback Obtained

From the academic session 2018-19, Barrackpore Rastraguru Surendranath College has introduced complete online feedback mechanism. Structured feedback is collected from all stakeholders like students, parents, teachers, alumni and employers. A questionnaire is provided which includes different aspects of curriculum/course covered and other relevant areas. Students feedback is collected at the end of each academic year on a five point scale (0-4) through our own online web application. Students can indicate his/her response in the 5 point scale and can provide suggestions, grievances, areas of improvement etc. in their own words in the space provided for the same. All these are finally analyzed through our online college server. The analysis includes notable suggestions, comments etc. The Internal Quality Assurance Cell monitors the analysis and draws a line of action in response to the analysis. In our online web application we have separate tabs for feedback collection from Parents, Teachers, Alumni, Employer/University. Parents feedback and suggestions are also collected in the Parent Teacher Meetings (PTM) regularly organized by all the departments every year. For different stakeholders, different questionnaire is designed to get the appropriate response from them. Stakeholders can provide their feedback in 5 point scale as well as can put their valuable suggestion in writing. In the academic year 19-20, the college has introduced Students Feedback Portal related to syllabus to collect feedback on the varied aspects of the syllabus of UG PG courses. Feedback collected from all stakeholders and analyzed through online server, is discussed in the IQAC and relevant committees of the college. Strength, Weakness, Areas of improvement etc. of the college are identified from the feedback analysis and cumulative suggestions are forwarded to the Governing Body. The governing Body gauge the suggestions and approve policies towards holistic development of the college. Link for the Feedback Analysis Report: <https://brsnc.in/uploads/1622459441.pdf>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	BA GENERAL, B.A. HONS. IN BENGALI, B.A. HONS. IN EDUCATION, B.A. HONS. IN ENGLISH, B.A. HONS. IN HINDI, B.A. HONS. IN	2094	4410	1146

	HISTORY, B.A. HONS. IN JOURNALISM & MASS COMM., B.A. HONS. IN PHILOSOPHY, B.A. HONS. IN POLITICAL SCIENCE, B.A. HONS. IN SOCIOLOGY			
BCom	BCOM GENERAL, B.COM HONS., BBA	858	1490	527
BSc	BSC GENERAL, B.SC. HONS. IN BOTANY, CHEMISTRY, COMPUTER SC, ECONOMICS, ELECTRONICS, FOOD &NUTRITION, GEOGRAPHY, MICROBIOLOGY, PHYSICS, MATHEMATICS, PSYCHOLOGY, ZOOLOGY	810	3456	454
<a href="#">View File</a>				

## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	5340	237	111	Nill	43

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
154	154	Nill	25	2	Nill
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institution has a structured mentoring system whereby all the students are provided with a mentor according

to the class in which they study. Each UG/PG class in the college is assigned a mentor and at the beginning of the academic session the list of mentors is displayed on the college website along with their respective e-mail ids. and students are asked to get in touch with their respective mentors for academic as well as other guidance. It is ensured that the mentors are always available physically or through e-mails/social media to their mentees. After a student takes admission, the mentor conducts a session of induction programme with her/his group of students and orients them towards the mission and vision of the college as well as various facilities available with the institution. Henceforth the mentor takes regular sessions with the students evaluating their class attendance as well as their academic performance. The identification of advance and slow learners is also done with help of this mentor system. The mentor keeps track of the academic performance of the students and stays in touch with the respective departmental heads. The monitoring and ensuring achievement of Learning Outcomes is done at several levels: Principal, Heads of Departments, Individual faculty as well as mentors and the coordinators of different activities. They all together strive to maximize the potentials of the students in achieving the learning outcomes. The mentors not only monitor the academic performance and attendance of mentees, they also provide information on university and relevant government regulations. If any student ever has any query regarding any university or government regulations, the student is encouraged to contact with the respective mentor and the mentor is asked to stay in touch with the relevant officials of the college for providing authentic answers to the query. The college also conducts orientation programme for the mentors whereby they are given guidance on mentoring skills. A part of this academic session has experienced the pandemic of Covid 19 and the resultant lockdown. The college during this phase started its online classes on its own portal 'BRSNC Live'. During this pandemic phase, mentors played a crucial role in communicating with their mentees and guiding them on different facets. They often used social media and other online platforms for this communication like Whats app groups, Google classroom etc. They have also always been available through their respective e-mail ids.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5577	154	1:36

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
155	154	1	1	60

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Monojit Ray	Principal	Scientist of the year 2019 in 6th International Conference on Environment and Ecology
2019	Dr Sutripta Sarkar	Lecturer	'Excellent Paper Award' in the 9th International Congress on Sustainable Waste Management -Iconswm 2019)
2019	Sri Kallol Saha	Assistant Professor	Best Paper Award in National Level Seminar on Ethical

			Issues on Research org. by Prabhat Kumar College
2020	Dr. Monojit Ray	Principal	Education Leadership Award
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	Nill	Year	15/10/2020	02/11/2020
BCom	Nill	Year	15/10/2020	02/11/2020
BSc	Nill	Year	15/10/2020	02/11/2020
MA	Nill	Semester	07/10/2020	12/10/2020
MCom	Nill	Semester	07/10/2020	12/10/2020
MSc	Nill	Semester	07/10/2020	12/10/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

We are an affiliated college. Since we are not autonomous we cannot introduce any formal reform in the final evaluation system. As the University has introduced the Choice Based Credit System at the undergraduate level, the college has changed its examination schedule from annual to semester. Despite this, the college endeavours to undertake certain measures to test the skill, knowledge and academic abilities of the students during the course of their study. For this, besides the conventional system of semester-wise examination conducted by the university, the college has introduced several innovative practices to evaluate the students learning achievements on a regular basis. Introduction of Continuous Internal Evaluation through these practices is indeed necessary to impart quality education to the learners. Towards this end the college on its own has introduced some methods in internal mid-semester examinations, if the Board Of Studies of respective subjects permit that. In some subjects, the Skill Enhancement Courses allow innovative measures and in those cases the college takes the initiative to introduce new modes like excursion followed by report writing, project work, book review, group discussion, debate, quiz, individual and group presentations by the students, industry visit, dissertation, survey, departmental wall magazine etc. These are also done as part of continuous internal assessment. In the wake of the COVID19 pandemic, the college has introduced online class platform, BRSNC Live Digital Class Room for smooth conduct of online classes as per existent class routine. This platform facilitates internal assessment and evaluation of the students. The College has introduced a subject- based Multiple Choice Questions portal and a Competitive Examination portal in its website where the students can practice subject-oriented MCQs and also questions for competitive examinations. The weblinks of these portals are <http://e-exammantra.com/brsnc>  
<https://brsnc.in/Online-EVS-Portal/login.php>  
[https://brsnc.in/mcq\\_portal/botany/student/online\\_exam](https://brsnc.in/mcq_portal/botany/student/online_exam)  
[https://brsnc.in/mcq\\_portal/economics/student/online\\_exam](https://brsnc.in/mcq_portal/economics/student/online_exam)  
[https://brsnc.in/mcq\\_portal/food/nutrition/student/online\\_exam](https://brsnc.in/mcq_portal/food/nutrition/student/online_exam)

[https://brsnc.in/mcq\\_portal/zoology/student/online\\_exam](https://brsnc.in/mcq_portal/zoology/student/online_exam)  
[https://brsnc.in/mcq\\_portal/microbiology/student/online\\_exam](https://brsnc.in/mcq_portal/microbiology/student/online_exam)  
[https://brsnc.in/mcq\\_portal/chemistry/student/online\\_exam](https://brsnc.in/mcq_portal/chemistry/student/online_exam)

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institution has a structured mentoring system whereby we provide the students with a mentor according to the class in which they study. Each UG/PG class in the college is assigned a mentor and at the beginning of the academic session the list of mentors is displayed on the college website along with their respective e-mail ids. and students are asked to get in touch with their respective mentors for academic as well as other guidance. It is ensured that the mentors are always available physically or through e-mails to their mentees. After a student takes admission, the mentor conducts a session of induction programme with her/his group of students and orients them towards the mission and vision of the college as well as various facilities available with the institution. Henceforth the mentor takes regular sessions with the students evaluating their class attendance as well as their academic performance. The identification of advance and slow learners is also done with help of this mentor system. The mentor keeps track of the academic performance of the students and stays in touch with the respective departmental heads. The monitoring and ensuring achievement of Learning Outcomes is done at several levels: Principal, Heads of Departments, Individual faculty as well as mentors and the coordinators of different activities. They all together strive to maximize the potentials of the students in achieving the learning outcomes. The mentors not only monitor the academic performance and attendance of mentees, they also provide information on university and relevant government regulation. If any student ever has any query regarding any university or government regulations, the student is encouraged to contact with the respective mentor and the mentor is asked to stay in touch with the relevant officials of the college for providing authentic answers to the query. The college also conducts orientation programme for the mentors whereby they are given guidance on mentoring skills.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://brsnc.in/uploads/1623669219.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Nill	BSc	B.Sc. Hons. in Chemistry, Computer Science, Economics, Electronics, Food & Nutrition, Geography, M icrobiology, Mathematics,	363	363	100

		Physics, Psychology, Zoology, Botany, B.Sc. General			
Nill	BCom	B.Com Hons. BBA, B.Com. General	338	338	100
Nill	BA	B.A. Hons. in Bengali, Education, English, Hindi, History, Journalism, Philosophy, Political Science, Sociology, B.A. General	646	642	99.38
Nill	MCom	Accounts, Finance & Control, Marketing Management	15	15	100
Nill	MA	Education	9	9	100
Nill	MSc	Computer Science, Food & Nutrition, Geography, Microbiology	58	58	100
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://brsnc.in/uploads/1623161141.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	3	College	12.62	4.28
No file uploaded.				

### 3.2 – Innovation Ecosystem

### 3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NILL	NILL	

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nill	Nill	Nill	Nill	Nill
No file uploaded.				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nill	Nill	Nill	Nill	Nill
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	Nill

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Geography	1	Nill
National	Food Nutrition	2	Nill
International	English	1	Nill
International	Mathematics	2	Nill
International	Zoology	1	Nill
International	Electronics	1	1.9
International	Food Nutrition	3	Nill
International	Computer Sc.	2	Nill
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### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
English	1
Hindi	1
Electronics	1
Food Nutrition	2
Geography	1

## 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Comparative studies on physico-chemical and sensory attributes of natural and artificial whey protein beverages Vol. 9, Issue.	Debasree Ghosh	Research and Reviews: Journal Of Food Science and Technology	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
Preparation, biochemical analysis and sensory evaluation of herbal jam Vol. 9, Issue. 1	Debasree Ghosh, Ina Mukherjee, et al.	Research and Reviews: Journal Of Herbal Science	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
Cation vacancy and magnetic properties of ZnFe <sub>2</sub> O <sub>4</sub> microspheres	R Mondal et al	Physica B: Condensed Matter	2020	4	Barrackpore Rastraguru Surendranath College	Nill
An overview of floral and faunal diversity in and around Barrackpore	Sandip Pal Monojit Ray	European Journal of Biological Research	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
MoS <sub>2</sub> -SiO <sub>2</sub> /EG hybrid nanofluid transport	N. Mahato et al.	Multidisciplinary Modeling in Materials	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill

in a rotating channel under the influence of a strong magnetic dipole(Hall effect)		and Structures				
Survey of traditional fermented foods available in Indian market- a review Vol. 7, Issue. 7	Debasree Ghosh	Journal of Engineering Technologies and Innovative Research	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
Production of low calorie sugar mannitol by lactic acid bacteria during production of cow milk curd and soy milk curd Vol. 11, Issue. 6	Debasree Ghosh	International Journal of Recent Scientific Research	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
Nutraceutical as potential antioxidants in fermented dairy products to combat pandemics Vol. 11, Issue. 9	Debasree Ghosh	International Journal of Scientific and Engineering Research	2020	Nill	Barrackpore Rastraguru Surendranath College	Nill
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### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self	Institutional affiliation as mentioned in
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					citation	the publication
Nill	Nill	Nill	Nill	Nill	Nill	Nill
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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	71	137	64	Nill
Presented papers	25	5	1	Nill
Resource persons	Nill	5	Nill	Nill
No file uploaded.				

### 3.4 – Extension Activities

#### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National Integration Camp	48 Bengal Bn NCC, Barrackpore	1	3
All India Thal Sainik Camp	48 Bengal Bn NCC, Barrackpore	1	1
Participation in Republic Day Parade	Central Govt.	1	1
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#### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Certificate Examinations	B Certificate	48 Bengal Bn NCC, Barrackpore	25
Certificate Examinations	C Certificate	48 Bengal Bn NCC, Barrackpore	24
RD Parade	Governor Medal	Central Govt.	2
No file uploaded.			

#### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS Special Camp (Unit I)	Barrackpore Municipality NSS	NSS Special Camp (Unit I)	10	25
Observance of World AIDS Day	NSS units of the College	Observance of World AIDS Day	10	50

Road Safety	Barrackpore Police Commissionerate	Observance of Safe Drive safe Life	12	66
Drawing Competition	48 Bengal Bn NCC, Barrackpore	Drawing Competition	2	50
Swachh Bharat	48 Bengal Bn NCC, Barrackpore	Swachh Bharat Abhiyan	17	250
Anti - Drug Awareness Rally	48 Bengal Bn NCC, Barrackpore	Anti - Drug Awareness Rally	3	100
Tree Plantation	48 Bengal Bn NCC, Barrackpore	Tree Plantation	3	100
Environment Awareness Rally	48 Bengal Bn NCC, Barrackpore	Environment Awareness Rally	5	150
Save Water Awareness Rally	48 Bengal Bn NCC, Barrackpore	Save Water Awareness Rally	3	150
Statue Cleaning	48 Bengal Bn NCC, Barrackpore	Statue Cleaning	1	50
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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Workshop	72	College and ICSSR	01
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Institution	Summer Project	West Bengal University of Animal and Fishery Sciences	01/07/2019	31/08/2019	02
Institution	Summer Project	School Of Tropical Medicine, Kolkata	01/07/2019	31/08/2019	02

Institution	Summer Project	Nilratan Sarkar Medical College and Hospital	01/07/2019	31/08/2019	03
Institution	Summer Project	NICED	01/07/2019	31/08/2019	02
Institution	Summer Project	Medical College And Hospital	01/07/2019	31/08/2019	01
Institution	Summer Project	Chittaranjan National Cancer Institute, Kolkata	01/07/2019	31/08/2019	04
Industry	Internship	Einfach Business Analytics Pvt. Ltd.	19/12/2019	15/02/2020	10

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Shri Guru Ram Rai (P.G.) College	06/02/2020	Academic, Research Cultural Sports exchange	110

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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
9704	12368

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing

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### 4.2 – Library as a Learning Resource

#### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	18.11.04.00	2001

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	60034	10702776	1884	210017	61918	10912793
e-Books	100000	Nill	Nill	Nill	100000	Nill
Journals	53	536278	Nill	20892	53	557170
e-Journals	7000	Nill	Nill	Nill	7000	Nill
Digital Database	1	308076	Nill	Nill	1	308076
CD & Video	725	Nill	725	Nill	1450	Nill
Library Automation	4	501594	Nill	Nill	4	501594
Others(s pecify)	2334	Nill	Nill	Nill	2334	Nill

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nill	Nill	Nill	Nill
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	561	82	26	31	0	52	321	90	33
Added	0	0	0	0	0	0	0	0	0
Total	561	82	26	31	0	52	321	90	33

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

90 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

**4.4 – Maintenance of Campus Infrastructure**

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2437	77	10000	7227

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Each department maintains its own stock register of departmental books, journals and publications. The record of total number of books, journals, publications, etc. of the entire institution is maintained by the central library. Almost all Science departments, Commerce and BBA departments as well as few departments of Social Sciences like Economics maintain their own log book to record the user rate of departmental computers. Statistical software packages and Software for Accounting and Taxation as well as Antivirus packages are installed in the computers of the respective departments as per requirement. All installed software packages are monitored on a regular basis for updating to newer versions from time to time to meet the emerging needs of the faculties and students. All the computers of the respective departments are thoroughly monitored on regular basis for any kind of needful repairing and associated service. Science departments, particularly Chemistry, Physics, Microbiology, Food Nutrition, Zoology, Botany maintain stock register for use and purchase of different chemicals, salts, equipments to facilitate the practical work carried out in laboratories. Departments like Geography, Zoology and Botany. maintain stock of specimens, charts, models, equipments, museum specimen etc. for demonstration in the class and field work. All science departments keep record of the lab-based instruments in their respective departmental log books. Purchase and use of different equipments and materials used for various sports activities are maintained in the stock registers and log books respectively.

**CRITERION V – STUDENT SUPPORT AND PROGRESSION****5.1 – Student Support****5.1.1 – Scholarships and Financial Support**

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Students Means Fund Teachers' Council Fund Student's Welfare Fund Student's Aid Fund Student's Aid Fund (Sports Quota)	540	340804
Financial Support from Other Sources			
a) National	National Scholarship	1080	Nil

b) International	NIL	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Personal Counselling	01/07/2019	13	Department of Psychology, Barrackpore Rastraguru Surendranath College
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	13th Career Fair (Session 2019-2020): Careers 21 Symposium organized by IQAC Center for Career Development Placement Cell-BRSNC, in collaboration with, Instasol Transcontinental LLP (Kolkata) {Programme} dated 20.01.2020	Nill	760	Nill	Nill
2019	Support to the students enrolled for the optional value added self-sponsored course conducted by Career Development and	Nill	Nill	Nill	114

	Placement Cell of the College				
2019	Online Entry in Service (Available at College Website)	5430	Nill	Nill	Nill
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
GLOBSYN, CONCENTRIX, AMAZON	378	111	GLOBSYN (Interview Conducted at West Bengal State University on 01/11/2019), CTS (09/11/2019)	4	3
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	6	BA (Honours)	Sociology	WBSU	M.A. in Sociology
2020	8	B.Sc(Hons.)	Mathematics	WBSU APC College Dum Dum Motijheel College Netaji Subhas open Univ B.K C College	M.Sc.
2020	13	BA (Honours)	Journalism and Mass Com	Jadavpur University V	Pg in MJMC M.A in

			munication	isva-Bharati Barrackpore Rastraguru Surendranath College Calcutta University St Pauls College Banglagore	Journalism and Mass Com munication PG in JORM PG in JMC M.A in Film Studies
2020	7	BA (Honours)	HISTORY	WBSU V.U JADAVPUR UNIVERSITY	M.A
2020	17	BA (Honours)	Hindi	Rabindra bharti University Hindi university howrah west Bengal state university University Of Calcutta	Master of Art's in Hindi
2020	12	B.Sc (Hons. )	Geography	Barrackpore Rastraguru Surendranath College Bhairab Ganguly College	M.Sc.
2020	15	BA (Honours)	English	Rishi Bankim Chandra College Indira Gandhi National Open University ( IGNOU) West Bengal State University BIMS Adamas University Kolkata Indian Institute of Mass Communi cation, New Delhi	MA in English MBA MA in Journalism and Entertai nment Post Graduate Diploma course in Advertising and Public Relations
2020	15	B.Sc (Hons. )	Microbiology	Utkal University Pondicherry University Central	MSc Biotec hnology MSc Biophysics and Mol.Biol ology MSc

				University of Tamil Nadu Bidhannagar Govt. College M.A.K.A.U.T University of Calcutta St.Xaviers College VIT APC college, New Barrackpore BHU Barrackpore Rastraguru Surendranath College George College S	Applied Microbiology
2020	3	B.Sc (Hons.)	Computer Science	Barrackpore Rastraguru Surendranath College, Kalyanai Govt. Engineering college, BIBS Institute	M.Sc (Computer Science), MCA, MBA
2020	5	B.Sc (Hons.)	Electronic Science	Calcutta University West Bengal State University Jadavpur University Belgium	M. Sc. in Electronics
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	11
SET	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Sports, Fresher's Welcome, Teachers' Day, Agomani, Saagnik, Saraswati Puja	Institutional	750

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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Nil	Nill	Nill	Nill	Nill	Nill
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are the most important stakeholders of our college. They are the nucleus of the educational institution. Students Council is hailed as Student Union in our college. It represents all students of the institution. It is a statutory body. It takes active role in the academic and administrative domain of the college and share valuable views of the students with the authority. It has representation in the Governing Body which is the final decision making body of our college. Governing Body attaches importance to the opinion and perception of the student representatives. On administrative part they actively get involved in the admission procedure of the institution. Apart from this, they assist all other stakeholders of the college to run the admission process smoothly. For smooth conduct of the admission procedure, the student representatives continuously communicate with the Admission Sub-Committee and exchange their views with it. In the academic periphery the student representatives not only perform their duties as liaison personnel among the students, the teaching and the support staff but also provide students with valuable suggestions involving almost all activities of the institution. All round the year they encourage the students towards cultural programmes, sports and other social activities. They celebrate the International Mother Language Day (21st February), Saraswati Puja, World Environment Day (5th June), Fresher's Welcome, Teacher's Day, Agomoni etc. Each year after Puja vacation "Saagnik" is celebrated as a socio - cultural event of the students Council. Various events like singing, dancing, debate, extempore, painting, etc. are organized by the Council round the month. Besides ,it organises different types of games and sports competition for the students. Our college students participate enthusiastically in the intra college football and cricket tournament organized by the students council of the college. The Annual sports include events like long jump, shot put, relay race and the like. The Students Council is also dedicated to social responsibilities. It had organised a campaign Safe Drive Save life in collaboration with Barrackpore Police Commissionarate to spread awareness on safe journey on the roads. It organises Blood Donation Camps and provide financial support to the deprived students. Thee Council always lends its helping hands for providing every support to the deprived and helpless students. It strives hard towards the all pervasive development of the college.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

PRAKTANIKA, the Alumni Association of Barrackpore Rastraguru Surendranath College, is an organisation registered in the year 2007. Since its registration this organisation has been conducting various programmes such as organisation of seminars, distribution of scholarships to the needy students, organization

of awareness camps, organization of re-union programmes and the like for the benefit of the students. ACTIVITIES OF ALUMNI ASSOCIATION: 2019-2020 1) One vending machine was donated to Talpukur Girls' High School, Barrackpore. 2) Groceries, food materials and one large size dustbin were given to one orphanage home in Barrackpore area. 3) As a part of cleanliness awareness program organized by the association in two schools of Barrackpore, soaps, sanitizers and food packets were distributed among the students of the schools. In addition to the contribution of outgoing students (Rs.1,19,080) during 2019-20, existing members of the association contributed Rs.25000/- to the fund of the association. 50 ex-students have taken life membership in 2019-20.

5.4.2 – No. of enrolled Alumni:

1314

5.4.3 – Alumni contribution during the year (in Rupees) :

144080

5.4.4 – Meetings/activities organized by Alumni Association :

Six Executive Body meetings of the Praktanika were held during the academic year. Activities: 1) One vending machine was donated to Talpukur Girls High School, Barrackpore. 2) Groceries, food materials and one large size dustbin were given to one orphanage home in Barrackpore area. 3) As a part of cleanliness awareness programme organised by the association in two schools of Barrackpore, soaps, sanitisers, food packets etc. were distributed among the students of the school.

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college has, for long, practised decentralization and participative management in its daily activities in the way of achieving the goal of the institution. College has formed different sub - committees under Internal Quality Assurance Cell of the college and these sub - committees are constituted of internal and external stakeholders of the college. The working of the following committees exemplify decentralization and participative management practised in the college. The Research Development Sub Committee function independently under the supervision and guidance of the Governing Body of the college and Internal Quality Assurance Cell. It is constituted of the representatives from the teaching staff and the Management and the IQAC coordinator. One or two senior teacher members function as convenor of this committee under the chairmanship of Principal of the college. It invites proposal for major and minor research projects to be undertaken through the college fund and follow own mechanism to approve and sanction the projects under stipulated guidelines. This committee reviews the project proposals and their outcome and forward the recommendations to the IQAC for consideration if and when required. The Committee encourages and motivates young teachers towards research activities. This committee strives hard to enhance the volume and quality of research activities in the college. Hostel Sub Committee - This committee functions independently under the guidance of Governing Body of the college and Internal Quality Assurance Cell. It is constituted of the IQAC coordinator, representatives from the Management, representatives from the teaching and the support staff and PG and UG Student representatives. One or two senior teacher members function as the convenor of this committee under the chairmanship of Principal of the college. This is fully empowered to take decision pertaining to the applications submitted by the UG and PG students

seeking hostel accommodation. This committee also looks into the maintenance of strict discipline in the hostels with the assistance of the Hostel Superintendent who has the authority to take any disciplinary measure if and when required. This committee visits the hostels at regular intervals to look into the maintenance of order, rules and regulations in the Hostels and to take into consideration the problems, if any, faced by the boarders staying far away from parental care and comfort.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Human Resource Management	<ul style="list-style-type: none"> <li>o Regular execution of field work, industrial visits and educational excursions in both Undergraduate and Post graduate levels have widened the mental horizon of the students.</li> <li>o Evaluation have been based on Project work, seminar presentation, Grand Viva along with traditional method.</li> <li>o Online examination portal for CBCS internal and End-Semester examination</li> </ul>
Teaching and Learning	<ul style="list-style-type: none"> <li>o Due to pandemic situation the college has developed its own online platform "BRSNC Live Digital Class Room" to conduct UG and PG classes as per existent routine.</li> <li>o The college motivates the teachers to create groups through social media to continue with the teaching learning process smoothly during the pandemic.</li> <li>o The college provides wide access to Online Learning Management System (LMS) for the advantage of the students.</li> <li>o The college motivates faculty members to create more video lectures and upload them to the college YouTube channel.</li> <li>o The college provides wise internet facility, E-book and e-journals for reference and carrying out project works.</li> </ul>
Examination and Evaluation	<ul style="list-style-type: none"> <li>o The College has complemented traditional written examination with project work assignments, debates, group discussion, literature review, power point presentation, grand viva and seminal lectures. Moreover, College developed different online examinations portal like Entry in Service, MCQ portal for different subjects, EVS portal etc. During the pandemic situation virtual platform like Google Meet has been accessed in the process of examination purpose.</li> </ul>

Research and Development	<p>o The College funded MRP scheme having a multi-disciplinary approach is a major research project encompassing faculty members of related departments of the college with ceiling of Rs. 15 lakhs. This, along with existent MRPs of Rs. 2 lakhs for Arts and Commerce and 5 lakhs for Science have widened the research opportunities of the teaching faculty.</p> <p>o The college motivates faculty members towards research publications in peer reviewed journals with high impact factor.</p> <p>o The college encourages them to present papers and act as resource persons in International/National/State Level Seminars, workshops.</p> <p>o The college explores various funding agencies for sponsoring major / minor projects. (DBT, DST, ICSSR, UGC etc.)</p> <p>o The college motivates the faculty members and the students to organise various webinars at Institutional / State / National / International levels.</p> <p>o The college encourages faculties to act as M.Phil/ Ph.D supervisors.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>o Construction of 1st floor of the Boys' Hostel under RUSA fund to cater to the needs of the students and the society at large.</p> <p>o Wi-Fi facility in both the campuses for the working of the e-learning resources.</p> <p>o Increase of the internet bandwidth from 15 mbps to 90 mbps through broadband and lease line to facilitate the laboratories and departments.</p> <p>o Access of e-book facility through Oxford Publication online resource.</p> <p>o Strengthening of the internet connection in the library to access the e- resources.</p> <p>o Provision of more model class rooms and auditoriums through college fund and other external funds.</p> <p>o Procuring more equipment, teaching aids and books through CPE fund</p> <p>o Purchase of more computers to maintain the computer student ratio.</p> <p>o Installation of more Online UPS in both the campuses for power back up system to high end IT related instruments</p> <p>o Setting up more Lightning Arrester systems to save the high end instruments from lightening.</p> <p>o Extension of construction of class rooms through RUSA fund, for the Dept. of Botany (UG) and proposed PG course in Mathematics.</p>
Human Resource Management	<p>o The internal stakeholders of the</p>

college have been provided with sanitisers and face shield during the pandemic as a protection against COVID19. o As per maintaining the COVID19 protocol sanitization of the campuses has been conducted at regular intervals. o The college has organised Eye check-up camp for the teachers and the support staff with the assistance of Disha Eye Hospital o The college has motivated the faculty members to participate in Refresher and Orientation courses. o It has organised computer training programmes related to MS- office for Non-teaching staff with the help of NITL under CPE Skill Development. o The college has organised a workshop on different safety measures to adhere to in daily life and in work place. o Self-appraisal of the teachers through maintenance of Academic Diary. o Maintenance of Grievance Redressal Cell, Anti-Ragging Committee, Internal Complaints Committee. Appointment of a doctor, who visits the college once in a week, for facilitating health check-up of the teaching and non- teaching staff.

#### Industry Interaction / Collaboration

o Industrial visits to apple processing factory of Himachal Pradesh Krisi University, Coca-Cola, Mother Dairy, Central Dairy Belgachia, GVK-a Biscuit Industry, Raja Biscuit and Bengal Beverage and the like by the UG PG Students have broadened the real life experience of the students. o Eminent members from industries visit the college as visiting faculties, experts and members of PGBOS of the college.

#### Admission of Students

o Online Admission including online payment facility in both UG PG levels. o Online admission made strictly on the basis of merit. o Strict observance of Govt. Rules for Reserved Categories.

### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>o Implemented 'BRSNC Live Digital Class Room' to conduct routine classes of UG and PG courses during the Pandemic. o Implemented different online portals to facilitate the students o Strengthened the SMS system for dissemination of information including communicating regular notice</p>

	<p>to all stakeholders during the pandemic.</p> <ul style="list-style-type: none"> <li>o Wide use of college Mobile apps.</li> <li>o Implemented Online Exam portal for Entry in Service</li> <li>o Implemented Online feedback mechanism</li> <li>o Designed and conducted online examination for different PG courses.</li> <li>o Provided department specific email id to submit the answer scripts for UG and PG courses.</li> </ul>
Administration	<ul style="list-style-type: none"> <li>o Online leave application system and display of official notice on display boards for the advantage of the students and other stakeholders of the college.</li> <li>o Regular exercise of e-tendering process through Govt. portal.</li> <li>o Regular exercise of PFMS portal to upload expenditure related to Govt. fund.</li> <li>o Submission of retirement related documents through e-pension portal.</li> <li>o Installation of RFID system in the Library.</li> <li>o Timely submission and upload of marks of university examination to the university portal</li> <li>o Upload of the institutional data to different module of Banglar Uchchashiksha portal.</li> </ul>
Finance and Accounts	<ul style="list-style-type: none"> <li>o Fully computerised office and accounts section.</li> <li>o Maintenance of the college accounts through Tally.</li> <li>o Reception of salary fund from Govt. through HRMS portal.</li> <li>o Online payment mechanism for different vendors of the college.</li> </ul>
Student Admission and Support	<ul style="list-style-type: none"> <li>o Provision of specific mail id as Help Desk to resolve different queries related to student admission.</li> <li>o Provision of department specific email id to submit the answer scripts for UG and PG courses.</li> <li>o Online admission including online payment gateway.</li> <li>o Maintenance of students' database through tailor made software.</li> <li>o Implementation of online CBCS semester information system for PG Courses.</li> <li>o Implementation of Online Feedback system for outgoing students.</li> <li>o Availability of online application form for NSS and NCC unit of the college</li> </ul>
Examination	<ul style="list-style-type: none"> <li>o Development of different online examination portals like Entry in Service, MCQ portal for different subjects, EVS portal etc. for the advantage of the students.</li> </ul>

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Sandip Pal	Presenting Paper in International Conference at Mumbai	Nill	7767
2020	Dr. Sandip Pal	International Conference at Mumbai	Nill	3500
2020	Dr. Monojit Ray	International Conference IGMRC 2020 at Bangkok	Nill	15000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Nill	Training Programme for Skill Development of The Non-Teaching Staff	14/03/2020	Nill	Nill	82
2020	professional development programme for Teachers - Artificial Intelligence in Teaching	Nill	04/03/2020	Nill	150	Nill
2020	Nill	Seven day computer training programme for the Non-Teaching	03/03/2020	11/03/2020	Nill	10

		Staff of the College				
2020	One Day Internatio nal Seminar on Swadhinata Uttar Bangali O Bangla Bhasha - Shitya	Nill	22/02/2020	Nill	110	Nill
2020	One Day National Seminar on Research Ethics Purview of library	Nill	15/02/2020	Nill	100	Nill
2020	One Day National Seminar on Modern approaches in the field of Nutrition Sciences	Nill	13/02/2020	Nill	85	Nill
2020	One Day National Seminar on Recent Trends in Commerce Business Research	Nill	07/02/2020	Nill	90	Nill
2020	7 Day Workshop on Analytical Techniques and Chemical Analysis for Biological Research	Nill	04/02/2020	11/02/2020	120	Nill
2020	Annual A rthabisles hon Workshop B haratbarsh e Karmasan gsthon : Samasya O	Nill	04/02/2020	Nill	115	Nill

	Sambhabana (Employment in India : Problems and Prospects)					
2020	One Day National Seminar of Electronics	Nill	03/02/2020	Nill	75	Nill
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	1	04/12/2019	31/12/2020	28
Refresher Course	1	31/12/2019	21/01/2020	22
Refresher Course	1	10/12/2019	24/12/2019	14
Refresher Course	1	03/12/2019	18/12/2019	15
Orientation Programme	1	11/11/2019	01/12/2019	21
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
7	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
GSLI, Staff Cooperative Welfare fund	GSLI, Staff Cooperative Non-teaching welfare fund	Students Welfare fund, Students Aid Fund, Medical and Means Fund, Earn Learn

## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal Audit - College conducts Internal Audit of the college accounts on regular basis since 1998 by a registered auditor. College accounts is maintained strictly through licensed accounting software. College authority appoints M/S Subir Ghosh and Associates as Internal Auditor of the college. All the payment vouchers and other related documents are placed before them and the accountant and the Bursar of the college help them in the process of audit. The auditors strictly examine the budgetary allocations and expenditures and prepares the

budget report. The report of the Internal Auditor is initially placed before the meeting of the Finance Sub Committee for consideration and then the Governing for final approval. External Audit - The external audit is mandatory as per govt. norms and the external auditors are nominated by the Directorate of Public Instructions, Dept. of Higher Education, Govt. of West Bengal. The external audit for the period 19 - 20 has been held up because of the pandemic. The auditor assigned for the purpose is M/S A. N. Chatterjee and Co. The audit report, on completion, would be placed before the Finance Sub Committee prior to final ratification by the Governing Body.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nill	0	0
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6.4.3 – Total corpus fund generated

0
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## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	No	Nill
Administrative	No	Nill	No	Nill

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents have provided wholistic information on the working of the institution, in the Parent Teacher Meetings, They have extended extensive support towards the institution during NAAC Peer Team Visit, They have given valuable feedback on the working of the BRSNC Live Classroom during the Pandemic.

6.5.3 – Development programmes for support staff (at least three)

Skill Enhancement Programme for the Support Staff of the college, Workshop on Security and Safety for the Support Staff of the college, 7 Days Computer Training Programme for the Support Staff of the college.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Six Certificate Courses have been introduced for PG students , Students Feedback Portal related to syllabus has been introduced, ISO 45000 : 2018 certification has been accomplished.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
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2020	Training Programme for Skill Development of The Non-Teaching Staff	Nill	14/03/2020	Nill	82
Nill	professional development programme for Teachers -Artificial Intelligence in Teaching	Nill	04/03/2020	Nill	150
Nill	Seven day computer training programme for the Non-Teaching Staff of the College	Nill	03/02/2020	11/02/2020	10
Nill	One Day International Seminar on Swadhinata Uttar Bangali O Bangla Bhasha	Nill	22/02/2020	Nill	110
Nill	One Day National Seminar on Research Ethics Purview of library	Nill	15/02/2020	Nill	100
Nill	One Day National Seminar on Modern approaches in the field of Nutrition Sciences	Nill	13/02/2020	Nill	85
Nill	One Day National Seminar on Recent Trends in Commerce Business Research	Nill	07/02/2020	Nill	90
Nill	7 Day	Nill	04/02/2020	11/02/2020	120



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#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
CODE OF CONDUCT HANDBOOK.	01/07/2019	Code of conduct handbook exists for students, teachers, governing body, Principal /Officials and support staff. It is distributed to the students at the beginning of Semester I of UG and PG.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2019	Nil	45
Celebration of Republic Day	26/01/2020	Nil	55
Observance of World Aids Day	01/12/2019	Nil	50
Blood Donation	19/02/2020	Nil	45
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green Audit 2. Waste Management initiatives 3. Planting of trees. 4. Initiatives towards paperless office 5. Plastic free campus

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**BEST PRACTICE - I: NAME: ISO 45001:2018 CERTIFICATION** **OBJECTIVE:** The principal objective of the ISO 45001:2018 certification is to ensure the occupational health and safety of workers and visitors in the workplace. It aims at minimizing workplace accidents and to mitigate any factors that can cause irreparable harm to employees business. **THE CONTEXT:** The certification is the worlds international standard for occupational health and safety, issued to protect employees from work - related accidents and diseases. It provides new impetus towards occupational health and safety practices in the institutions. Our institution has always attached utmost importance to health and safety measures extended towards its staff and students. **THE PRACTICE:** Prior to the outbreak of Covid - 19 pandemics, the institution has received UQSR Certificate ISO 45001-2018 from UQSR Global Pvt. Ltd (Formerly known as Universal Quality Assurance Registrar). This certification relates to the occupational health safety of the staff and the students of the College. The institution has continued with its emergency administrative work with a skeletal staff comprising of very few teachers and support staff. Majority of the teachers have remained indoors teaching the students through our own digital platform through which classes are held on online mode. Other details regarding the certification include: Certificate No: UQSR-1538-BRSC Issue Date: 03.01.2020 Re-certification date: 03.12.2022 IAF Code: 37. **PROBLEMS ENCOUNTERED** **RESOURCES REQUIRED:** The institution has exhibited uniqueness in management of the unprecedented crisis wrought by the Covid-19 pandemic. In order to maintain the requirements of the ISO 14001-2018 certification, the institution has purchased

30 automatic hand Sanitizing machines carried out periodic sanitization of the college campus and used surface sanitizers and sprays on regular basis to protect the staff and the students, who are visiting the campus occasionally, from the deadly virus. Further, wearing of masks has been made mandatory in the college campus. EVIDENCE OF SUCCESS: Since certification, all staffs have followed all workplace safety measures with utmost care and there has been absolute adherence to Covid protocol. No workplace accidents or adverse health or safety issue has been reported till date. BEST PRACTICE- II: NAME: DEDICATED AUDIO VISUAL APPLICATION: BRSNC LIVE DIGITAL CLASSROOM OBJECTIVE: The objective of this dedicated audio - visual application is to provide a dedicated, personalized and password protected teaching learning portal to all teachers and students THE CONTEXT: Our college has always considered the teaching-learning activities to be of greatest importance to the institution. The pandemic has created largest disruption of education systems in human history. Social distancing has significantly disturbed traditional educational practices. Anxiety prevailed among all stakeholders of the college with the announcement of the nationwide lockdown on the twenty fourth of March, 2020. However, the IQAC with the support of the Governing Body, steered the introduction of a dedicated tailor-made audio visual e-learning application BRSNC Live Digital Class Room. THE PRACTICE: Just after the nationwide lockdown on the 24th of March, 2020, The BRSNC LIVE DIGITAL CLASSROOM effectuated the running of regular online classes from the month of April, 2020. This is supported by PG and UG Learning Management System and online access to the library. It provides the platform for audio - visual teaching as well as has portals for uploading of teaching notes, assignments, reference books etc. The classes held strictly follow the existing routine that was followed for face to face teaching. The teachers and students have accepted the live platform with great zeal and fervour. The live platform signifies a paradigm shift in the teaching learning methodology. It is a significant shift towards a digital pedagogy. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Our college falls in an adjoining district of Kolkata and as a result the socio-economic background of the students is not at the highest level. Digital illiteracy and data cost stood as the main problems for the students. However, a detailed training slide was prepared for educating the students to properly join and continue the classes. For students having less internet data, keeping camera off during the classes was allowed. EVIDENCE OF SUCCESS: The teachers and students have accepted the live platform with great zeal and fervor. The live platform signifies a paradigm shift in the teaching learning methodology. It is a significant shift towards a digital pedagogy. Since inception, teachers and students have expressed their complete satisfaction with this dedicated digital learning platform. Students' attendance is also considerably good over the digital platform.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://brsnc.in/uploads/1623663449.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Cine Parbon-International Short Film Carnival and Awards: Barrackpore Rastraguru Surendranath College, organises a festival of short films called Cine-Parbon at 6,Riverside Road Campus since 2016. A Carnival of Films and Awards , Cine-Parbon, invites short-films from all the film makers irrespective of any barrier. Hence it is named, Cine - Parbon, an International Carnival of Films and Awards. Every year we receive more than forty films on an average in the competitive section. Besides, there are other sections like Special

Screening and International Select and Classics. Each year this festival of short films takes place on 27th and 28th of February. The 5th Cine-Parbon Short Film Festival and Carnival took place on 27th, 28th and 29th February 2020. Out of 72 films submitted, 35 films were selected for the competition. The guests present were renowned actors Rahul Arunodoy Banerjee, Aryan Bhowmick and lyricist Dipangshu Acharya. The competition was judged by Pradipta Bhattacharya. The Best Film award was won by Kukli, a film by Shyama Sundar Majhi. Cine - Parbon not only showcases films made by our students but also introduces them with film makers and technicians from the industry. They get an opportunity to enrich themselves with varied aspects of media and entertainment industry. We look forward to widen the purview of this festival with all-encompassing support from the college authority.

Provide the weblink of the institution

<https://brsnc.in/uploads/1623676160.pdf>

## 8.Future Plans of Actions for Next Academic Year

To cope with the hurdles and difficulties generated by the Covid -19 Pandemic with utmost determination and fervour. To organize webinars, seminars and workshops for expanding academic horizon and research outlook of the faculty and the students of the institution. To organize training programmes and workshops for skill enhancement of the support staff of the institution. To introduce a platform to conduct online classes regularly. To expand ICT enabled innovative teaching and evaluation methods. To expend substantial amount of funds for research and innovation. To monitor and analyze Students Feedback related to syllabus and send the same to the affiliating University in case of UG students and to act in response to the feedback received in case of PG students. To monitor proper functioning of the Student Satisfaction Survey Portal. To bring in to consideration concession of institutional fees in order to cope with economic hardships generated by the Covid-19 Pandemic. To offer better career guidance and placement measures for final year students. To arrange Educational Trips, Excursions, Industry Visits, etc., to instill empathy, tolerance and critical thinking skills in the students. To execute various gender sensitization and social awareness programmes to inculcate a feeling of social responsibility among the students. To conduct green audit and gender audit as regular practice of the institution. To observe days of national importance to promote respect towards the nation among the students.. To organize exchange programmes and other collaborative activities with Sri Guru Ram Rai PG College, Dehradun, an institution linked to our college by MOU. To extend the MOU with Shri Guru Ram Rai PG College and sign new MOUs with other institutions. To conduct social extension and relief activities in the vicinity of the college in response to the hardships caused by the Covid - 19 Pandemic. To encourage the faculty to apply for and achieve awards, recognitions and fellowships from recognized institutions. To encourage the faculty to register for PhD and to pursue research. To increase the number of audio visual lectures to bring about significant development of the existing LMS system. To undertake an approach towards the introduction of several entrepreneurship and training programmes for the students. To introduce new certificate courses for PG students. To expand the existent drive towards a paperless office.