



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	BARASAT GOVERNMENT COLLEGE
Name of the head of the Institution	DR SUBHASIS DUTTA
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	debeshroy61@gmail.com
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. Jukta Adhikary			
Phone no/Alternate Phone no.		03325523365			
Mobile no.		9831375422			
Registered Email		iqac@bgc.org.in			
Alternate Email		adhikarijukta@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.bgc.org.in/pdf/IOAC/AOAR2016-17.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.bgc.org.in/news/admin/uploads/ee099_Academic-calender-2017-2018_final.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.60	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		
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	21-Jul-2017 2	9
IQAC MEETING	22-Nov-2017 1	8
Meeting with Heads of the department	24-Apr-2018 2	25
Seminar on Implementation of CBCS	20-Apr-2018 4	48
Workshop on implementation of CBCS	03-May-2018 6	72

8. Provide the list of Special Status conferred 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
Barasat Govt. College	0	DST-FIST	2017 0	0
Barasat Govt. College	0	RUSA	2017 0	0
No Files Uploaded !!!				

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 :

3

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)

The IQAC has held seminars and meetings to ensure a smooth transition to the CBCS academic system to be started in the following session. This includes changing the class durations to 1 hour, organizing additional classrooms for the choicebased new courses and holding programs to inform the teachers of the new evaluation system. The IQAC along with the admission committee of the college

has been successful in conducting a complete online admission procedure, including verification and counselling for this academic session. It continues its work of authentication of data by incumbent applying under CAS (career Advancement Scheme). As per the suggestion of IQAC, proposals for 4 new subjects (i) computer science (ii) education (iii) physiology (iv) microbiology has been prepared and submitted by the college authority. IQAC helped the various departments of the college to organize special talks to motivate students in the learning process and progression to higher education.

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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
To construct a separate library cum administrative building.	Construction of separate library cum administrative building is under progress.
To subscribe more E	The project is in continuation and has proved to be very beneficial to students and teachers.
To enrich the academic infrastructure of the college.	As per the suggestion of IQAC proposals for 4 new subjects (i) computer science (ii) education (iii) physiology (iv) microbiology has been prepared by the college authority. Academic inspection by the affiliating university has been conducted for sta
To improve teaching learning process through continuous evaluation and innovative methods	The IQAC has held seminars and meetings to ensure a smooth transition to the CBCS academic system to be started in the following session. This includes changing the class durations to 1 hour, organizing additional classrooms for the choice
To conduct more seminars, conferences and invited lectures in the different academic departments.	A number of seminars have been conducted by different departments of the college in collaboration with IQAC.
To encourage the Students	The students have participated regularly in different sports activities in Inter college and zonal competitions.
The activities of NSS unit will be extended. To involve more students in outreach programmes. The NSS units have organised various outreach programs throughout the year involving people from the neighbourhood of the college.	The NSS units have organised various outreach programs throughout the year involving people from the neighbourhood of the college.

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	2019
Date of Submission	16-May-2018
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 Webbased admission process has been launched by the college for the session 201819 which has ensured complete digitalization of the college admission procedure. Facilities such as online gatewaybased payment system for all the courses (card/ internet banking) have been made available. The system also provides a live webbased 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.

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
No Data Entered/Not Applicable !!!					

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 !!!		

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
BA	English, Bengali, History, Philosophy, Political Science, Sanskrit	09/07/2018
BSc	Physics, Chemistry, Zoology, Botany, Mathematics, Geography, Economics	09/07/2018

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

	Certificate	Diploma Course
Number of Students	0	0

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
No Data Entered/Not Applicable !!!		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Training Programme on studying the vermicomposting process at Vivekananda Institute of Biotechnology, Ramkrishna Mission	12

	Ashram, Nimpith, South 24 Parganas, West Bengal (Zoology)	
MSc	Visit to Central Institute of Freshwater Aquaculture (CIFA), Rahara, North 24 Parganas, West Bengal (Zoology)	30
MSc	Visit to Narandrapur Ramakrishna Mission Campus, Narendrapur, South 24 Parganas (Zoology)	30
BSc	Field study in Araku valley, Andhra Pradesh (Geography)	38
BSc	Botanical Study of East Sikkim (Botany)	21
BSc	Botanical Study of Darjeeling (Botany)	22
BSc	Botanical specimen study of Shillong, Guahati and adjoining areas (Botany)	29

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	
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
<p>1) Regular feedbacks are taken from students by the departments. The feedback is read by all the teachers of the department. Thereafter the feedback is 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 it 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 alumnimembers act as liaisonofficers exchanging information between the alumnus and the institution. 5) The departments also organise ParentTeacher 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 to the teachers. These feedbacks are always treated as highpriority.</p>

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	English, Bengali, History, Philosophy, Political Science, Sanskrit	750	5700	740
MA	Bengali	40	70	34
BSc	Physics, Chemistry, Zoology, Botany, Mathematics, Geography, Economics	500	3000	280
MSc	Physics, Zoology, Botany	100	250	60

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
2017	1020	94	48	0	35

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
83	35	12	9	2	14

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

Various systems 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 a number of systems to cater for the academic and overall development of the student. Each department holds regular tutorial classes (at least 4 per week), remedial class for socially and economically vulnerable students after college hours. Initially the remedial classes were funded by UGC, but the college continued with the practice even when the funds were discontinued. A psychological counselling cell is functional in the college which regularly provides mental support to the students. It organises regular awareness programs and workshops aimed at personality development and gender sensitization. Student seminars are also organized to hone their speaking and presentation skills.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1114	67	0.06

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
74	67	7	1	44

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
2017	Somaditya Dey	Assistant Professor	Young Scientist Travel Assistance Award from ICMR
2017	Dr. Rongili Biswas	Associate Professor	India Foundation for the Arts Research Grant
2017	Tamonash Chakraborty	Assistant Professor	Ph.D. from University of Calcutta
2017	Ambarish Sen	Assistant Professor	Ph.D. from University of Kalyani
2018	Sreemoyee Ghosh	Associate Professor	Ph.D. from Jadavpur University

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
BSc	BSC I	1	05/07/2018	05/09/2018
BA	BA I	1	05/07/2018	05/09/2018
BSc	BSC II	2	01/06/2018	01/08/2018
BA	BA II	2	01/06/2018	01/08/2018
BSc	BSC III	3	23/03/2018	25/05/2018
BA	BA III	3	23/03/2018	25/05/2018
MSc	MSC I III	1 3	19/01/2018	10/03/2018
MSc	MSC II IV	2 4	20/07/2018	08/09/2018

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

All departments conduct weekly test to assess the progress of students. The students are shown the answer scripts and discussion on the academic performance is initiated. Quizzes are held to enhance the understanding of concepts and theories of various subjects. Students are shown films 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 so that it may be accessed by all stakeholders. There are internal exam committees formed of teachers of various departments who are in charge of conducting the internal exams in accordance with the academic calendar.

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://www.bgc.org.in>

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
116,117,119,121,115,144,145	BSc	Physics, Chemistry, Zoology, Botany, Mathematics, Geography, Economics	230	195	85
102,101,108,106,109,103	BA	English, Bengali, History, Philosophy, Political Science, Sanskrit	627	515	82
19	MA	Bengali	27	27	100
17,07,13	MSc	Zoology, Botany, Physics	74	74	100

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.org.in/pdf/Feedback-Forms-for-Students-and-Parents.pdf> ,
<http://bgc.org.in/pdf/IQAC/feedback-analysis-2017-18.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	Total grant	Amount received
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		agency	sanctioned	during the year
Major Projects	3	DST, West Bengal	17.56	5.21
Minor Projects	2	UGC	0.95	0.8
Students Research Projects (Other than compulsory by the University)	5	CSIR	19.5	4.1
Major Projects	3	DBT, West Bengal	24.86	4.86

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
No Data Entered/Not Applicable !!!				

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 !!!					

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
0	0

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)
International	Zoology	2	2.44
International	Physics	13	3.14
International	Geography	2	0
International	History	1	0
International	Botany	1	0
National	Geography	1	0
National	Botany	1	0

National	History	4	0
National	Zoology	9	0

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
Zoology	20
Geography	2
History	3
Political Science	1
Botany	2
Physics	2

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
Sensitivity to house dust mites allergens with atopic asthma and its relationship with CD14C (159T) polymorphism in Patients of West Bengal, India	Amlan Ghosh, Shampa Dutta, Sanjoy Podder, Priti Mondal, Arghya Laha, Nimai Chandra Saha, Saibal Moitra and Goutam Kumar Saha	Journal of Medical Entomology	2017	2	Barasat Govt College, Presidency University, Burdwan University, Calcutta University	0
Role of offending outdoor allergen and CD14C (159T) polymorphism in development and severity of asthma in a kolkata patient population.	Shampa Dutta, Priti Mondal, Nimai Chandra Saha, Saibal Moitra, Sanjoy Poddar	African Health Sciences	2018	1	Barasat Government College, Calcutta University, Bardhaman University.	0

Sensitization to common aeroallergens in the atopic population of West Bengal, India	Debarati Dey, Priti Mondal, Arghya Laha, Tania Sarkar, Srijit Bhattacharyya, Goutam Kumar Saha, and Sanjoy Poddar	International Archives of Allergy and Immunology. Karger Publications	2018	3	Barasat Govt. College, Calcutta University.	0
Methimazole induced hypothyroidism alters histological structure of kidney in albino rat: A preliminary study	Srikanta Guria	J.Atoms and Molecules	2017	1	Barasat Govt.College	0
Alteration of testicular cytomorphology in albino rats in alloxan induced diabetes: A histological study	Srikanta Guria	J.Atoms and Molecules	2017	1	Barasat Govt. College	0
A Review on Complex Roles of Brain Macrophages/Microglia in Ischemic	s. Guria A Chatterjee	J. Atoms and Molecules	2017	1	Barasat Govt. College	0
Arsenic Induced Hepatotoxicity and Damage of Pancreatic Islets In Albino Rat: A Possible Role of	Srikanta Guria	International Journal of Current Advanced Research	2018	6	Barasat Govt. College	0

Diabetes Mellitus						
Histologic al Changes of Endocrine Section of Pancreas and Liver in Strepto zotocin Induced Ex perimental Diabetes Mellitus	S. Guria, A. Chatterjee M. Das	Internatio nal Journal of Current Advanced Research	2018	7	Barasat Govt. College, Calcutta University	0
Selective in vitro inhibition of Leishmania donovani by a semip urified fraction of wild mushroom Grifola frondosa	Sirin Salma Sultana, Joydip Ghosh, Sondipon C hakraborty , Debarati Mukherjee, Somaditya Dey, Suvadip Mallick, Aritri Dutta, Soumitra Paloi, Somanjana Khatua, Tanmoy Dutta, Soumen Bha ttacharya, Krishnendu Acharya, Narayan Ghorai, Chiranjib Pal	Experiment al Parasit ology	2018	3	Barasat Govt. College, West Bengal State Univ ersity, Calcutta University	0
Synthesis and biological evaluation of polyhyd roxylated oxindole d erivatives as potential antileishm anial agent	Md Yousuf Debarati Mukherjee Somaditya Dey Abhishek Pal Biswajyoti Sarkar Chiranjib Pal and Susanta Adhikari	Bioorganic and Medicinal Chemistry Letters	2018	3	Barasat Govt. College, West Bengal State Univ ersity, Calcutta University	0

Hazards related to leather goods manufacturing industry and workers' perception regarding risk A case study of Kolkata, Institute of Landscape Ecology and Ekistics, Kolkata. ISSN 09714170	Dr. Ruksanara Begum	Indian Journal of Landscape Systems and Ecological Studies Vol 40, No. 2,	2017	0	Barasat Govt. College	0
Education marriage and age of first conception of Muslim females of Kolkata,	Dr. Ruksanara Begum	Geographical Review of India, Vol 79, No. 4,	2017	0	Barasat Govt. College	0
Monitoring Frequencies and variability of severe Cyclones over India	Dr. Ruksanara Begum	Edited volume : Challenges in 21st Century in Geography - A perspective from India, pp 66 - 77, R.K Books, New Delhi	2018	0	Barasat Govt. College	0
A Critical Analysis of Agricultural Productivity zones of Jalpaiguri District, West Bengal, India:	Dr.Sourama Saha	Trend and Patterns, Research Expo International Multidisciplinary Research Journal Vol 8, Issue 1	2018	0	Barasat Govt. College	0
Rural Health Inf	Shrabana Mazumder	Challenges in 21st	2017	0	Barasat Govt.	0

rastrucur e Disparity in Availab ility A picture of different Blocks of Cooch Behar,		Century in Geography - A perspe ctive from India, pp 174 - 182, R.K Books, New Delhi			College	
Experiment al signature of collective enhancemen t in nuclear level density	Srijit Bha ttacharya	Physical Review C vol97, pp 041301(R),	2018	0	Barasat Govt. College	0
The effect of cell tower radiation on human eye: a comparison between adult and child	Srijit Bha ttacharya	Journal for advanced research in applied sciences, Vol.5(4)	2018	0	Barasat Govt. College	0
Investigat ion of the Growth Kinetics and Multipolar Plasmonic Properties of Silver Nanopartic le Cluster by Experiment and Numerical Simulation s.	Srijit Bha ttacharya	Plasmonics .Volu me13 ,Issue5	2018	0	Barasat Govt. College	0
Level density and thermo dynamics in the hot rotating Tc 96 nucleus.	Srijit Bha ttacharya	Physical review C Vol 96	2017	0	Barasat Govt. College	0
HIGH	Srijit Bha	Open	2017	0	Barasat	0

FREQUENCY CHAOS IN DIODE RESONATOR AND ITS CONTROLS	ttacharya	Access International Journal of Science and Engineering vol2 (11)			Govt. College	
Milne boost from galilean gauge theory	Pradip Mukherjee	Phys.Lett. B778,3 03308	2018	0	Barasat Govt. College	0
Cosmological implications of shift symmetric Galileon	Pradip Mukherjee	Phys.Rev.D 96no. 6,064023	2017	0	Barasat Govt. College	0
Taming galileons in curved spacetime	Pradip Mukherjee	Class.Quant.Grav. 34 no.23, 235005	2017	0	Barasat Govt. College	0
A field theoretic approach to the energy-momentum- tensor for theories coupled with gravity	Pradip Mukherjee	Mod.Phys.Lett. A33 no.02, 1850010.	2018	0	Barasat Govt. College	0
On the question of symmetries in nonrelativistic diffeomorphism invariant theories	Pradip Mukherjee	Int.J.Mod.Phys. A32 no.19n20, 1750115.	2017	0	Barasat Govt. College	0
Nonminimally coupled quintessence dark energy model with a cubic galileon term: a dynamical system analysis	Pradip Mukherjee	Eur.Phys.J. C78 no.3, 201	2018	0	Barasat Govt. College	0
Possible E	Sudip	Phys. Rev.	2018	0	Barasat	0

rgodicnone rgodic regions in the quantum Sh errington Kirkpatric k spin glass model and quantum annealing	Mukherjee	E 97, 022146			Govt. College	
Many body localizati ondelocali zation transition in quantum Sherringto n Kirkpatr ick model	Sudip Mukherjee	Phys. Rev. B 97, 144202	2018	0	Barasat Govt. College	0
Introducti on in the book Charit Katha (Book)	Prabal Bagchi	Charit Katha Publisher : Gangchil	2018	0	Barasat Government College	0
Harinavi School: Itihase O Smritikath ay Dersho Bachor (Book)	Edited by Rajkumar C hakrabarti	Harinavi School: Itihase O Smritikath ay Dersho Bachor (Book)	2018	0	Barasat Government College	0
Samajbikas her Parjay samuho: Marxer Bhavna	Rajkumar C hakrabarti	Anustup	2018	0	Barasat government College	0
GodFather' Romesh Chandra Dutta O 'God Daughter' Bhogini Nivedita : Ek Oitihasi Anusandhan	Balaram Das	Bharat Bhaginee Nivedita Edited by: Dr. Subir Kumar Dutta Swami Atma bodhananda	2018	0	Barasat Government College	0
In Pursuit of Inclusive Developmen t: Essays for Manabi	Sreemoyee Ghosh.	Editors Dayabati Roy and Sreemoyee Ghosh Publisher	2017	0	Barasat Government College	0

Majumdar. (ISBN No. 9789383012022)		Purbalok, Kolkata.				
Isolation, Characterization and Identification of Two Methomyl Degrading Bacteria from a Pesticide Treated Crop Field in West Bengal, India	Roy, T and Das, N Roy, N T and Das, N	Microbiology (Moscow)	2017	1	Barasat Government College	0
Potentiality of Oyster mushroom (Pleurotus spp) in medicineA review.	Paul, C., Roy, T and Das, N.	Annals of Food Processing Preservation	2017	0	Barasat Government College	0
Isolation of some soil bacteria showing potentiality for disease control, growth enhancement and pesticide degradation in Vigna unguiculata L.	Bandopadhyay, A., Roy, T., and Das, N	Plant Archives. Vol. 18, Special Issue	2018	5	Barasat Government College	0
Plant Growth Promoting Microbial Consortial Formulations Mediated Biological Control of Stem and	Bandopadhyay, Anuradha and Das, Nirmalendu	International Journal of Current Science	2017	6	Barasat Government College	0

Root Rot Disease of Jute Caused by Macrophomina phaseolina ((Tassi.) Goid						
Integration of biocontrol agents with fungicide, weedicide and plant growth regulator or management of stem and root rot of jute.)	Bhattacharyya, S.K., Sen, K. De, R.K., Bandopadhyay, A., Sengupta, C. and Adhikary, N.K.	Journal of Applied and Natural Science	2017	5	Barasat Government College	0
Isolation, partial purification and biochemical characterization of chloroplastic inositol phosphate synthase from a macro alga Enteromorpha intestinalis under high salinity.	Basu, S., Basak, A., Bose, R., Chakrabarty, R. and Adhikari, J	Environmental and Experimental Biology	2018	0	Barasat Government College	0
Isolation and Computational Characterization of Glutathione Peroxidase Gene From Azolla pinnata	Rahaman S, Bera A.R., Vishal V., Singh P.K., Basu P., Gupta S., Basu M. and Ganguli S.	RJLBPCS	2017	0	Barasat Government College	0
In Vitro and Comput	Joardar S, Ghosh S,	Int. J. Curr. Res.	2017	1	Barasat Government	0

ational Assessment of Genotoxic Potential of Active Constituents Present in Three Medicinally Important Plant Extracts.	Gupta S and Ganguli S	Biosci. Plant Biol			College	
Agrobacterium rhizogenes mediated transformation in medicinal plants: genetic stability in longterm culture.	Roychowdhury, D., Halder, M. and Jha, S.,	Transgenesis and Secondary Metabolism , pp.323345.	2017	0	Barasat Government College	0
A Comparative Evaluation of Emerging Databases and Tools for Cancer Noncoding RNAs	Mitra S, Halder A, Gupta S, Ganguli S and Chakrabarti J	Cancer and Noncoding RNAs DOI: 10.1016/B9780 128110 225.000279 Elsevier	2018	0	Barasat Government College	0
On Shift Representation of Ternary Semiring	Shobhan Mondal	South East Asian Bulletin of Mathematics Page - 211, Vol - 42, Issue2	2018	0	Barasat Government College	0
Existence of Neutrino Mass: A New Mathematical Formulation	Indranath Bhattacharyya	International Journal of Scientific Research in Science and Technology (IJSRST) Page - 30, Vol - 4, Issue2 Issue2	2018	0	Barasat Government College	0

A Brief Review of the Dynamical Universe in the Early and Late Stages	Indranath Bhattacharyya	International Journal of Scientific Research in Science and Technology (IJSRST) Page - 90, Vol - 4, Issue5	2018	0	Barasat Government College	0
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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 citation	Institutional affiliation as mentioned in the publication
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No Data Entered/Not Applicable !!!

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	18	25	7	4

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
Free eye Screening Camp	ASG Eye Hospital	8	211
Anti Drug Awareness Campaign	Department of Excise, Govt of West Bengal	7	70
Sale of TB seals	Bengal Tuberculosis Association	8	120
Preventive measure for fighting Dengue chikungunya	NSS, Barasat Govt. College	8	65

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
nil	nil	nil	0

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
Anti Drug Awareness Campaign	Department of Excise	workshop	8	70
Awareness of prevention of communicable diseases like TB	Bengal Tuberculosis Association	Sale of TB seal	7	120

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
Reseach	Dr. Sanjoy Podder	Allergy and asthma research Center, CU, BU, Presidency University	00
Research	Dr. Pradip Mukherjee	S. N Bose National Center of Basic science	00
Research	Dr. srijit Bhattacharya	VEC, GI	00
Research	Dr. Sudip Bhattacharya	SINP	00
Research	Dr. Jukta Adhikary	Calcutta school of Tropical Medicine	00

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
No Data Entered/Not Applicable !!!					

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
No Data Entered/Not Applicable !!!			

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
10938473	10938473

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing

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	73171	10167615	960	600000	74131	10767615
Reference Books	19494	3265458	0	0	19494	3265458
e-Books	187000	5750	0	0	187000	5750
Journals	52	40798	0	0	52	40798
e-Journals	113003	5750	0	0	113003	5750
Digital Database	0	0	0	0	0	0
CD & Video	150	0	0	0	150	0
Library Automation	26330	0	960	0	27290	0

Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	17	1722	0	0	17	1722

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
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	194	6	100	23	1	13	119	100	
Added	12		4	4		1	11		
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
0	0

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
281020	281020	274400	274400

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 PWD (Civil and Electrical) of the government. However other than building, the maintenance and utilization of academic and physical facilities, the Higher Education Department, Govt. Of West Bengal disbursed funds during 201718 and the college authorities spends the fund on priority basis. For the academic facilities it spends money on maintenance of copier machines, computers and microscopes of different departments. Wifi 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 water purifier machines, sound less generator and gardens for beautification and environmental purpose.

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 free ,Half free , Poor fund	405	0
Financial Support from Other Sources			
a) National	Swami Vivekananda merit cum means(general and minority),NSP (minority),Kanyasree(K2, K3),,Single girl child, St/St/OBC scholarship	1016	211618750
b)International	nil	0	0

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
Remedial Coaching	03/07/2017	535	College
Language lab	05/06/2018	465	College
Psychological Counselling cell	03/07/2017	122	College

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
2017	Awareness program regarding skill education for future career by Orion	0	170	0	0

	Edutech Pvt. Ltd.				
2017	Career oriented awareness program by Aptech Computer Education	0	155	0	0
2017	Career oriented awareness program for MBA courses by Eastern Institute for Integrated learning in Management	0	132	0	0

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	40

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
00			00		

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
2017	60	M.Sc, MA, BA, BSc,	Zoology, Botany, Physics, Math, Geography, Chemistry, Economics, Bengali, English, Sanskrit, History, Political	IICB, Kolkata, IIT Kharagpur, Calcutta University, WBSU, BU, JU, RBU, NIT Silchar,	In Project as JRF, MSc, MA, Ph.D

Science,
Philosophy,,

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	4

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton	zonal	9
Athletics	University	8
Football	zonal	18
Kabaddi	University	24
Khokho	University	12
Vollyball	University	21
Cricket	zonal	18
Taekwondo	University	2

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
2017	East zonal badminton champion	National	1	0	0	Shouvik Baidya
2017	East zonal badminton champion	National	1	0	0	Ipshita Biswas

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 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 Higher Education Department, Government of West Bengal could not form the student council in the Academic Year 201718. 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 a three days Sports cum Football tournament. In this annual event the first day was scheduled for oneday football tournament for the students. In the second day the sports were conducted. The students of the college participated in the

various events. In the last day the rest of the events and prize distribution ceremony took place. The faculty members and staff of the college were also participated in a couple of events in the last day. 2. Annual Fest: This is a prestigious cultural event of the College. In this year four reputed cultural band of Kolkata were invited and their wonderful musical performances enjoyed by most of the students, faculty members and staff of the college. 3. Freshers' Welcome Ceremony: This is event organized to welcome the new commers of that particular year. The principal inaugurated the programme and some of the faculty members and staff share their valuable experiences with the students. After that all the firstyear students were welcome with flowers and sweets. At the end some cultural programme performed by the senior students were organized. 4. Saraswati Puja: The student body organized the Saraswati Puja (21 - 22 January 2018) in the College Campus. All the students, faculty members and staff participated in this occasion to make it successful. The students represent in the following Academic / Administrative body of the College. 1. Governing Body 2. IQAC 3. AntiRagging and Disciplinary Committee 4. 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. The main aim and objetives of the association are as follows: a) to promote a feeling of fellowship and fraternity amongst the exstudents of the Barasat Government College and between them and the present students of the College b) to organize social functions, conferences, debates, seminars, symposia etc. from time to time and to hold the annual reunion of the members of the Association. c) to provide relief as is possible within the limits of its own resources to exstudents who are in need of help on account of age, sickness, indigence or other causes and to render to deserving present students such assistance as they may be in need of d) to initiate or assist in the initiation or performance of all activities which would be directly or indirectly beneficial to the College and/or to the students, exstudents and in upholding the tradition of excellence of the College. e) to maintain or assist the College in maintaining a Register of exstudents of the College. (f)To Publish reviews, journal, newsletters, monographs, abstracts of the scientific meetings of the society without any profit making motive. (g)To Support and reward young researchers and other scientists attending and presenting paper in any of its annual meetings subject to the availability of fund. (h)To participate in social activities, particularly of humanitarian and philanthropic nature and play the role of good citizen to extend helping hands to provide succour to the people in distress at the time of calamity and crisis.

5.4.2 – No. of enrolled Alumni:

100

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

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 PG departments of this institute practise academic autonomy. They follow the curriculum designed by the university, but in the matters of conducting examinations as well as recruiting guest lecturers and invited speakers they have full autonomy. The college governing body comprises teachers, students, nonteaching staff, local representatives and renowned academic practitioners. The IQAC is comprised of teachers, alumni, non teaching staff, student representatives and local eminences. These two bodies along with the teachers' council aid in the overall management and decision making 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)?

No

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
Admission of Students	A Webbased admission process has been launched by the college for the session 201819 which has ensured complete digitalization of the college admission procedure. Facilities such as online gatewaybased payment system for all the courses (card/ internet banking) have been made available. The system also provides a live webbased 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.
Curriculum Development	The College is affiliated to West Bengal State University currently, for the undergraduate courses. The department has little role to play in designing the UG course curriculum, structure or examination pattern. However several faculty members of our college belong to the UG and PG board of studies and hence play an active role in syllabus designing. In the Postgraduate 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

? ICT enabled teaching learning process is encouraged. ? Filmshows, Quiz etc. related to curricula are organised by all the departments. ? Interactive teaching learning process is adopted. ? Educational excursions are conducted by some departments. ? 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.

Examination and Evaluation

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

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.

	<p>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.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<ul style="list-style-type: none"> • Computerization of the library documents is being done by using KOHA software including barcoding of the books and OPAC facility. • Various departments of the college like physics, geography, chemistry etc. use several softwares 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, wifi facility, computer centres, language lab, wellstocked library and uninterrupted power supply for the students. Teachers are provided with laptops and projectors for for ICT enabled teaching.
<p>Human Resource Management</p>	<ul style="list-style-type: none"> • Effective utilisation of existing manpower through T Q M. • Attendance records of the teaching and nonteaching staff. • Regular notification of different activities. • Regular meetings of various committees for academic and administrative purposes • Regular ParentTeacher meetings in various academic departments. • Feedback from students, parents and alumni • Maintenance of college website through which different notifications are circulated. • The various departments and sections of the college are connected via internet enabling faster pace of data sharing and interface.
<p>Industry Interaction / Collaboration</p>	<p>nil</p>

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

E-governace area	Details
<p>Planning and Development</p>	<p>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.</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
2017	Sri. Somaditya Dey	ASM/ESCMID conference on drug development to meet the challenge of Antimicrobial Resistance, 2017, organised by the ASM ESCMID, at Boston	young scientist travel support award from ICMR(1) and Partial foreign assistance travel grant from CSIR(2) India, sponsored by Govt. of India	150000
2018	Sri. Somaditya Dey	Conference on Biology of Host Parasite Interactions at New Port, RI, USA	Travel Grant recommended by UGC, New Delhi for full support	200000

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)
No Data Entered/Not Applicable !!!						

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
Short term course(thinking through gender)	1	01/02/2018	07/07/2018	5
Attended Refresher Course in Biotechnology organized by HRDCCU/ASC Dept. of Zoology,	1	06/11/2017	26/11/2017	1

University of Calcutta. (6/11/17 26/11/17)				
Orientation Programme, HRDCCalcutta University	1	30/12/2017	27/01/2018	1
National Level Teachers' Enrichment Programme, Calcutta Mathematical Society	2	23/05/2018	06/06/2018	1
Refresher Course in Mathematics, HRDCPatna University	1	27/07/2017	16/08/2018	13

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	Poor students funds, students health home, various scholarship

6.4 – Financial Management and Resource Mobilization

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

<ul style="list-style-type: none"> 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.
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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
No Data Entered/Not Applicable !!!		

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
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	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	IQAC
Administrative	No	NA	Yes	IQAC

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.

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

- WBIFMS training regarding use of IFMS software
- Computer operation training by NIELIT

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

1. New library cum academic building construction has been initiated
2. New chemistry laboratories has been completed
3. Language lab has started functioning

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
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
2017	Seminar of Buddhist Philosophy (dept. of philosophy in collaboratio of IQACn	28/08/2017	28/08/2017	29/08/2017	85
2017	Seminar on Floristic diversity of the Jarwa reserve of Andaman islands and impact of human interference therin (Dept. Of Botany in co llaboration with IQAC)	01/09/2017	01/09/2017	02/09/2017	45
2018	Workshop on Changing con sciousness	28/03/2018	28/03/2018	29/03/2018	89

	of gender (ICC in collaboration with IQAC)				
2018	Seminar on Implementation of CBCS	20/04/2018	20/04/2018	21/04/2018	48
2018	Workshop on implementation of CBCS	03/04/2018	03/04/2018	04/04/2018	72

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
BA	28/03/2018	28/03/2018	53	36
BA	03/04/2018	04/12/2018	10	4

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	18
Ramp/Rails	Yes	18
Braille Software/facilities	Yes	2
Rest Rooms	Yes	18
Scribes for examination	Yes	2

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
2018	1	1	26/07/2018	3213	Preventive Measures for fighting Dengue and Chikungunya	Campus cleaning by spreading bleaching powder	73

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 for the students	17/07/2017	<ul style="list-style-type: none"> 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
Workshop on changing consciousness of gender	28/03/2018	28/03/2018	89

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

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 July 26th, 28th, 2017.
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
Efforts for Carbon neutrality: 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.
Energy conservation. Effort has also been taken to supplant the energy consumable lamps with modern energy saving CFL lamps and tubes
Tree plantation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Complete web based online admission process for B.A./B.Sc. and M.A./M.Sc. courses 2. Book bank operating for financially under privileged students
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.org.in

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 is a distinguished premiere institution not only of the district but also of this state. This college was set up, in the year 1950, aiming to impart quality education to the pupils for their allround development. As one of the leading colleges of the district, we do our best to ensure quality education. Owing to its geographical location in the communication network, ambiance, glorious records, remarkable results and achievements, the college attracts the best brains of the locality students from a wide area and from a varied socioeconomic background. A good number of

students of this college come from the rural or semiurban areas. The high rate of enrolment of students of under privileged sections of society, mostly from the SC, ST, OBC and Minority community is also a significant factor. The ratio of the girl students of the college is also noticeably high. No. of Female students per 100 Male students Year No. 2011 88 2012 109 2013 103 2014 110 2015 113 2016 114 2017 116 This social reality gives us more challenging task, and the greatest one may be, of providing the access to higher education to these underprivileged and deserving students. Following the ideals of inclusive education, we are committed to look after the needs of the larger society, including students from this disadvantaged class, who are meritorious but lack the means. So our mission is to prove that even a first generation learner can reach the heights if given proper opportunities, right facilities and guidance.

With reference to the above table it is apparent that the ratio of female students in this college is very high and is steadily increasing over the years. Majority of them belong to financially as well as socially backward classes. A large section of them belong to Muslim minority group. Encouraging these students to pursue higher education and motivating them to continue with their studies braving social odds proves a challenge to the institution. A number of steps have been devised focussing on the female students of this college: (i) A variety of financial scholarships like Kanyashree (a state government scholarship), single girl child scholarship (central govt.), poor fund, half free and full free scholarships are provided to the students through the scholarship committee of the college. The college has temporarily recruited 2 staff members to provide assistance to the girl students regarding this matter. (ii) A strong ICC and gender cell, which addresses the various gender related issues, functions in the college. The committees regularly arrange gender sensitization programs to raise awareness on various social issues relating to women. (iii) A fully functional psychological counselling cell operates in the institute providing support and guidance to the female students.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

- The college plans to implement CBCS system as per university regulation and UGC recommendation from the next academic session in the undergraduate courses. IQAC recommends the formation of a CBCS implementation committee formed of faculty members and non teaching staff of the institute who will work in collaboration with the routine committee for smooth implementation of the new system.
- A plan for the introduction of online student management system is underway. This webpage will provide a single portal for the students where their personal information, academic results (both university and internal assessment), attendance details, scholarship data etc. IQAC has suggested that a financial module be provided in the portal so that students can check their dues and make online payment of fees. It also should have an archival facility for storage of students registration certificates, admit cards, marksheets etc.
- The existing solar panel has a very limited capability. Extension of this solar panel facility is being hindered due to fund crunch of the institution. Therefore it is suggested that pollution control board of west Bengal may be approached for installation of solar panel to provide alternative source of energy free of cost.
- IQAC has suggested improvement of the vermicompost plant for treatment of biological waste. Nonhazardous wastes, like dead plants, left over food from the canteen etc. are to be collected in a chamber for predecomposition by the help of microbes and worms. The vermicompost so produced may be used as manure or fertilizer for the college gardens.
- NSS is to be asked to extend their activities and improve student participation
- IQAC has suggested to the principal that the Higher Education Minister may be approached to arrange the adjoining

field as a football ground for the college students. • Renovation of the main and annexe building and Relaying of the damaged floors of the class rooms and chemistry laboratories has been suggested.