

Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution

BRAHMANANDA KESHAB CHANDRA COLLEGE

Name of the head of the Institution	Dr. Papia Chakraborti
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03325775878
Mobile no.	9830467690
Registered Email	bkccollegebonhooghly@gmail.com
Alternate Email	principal@bkccollege.org.in
Address	111/2, Barrackpore Trunk Road, Bon-Hooghly
City/Town	Kolkata
State/UT	West Bengal
Pincode	700108

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. Manas Kumar Roy
Phone no/Alternate Phone no.	03325775878
Mobile no.	9433237579
Registered Email	iqacbkccollege@gmail.com
Alternate Email	manask.roy@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.bkccollege.org/aqar/AQAR2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.bkccollege.org/pdf/BKC-College%20Academic%20Calendar%202019-20-26.7%20(1).pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.28	2016	02-Dec-2016	01-Dec-2021

6. Date of Establishment of IQAC

07-May-2013

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
Arranged discussion on the new CBCS system introduced from the session 2018-19 IQAC coordinator addressed B.Sc 1stsem students and IQAC member Dr Jayanta Kumar Dwibedi addressed BA 1stsem students at the assembly and informed them about the new CBCS	26-Jul-2019 2	300
IQAC members met all the teachers where Coordinator discussed the new NAAC format	01-Oct-2019 2	52
Met all the HODs and discussed the steps which can be taken by the departments to score better in NAAC	06-Sep-2019 2	22
AQAR 2018-19 in new format was uploaded in the NAAC site	25-Jan-2019 6	7
Arranged a talk by Dr. T. K. Ghara, Jt. DPI, Govt. of West Bengal to the	14-Jun-2019 3	33

college teachers entitled		
One-day NAAC sponsored National Seminar on Quality Assurance in the Age of Information Explosion	05-Jul-2019 8	101
One Week workshop on Data Analytics was organised by the IQAC and SQC & OR division, ISI, Kolkata.	09-Jul-2019 8	49
One Week workshop on Data Analytics was organised by the IQAC and SQC & OR division, ISI, Kolkata.	10-Jul-2019 8	49
One Week workshop on Data Analytics was organised by the IQAC and SQC & OR division, ISI, Kolkata.	11-Jul-2019 8	49
One Week workshop on Data Analytics was organised by the IQAC and SQC & OR division, ISI, Kolkata.	12-Jul-2019 8	49
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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
Department of Physics	Physics Post Graduation Laboratory	MPLAD- Govt. of India	2018 600	1098009
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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 :	7
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	Yes

during the year?	
If yes, mention the amount	75000
Year	2019

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

? Uploaded the AQAR for the sessions 201819 in the new format at the earliest at the NAAC site. ? Took several initiatives to inform the stakeholders about the new NAAC format. ? Organised a National Level seminar with financial assistance from NAAC. Also organised a oneweek workshop in collaboration with SQC OR division of ISI, Kolkata. ? Organised "CareerFair 2019" with Career Counselling and Placement Cell. ? Conducted several awareness and outreach programmes.

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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
Initiatives to fill up vacant teaching and non-teaching posts and to create new posts as necessary.	Nine vacant teaching posts filled up.
To increase academic industry interaction	The third-year students were taken to a visit at MSME Tool room, Bon Hooghly.
To organize a Career Fair with Career Counselling and Placement Cell.	Organized successfully "Career-Fair 2020" with Career Counselling and Placement Cell on 27.01.20.
To completion digitization of library.	Digitization process of the library gained momentum.
To introduce a bi annual newsletter	A biannual newsletter was introduced whose first issue was inaugurated in the Reunion-2020 held on 23.01.20.
To get affiliation for Post graduate course in physics.	In order to get affiliation of the postgraduate course in physics development of relevant infrastructure was a prior necessity. The college was fortunate to get financial assistance from Hon'ble MP Mr. Sougata Roy to develop the laboratories and procure equipment and computers.
Construction of new classrooms and laboratories.	Two laboratories constructed.
Timely Submission of AQAR	AQAR in the new format uploaded in the NAAC site at the earliest.
To organize a national level seminar sponsored by NAAC	Organized successfully the NAAC sponsored national seminar "Quality Assurance in the Age of Information

Explosion" on 05.07.20.

To take initiative to inform the various stakeholders about the new NAAC format.

a) Organized a talk by an external expert on the subject b) The IQC team met the HODs and all the teaching staff separately to inform the new format.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

Governing Body

02-Jul-2021

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

13-Sep-2019

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)

The student database is maintained by SMART College software and College Automation System Software (CAS 7.1). The CAS includes Faculty Login Module and Student Login Module with Principal as the administrator. Every teacher has access to the Faculty Module with HOD controlling the account of the department. Teachers can upload internal marks, attendance and class notes as when required. Students can access Students' Module individually and can check their status of registration and form fillup for university examination. They can also get the receipt against payment of college fees. Communication with the university regarding uploading of registration forms, attendance and internal evaluation marks are uploaded electronically directly in the university portal by the college office. The process of digitization of library books using KOHA software is ongoing. The college uses a general

management information system where all the relevant data concerning staff and students of the college has been stored along with Biometric system of attendance of both the teaching and nonteaching staff. Payment of salary to the staff members are done through the Human Resource Management System (HRMS) of the Government of West Bengal. General notices of the Departments, College and University are put up in the College website. Recently the college authority has created closed groups in the social media for circulation of administrative notices to the teaching and nonteaching staff members of the college. The Departments take the help of social media to inform the students about various activities. This also helps in keeping contact with the alumni.

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

Syllabi for the undergraduate courses taught at the college are framed by West Bengal State University to which the College is affiliated. A number of faculty members of the college are members of Board of Studies (BOS) of the West Bengal State University and in other colleges that offer Post Graduate courses. Their feedback is important in developing the course content and innovation in syllabus implementation. Teachers of the college have served as resource persons in workshops on the revised syllabus of the university. Teachers attend workshops on different subjects which are being held to familiarise the new CBCS syllabi. The teachers are often asked to contribute to the model question papers prepared by the University for each subject. At the beginning of the academic year, the college formulates an exhaustive academic calendar to ensure timely and effective completion of the syllabus. The Academic Calendar is prepared according to the notices and circulars received from the affiliating university. Students are informed about the Academic Calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension and co- curricular activities. The Calendar is also available in the college website. The routine committee of the college prepares the master routine and circulates it to different departments. Routine is prepared strictly in accordance to the number of credit points mentioned in the prescribed syllabus of each course offered by the departments. Based on the departmental routine, each department allocates the prescribed syllabus among the respective faculty members and holds regular meetings to monitor the progress of syllabus and chalk out plans to mitigate shortcomings, if any. Students are given details of teaching assignment of each teacher at the beginning of a session by the department. Based on the teaching assignments allotted in the syllabus distribution, teachers prepare their "teaching plans" according to the number of lectures allotted in the university syllabus for each topic. To address the needs of slow learners, the respective departments

of the college arrange special classes and tutorials for them. To encourage participatory learning Student Seminars are being held on a regular basis. Some of the departments encourage their students to prepare wall magazines on different topics. Few departments educational tours and excursions form an integral part of the effective curriculum delivery mechanism. IQAC monitors the whole process to ensure effective implementation of the Academic Calendar in general and the Master Routine in particular. For Post Graduate courses in Botany and Mathematics the respective departments follow the syllabus of the affiliating university. Guest Faculty with specialisation from other reputed institutions are invited to deliver lectures on different topics for successful and timely completion of the syllabus. We have an enriched library and also departments have a seminar library for the use of the students.

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	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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
MSc	Botany	01/07/2019
MSc	Mathematics	01/07/2019

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
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Educational based field study was conducted at Dooars region of West Bengal: "An educational trip to the Dooars, the alluvial floodplains of north-eastern India" (UG	32

	Zoology Hons: Semester I students) Date of visit: 7.11.2019 -12.11.2019 (Zoology	
BSc	Local educational tour at Ranaghat Sericulture Complex, Nadia, West Bengal, Government of West Bengal: " A Visit to Ranaghat Sericulture Complex, Nadia, West Bengal, Government of West Bengal", (UG Part III ZOOG Students), Date of visit: 21.01.2020	8
BSc	Local Field Tour at Ecopark, Rajarhat, West Bengal: 3. "A Visit to 8th Kolkata International Poultry Fair" (UG Zoology Hons: Sem IV students) date of visit: 12.02.2020 (Zoology Department)	36
BSc	Student Project on life cycle of different species of Mosquito (Zoology Department)	10
BSc	Student Project on life cycle of different species of Silkworm (Zoology Department)	4
BSc	A field foray on 12th September, 2019 with post graduate students (PG Sem I) on macro fungal diversity in the campus (Botany Department)	6
BSc	Conducted the PBR study of Bonhooghly Lake on 27th September, 2019 with UG SEM III (Honours) students (Botany Department).	8
BSc	Conducted an awareness session on floral diversity and its conservation at college campus on 23rd November, 2019 with the Botany (Hons.) undergraduate students (Botany Department).	8
BSc	Conducted a field excursion to Lava from 18th to 22nd November,	25

	2019 with UG and PG students of Botany Department (Botany Department).	
BSc	Conducted a field visit to Bidhan Chandra Krishi Viswavidyalaya (BCKV), Kalyani with PG-Sem-II-Botany students on 8th February, 2020. The purpose was to acquaint the students and give an overview of the various crop diseases & pests under field condi	6
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
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>The college has a system of obtaining feedback from all stakeholders like students, guardians and alumni. The IQAC monitors the process of feedback collection and its analysis. The reports of the feedback are then discussed in details in the IQAC meetings and subsequently measures are recommended to address critical issues. Apart from regular feedbacks the IQAC also collects feedback from participants in various programmes organized by it. Each year all the 3rd year students fill up a questionnaire to evaluate individual teacher. The feedback form has two parts. The first part has questions related to Explicit Curriculum and the second part has questions related to Implicit Curriculum. Evaluation is done in a one-to-four scale, one meaning the worst performance and four meaning the best performance. The average score is then calculated for each teacher and the comments made by the students are also analysed for further action. Feedback from Post Graduate students of Mathematics and Botany were also collected and analysed in the same manner. The detailed report is attached herewith. The second-year students give feedback regarding infrastructural facilities, library and other amenities provided by the college. A structured questionnaire containing questions regarding students' view on above facilities is used to get their impression and suggestions on relevant matters. In the academic year 2019-20, sixty-one students participated in the feedback process. Collected data has been analysed and the report was discussed in the IQAC meeting for further action. The report is attached herewith.</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
MSc	Mathematics	10	9	5
MSc	Botany	10	10	5
BSc	Botany Honours	54	72	21
BSc	Mathematics Honours	80	84	26
BSc	Zoology Honours	80	144	43
BSc	Industrial Fish and fisheries Honours	33	104	24
BA	English Honours	80	139	43
BA	Bengali Honours	80	48	21
BSc	General	150	155	35
BA	General	150	328	90

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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 (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	731	26	44	Nil	20

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
63	63	12	11	2	12

[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)

Like previous years, an assembly session for all the students of first semester has been organized by the college before starting this academic session to make the new comers acquainted with the CBCS course structure, syllabus and evaluation process in detail. Right from the beginning the college has been meticulous in grooming of students enrolled here who mainly belong to the economically weaker sections of the society as well as are

first generation learners, through academic and value education programs to motivate them to remain focused in their vision of achieving their goals. Teachers of the college take special initiative to address any issue, academic or personal, faced by the students. Formal mentoring system has been introduced from the academic session 2019-2020, for establishing a better and effective relationship between student and teacher and also continuously monitor, council and guide students in educational and personal matter. Departments have assigned teacher(s) to act as mentors of each class. All necessary information related to the student such as the contact number, email of the student, category, gender etc. are initially collected by the departments. Departments also maintain the records of class tests/surprise tests/internal assessment, attendance records, records of student seminars etc. related to the reviewing of the performance of the students. This system has been useful in identifying slow and advanced learners and arranging 'Special Classes', 'Tutorials', 'Remedial Classes' in identified topics for them. All the departments maintain interaction through social networking sites as well as through individual meetings with the students. To solve the problems faced by students and issues related to them parents are called for counselling by each department.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
757	63	1:12

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
66	64	2	9	45

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
2020	Dr. Neelakshi Sarkar	Assistant Professor	Awarded with the first prize for poster presentation in National seminar on "Diversity in the Era of globalization: Challenges and Management" organized by Bidhannager Govt. College, Kolkata
2020	Dr. Kamakshya Prasad Modak	Assistant Professor	Visiting Associateship at Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune from August 2018 - July 2021.

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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
BSc	General and Honours	Semester I	07/01/2020	17/02/2020
MSc	Botany	Semester II and IV	20/06/2019	29/07/2019
BSc	General and Honours	Semester II	19/07/2019	07/09/2019
BA	General and Honours	Semester II	09/07/2019	07/09/2019
MSc	Mathematics	Semester II and IV	20/06/2019	09/08/2019
BA	General and Honours	Semester I	07/01/2020	17/02/2020
BA	General and Honours	Semester III	26/12/2019	06/02/2020
MSc	Botany	Semester I and III	13/01/2020	16/03/2020
MSc	Mathematics	Semester I and III	13/01/2020	28/02/2020

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

The college follows evaluation structure directed West Bengal State University, so it's beyond scope to modify the curriculum and the evaluation system as a whole. Based on academic calendar and notifications received from the university, internal assessments for each Semester are performed via different mode (as per suggestion by the Board of Studies) e.g., written test, project-based evaluation, home assignment, viva-voce, seminar presentation etc. At the end of each term, final assessment is done through end-term University examinations. Keeping in view the methods or modes for continuous assessment of the students, the college initiated the following measures: (i) Departments conduct unit tests after completing a portion of the syllabus. This has been proven to be useful in assessing weaknesses of the students and in identifying slow and advanced learners. (ii) For students of the science departments regularity and performance in the practical sessions are considered for continuous assessment. (ii) To encourage participatory learning student seminars are held on a regular basis by various departments. (iii) Wall magazines on different themes and topics are published by some departments ('Spandan' by Department of Bengali, 'E-Wall' by Department of English, 'W-alchemy' by Department of Chemistry, Wall magazine 'Fusion' by Department of Physics, Wall magazine 'Zoo-Quest' by Department of Zoology) (iv) As an integral part of the effective curriculum delivery mechanism Department of Zoology, Botany and Industrial Fish and Fisheries organize Educational tours and excursions. (v) Department of History has initiated project-based evaluation process for their end-term Skill Enhancement Course. (vi) PG departments of the college have introduced seminar presentation by students as an evaluation strategy along with standard written test-based evaluation. Innovative evaluation techniques like organizing debates, extempore, group discussion, quizzes are in the planning for future reforms.

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

At the beginning of each academic session, the students are apprised of academic calendar and same is uploaded on college website notifying the probable teaching days, dates of internal and University examinations, curricular, extension and co-curricular activities. The academic calendar is prepared according to the notices and circulars and the academic calendar received from the affiliating university. The college tries to follow the academic calendar strictly except for unavoidable circumstances. The mid-term /internal examinations which are conducted by the college are mentioned in the academic calendar. The activities conducted by the Students' Union, like Fresher's Welcome, College Sports and College Social function etc. are also included after consulting them. An Academic Calendar for PG students are made separately in accordance with their class 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://www.bkccollege.org/menu_pdf/Joboppotunityflowchart.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
NIL	BSc	Major	26	19	73
NIL	BSc	General	15	14	84
NIL	BA	General	65	43	67
NIL	BSc	Honours	85	74	87
NIL	BA	Honours	32	27	96
NIL	MSc	Mathematics	5	5	100
NIL	MSc	Botany	7	7	100
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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)

https://bkccollege.org/pdf/StudentStasfactoryReport_19-20.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
Total	0	NIL	0	0
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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
NIL	NIL	

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
NIL	NIL	NIL	Nil	NIL
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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
NIL	NIL	NIL	NIL	NIL	Nil
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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
N.A.	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Botany	1	0
International	Botany	3	0
National	Economics	1	0
National	English	1	0
International	English	13	0
International	Industrial Fish and Fisheries	1	0
International	Physics	3	3.67
National	Bengali	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	1
English	2
Chemistry	1
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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
"Hope in Troubling Times," Borderless	Nishi Pulugurtha	Borderless Blog at WordPress.com	2020	0	Department of English, Brahmananda Keshab Chandra College	Nil
Nyctinasty In Malachra capitata L. (Malvaceae) and its Impact on Plant Biomass and Flower Production	Biswarupa Ghosh	International Journal of Research and Analytical Reviews	2019	0	Department of Botany, Brahmananda Keshab Chandra College	Nil
Draft genome of <i>Ompok bimaculatus</i> (Pabda fish)	Sandipan Gupta et al.	BMC Research Notes	2019	0	Department of Industrial Fish and Fisheries, Brahmananda Keshab Chandra College	Nil
From Kakinada to Calcutta: Finding a Way through Languages	Nishi Pulugurtha	Café Dissensus, July 23, 2019. International, ISSN 2373-177X	2019	0	Department of English, Brahmananda Keshab Chandra College	Nil
Mn incorporated MoS ₂ nanoflowers: A high performance electrode material for symmetric supercapac	Shib Shankar Singha et al.	Electrochimica Acta Internationals ISSN: 0013-4686	2020	0	Department of Physics, Brahmananda Keshab Chandra College, Kolkata Bose Institute	13

itor					Kolkata	
Tailoring light-matter interaction in WS2-gold nanoparticle hybrid systems	Shib Shankar Singha et al.	Physical Review B International ISSN:2469-9969	2019	0	Department of Physics, Brahmananda Keshab Chandra College, Kolkata Bose Institute Kolkata	6
Squeezed coherent state for free-falling Maxwell-Chern-Simons model in long-wavelength limit	Pinaki Patra et al.	Indian Journal of Physics. International Electronic ISSN: 2190-5444	2020	0	Department of Physics, Brahmananda Keshab Chandra College	1
Tailoring phonon modes of few-layered MoS2 by in-plane electric field" npj 2D Materials and Applications-	Shib Shankar Singha et al.	npj 2D Materials and Applications-Nature International ISSN: 23977132	2020	0	Department of Physics, Brahmananda Keshab Chandra College, Kolkata Bose Institute Kolkata	2
Memoir Pickled	Nishi Pulugurtha	Cafe Dissensus Everyday	2019	0	Department of English, Brahmananda Keshab Chandra College	Nil
"Smile Please": Photographs, Memories and Dementia	Nishi Pulugurtha	Café Dissensus	2020	0	Department of English, Brahmananda Keshab Chandra College	Nil

[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	2019	Nil	Nil	NIL
NIL	NIL	NIL	2020	Nil	Nil	NIL
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	14	51	12	33
Presented papers	15	10	2	3
Resource persons	2	4	3	4
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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
Participation in Webinar on Awareness and prevention of covid-19 on 14.4.2020	Nodal Officer, NSS Unit of North 24 parganas	1	80
Video to create public awareness on prevention of covid-19 on 8.4.2020	NIL	1	1
Dengue awareness and college campus sanitisation programme on 13.3.2020	NSS Unit of College	5	20
Celebration of birth anniversary of National Hero: Netaji Subhash Chandra Boses birth anniversary celebration on 23.01.2020	NSS Unit of College Sanjeebani-life beyond cancer	5	25
Tree plantation program on 29.7.2019	NSS unit of College	2	25

Cancer Awareness Programme on 22.11.19	NSS Unit of College Sanjeebani-life beyond cancer	3	67
NSS orientation programme and certificate distribution on 20.2.2020 Disaster Management Awareness Programme on 6.3.2020	NSS Unit of College	5	20
Webinar on Integrated Govt. Online Training Programme (Igot-DIKSHA) on 27.4.2020	NSS Unit of College	1	1
Covid-19 awareness Campaign through social media (fb page) on 18.4.2020	NSS Unit of College	1	15
"Blood We Bound" Webinar series on Thalassemia Blood Donation Awareness on 8.5.2020 , 17.5.2020	Baranagar Udyog in association with Department of Botany, and IQAC B.K.C College	3	54
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Research	Awarded with the first prize for poster presentation in National seminar on "Diversity in the Era of globalization: Challenges and Management"	Bidhannager Govt. College, Kolkata.	Nil
Environment and Ecology	Environmentalist of the Year 2019 award	International foundation for Environment and Ecology, Kolkata	Nil
Reviewer	Priyanko Dhar, Reviewer of International Journal	Defence Life Science Journal, DRDO- 2020	Nil
Reviewer	Sib Sankar Singha Reviewer of International	Biosensor and Bioelectronics ELSIVER	Nil

	Journal		
Associateship	Visiting Associateship, Kamakshya Prasad Modak	the Inter-University Centre for Astronomy and Astrophysics, Pune, India	Nil
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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
Thalassemia Blood Donation Awareness Program	Baranagar Udyog Department of Botany IQAC, Brahmananda Keshab Chandra College	Blood We Bound" Webinar series on Thalassemia Blood Donation Awareness on 8.5.2020 , 17.5.2020	3	54
Awareness Programme of IQAC	IQAC, Brahmananda Keshab Chandra College and NGO Bikashayan, Kolkata	Problem faced by persons with special needs" on 18.02.2020	4	100
Awareness Programme of IQAC	IQAC, Brahmananda Keshab Chandra College and ARCSI Kolkata Chapter	Awareness Programme on "Dementia, the epidemic is here" on 24.9.2019	4	68
Carrier Counselling Activity	IQAC and the Career Counselling and Placement Cell of B.K.C College MSME	An Industrial Visit" at MSME on 13.9.2019	4	74
Anti-drug addiction programme	West Bengal State University	Anti-drug addiction programme on 27.6.2019	2	4
Green Canvas (Plantation Drive)	Department of Botany in collaboration with Baranagar UDYOG team	Plantation drive and a Talk show titled "Green Canvas? to celebrate the Tree plantation week on 10.8.2019	4	60
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Dr. Manas Kumar Roy	NIL	60
Research Collaboration	Dr. Sheikh Ahmed Hossain	NIL	80
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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
Research Collaboration	PhD Supervisor	WBSU, West Bengal Swyambhoo Mitra, BRSN College, Barrackpore Address: 85, Middle Road, 6, River Side Rd, Kolkata, West Bengal 700120 Email: swayambhoomittra@gmail.com	01/07/2019	30/06/2020	Manas Kumar Roy Assistant Professor of Physics BKC College
Research Collaboration	Genome Analysis of Ompok Pabda	AIIMS, New Delhi Dr. Subhradip Karmakar Address: Department of Biochemistry, Room No. 3020, AIIMS, New Delhi-29 Email: subhradipaiims@gmail.com	01/08/2019	30/06/2020	Sandipan Gupta Assistant Professor of Industrial Fish and Fisheries
Research Collaboration	Ethnopharmacology	Dr. Sharad K. Srivastava, Senior Principal Scientist, P	02/09/2019	30/06/2020	Priyanka Dhar Assistant Professor of Botany

		<p>harmacognoc y and Ethnoph armacology Division, CS IR-National Botanical Research Institute, Lucknow, Email: shara d_ks2003@yah oo.com</p>			
Research C ollaboration	COVID-19, Physiology and Health	<p>Dr. Suman Das, Assistant Professor, Department of Pharmacol ogy, ESIC Medical College and Hospital, Faridabad</p>	01/10/2019	30/06/2020	<p>Priyanka Dhar Assistant Professor of Botany</p>
Research C ollaboration	Dark Matter and A stroparticle Physics	<p>SINP Kolkata Prof. Debashis Majumder Address: 1/AF, Sector - I, Bidhannagar, Kolkata -700064 Em ail:debasish.m ajumdar@saha .ac.in</p>	01/07/2019	30/06/2020	<p>Kamakshyap rasad Modak Assistant Professor of Physics BKC College</p>
Research C ollaboration	PhD Supervisor	<p>WBSU, West Bengal Bikash Sarkar, Mrinalini Dutta Mahavi dyalaya Address: Vidyapith Rd, Pratiraksha Nagar, Birati, Kolkata, West Bengal 700051 Email: biku. mdm@gmail.co m</p>	01/07/2019	30/06/2020	<p>Manas Kumar Roy Assistant Professor of Physics BKC College</p>

Research Collaboration	Medicinal Plants	Dr. Jyotsana Dwivedi, Assistant Professor, Pranveer Singh Institute of Technology (PSIT), Kanpur, Email: dwivedijyotsana2010@gmail.com	02/09/2019	30/06/2020	Priyanka Dhar Assistant Professor of Botany
Research Collaboration	Pesticide in Plant Resources	Dr. Dinesh Kumar, Assistant Director (Tech) Quality Assurance, FSSAI, MoHFW, GoI, New Delhi, Email: dinesh.k@fssai.gov.in	02/09/2019	31/07/2020	Priyanka Dhar Assistant Professor of Botany
Research Collaboration	Crop Improvement	Dr. Chandan Saurav Kar, Principal Scientist, Plant Breeding, ICAR - Central Research Institute for Jute and Allied Fibres, Kolkata, Email Id: Chandan.Kar@icar.gov.in	02/09/2019	31/07/2020	Priyanka Dhar Assistant Professor of Botany
Research Collaboration	Ethnopharmacology	Dr. Ajay Kumar Singh Rawat, Director, Ethnobotanical Research Centre Hengbung, Manipur, Email: rawataks@rediffmail.com	02/09/2019	31/07/2020	Priyanka Dhar Assistant Professor of Botany

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Hiralal Mazumder Memorial College for Women Address: Jadunath Sarbobhouma Ln, Railway Colony, Dakshineswar, Kolkata, West Bengal 700076	05/08/2019	SEC, MIL and Computer Literacy to be taught mutually under this exchange program (under CBCS pattern of West Bengal State University) Vide GB Resolution 05/08/2019	5
Prasanta Chandra Mahalanobis Mahavidyalaya Address: 111, 3, Address: Barrackpore Trunk Rd, Dunlop, Bonhooghly, Kolkata, West Bengal 700108	05/08/2019	Physics General and Computer Science General Courses to be taught mutually under this exchange program Vide GB Resolution 05/08/2019	26
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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
4	3.9

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
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

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	3.14.06.000	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	25913	1203546	142	18075	26055	1221621
Reference Books	22	12990	Nil	Nil	22	12990
e-Books	799500	Nil	Nil	Nil	799500	Nil
e-Journals	6000	Nil	Nil	Nil	6000	Nil
Digital Database	10680	Nil	2064	Nil	12744	Nil
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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	N/A	N/A	Nil
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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	50	3	8	4	3	1	20	210	0
Added	0	0	0	0	0	0	0	0	0
Total	50	3	8	4	3	1	20	210	0

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

150 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
BKC College Classroom Youtube Channel	https://www.youtube.com/channel/UC1GFXs_rw1CjfN4wq9exxzFA

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
200000	182586	1000000	1009722

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)

The college has self-sufficient systems and methodologies to maintain as well as utilize physical, academic and other ancillary facilities. The Principal of the college takes care of all the assets of the college. She is the overall in-charge of all facilities. She coordinates the same through Heads of Departments, faculties, administrative staff, lab attendants, librarian and library assistants and other staff. There are security personnel on duty round the clock in the campus for surveillance and to ensure safety and security of the whole campus. Every corner of the campus is under CCTV surveillance. All classrooms, seminar halls, toilets, office, library, laboratories are cleaned as well as sanitized by support staff. Any furniture repairs needed are attended to immediately by the carpenter available in the neighborhood of the campus. Minimum consumption of power is also ensured strictly by optimal use of electric ACs/lights/fans/projectors etc. The regular activities of the library are managed by the Librarian with the assistance of library staff with additional efforts from teaching staff voluntarily. All technical activities, catalog and circulation etc available in the library are fully automated. The college has playgrounds which are utilized by staff and students to the maximum and also open to neighboring school students who do not have school playgrounds. The playgrounds, gymnasium and sports infrastructure are under the custody and monitoring of the faculty and staff of the college and they are well maintained.

https://bkccollege.org/pdf/Procedures_Policies2_19-20.pdf

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 Students Aid and Half Free Students Aid	27	28028
Financial Support from Other Sources			
a) National	Various Scholarships and financial support from Government of West Bengal	113	1697040
b) International	NIL	Nil	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial

coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
NIL	Nil	Nil	0
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Students participated in a Career Fair organised by the Career Counselling and Placement cell in collaboration with Internal Quality Assurance Cell of BKC college	Nil	200	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
13	13	15

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
Powell Homeo Laboratory, Powell, GN-28, Sector V, Kolkata, West Bengal 700091	6	3	NIL	Nil	Nil

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc (Major)	Industrial Fish and Fisheries	Bharathidasan University	M.Sc. in Marine Science
2019	5	B.Sc (Honours)	Zoology	Barasat Govt. College, Rishi Bankim Chandra College, Presidency University	M. Sc.
2019	1	B.Sc (Honours)	Botany	Barasat Govt. College	M. Sc.
2019	1	B.A (Honours)	Bengali	Rabindra Bharati University(Distance Education)	M. A.
2019	2	B.Sc (Honours)	Chemistry	Bidhannadar College, Presidency University	M. Sc.
2019	6	B.A (Honours)	English	Rabindra Bharati University(Distance Education), Lady Brabourne College, Bhairav Ganguly College, Burdwan University	M. A.; B.Ed.

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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	2
SET	1
Any Other	2

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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
Rabindra Jayanti (02/05/2019)	College level	200
Baishe Shrabon (08/08/2019)	College level	100
Annual Social and Freshers' Welcome (26/09/2019)	College level	800
Indoor Games (16/01/2020-17/01/2020)	College level	90
Saraswati Puja (29/01/2020)	College level	700
College Sports(13/02/20 20-14/02/2020)	College level	100
Cultural Competition (03/03/2020 04/03/2020)	College level	30
Basanta Utsav (05/03/2020)	College level	100
Inter-college Chess Tournament WBSU (21.09.2019)	University Level	100
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Kajal Rekha Musical Foundation and Taalsen Academy	National	Nil	1	B.A./18/0 039	Subhan Dutta
2019	Braja Dhuni Memorial Classical Music Comp etition	National	Nil	1	B.A./18/0 039	Subhan Dutta
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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)

Student representation is present in the Governing Body of the College and IQAC. A student member is present in all meetings of the various subcommittees (Academic, Magazine, Cultural, Sports, Career and Placement Cell among other sub-committees) held regularly in the College. The student representative at

all such meetings voices his/her opinions/ideas about various issues keeping in mind the interests of the students. Student representatives are present in various Organizing Committees that work towards organizing Seminar/Symposia/Workshops in the College. They are actively involved in bringing to the fore any problems faced by students, so as to facilitate speedy redressal of grievances such as those involving infrastructure, academics, among others. They are closely involved in all NSS activities and help in coordinating various awareness programmes, outreach programmes, Blood donation camps. Regularly tree plantation programmes are undertaken by students in association with NSS. Students are actively involved in sports and cultural activities held in the College They organize the Annual College Social, Freshers' Welcome, Annual College Sports, Saraswati Puja, Rabindra Jayanti, among others. They arrange annual students picnics so as to facilitate interaction and camaraderie among all students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has a registered Alumni Association B.K.C. College Alumni Association, registration No. S/2L/7714, Registration of Societies W.B. Act xxxvi of 1961. The Association has been active for many years and organizes various programmes and lectures. The Alumni Association gives awards every year to toppers from the College in Chemistry Honours, Botany Honours, Mathematics Honours, Bengali Honours, at the University Final Examination. The highest scorer in B.Sc. Honours is also awarded a prize by the Alumni Association. The association expends Rs. 30,000 on the prizes mentioned above. The Association regularly conducts seminars as part of its activity. A Reunion was organized by the Alumni Association in collaboration with the college in the College premises on 23/01/2020.

5.4.2 – No. of enrolled Alumni:

425

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

18700

5.4.4 – Meetings/activities organized by Alumni Association :

The annual General Body meeting of the association was held on 06-04-2019 at the College. The following members were elected as the new Executive Committee of the association. 1. Dr. Jyotirmoy Mukherjee, President 2. Sri Mrinal Kanti Kar, Vice-President 3. Sri Gopal Krishna Das, Secretary 4. Sri Prabal Poddar, Asst. Secretary 5. Sri Uttam Bhattacharjee, Treasurer 6. Sri Tridip Biswas, Member 7. Sri Debabrata Roychowdhury, Member 8. Smt Sima Das, Member 9. Smt Jyotshna Modak (Saha), Member 10. Sri Bidhu Prasad Talukdar, Member 11. Sri Kankan Bhattecharjee, Member 12. Sri Binod Singh, Member 13. Sri Dilip Karmakar, Member 14. Sri Swapan Kar, Member 15. Sri Dulal Chakraborty, Member 16. Smt Puspita Bagchi, Member 17. Smt Sutapa Ganguly, Member 18. Sri Monoj Dey, Member Meetings and activities 1. 07.07.2019 : Emerging Extended Meeting of Alumni Association • Organisational and future activities • Celebration of the college foundation day on 27th July • Bank Transaction 2. 27.07.2019 : Emerging Extended Meeting of Alumni Association • Assembled and celebrated the college foundation day • Paid homage to departed soul Sri Kamal Basu who was the Secretary of the association. Everyone remembered Sri Basu and his contribution to build the association is remembered. • Inclusion of new members of the association to the college NAAC committee • Formation of new souvenir committee 3. 19.08.2019 : Ordinary Meeting of Alumni Association • Discussed

about cultural completion in the memory of Late Kamal Basu • The date for cultural completion was scheduled on 29/09/2019 4. 29.09.2019 : Cultural Competition Program in the Memory of Former Secretary Late Kamal Bose • All members assembled and tribute to Late Kamal Basu • Cultural completion started with full enthusiasm. 5. 14.12.2019 : Emerging Extended Meeting of Alumni Association • Organised a condolence meeting for departed past members 6. 05.01.2020 : Condolence Meeting • Organised a condolence meeting for departed past members 7. 19.01.2020 : College General Reunion • Attended a joint meeting for discussion regarding REUNION celebration jointly organised by Brahmananda Keshab Chandra College and B.K.C College Alumni Association. • The date of Reunion was decided to be held on 23.02.2020 8. 01.02.2020 : Ordinary Meeting of Alumni Association • Discussed about the preparation of Reunion scheduled to be held on 23.02.2020 • The college in collaboration with Alumni Association organised REUNION 2020 on 23.01.2020 • The Alumni Association of Brahmananda Keshab Chandra College in association with IQAC of the college organized ?????????? ?????? "Punarmilon Utsab-2020"- a programme to facilitate, consolidate and coordinate Alumni Activities at Brahmananda Keshab Chandra College at college ground on 25th February 2020.

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)

Policy decisions of the college are undertaken by the Governing Body (GB) of the college which is well represented by teachers, non-teaching staff and students apart from the external members appointed by the Government of West Bengal and the West Bengal State University, with the College principal as the ex-officio Secretary. GB believes that decentralization is essential to create an ambience favorable for overall improvement of the college. To promote decentralized participative management at the institutional level GB has different subcommittees with representation from various stakeholders. Academic Subcommittee comprising all the HODs, IQAC coordinator and other GB members looks after the academic activities of the college and fixes up the criteria for admission and oversees the overall admission procedure. Building Subcommittee, Finance Subcommittee, Purchase Subcommittee, Provident Fund(PF) Subcommittee has been constituted by the GB to look after building proposals, finance, purchase and the PF respectively. There are other sub-committees of the GB to look after issues related to Women's Hostel and Student Aid. NSS Advisory Subcommittee oversees the different activities of NSS team. The other important body of the college is IQAC, constituted as per NAAC guidelines with representatives from teachers, non-teaching staff, alumni, students, external experts and management. IQAC takes several initiatives to enhance the quality of the college and takes part in the academic and administrative performance of the institution. IQAC in association with different departments and cells organizes workshops, and outreach activities beneficial to the students. The Teachers' council recommends different policies and guidelines e.g. admission, examination, discipline etc through its various subcommittees. These committees propose their plans and help to execute them. Composition of different sub-committees is changed periodically to ensure a uniform exposure of duties for academic and professional development of faculty members. Newly appointed teachers are included in the subcommittees so that they can take part in the overall development from the very beginning. Following are the different sub-committees which have been constituted by the Teachers' Council (2019-20): • Admission and Examination sub-committee • GPF Committee • Routine sub-committee • Library sub-committee • Sports Sub-committee • Seminar sub-committee • Cultural sub-committee • Arrear and Fixation sub committee • Magazine sub-committee • Career Counseling and Placement cell • Website maintenance

committee • Anti-Ragging Committee • Research monitoring Cell • Women Cell • Internal Complaints Committee • "Swami Vivekananda merit-cum-means Scholarship" Cell (To facilitate students for the scholarship scheme run by the Govt. of West Bengal) • "Kanyashree Prakalpa" Cell (To facilitate girls' students for the scholarship scheme called run by the Govt. of West Bengal) • Equal Opportunity Cell • Minority SC, ST, OBC Cell • Committee for WB health scheme • Youth Parliament Committee • Newsletter subcommittee The General Secretary of the students union is a member of the Governing Body and IQAC. Students are empowered to play an important role in different activities of the college. Non-teaching staff are represented in the Governing Body and the IQAC. Suggestions of non-teaching staff are considered while framing policies or taking important decisions.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	The Career Counselling and Placement Cell of the College aspires to work at creating an interface between the industry and students. The Career Counselling and Placement Cell in collaboration with IQAC organised a Career Fair and invited companies to make presentations regarding job opportunities. The third year honours and general students were taken to an industrial visit at MSME, Government of India. An opportunity for placement was also organised in the college campus.
Library, ICT and Physical Infrastructure / Instrumentation	INFLIBNET subscription in the library. WIFI facility available in the library and in campus. New laboratories are created as part of infrastructural development. College has two smart classrooms and eleven classrooms having ICT facilities with fixed LCD projection. Using movable LCD projectors and screen, all other classrooms are used as ICT enabled. Procurement of more equipment in the laboratories, teaching aids, desktop, laptops, projectors and books. College playground is developed for the benefit of the students. Process of installation of solar panels on the rooftop of the college building was initiated.
Research and Development	The Teachers' Council has a Research Monitoring Committee for Professional Development of Staff to promote research culture among the faculty members by encouraging them to submit research proposals for funding. The

college authority ensures prompt sanctioning of leave to staff for participating in conferences and seminars. To keep the teachers updated, the notices and circulars from various funding agencies including UGC, CSIR, DST DBT, are circulated on a regular basis. College provides funds for organizing seminars and extension lectures at the departmental level. The college encourages its faculties to act as M.Phil/ Ph.D supervisors.

Examination and Evaluation

End -Semester examinations are conducted by the affiliating university WBSU for the new CBCS course while the college conducts internal assessment of students according to the university guidelines. The Test Examination is held for the outgoing Part 3 (Final Year) students. Class tests/surprise tests, student seminars, interactive sessions, practical examinations, etc are conducted by departments to evaluate the students. For the post graduate students, seminars and project submission are mandatory. In the current pandemic situation all departments are conducting examinations in the online mode.

Curriculum Development

The faculty members who are in the Board of Studies of the affiliating university and other post graduate colleges give their inputs at the time of the development of the course content which is framed by West Bengal State University. The college follows these courses in the undergraduate level but there is some flexibility in the postgraduate level. Teachers of the college have served as resource persons in workshops on the revised syllabus of the university. Teachers are often asked to contribute to the model question papers prepared by the University for each subject.

Teaching and Learning

An exhaustive academic calendar is prepared to ensure timely and effective teaching-learning outcome at the beginning of the session. Student seminars, wall magazines, student projects etc. are organised by many departments as a part of participatory learning. Some departments organise educational tours and excursions as an integral part of the effective curriculum delivery mechanism. The PG Departments organise seminars and

	<p>projects as part of their curriculum. During COVID19 pandemic period (since 16/03//2020) teachers are communicating with the students through online classes and sharing study materials and collecting assignments electronically.</p>
Human Resource Management	<p>During the session 2019-20 nine substantive posts (Assistant Professor) have been filled up according to the recommendations from the West Bengal College Service Commission based on the requisitions submitted by the college. Guest Faculty with specialisation from other reputed Institutions are invited to deliver lectures for PG courses in Mathematics and Botany. For the vacant post in computer science college appoints Guest Faculty to ensure timely delivery of the syllabus. Appointment of non-teaching staff as and when required is done under the supervision of GB.</p>
Admission of Students	<p>The Academic Committee of the GB formulates the criteria for admission and the notification is put up in the college website well in advance. All the process related to admission in both UG PG courses is done online. Payments are made directly to the bank electronically. Online admission is made strictly on the basis of merit. Strict observance of Govt. Rules for Reserved Categories. Merit list and e-counselling list is put up on the college website.</p>

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

E-governance area	Details
Planning and Development	<p>Every notice related to students is uploaded in the Website of the College. Due to the pandemic situation the college was closed from the middle of March. Meetings of the various committees were held in the online platforms and the decisions were displayed in the website as well as in the social networking groups. For purchase of items or for any infrastructural development of the college notices seeking Tender are notified in the website.</p>
Administration	<p>Notices and circulars are uploaded in the college website and communicated to different departments through e-mail from the office of the Principal. The student database is maintained by</p>

College Automation System Software (CAS 7.1) and SMART College software. The process of digitization of library books using KOHA software is ongoing. IQAC notices are circulated by the coordinator through e-mail. The college uses a Biometric system of attendance of both the teaching and non-teaching staff. Virtual meetings of various subcommittees are held regularly to take different decisions for the smooth functioning of the college.

Finance and Accounts

Implementation of ROPA-2019 for the teaching and the non-teaching staff of the college is done digitally Receipt of admission fees is completely online. Salary of faculty members and staff is transferred directly to the bank account. Payment of salary to the staff members are done through the Human Resource Management System (HRMS) of the Government of West Bengal (WBIFMS). Fully computerised office accounts section. Maintenance of the college accounts through Tally Software-(Tally ERP9)

Student Admission and Support

All activities relating to student admission are being done online. Applications are submitted for admission to different courses through the online admission portal. Merit list is prepared and uploaded by fully computerized system Maintaining students' database through SMART College software and College Automation System Software (CAS 7.1). Post Matric Stipend for Minority Students under talent Support Programme. Online submission of different government schemes such as Kanyashree, Post Matric Scholarship, SC/ST/OBC scholarship, Chief Ministers' Relief Fund, Swami Vivekananda Merit cum Means. All the notices relevant to the students are put up on the website. Moreover, each department interacts with the students by e-mail or with the help of other social networking sites.

Examination

Students can access all examination related documents such as admit cards, registration certificates, etc. online. Uploading of marks of internal examinations is done online through the university portal. In this session assignments are given to the students in the online mode after the start of the pandemic.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	NIL	NIL	NIL	Nil
2019	NIL	NIL	NIL	Nil
No file uploaded.				

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)
2019	NIL	NIL	Nil	Nil	Nil	Nil
2020	NIL	NIL	Nil	Nil	Nil	Nil
No file uploaded.						

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
Online Refresher ARPIT Course B.P.S. Mahila Vishwavi dyalaya, Sonipat Haryana	1	01/10/2019	17/01/2020	107
Refresher Course on Algebra, Analysis and their Application organised by HRDC Jadavpur University Kolkata	1	18/11/2019	30/11/2019	14
Refresher Course in Emerging Areas of Life Sciences from Jadavpur University	1	27/01/2020	08/02/2020	14

Annual Refresher Programme in Teaching (ARPIT) Courses of SWAYAM - Online Refresher Course in Chemistry for Higher Education	2	01/09/2019	31/12/2019	120
9th Refresher Course in Environmental Studies (Interdisciplinary) UGC-HRDC, Jadavpur University, Kolkata	1	03/02/2020	15/02/2020	14
Annual Refresher Programme in Teaching (ARPIT) Courses of SWAYAM - Teacher and Teaching in Higher Education	1	01/09/2019	31/12/2019	120
Annual Refresher Programme in Teaching (ARPIT) Courses of SWAYAM - Stars and stellar systems	1	01/09/2019	31/12/2019	120
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
9	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
West Bengal Health Scheme of the Government of West Bengal ? BKC College Staff Co-operative Credit Society . Group Insurance Scheme	? BKC College Staff Co-operative Credit Society ? Group Insurance Scheme of LIC	? Full Free Students Aid (by the college) ? Half Free Students Aid (by the college) ? Kanyashree ? Post Matric Scholarship, SC/ST/OBC ?

of LIC

Chief Minister's Relief Fund ? Swami Vivekananda Merit cum Means Scholarship ? Post Matric Stipend for Minority Student under talent Support Programme ? PG Indira Gandhi Scholarship for Single Girl Child ? S.R. Jindal Scholarship ? HDFC - EC Scholarship

6.4 – Financial Management and Resource Mobilization

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

- Purchase of instruments and other assets of the college through the Purchase Committee of the Governing Body on approval from Finance Committee.
- Yearly Financial Audit of the college by the Higher Education Department, Govt. of W.B.
- Regular placement of accounts before the State Government appointed auditor at the end of every financial year.
- Audited report then placed in the G.B meeting for approval, rectification and suggestions.
- The auditor's suggestions and advices are taken into consideration to bring improvement in financial activities.
- The external financial audit up to financial year 2019-2020 has been completed.

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
Participants and sponsors	116655	Reunion held on 23.01.2020
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6.4.3 – Total corpus fund generated

1323150

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	NA	Yes	IQAC
Administrative	Yes	Govt. of West Bengal	Yes	Finance Committee of GB

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

Although the college does not have a formal (registered) parent-teacher association, interactions of teachers with parents during parent-teacher meetings of different departments come up with new suggestions related to the overall development of the students. Their suggestions can be presented as follows. 1. Providing valuable suggestions for overall development of the institution. 2. Pointing out the weaknesses of their child which helps the teachers to address problems faced by students in a more effective way. 3. Communicating their child's view regarding teaching and other allied support systems.

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

1. Training Program of HED portal, Department of Higher Education, Government of West Bengal, at Seminar Hall (7th Floor), West Bengal Minorities Development and Finance Corporation, 27/E, Sector I, Salt Lake City, Kolkata-700064 on 12th February 2020, from 11 A.M. to 1 PM. 2. E-Pension Portal Training attended by Head Clerk. 3. Monitoring Solar Panel Installation by The Department of West Bengal Renewable Energy. 4. One Day Disaster Management Program attended by the staff.

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

1. Post graduate courses in Botany and Mathematics are successfully running from the academic session 2017-18. Initiatives were taken to develop the necessary infrastructure to start the post graduate course in Physics which has got approval from the Council of Higher Education. 2. Women's Hostel is successfully operating with a large number of borders. 3. Initiatives are taken to fill up the vacant teaching posts. In this academic session nine teaching posts are filled up including some of the recently created new posts. 4. Inter-college sports event organized under the sports committee of the West Bengal State University. 5. A news-letter of the college has been started where all the activities are showcased. 6. Initiative taken to install solar panels on the rooftop of the college building.

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
2019	Arranged a talk by Dr. T.K.Ghara, Jt. DPI, Govt. of West Bengal to the college teachers entitled "Data Requirement of RAF and its analysis towards improvement for a better score in NAAC"	24/05/2019	14/06/2019	14/06/2019	33
2019	Met all the HOD's and discussed	22/04/2019	06/09/2019	06/09/2019	22

	the steps which can be taken by the departments to score better in NAAC				
2019	IQAC members met all the teachers where Coordinator discussed the new NAAC format.	06/09/2019	01/10/2019	01/10/2019	52
2019	One-day NAAC sponsored National Seminar on "Quality Assurance in the Age of Information Explosion"	Nil	05/07/2019	05/07/2019	101
2019	A One Week workshop on Data Analytics" was organised by the IQAC and SQC OR division, ISI, Kolkata	24/05/2019	09/07/2019	15/07/2019	49
2019	An extension Lecture on environment titled "Manu ushaarkotodin" for the 1st semester students was delivered by Sri PradipDutta	17/09/2019	20/09/2019	20/09/2019	118
2019	An awareness programme on "Dementia, the epidemic is here". The speaker was Ms.Nilan	17/09/2019	24/09/2019	24/09/2019	101

janaMaulik,
Secretary
ARDSI,
Kolkata. As
a run-up to
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awareness
programme,
3rd semester
students of
the
department
of English
distributed
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2020

Career
Fair:
Inaugurated
by Mr.K.D.Bh
attacharya,
Director
MSME,
Kolkata.
Apart from
students of
our college,
students
from nearby
colleges
also
participated
in the fair.
Total 10
companies
offering
various
career oppor
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participated
in this f

22/11/2019

27/01/2020

27/01/2020

200

2019

The IQAC
gave away
prizes in
recognition
of the
academic
performance
and extracur
ricular
activities
of our
students at
the Annual
Social
organized by
the

17/09/2019

26/09/2019

26/09/2019

15

2019	1	1	30/07/2019	7	Book-Fair: College library in collaboration with Parul Prakashani	Academics	165
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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)
NIL	Nil	N/A

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Orientation programme for Students on proper meaning of higher education by IQAC and Department of Physics	23/07/2019	26/07/2019	94

[View File](#)

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

a) Most of the notice/official communication are done virtually using email, different Apps and social media to minimise the paper use. b) Neon bulbs have been replaced with LED lights to minimise energy consumption. c) Solar panel installation has been going on as an alternative power supply source.. d) IQAC, NSS and Department of Botany have carried out plantation drives, environmental awareness programmes and campus cleaning Drives. e) College has established and maintained 'Janaki Ammal Sacred Grove' as a commitment to biodiversity conservation of a wetland corridor. f) Green Audit has been done by Eco-club of the college on a regular basis. g) Resolution has been taken to establish Compost Pits, Rainwater Harvesting and proper segregation and disposal of Nonbiodegradable waste in the college. h) College campus is a no smoking and no plastic zone.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Objectives: It has been the endeavour of the different departments of the College to encourage students to participate and present papers at various Students' Seminars, Classroom Seminar and student Projects. These are part of the process to not only make them participate in academic activity that goes beyond classroom teaching but also to instil in them confidence and make them comfortable at public speaking. It is with this in view that various Departments organize such seminars. Faculty members are also actively encouraged to participate in state, national and international seminars, conferences and workshops in India and abroad. Seminars and projects aim to make students aware of new areas of research, provide them with knowledge of the work of noted academicians, understanding of scientific phenomena with a view to understand current trends and impact in social cause. 2. Practice: Faculty actively guide students to present and write seminar papers on topics

in the syllabi and even beyond it. They help students in the form, content, style and presentation too. Students have access to online resources and books in the library and seminar library and departmental computer labs to prepare their seminar papers. Students are encouraged to make power presentations. Some departments bring out proceedings of the Students Seminars. Students are asked to use Publisher to design posters for presentations in National and State level seminars. Data collection and analysis and seminar, questionnaire preparation and market survey in related areas of research are taught to students. Most of the students also regularly attend extension lectures conducted by respective departments. 3. Outcomes: Various Departments have organized annual students' seminars and seminar series where students presented papers on themes/topics that they decide on. It is also the practice to have Classroom seminars. The new CBCS has presentations as part of the internal evaluation system. Students are trained on a regular basis to prepare questionnaires, undertake data collection, data analysis and data presentation using the various computer software. There are question answer sessions after the seminars .As a result students end up with self confidence in communicating skills and public speaking. Students are benefited by extension lectures on various topics. List of Student Seminars Conducted by the Departments of the College, 2019-2020: Department Date Topic of Students' Bengali: Students' Seminar 06.03.2020 Vidyasagarer Siksha Bhabana Botany: Students' Seminar 30.11.19 28.05.2020-30.05.2020 ? on the Birth Anniversary of Sir Jagadish Chandra Bose. ? PG student Seminar IFF: Seminar and demonstration 28.02.2020 National Science day:Ornamental fishery Economics: Students' Seminar 06.02.2020 Poverty and Inequality English: Annual Students' seminar 27.02.2020 American Literature Mathematics: 27.09.2019 Students Seminar Zoology: Students' seminar 23.12.2019 UG seminar series, miscellaneous Topic related to recent biological advances.

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

https://bkccollege.org/pdf/Best_Practices_19-20.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

PERFORMANCE OF THE INSTITUTION IN AREAS DISTINCTIVE TO ITS VISION, PRIORITY AND THRUST The college aspires to be known as an institution that promotes the following: 1. Promoting academic, physical, moral and cultural development of students to make them responsible citizens of the country. 2. Promote education of girl students. 3. Catering to the needs of the local community. To achieve the above-mentioned goals the college has been working consistently in the following areas: 1. Since its inception in 1956 the college has rendered valuable contributions to the field of higher education among under privileged students particularly students from refugee families who settled here after partition. The highly qualified teachers of the college try to impart quality education by both conventional and non-conventional methods. College provides wifi and ICT facilities to the students and faculty members to promote advanced methods of teaching and access e-contents. Due to Covid-19 pandemic, April 2020 onwards online teaching learning methodologies, online examination and evaluation systems have been adopted. Apart from academic excellence, the college also pays sincere attention to the physical, moral and cultural development of the students. The college has a large playground and ample sports equipment which encourage our students to engage themselves in different sports activities on a regular basis. One of the students won the gold medal in the National Savate Championship. The college organised some inter college sport events under West Bengal State University. The college has a well-

equipped gymnasium for physical fitness training which is utilised by students and staff. The students actively take part in various cultural events organised by the college viz Teachers' Day Celebration, Annual Social, Fresher's Welcome, celebration of the birthday of Rabindranath Tagore to name a few. 2. The Women's Hostel with all the facilities of the college is serving the girl students of our college, UG and PG, and also students from neighbouring institutions. This serves to mitigate the serious accommodation problem and career aspirations for female students coming from distant areas. The ratio of female students in our college is quite high in spite of it being a coeducational college. 3. The college always extends its helping hand when it comes to the needs of the local community. In case of any natural calamities, college gives shelter to many people of the locality. Previous year also, in the month of February there was a devastating fire at a slum in our municipal area adopted by us. Slum Dwellers were provided shelter by our College From 12.2.19 to 16.02.19. Our NSS unit together with other students and staff coordinated the rehabilitation effort earnestly. Moreover, the large playground is fully utilised by our neighbouring institutions. Local primary schools, secondary schools, institutes for special children, local clubs regularly have various sports activities and tournaments in our college. Outreach activities of NSS and IQAC like blood donation camp, health awareness campaigns, conferences, book fairs are organised regularly where people from different Institutions and local communities actively participate. A four-day international conference of Paschimbanga Itihas Samsad programme

Provide the weblink of the institution

https://bkccollege.org/pdf/InstitutionalDirectives_19-20.pdf

8.Future Plans of Actions for Next Academic Year

1. Preparing the college for the 2nd Cycle of Assessment and Accreditation.
2. Strengthening academic remedial programme and personal mentoring programme.
3. Initiate value education programme.
4. Initiate skill enhancement programme.
5. Preparing infrastructure for an extensive online programme to compensate for regular courses and administrative work, examination-evaluation process, webinar, online workshops etc considering pandemic situation.
6. Improve the quality of teaching and learning environment by interaction at the Department .
7. Probing the possibility of starting various interdisciplinary certificate programmes for next academic year,
8. To build self-sufficient renewable solar energy resources for campus.
9. Construction of a well equipped Laboratory to start a Post Graduate course in Physics.
10. Special drive for financial support to the needy students considering pandemic situation.
11. Initiatives to be adopted for waste management, water management and with special focus on sanitation and hygiene.
12. Special drive on biodiversity conservation inside the campus.