



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		BARASAT GOVERNMENT COLLEGE
Name of the head of the Institution		DR. DEBESH ROY
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		03325523365
Mobile no.		9433563658
Registered Email		principal@bgc.org.in
Alternate Email		iqac@bgc.org.in
Address		10, K.N.C Road, Barasat (N 24 Parganas), Kolkata-700124
City/Town		Barasat
State/UT		West Bengal
Pincode		700124

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	state
Name of the IQAC co-ordinator/Director	DR. PRABIR KUMAR BHATTACHARYYA
Phone no/Alternate Phone no.	03325523365
Mobile no.	9433788749
Registered Email	iqac@bgc.org.in
Alternate Email	bhattacharyyaprabirkr@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.bgc.ac.in/pdf/IOAC/aqar-report-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.bgc.ac.in/pdf/IOAC/Academic-Calender-2019-20-converted.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.6	2009	16-Sep-2009	15-Sep-2014
2	A	3.06	2016	19-Jan-2016	18-Jan-2021

6. Date of Establishment of IQAC	06-Jan-2010
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7. Internal Quality Assurance System

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

IQAC Meeting	11-Jun-2020 1	9
IQAC Meeting with system management committee and Alumni association	15-Apr-2020 1	11
IQAC Meeting	05-Feb-2020 1	9
IQAC Meeting	20-Sep-2019 1	8
No Files Uploaded !!!		

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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. The IQAC has kept regular contact with the various stakeholders of the institute namely nonteaching staff, faculty members, students etc. to address their problems and to ensure a smooth running of the college. The IQAC arranged so that some faculty members share the administrative workload of the college office temporarily to compensate the low strength of office workers. 2. IQAC collaborated with the various departments of the college to organize seminars/webinars to help both teachers and students to adopt to the new courses introduced in the CBCS syllabus. 3. IQAC collaborated with the alumni association and various faculty members to provide help to the students in their elearning process during the pandemic by providing them smart phones and data as required. 4. Online lecture series/ webinars by eminent scholars of various fields as per

proposal of IQAC was initiated by different departments. 5. IQAC collaborated with NSS to organize a selfemployment skill generation workshop in the college for the benefit of the students

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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

Plan of Action	Achivements/Outcomes
Proposal for seminars and workshops grants from UGC and West Bengal Government.	Many departments have approached different funding agencies like ICPR, IACS etc. for funding workshops and seminars.
Student management system to be improved to include complete online feedback system to save paper wastage.	An online feedback system using google forms was initiated by IQAC.
NSS to be approached to arrange a certificate course on preparation of handicrafts, cloth designing etc. for enhancement of employment generation skills of students.	An employment generation certificate course on handicraft designing was organised in collaboration with NSS
New skill development programs are to be suggested for undergraduate courses like computer programming, handicraft making etc. for the benefit of the students.	Online skill development courses like computer programming, software use etc. were organized by some departments.
Completion of new library building, to provide additional space for library.	The new library building has been completed but the existing library facility could not be shifted to the new building due to the ensuing lockdown.
Digital cataloguing of library books with bar code assignment to be completed.	The process is still under process and could not be completed due to fund crunch and ongoing covid pandemic.
A Green Audit of the college need to be organized in view of the measures taken to make the campus eco-friendly.	The college was closed from mid-March 2020 due to covid pandemic. Hence no green audit could be conducted
Academic audit of the different departments of the institution are to be conducted by a select team of academicians constituting of faculty members of the college and academic personnel from other institutes.	Internal academic audit was conducted by the college authorities for all the departments of the institution. The external audit could not be performed due to the sudden closure of the institute because of covid pandemic. Planning to conduct an online academic audit

No Files Uploaded !!!

14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	03-Jul-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	A comprehensive student management system handling all aspects of student data has been introduced. It is a web based ERP application managing data of student, faculty and Management staff. It is hosted in cloud server thus allowing to access information at any point of time using any internet enabled devices. The cloud application allows linking any payment gateway or bank to manage any kind of financial transaction from the student end for their respective fees payment. The cloud application can be integrated with the SMS and Email server for sending various kinds of SMS and Email alerts.

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

The UG departments of the institution follow the syllabus and guidelines of the affiliating university. Several teachers are members of the Undergraduate Board of Studies, where they actively contribute in the university's curriculum forming process. The PG departments have academic autonomy. They frame their syllabus, with advice from subject experts, which are subsequently approved by the PG BOS. The PG syllabus is included in the PG prospectus. The Institution has upgraded itself to cope with the demands of the changing syllabi. It uses supports of smart classrooms, ICTs, audio-visual material available on the internet to make a successful implementation of the curriculum. Student seminars and discussion sessions are organised to further the objective of improved communication of the syllabus. Resource persons are also invited to deliver talks and lectures. All activities of the institution are continually documented through photographs of the events, records of attendance in classes and extracurricular activities. These records are preserved by respective departments and committees. The departments also preserve projects and

presentations as part of the documentation. Notices are published in the general notice book, notice board and the website to inform all stake-holders about an event. They also form a part of the documentation of an event/activity.

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
nil	Nil	Nil	Nil	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
Number of Students	Nil	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
nil	Nil	Nil
No file uploaded.		

1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Botany	46
BSc	Zoology	19
BSc	Geography	35
MSc	Zoology	24
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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

1) Regular feedbacks are taken from students by the departments via google form so that the identity of the student is not disclosed. The feedback analysis is sent to the IQAC, centrally analysed and addressed (or redressed). 2) Teachers' council meetings must be regarded as a well-documented feedback taking platform. Teachers both give and resolve issues in these meetings about every academic activity. 3) Since ours is a government institution, the institution submits regular reports to the government about all its activities and its functions according to government rules and instruction. The Government send its nominees and representatives to procure further information, if so required. 4) The college has a strong and effective alumnus. Some of the regular teachers being Alumni members act as liaison officers exchanging information between the alumnus and the institution. Moreover, a feedback form for the alumni is available in the college website which the alumnus can access and share their valued opinions of the college. 5) The departments also organizes Parent-Teacher meetings. These meetings are very effective platforms for teachers to give their feedbacks to the parents about their wards and the facilities that are enjoyed by students in this college. Parents also give their feedbacks via a google form which are centrally collected by the IQAC, analysed and redressed if required.

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
MSc	Zoology, Botany, Physics	93	308	86
MA	Bengali	36	71	29
BA	English, Bengali, History, Philosophy, Political Science, Sanskrit	908	8103	807
BSc	Physics, Chemistry, Zoology, Botany, Mathematics, Geography, Economics	581	4473	496

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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	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2019	1303	115	45	Nil	30

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	Number of smart classrooms	E-resources and techniques used
75	73	9	12	2	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

A number of methods are in place for mentoring students in this institute. The majority of students of this institute come from lower middle class or economically poor households. Many of them are 1st generation learners with no academic environment at home. Keeping this backdrop in mind, the institute has devised different systems to cater for the academic and overall development of the student. Each department holds regular tutorial classes (at least 4 per week). Remedial classes are also held for socially and economically vulnerable students after college hours though UGC funds for such classes were discontinued. To give mental support of students a psychological counselling cell of the institution is active. Awareness programs and workshops are held regularly aimed at personality development and gender sensitization. To enhance speaking and presentation skills of students Student seminars/ class room seminars are also organized. Field based subjects organizes regular field study to integrate theoretical classroom knowledge with experience gained in the field.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1418	75	1:19

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
82	75	7	9	54

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. Somaditya Dey	Assistant Professor	Travel grants to early-career researchers from American Association of Immunologists for attendance and paper presentation (poster) at the 17th International

			Congress of Immunology, 2019, Beijing, China, organized by IUIS and CSI, on 19-23rd October,
2019	Dr. Somaditya Dey	Assistant Professor	Joint Winner of the BRIC idea exposition stipend of Rs. 25000/- (Theme: Pharmaceuticals and Nutraceuticals), organized by the Biotechnology Industry Research Assistance Council (BIRAC), IKP Knowledge Park (IKP), and IICB (TRUE), Salt lake, Kolkata on
2020	Dr. Sumana Saha	Associate Professor	Secured "Second Position" in National level e-poster Competition in COVID-19 lockdown on "March towards better future with clean environment" jointly organized by IQAC P.G. Department of Conservation Biology, Durgapur Government College Durgapu
2020	Dr. Sumana Saha	Associate Professor	Secured "Award Winning Photography" in the online State level photography competition "NATURE THROUGH LENS" organized by Department of Zoology, Sree Chaitanya College, Habra held on 12.06.2020.
2020	Dr. Sudip Mukherjee	Assistant Professor	Ph.D from Calcutta University
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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
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

All departments conduct weekly test/ internal assessments to assess the progress of students. The students are shown the evaluated answer scripts and discussion on the academic performance is initiated. Quizzes are held to enhance the understanding of concepts and theories of various subjects and to increase the level of confidence of students. Students are shown films/ videos on different topics and made to enact texts as a part of their learning process.

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

An academic calendar is prepared and uploaded in the college website. It may be accessed by all stakeholders. There is an Internal exam committee which is formed of teachers of various departments who are in charge of conducting the internal exams in accordance with the academic calendar. Due to the covid pandemic the original academic calendar could not be adhered to. Hence examinations were conducted online according to a new schedule.

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)

<http://bgc.ac.in/pdf/IOAC/Students-Academic-Records-2019-20.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
17,07,13	MSc	Zoology, Botany, Physics	56	56	100
19	MA	Bengali	21	21	100
102,101,108, 106,109,103	BA	English, Bengali, History, Philosophy, Political Science, Sanskrit	315	266	84.4
116,117,119, 121,115,144, 145	BSc	Physics, Chemistry, Zoology, Botany,	176	139	79

Mathematics,
Geography,
Economics

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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)

<http://bgc.ac.in/pdf/IOAC/Infrastructure-BGC-2019-2020.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
Minor Projects	550	West Bengal Biodiversity Board, Govt of West Bengal	0.4	0.4

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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
No Data Entered/Not Applicable !!!		

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
Best Science Fiction Book in Bengali Satyendra Puraskar	Chandan Surabhi Das	Govt. of West Bengal, Deptt. of Science and biotechnology.	28/02/2020	Nil
Joint Winner of the BRIC idea exposition stipend of Rs. 25000/- (Theme: Pharmaceuticals and Nutraceuticals)	SOMADITYA DEY	Biotechnology Industry Research Assistance Council (BIRAC), IKP Knowledge Park (IKP), and IICB (TRUE), Salt lake, Kolkata	21/09/2019	Nil
Travel grants to early-career researchers	SOMADITYA DEY	American Association of Immunologists	23/10/2019	attendance and paper presentation (poster) at the 17th International Congress of Immunology,

				2019, Beijing, China, organized by IUIS and CSI
Diversity of spider fauna in backyard rice agroecosystem, 2 nd prize in National level e-poster competition in COVID-19 lockdown on "March towards better future with clean environment" (through online) (held on 5th to 12th June, 2020)	SUMANA SAHA	(IQAC) P.G. Dept.of Conservation Biology, Durgapur Government College Durgapur Wildlife Information Nature Guide Society (WINGS)	12/06/2020	e-poster competition in COVID-19 lockdown on "March towards better future with clean environment"
Secured 1 st position in competitive poster presentation in National level seminar on global warming and bio diversity Conservation	SRIKANTA GURIA	West Bengal Biodiversity Board, Dept. Of Zoology, Raja Peary Mohan College with SEBA	02/08/2019	competitive poster presentation in National level seminar on Global Warming Biodiversity Conservation
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
BOTANY	1

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)
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International	ZOOLOGY	2	Nill
National	ZOOLOGY	11	Nill
International	ECONOMICS	1	Nill
International	BOTANY	2	Nill
International	PHYSICS	4	Nill
National	SANSKRIT	2	Nill
National	HISTORY	2	Nill
National	BENGALI	4	Nill
International	CHEMISTRY	2	Nill
No file uploaded.			

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
BENGALI	1
BOTANY	3
HISTORY	3
GEOGRAPHY	3
ZOOLOGY	1
No file uploaded.	

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
No Data Entered/Not Applicable !!!						
View File						

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 citation	Institutional affiliation as mentioned in the publication
nil	nil	nil	Nill	Nill	Nill	Nill
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	16	36	17	4
Presented papers	15	11	4	Nill
Resource persons	1	Nill	2	2
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
Art and craft workshop	NSS barasat Govt. College and Fevicryl Company	1	30
No file uploaded.			

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
National level e- poster competition in COVID-19 lockdown on "March towards better future with clean environment" (through online) (held on 5th to 12th June, 2020)	Second Prize by DR. SUMANA SAHA	(IQAC) P.G. Dept.of Conservation Biology, Durgapur Government College Durgapur Wildlife Information Nature Guide Society (WINGS)	1
competitive poster presentation in National level seminar on Global Warming Biodiversity Conservation	FIRST PRIZE by DR. SRIKANTA GURIA	West Bengal Biodiversity Board, Dept. Of Zoology, Raja Peary Mohan College with SEBA	1
attendance and paper presentation (poster) at the 17th International Congress of Immunology, 2019, Beijing, China, organized by IUIS and CSI	Travel grants to early-career researchers by DR. SOMADITYA DEY	American Association of Immunologists	Nil
BRIC idea exposition stipend of Rs. 25000/- (Theme: Pharmaceuticals and Nutraceuticals)	Joint winner DR. SOMADITYA DEY	Biotechnology Industry Research Assistance Council (BIRAC), IKP Knowledge Park (IKP), and IICB (TRUE), Salt lake, Kolkata	Nil
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/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Youth Parliament Competition (History)	West Bengal State University (conducted as per guidelines of the Department of Parliamentary Affairs, Govt. of W.B.)	District level Youth Parliament Competition	4	30
No file uploaded.				

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
nil	nil	Nil	Nil
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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
nil	nil	Nil	Nil	Nil	Nil
No file uploaded.					

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
nil	Nil	Nil	Nil
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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
1076	1076

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added

Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
No file uploaded.	

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	Partially	17.1	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	74372	10833611	182	55939	74554	10889550
Reference Books	19502	3273909	Nil	Nil	19502	3273909
e-Books	187000	5750	Nil	Nil	187000	5750
Journals	52	40798	Nil	Nil	52	40798
e-Journals	1130003	5750	Nil	Nil	1130003	5750
CD & Video	150	Nil	Nil	Nil	150	Nil
Others (specify)	17	1722	Nil	Nil	17	1722

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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
nil	nil	Nil	Nil

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	206	6	104	27	1	14	130	100	0
Added	0	0	0	0	0	0	0	0	0
Total	206	6	104	27	1	14	130	100	0

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

0 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
nil	Nil

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
10.8	10.8	1	1

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)

This college being a Government College of the State of West Bengal, its physical maintenance, mainly maintaining the buildings of the college, is entrusted with the P W D (Civil Electrical) of the Govt. However other than building, for the maintenance and utilization of academic and physical facilities, the H E Department, Govt. of West Bengal, disburses funds and the college authority spends the fund on priority basis. For the Academic facilities, it spends money on maintenance of Copier machines, Computers and Microscopes of different departments. Wi-Fi maintenance is also under the purview of academic facilities for providing uninterrupted internet facilities to teachers and students of the college. So far as Physical facilities are concerned, the college maintains 1) water purifier machines for providing safe drinking water 2) a soundless generator is maintained for providing uninterrupted power supply during load-shedding.

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	Full fee waive Half fee waive	515	0
Financial Support from Other Sources			
a) National	Swami Vivekananda (SVMCM), Swami Vivekananda merit cum means (minority), NSP, Kanyasree (K1, K2, K3), SC/ST/OBC scholarship	3076	39326000
b) International	Nil	Nil	Nil

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 implementation	Number of students enrolled	Agencies involved
Remedial Coaching	22/07/2019	452	College
Language lab	24/07/2019	305	College
Psychological Counselling Cell	26/07/2019	534	College
No file uploaded.			

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	Career oriented counselling on GRE, TOEFL and IELTS, opportunities of higher studies abroad and mock examination by Manya	90	Nil	Nil	Nil
No file uploaded.					

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
1	1	8

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
nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
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	enrolling into higher education				admitted to
2020	258	B.A., M.A., B.Sc, M.Sc	Bengali, Botany, Chemistry, Economics, English, Geography, History, Mathematics, Philosophy, Physics, Political Science, Sanskrit, Zoology	WBSU, CU, JU, BHU, Visva Bharati, IIT Dhanbad, IIT Guwahati, IIT Bombay, IIT Bhubaneswar, University of Hyderabad, BU, VU, RBU, University of Kalyani, NSOU, VIT University, LPU, CIFRI (ICAR Institute), Rajiv Gandhi Centre for Bio. Tach, Sanskrit Col	JRF, DBT Project Assistant, M.A., M.Sc, B.Ed, D.El.Ed, ITI, LLB, BLIS, Animat ion-VFX
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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	10
SET	1
GATE	6
Any Other	11
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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
Kabaddi	Inter- College	2
Badminton (Men)	Inter - College	3
Badminton (Women)	Inter- College	3
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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
Nil	nil	Nil	Nil	Nil	Nil	Nil

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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)

As per the G.O. 168ILC/OM34L/2017, dated 07.06.2017 issued by the Higher Education Department, Government of West Bengal new rules regulating the constitution, functions, procedure of election and other related matters related to the Students Council of the Universities and Colleges were framed. But in absence of any Government directive the college under the control of the Higher Education Department, the Government of West Bengal could not form the student council in the Academic Year 2018-19. Instead, the College formed a Fund Management Committee consisting of four Faculty members as an interim arrangement. Under the supervision of that Fund Management Committee, a student body performed the following activities. 1) College Sports and Games: The students body organized three days annual sports meet on 28-02-2020, 29-02-2020 and 02.03.2020. The students of the College participated in various events like Volleyball, Cricket, Short put, Run etc. Events were also organized for teachers and non-teaching Staffs. On the last day, prize distribution took place. 2) Fresher's Welcome Ceremony: Fresher's Welcome Ceremony was organized on 25-09-2019 to welcome the 1st year students of the College. The principal inaugurated the program. Even some of the faculty members and teachers share their experiences with the students. All the students (newcomers) were welcome with flowers and sweets. In the evening where cultural Program was organized in which Snigdhajit and Pota were the performers. 3) Saraswati puja: The students of Barasat Government College organized Saraswati puja on 29-01-2020 on the College Campus. Some faculty members, staff and students participated in the ceremony to make it successful. 4) Basanta Utsab: The Basanto Utsab was organized by the students of Barasat Government College to celebrate the starting of the spring season on 7th March 2020. A Bengali Band Grihostholi and the College students have performed in the cultural program. 5) Puja Parikrama: On the occasion of Kali puja, Puja Parikrama was organized on 28th October 2019 by the Barasat Government College for mentally retarded children. 6) Essay-writing competition: An essay competition was held from 10.04.2020 to 13.04.2020 for the students of Barasat Government College. They were to submit short stories mainly on the topics related to Covid-19, on online mode. Prizes were also arranged for the first three winners. 7) Preparation of Hand-sanitizers: Hand-sanitizers were prepared by Barasat Government College as per WHO guidelines. The sanitizers were distributed to the Barasat Police Station and Kisholaya Home Barasat 21.03.2020 onwards. 8) Celebration of Rabindra Jayanti: 159th birth anniversary of Rabindranath Tagore was celebrated on 8th May 2020 by the students of Barasat Government College. An online program was organized to celebrate Rabindra Jayanti which includes, dance, Song, recitation etc. The students represent the following Academic / Administrative body of the College. I. Governing body II. IQAC III. Anti-ragging and Disciplinary Committee IV. Project Monitoring Unit: RUSA.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes It is registered under the certificate of Registration of Societies West Bengal Act XXVI of 1961. The registration No is S/2L/No.52752 of 201516. The Barasat Government College Alumni Association was registered under the above act on 16th March 2016. The registered office of the association is situated at 10, KNC Road, Barasat, North 24 Parganas, Kolkata 700124, West Bengal. A digital certificate of registration has been issued on 29th July 2019.

5.4.2 – No. of enrolled Alumni:

130

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

14000

5.4.4 – Meetings/activities organized by Alumni Association :

1. The 70th Foundation Day celebration of Barasat Government College was organised by the Barasat Government College, Alumni Association in collaboration with the Barasat Government College authorities. The program was presided over by Prof. Debesh Roy, Principal, Barasat Government College, along with distinguished alumni members. This year, we felicitated two of our distinguished pathbreaking alumni who have shown exemplary and fascinating skills in non conventional professions. Ms. Tania Sanyal who has successfully established herself as the First Women Fire Fighter in the history of Indian Aviation - a former student of the post graduate Department of Botany, Barasat Government College and Mr. Dhritiman Mukherjee, Award winning photographer and Naturalist who has won several accolades both national and international in the domain of wildlife photography specially the Carl Zeiss Conservation, the RBS Earth Hero award and the Kirloskar Vasundhara Mitra award. The program was concluded by a presentation from Golden Horizon Education Trust an organization who promoted their initiative of foreign language training for students. 2. Four meetings of alumni members were convened. 3. Rs. 2000 was donated as book grant. 4. 2 smart phones were provided to economically deprived students for pursuance of online classes

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 governing body comprising teachers, students, nonteaching staff, local representatives and renowned academic practitioners actively help in various strategic decision making processes of academic and administrative matters of the college.
- The IQAC is comprised of teachers, alumni, non teaching staff, student representatives and local eminences. This body along with the teachers' council aid in the overall management of the institute. The teachers' council forms committees like admission, examination, routine, cultural, sports committee etc. which help in the smooth functioning of the college

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

Partial

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
Examination and Evaluation	Before the pandemic Since the college is affiliated to the West Bengal State University, it does not have academic autonomy to design examination pattern or evaluation procedure for the undergraduate courses. However the departments design regular internal exams, weekly tests, quiz and students seminar to assess students' academic

progress. The three PG departments of the college enjoy academic autonomy in designing examination and evaluation methodologies in semester pattern. Examination pattern includes semester exams, practical tests, student presentation and dissertations During the pandemic all exams were conducted in online mode, either through handwritten papers, scanned and uploaded as pdf files or through google forms. Regular quizzes, multiple choice exams etc. were taken, to make students familiar with the competitive exams for PG entrance.

Curriculum Development

The College is affiliated to West Bengal State University currently, for the under-graduate courses. The new CBCS system for UG has been implemented by the university from 2018-19 academic year. The syllabus has been framed by the university through workshops and seminars . The teachers of all our departments has actively participated in this process. Moreover several faculty members of our college belong to the UG and PG board of studies and hence play an active role in syllabus designing. The departments arrange students talks and seminars to encourage public speaking and academic research, moving beyond the set syllabus of the university. In the Post-graduate departments there is scope under the present system to function outside the purview of the affiliating university. The main salient feature of syllabi of all P.G. departments is to include dissertation, presentation in the part of the core curricula encouraging the mastering of research and analytic writing skills. The entire PG syllabus is remodelled biennially in PG Board of Studies meeting, whereby all recent developments in the discipline are incorporated in the PG syllabus

Teaching and Learning

Before the pandemic, ICT enabled teaching-learning process was encouraged. Interactive teaching-learning process was adopted through Educational excursions , Film-shows, Quiz etc. The post graduate department provides ample infrastructure for pursuing research work on different specialized branches. The assembly of carefully chosen instruments often

combined with analytical software in different laboratories assure training and accessibility to a wide range of pupils from undergraduate level to researchers. Students seminars were organized to encourage presentation skills. During the pandemic the teaching learning process shifted completely to online mode, through online live classes, you tube videos, pdf notes, audio recordings etc. Economically challenged students were provided with data and devices to assist in the learning process. Regular webinars, workshops and talks by distinguished academicians were held to encourage the students.

Research and Development

1. The institution continues to support and encourage the teachers in their research endeavours through a Research Committee comprising of senior faculty members. 2. Institutional support is provided to enable implementation of research schemes in the following ways: i. Full autonomy is given to the Principal investigator for smooth conduct of the research project. ii. Funds sanctioned by the different agencies are released without delay as and when required by the researcher. iii. The College provides major infrastructural facilities like library, laboratory, computer and internet facilities to pursue research activities. Central Instrument Facility containing sophisticated instruments are available (especially for science Departments) to researchers to carry out advanced investigations.

Library, ICT and Physical Infrastructure / Instrumentation

Computerization of the library documents is being done by using KOHA software including bar-coding of the books and OPAC facility. Various departments of the college like physics, geography, chemistry etc. use several software's as teaching methods. Power point presentations, film shows etc. are regularly used by teachers in the learning process. The institute provides smart class rooms, well equipped laboratories, wi-fi facility, computer centers, language lab, well-stocked library and uninterrupted power supply for the students. Teachers are provided with laptops and projectors for ICT enabled teaching.

Human Resource Management

Effective utilisation of existing man-

power through T Q M. Attendance records of the teaching and non-teaching staff. Regular notification of different activities. Regular meetings of various committees for academic and administrative purposes Regular Parent-Teacher meetings in various academic departments. Online Feedback from students, parents and alumni through google forms Maintenance of college web-site through which different notifications are circulated. WhatsApp groups with students and teachers to maintain active communication The various departments and sections of the college are connected via internet enabling faster pace of data sharing and interface.

Industry Interaction / Collaboration

Nil

Admission of Students

A complete Web-based admission process has been launched by the college from the session 2018-19 which has ensured complete digitalization of the college admission procedure. Facilities such as online gateway-based payment system for all the courses (card/ internet banking) have been made available. The system also provides a live web-based portal for generating merit list and counselling list for all the UG and PG courses. Online checking of marks for internal examination and test Examination for UG courses are also made available. Also, provisions have been made for online accessibility of study materials, syllabus, academic calendar and routine for different courses under the BA and BSc programmes.

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

E-governance area	Details
Planning and Development	Plans for the improvement and development of the institute are chalked out by the principal, governing body members and IQAC members. The minutes of the meetings are regularly uploaded in the college website.
Administration	Through ICT the college manages the complete dataset for both teaching faculty and students. Student information, registration and admission are completely online Time table and class attendance data are maintained online. Examination results and internal assessment marks are

	<p>maintained as e-data. All notices are circulated online through college website. All leaves (medical, earned, casual), travel allowances, station leave permission etc. are obtained by teaching faculty and non teaching staff through WBIFMS portal.</p>
Finance and Accounts	<p>The financial management of the institute is totally computerized. All financial transactions like staff salary, arrear bills, bills for chemicals, instruments, equipments and stationeries are done through WBIFMS.</p>
Student Admission and Support	<p>A complete web-based admission process has been launched by the college from the session 2018-19 which has ensured complete digitalization of the college admission procedure. Facilities such as online gateway-based payment system for all the courses (card/ internet banking) have been made available. The system also provides a live web-based portal for generating merit list and counselling list for all the UG and PG courses. Online checking of marks for internal examination and test Examination for UG courses are also made available. Also, provisions have been made for online accessibility of study materials, syllabus, academic calendar and routine for different courses under the BA and BSc programmes.</p>
Examination	<p>Before the pandemic since the college is under the purview of WBSU, there was no provision of online examination. However the students' internal examination marks are updated in the college website. The internal evaluation reports of the students are sent online to the university. During the pandemic, all examinations were conducted in online. Questions were circulated either in pdf form through WhatsApp groups of students or via google form. Answer scripts were also received online via dedicated email ids. Provisions were provided to students who did not have internet access to physically submit answer scripts in handwritten format offline to the college authorities.</p>

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
Nil	nil	nil	Nil	Nil
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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)
Nil	nil	Nil	Nil	Nil	Nil	Nil
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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 on disaster management	1	03/02/2020	15/02/2020	13
Short term course on gender sensitivity organized by UGC/HRDC JU School of Womens Studies	1	12/03/2020	18/03/2020	7
Refresher Course on recent development in Biological Sciences	1	16/08/2019	29/08/2019	14
114 Orientation Program at University of Burdwan	1	26/06/2019	16/07/2019	21
International Online Faculty Development program on Research Indicators,	1	22/06/2020	26/06/2020	5

Resources, Plagiarism and Academic Integrity				
Refresher Course on Environment and Sustainability	1	03/01/2020	16/01/2020	14
UGC sponsored Interdisciplinary Refresher Course	1	03/02/2020	15/02/2020	14
No file uploaded.				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
No Data Entered/Not Applicable !!!			

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
WB Govt. Health scheme, Leave Travel Concession	WB Govt. Health scheme, Leave Travel Concession	Poor students fund, Students health home, Various scholarships

6.4 – Financial Management and Resource Mobilization

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

The financial external audit of the institution is conducted by the central govt. Body, Accountant General of Govt. Of India. • The PG departments conduct internal financial audit annually by the help of chartered accountant firms.

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
nil	Nil	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

0

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	Nil	Yes	IQAC
Administrative	No	Nil	No	Nil

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

The college has no formal parent teacher association but regular feedback from

parents is obtained from the parent teacher meetings organised by individual departments on a regular basis and through online feedback forms sent to the parents by the departments. An online feedback system is also operational through the college website.

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

A training program on modified modules of WBIFMS

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

1. An administrative cum library building has been constructed in the college premises. 2. Workshops has been conducted for generation of employment skills 3. An online feedback via google form has been collected maintaining the anonymity of students, alumni and parents for future action.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
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
2020	K.L. Mukherjee Memorial Lecture	06/02/2020	06/02/2020	06/02/2020	70
2019	One day seminar on chemistry	24/09/2019	24/09/2019	24/09/2019	45
2020	Workshop on Inscriptions and the evolution of indian scripts	24/02/2019	24/02/2019	24/02/2019	65
2020	Special Lecture on Media Ethics	24/09/2019	24/09/2019	24/09/2019	88
2019	Awareness program on gender sensitization	21/09/2019	21/09/2019	21/09/2019	87
2019	Special talk on Toni Morrison's Beloved	15/11/2019	15/11/2019	15/11/2019	39
2019	Special Talk on Nonsense Literature	28/11/2019	28/11/2019	28/11/2019	40

2020	Workshop on Media Writing for Teachers	27/06/2020	27/06/2020	27/06/2020	13
2020	Workshop on Creative Writing for Teachers	27/06/2020	27/06/2020	27/06/2020	15
2019	Seminar on Indian Social Institutions and Polity	20/09/2019	20/09/2019	20/09/2019	58
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awariness program on gender sensitization	21/09/2019	21/09/2019	49	38

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
4

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	Yes	4
Rest Rooms	Yes	11

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	13/07/2019	1	Open discussion on Vector	On the aftermath in the	66

					borne diseases	rise in the number of vector borne diseases in the surrounding locality	
2019	1	1	26/07/2019	1	An awareness rally against dengue and chikungunya	On the aftermath in the rise in number of patients of dengue and chikungunya in the locality	156
2019	1	1	27/07/2019	1	Leaflets distribution and public interaction regarding the vector borne diseases	Issues addressed on health risk caused by stagnant water in air coolers, tanks etc.	46
2019	1	1	11/09/2019	1	Preventive measures for fighting Dengue and Chikungunya	Cleaning of campus and adjacent areas and spreading of bleaching powder	39
2020	1	1	23/04/2020	1	Inter colleges slogan competition on awareness regarding covid 19	Covid awareness	41
2020	1	1	10/06/2020	1	workshop on awareness regarding coronavirus and social di	Covid Awareness	10

					stancing		
2020	1	1	20/03/2020	3	manufac ture and distrib ion of sa nitizers to Barasat Police Station, Kishalay Correctio nal Home	Covid p rotection to address scarcity of saniti sers	7

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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 of students	15/07/2019	The code of conduct for students is available in the college prospectus which is published at the onset of each academic year.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Awarness program on gender sensitization	21/07/2020	21/07/2020	87

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<p>Hazardous waste management: Care is taken to eliminate the production of hazardous waste or minimize the amount of waste for disposal by recycling, reusing and/or recovering the waste, by the departments of chemistry and biological sciences. To reduce the volume of chemical waste generated in the laboratories the following initiatives have been taken: a) Purchase of smallest quantity of hazardous chemicals required for our laboratories. b) Sharing surplus chemicals with other laboratories of biological sciences. c) Purchase of mercuryfree instruments. d) Substituting hazardous chemicals with nonhazardous chemicals whenever possible. e) Reducing the scale of laboratory experiments to reduce the volume of wastes being produced as and when possible. Apart from these, we have specially constructed a Waste Accumulation Area (WAA) outside the Department of Chemistry to dispose the waste. The waste is passed through a pipeline to the WAA. Some dismantled building materials or canteen waste are collected in the Vat for clearance by the local municipality</p>
<p>a. Efforts for Carbon neutrality Using Air conditioners at a fixed higher mode in order to reduce greenhouse gases and thereby mitigate climate change. Judicious use of electricity in the campus by sensitizing the stakeholders. ? Use of renewable Energy in the form of installation of solar panel photovoltaic system that will result in the reduction of carbon at the college premises. ? Judicious use of Natural Gas by the Departments of Chemistry and Biological Sciences results in minimum purchase of natural gas</p>
<p>Plantation: Tree Plantation programme was heldon 28th August, 2019 by the NSS</p>

Unit. The Department of Botany maintains a Medicinal Plant Garden in the college.

Vermitechnology Unit Barasat Govt. College has one vermicompost unit at the adjacent garden area. Vermicompost is prepared with various forms of biodegradable wastes with the help of earthworms. The earthworms eat the organic residues, digest it and excrete in the form of pellets. The earthworm excreta called worm cast which is vermicompost. We have followed Pit method which is commonly used for small scale production of vermicompost. This compost is used in the horticulture and medicinal garden of the college. Vermicompost is a nutrient rich compost which helps better plant growth and crop yield and improves physical structure of soil and increase water holding capacity of soil. The deepburrowing earthworms already present in the soil which indirectly improves fertility of soil. It improves root growth of plants and enhances germination, plant growth, and crop yield.

Preventive measures for fighting Dengue and Chikungunya The NSS unit of the College arranged for awareness programmes and drives for campus cleaning and spreading bleaching powder to prevent mosquito propagation on 13th July, 11th, 26th and 27th September, 2019, 2019.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices 2019-2020 Best Practice I Best Practice I Title of the Practice: Providing device and data to needy students to facilitate online classes. Objective: To ensure that needy students do not miss out on the online classes during the pandemic several steps were taken by the college. Among them was this generous decision of several members of the staff and the college alumni to provide devices and data to students who were financially ill-equipped to procure them. Context: The pandemic threatened to jeopardise the academic schedule, to prevent that several steps were taken: i) It was decided that classes will continue online on platforms that were feasible for the students. ii) It was also decided that teaching material would be uploaded on the college website so that students with poor connectivity could avail the resources. iii) Since many of our students come from economically challenged families it was decided that the college will provide them with devices and financial support for connectivity. Practice and implementation: i) The alumni were involved and they rose to the need and several students were provided with mobile phones. ii) Few departments too provided mobiles and leant monetary support for buying data to their students. iii) Several members of the teaching staff made personal arrangements for students to get data, especially after the lockdown and the devastation of cyclone amphan. Highlights of the program: • It ensured that education was available to the underprivileged even during the pandemic. • It fulfilled the policy of need-based education by opening up all possible platforms of accessing institutional support. • It brought together all stakeholders of the institution and reinforced trust and care among them. Best Practice II Title of the Practice: Programme to nurture self-employability of girl-students. Objective: As addressing the holistic needs of the girl students is one of the prime objectives of the institution, the NSS unit of the college decided to conduct programmes that would encourage entrepreneurship and employability among the girl students. Context: The NSS unit of the college undertook various programmes during the session 2019-2020, and continued their work even during the pandemic. Among their different projects they decided to train willing girl-students in craft making. An informal survey has revealed that the women of this region are engaged in various handicrafts and that they supply to an existing market. It was decided that the NSS would encourage and enhance the possibilities of self-employment of women with further training. Practice and implementation: • The programme was carried out through a 7 day workshop conducted on Saturdays and several days of the puja vacation. • 30

students and 1 NSS officer were engaged in this programme. • The students made wall hangings, jewel boxes and similar marketable products during the workshop. Highlights of the self-employability programme: • The programme was a huge success among the students and encouraged their inherent creativity. • It validated indigenous craft forms and encouraged young women to pursue their talents and garner them towards self-employability. • It adhered to the institutions vision to deliver holistic education.

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

<http://www.bgc.ac.in/pdf/IOAC/Best-Practice-2019-20.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

Barasat Government College, established in 1950, has developed into one of the premiere institutes of the state. Its aim since the time of inception has been to impart holistic education to the children of this semi-urban area. Since it is very well connected by both rail and road it is accessed by students from the hinterlands and the college focuses on their uplift. The college has the advantages of a government institution in providing scholarships and free-ships that are funded by the government, over and beyond the regular scholarships, such as Kanyasree and private scholarships like Jindal. The college also attracts the achievers of the region as it has an unwavering history of providing excellent human resource by way of its excellent teaching faculties and also for providing infrastructural supports, by way of libraries and laboratories. The admission is conducted as per regulations, so the college caters to both general and socially and economically marginalised students, including the students from the minority communities. However, we have noticed a very encouraging trend in the rise in the number of the girl students. No. of Female students per 100 Male students Year No. 2011 88 2012 109 2013 103 2014 110 2015 113 2016 114 2017 116 2018 122 2019 110 Following this trend we have given greater attention to the needs of our girl students, besides offering them the scholarships and other government supports, we also have a gender cell that works in tandem with the strong ICC cell, and addresses issues pertaining to gender sensitisation. There are poster campaigns and workshops for the students to promote the same. The NSS also joined force and organised several women centric programmes, especially the one that addressed issues of women self-employment. Alongside, we have a psychological counselling cell with a qualified student counsellor, which works constantly through group programmes and one-to-one counselling to ensure good mental health of the young youth. The pandemic posed an initial challenge to the maintenance of this high goal that the college had set for itself over the years. However, we took the challenge by the horns and worked out a method to resolve the crisis. The following definite steps were immediately implemented: i) Classes were shifted to an online platform almost instantly. It was decided that since connectivity was a crying issue, especially in the rural belt, the home of sixty per cent of our students, we will choose all the platforms available to us - online classes on Google, whatsapp calls, posting video/audio modules of classes and uploading material on the website. This was done so that students could access the class at any point in time. ii) It was noted that several students were economically challenged to procure mobile phones for themselves. The economic disaster due to the lockdown and subsequent cyclone, amphan, had made matters worse. The college made a collective effort with support from its teaching staff and alumni to provide devices and data to several students who needed the support to continue

Provide the weblink of the institution

<http://www.bgc.ac.in>

8.Future Plans of Actions for Next Academic Year

The plans were made keeping the Covid situation well in mind: 1. It was ascertained that since the pandemic situation may continue, classes would have to be taken in online mode, hence a constant assessment of students' connectivity issues are to be continued, and those unable to arrange devices and data would be provided with economic support for the same. 2. Departments will be requested to organise lectures by eminent teachers and scholars on the virtual platform. 3. Departments are requested to encourage students to access e-library through inflibnet. Teachers will be urged to inform students about different e-resources. 4. The NSS unit will be asked to provide free coaching to needy students. 5. Departments would be requested to encourage students to express themselves through e-magazines, and organise virtual programmes, students seminars etc. 6. The college authority will be requested to waive fees of the PG students facing economic crisis in the wake of the pandemic, if possible. 7. An online examination centre for students appearing for competitive exams who need access to computer and connectivity may be set up in the new administrative building. 8. An online spoken English and computer programming course in collaboration with reputed academic institutes may be started by the help of DOECC. 9. The residual money in the RUSA building fund may be utilised to construct an open air Gallery within the college premises.