



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	ACHARYA BROJENDRA NATH SEAL COLLEGE
Name of the head of the Institution	Dr. Bimal Kumar Saha
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	03582226112
Mobile no.	9474540386
Registered Email	cobabnsealcollege@gmail.com
Alternate Email	iqac.abnsealcollege@gmail.com
Address	M. J. N. Road, PO-Cooch Behar, PS-Kotwali
City/Town	Cooch Behar
State/UT	West Bengal
Pincode	736101

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Debabrata Lahiri			
Phone no/Alternate Phone no.		03582226112			
Mobile no.		8250561760			
Registered Email		cobabnsealcollege@gmail.com			
Alternate Email		iqac.abnsealcollege@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://abnscollege.org/aqar.php?">http://abnscollege.org/aqar.php?</a>			
4. Whether Academic Calendar prepared during the year		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		<a href="https://abnscollege.org/academic-calendar-2017-2018.html">https://abnscollege.org/academic-calendar-2017-2018.html</a>			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.89	2008	16-Sep-2008	15-Sep-2013
2	A	3.07	2017	28-Mar-2017	27-Mar-2022
6. Date of Establishment of IQAC			19-Oct-2009		
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		

Interdisciplinary National Seminar on	26-Feb-2018 2	115
National Seminar on	26-Feb-2018 2	100
Prof. S.C. Mukhopadhyay Memorial Lecture	10-Feb-2018 1	46
Acharya Jagadish Chandra Bose Memorial Lecture	13-Feb-2018 1	52
Aryabhatta Memorial Lecture	04-Sep-2017 1	57
Prof. Pratima Chatterjee Memorial Lecture	16-Feb-2018 1	49
Invited Lecture on	08-Jan-2018 1	62
Invited Lecture on	11-May-2018 1	64
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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
Institution	Old Government College Development Scheme	Government of West Bengal	2017 365	3500000
Institution	Development Grant	State Government	2017 365	300000
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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 :**

1

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)

(i) One National level Seminar of Humanities and Social Sciences, One National level Seminar of Science as well as Memorial Lectures by all the Departments of the College could be undertaken under the active stewardship of IQAC. (ii) IQAC encouraged stakeholders' participation. Alumni Association continued their campus beautification activities. Parent Teacher Association sponsored two National level seminars and Memorial lectures. They have also decided to provide fund to the College to appoint Teaching/Learning Assistants and one Library Project Assistant. (iii) IQAC is instrumental behind publication of the College Annual Report Samay, (iv) Feedbacks from outgoing students were taken, analysed, and circulated to relevant wings of the College. (v) IQAC has recommended to the College authority to forward applications of faculty members to participate in faculty development programmes. In the year seven and four teachers have successfully completed Refresher Courses Orientation Programmes respectively, and nine teacher has successfully attended Workshop/shortterm courses. It has a facilitating role in forwarding the files of faculty members to the Higher Authority for their career advancement under Career Advancement Scheme (CAS). (vi) IQAC had significant role in shoring up students' discipline and campus security by suggesting appropriate measures.

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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	Achievements/Outcomes
A few value added courses like Media Studies and Tourism Management be introduced.	An attempt by the ABNSCPTA was made to establish an institute of rural management. A team visited IRMA, Anand, to understand the working of a stateofheart institute. However, the project had to be shelved in view of some operational difficulties.
An interdisciplinary collaboration.	The collaboration proved fruitful for the course in environmental study.
Introduction of Physiology as a general subject for Honours students.	The course has been introduced.
PG courses in a number of Departments to be contemplated, including the Department of Philosophy, by ensuring adequate teaching strength and liaison with the University.	As it turned out that the departments cannot be made equipped with adequate staff strength to open PG courses, the plan could not be executed.
Formal Performance and Academic Audit to be initiated.	This year the college switched to CBCS mode. In view of the extra effort involved for this conversion the audit work could not be initiated.
Formal Green Audit be initiated.	A Green Committee was set up. The Committee has completed making a list of plants in the College campus. On its initiative a proposal to set up a biodiversity park within the campus was

	also prepared and sent to the State government.
An audit of sophisticated instruments to be undertaken for ensuring their maintenance.	On the basis of a survey of sophisticated instruments it was found that a few of such instruments needed some repair. Vendors were contacted and primary inspection and some repair work was done.
All the computers to be protected by required software.	Adequate number of internet protection software were purchased and installed.
People's Biodiversity Register be developed.	A plan of actions has been drawn up.
The College initiates the process to seek approval from the Higher Authorities to start UG Honours and General courses in Education in the College.	A proposal was subsequently sent to the Department of Higher Education. Permission was obtained to start the course in 201819 academic ye
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<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	27-Feb-2017
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	01-Mar-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	A. B. N. Seal College being a Government College use HRMS portal of Government of West Bengal for disbursement of salary wages to faculty members and nonteaching staff of the College. Besides that, payments towards utilization of any grant are done through the IFMS portal of Government of West Bengal, the funds are credited to the suppliers directly to their respective bank accounts through the portal. In addition to the above two, the College also has an emanagement for online admission system for both UG and

PG courses. The system ensures online application, generation of merit list and online admission strictly according to the merit.

## 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

Acharya Brojendra Nath Seal College is affiliated with Cooch Behar Panchanan Barma University, which shoulders the responsibility of framing the curriculum. In this process, a handful of teachers from the Institution in the stature of members of Board of Studies (at UG and PG level) offer well-designed suggestions; which are kept under consideration. However the College prospectus and academic calendar are made in accordance with the curriculum framed by the University and are displayed in both printed form and in the Website of the College just before the commencement of the admission procedure every year. Individual teachers on their own initiative, after due consultation with the Head of the Department, chalks out lesson plans and course structure in detail, which are communicated in time.

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
NA	NA	30/06/2018	00	NA	NA

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	NA	01/07/2017
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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
BA	Bengali	03/07/2017
BA	English	03/07/2017
BA	Sanskrit	03/07/2017
BA	Philosophy	03/07/2017
BA	Political Science	03/07/2017
BA	History	03/07/2017
BA	Geography	03/07/2017
BA	Economics	03/07/2017
BSc	Physics	03/07/2017
BSc	Chemistry	03/07/2017

BSc	Mathematics	03/07/2017
BSc	Botany	03/07/2017
BSc	Physiology	03/07/2017
BSc	Zoology	03/07/2017
BA	Programme	03/07/2017
BSc	Programme	03/07/2017

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
NA	30/06/2018	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
BA	Geography	21
BSc	Physiology	18
BSc	Botany	29
BSc	Botany	38
BSc	Zoology	48
BSc	Zoology	25
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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	No
Parents	No

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 feedbacks were provided to and submitted by the outgoing 3rd Year students of different departments under UG (111) and final year students of the PG course system. We have provided each of the students with a detailed questionnaire formulated carefully keeping in mind the guidelines provided by the UGC. Some salient features of collection and analysis of the feedbacks were as follows – 1. The feedbacks were provided to the students anonymously. 2. The feedbacks submitted by the students were for all the teachers of a department together. 3. We have grouped the questions for the readiness of analysis. Eg:</p>

Questions about teaching perception are grouped together like perception regarding the number of teachers and the teaching quality. 4. For analysis we've calculated the weighted percentage for each option of a certain question. 5. We have used 'Component Bar Chart' to show the analysis for each question in a graph. 6. We have also used the above-stated graphs to compare the departments based on each question in order to identify the potential areas for further improvement, department-wise.

## 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	Bengali	55	900	49
BA	English	55	951	47
BA	Sanskrit	55	679	48
BA	Philosophy	55	296	52
BA	Political Science	55	320	43
BA	History	55	461	48
BA	Economics	55	204	20
BA	Geography	32	907	30
BSc	Physics	32	466	28
BSc	Chemistry	32	496	30

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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
2017	1926	180	63	Nil	18

### 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
81	52	24	12	2	2

[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)

The institution so far did not adopt any structured mentoring pattern but has always wanted to make the students



feel comfortable in the particular academic set up by following the strategies mentioned underneath: An allinclusive orientation program for the students on the very first day of attending the College, by the Principal /Officer-in-Charge, as well as the senior teachers, Head of respective Departments to welcome them and familiarize them with the institution, is arranged. The Head Of the Departments seek to orient them to the particular Department, the core curriculum, examination system and offer information to clear any doubts which the students may have at the initiation of an academic session. The merit of the subject and its related career opportunities are also discoursed. During the course of every semester, the Departmental Faculty members identify slow learners and advanced learners in the class. Tutorial classes are arranged within the routine to mentor the slow learners and also facilitate their interactions with the advanced learners. This fosters positive fellow feelings and also enables the weaker students to approach their classmates and teachers alike. Besides if any student approach the teachers with personal problems which they feel shy to discuss in an open classroom/atmosphere, teachers take special care in dealing with such cases and offer suggestions maintaining confidentiality. Separate records are maintained in these regards. Informal discussions encouraging the students to take part in quizzes, extempore etc. are also occasionally organized within classrooms by Departmental teachers to increase the grasp on factual information and prepare the students for one mark questions in their final semester examinations. In this way they can also develop the power of better expression of their views. Parent teachers' meets form an integral part of students' mentoring as the teachers update the guardians about the progress of their wards and draw their attention to individual cases. Students are mentored in value education through inspirational lectures, motivational talks, social and gender awareness programs. They are encouraged to participate in these programs as audience as well as volunteers, in organizing those. Students are also mentored in extracurricular activities by proficient teachers in events like Youth Parliament Competitions, Science Fairs, debating, quizzing, theater and sports. The cultural activities observed on college campus also fortifies the student- teachers' tie, as the latter guide them in their concerts and skills.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2106	81	1:26

## 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
103	68	19	1	28

### 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	Nil	Assistant Professor	Nil
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	Honours	Part I	11/07/2018	10/08/2018
BA	Honours	Part II	11/07/2018	10/08/2018
BA	Honours	Part III	29/05/2018	07/06/2018

BSc	Honours	Part I	11/07/2018	10/08/2018
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Formal continuous Internal Evaluation (CIE) System being an essential part of the Choice Based Credit system (CBCS) has been introduced in this institution from the year 2017. On this ground we are at a pre-mature state to initiate and implement reforms in this regard. However to enhance the quality assessment and further improve the mechanism of internal examination and evaluation, the formation of a formal think tank consisting of senior teachers and Heads of the Departments of the Institution, is highly on the agenda.

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

A well designed academic calendar is prepared by the IQAC in consultation with the Head of the institution, depicting the year round activities of the institution. Adhering to this master calendar, every department is given the freedom to frame their separate academic schedules. The calendar includes: Explicit break-up of the syllabus Number of classes allotted for each paper Time schedule for tutorial and special classes Probable dates of class tests, College tests and University examinations List of holidays and vacations With regard to teaching plans, each department prepares their individual lesson plans which are then communicated to the students. The Sanskrit, History, Bengali and Zoology departments conduct student projects as part of their PG curriculum sticking to the norms of the calendar. Evaluation Blue prints structured by the affiliating university is sent to the college and it has to be followed by the respective departments of the college. The detailed break up of marks, question pattern, probable date of examinations are likewise communicated to the students at the beginning of the academic session. Slight variation to this pattern is intimated to the students well in advance. The institution with the departments working as pivotal units concerned with the academics, tries to keep up to the academic calendar to the possible limits of its feasibility.

## 2.6 – Student Performance and Learning Outcomes

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

<https://abnscollege.org/departmental-outcomesd41d.html>

### 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
UG (Hons)	BA	Bengali	44	44	100
UG(Hons)	BA	English	37	35	94.6
UG(Hons)	BA	Sanskrit	25	25	100
UG(Hons)	BA	Philosophy	14	13	92.9
UG(Hons)	BA	Political Science	23	21	91.3
UG(Hons)	BA	History	43	39	90.7
UG(Hons)	BA	Economics	5	5	100

UG (Hons)	BA	Geography	24	24	100
UG (Hons)	BSc	Physics	16	16	100
UG (Hons)	BSc	Mathematics	22	22	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://abnscollege.org/studentsatisfactionsurveyseventeeneighteend41d.html>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	730	UGC	4.2	1.1

No file uploaded.

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Nil	Nil	30/06/2018

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	N/A	N/A	30/06/2018	N/A

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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
0	N/A	N/A	N/A	N/A	30/06/2018

No file uploaded.

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
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)
International	Chemistry	5	3.45
International	Mathematics	22	2.39
International	Zoology	3	1.6
International	Physiology	4	2.5
International	Botany	2	0.36
International	Physics	1	1.39
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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
Geography	1
Zoology	1
Philosophy	3
Sanskrit	2
Bengali	3
History	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
Cu-water nanofluid flow induced by a vertical stretching sheet in presence of a magnetic field with convective heat transfer	Dr. Kalidas Das	Propulsion and Power Research	2017	4	Department of Mathematics, A.B.N.Seal College, Cooch Behar	4
Presence of different shapes of ZrO <sub>2</sub> nanoparticles in the melting heat	Md Tausif Sk	The European Physical Journal Plus	2017	6	Department of Mathematics, A.B.N.Seal College, Cooch Behar	5

transfer of a Casson flow						
Presence of different shapes of ZrO <sub>2</sub> nanoparticles in the melting heat transfer of a Casson flow	Md Tausif Sk	The European Physical Journal Plus	2017	6	Department of Mathematics, A.B.N.Seal College, Cooch Behar	5
Sodium fluoride adversely affects ovarian development and reproduction in <i>Drosophila melanogaster</i>	Dr. Prem Rajak	Chemosphere	2017	12	Department of Zoology, A.B.N.Seal College, Cooch Behar	9
Perimidine based selective colorimetric and fluorescent turn-on chemosensor of aqueous Cu: studies on its antioxidant property along with its interaction with calf thymus-DNA	Dr. Arijit Chakraborty	RSC Advances	2017	26	Department of Chemistry, A.B.N.Seal College, Cooch Behar	24
Micropolar nanofluid flow over an stretching sheet with chemical	Dr. Kalidas Das	International Journal of Applied and Computational Mathematics	2017	11	Department of Mathematics, A.B.N.Seal College, Cooch Behar	11

reaction						
Cattaneo-Christov intensity of magnetised upper-convected Maxwell nanofluid flow over an inclined stretching sheet: a generalised Fourier and Ficks perspective	Dr. Kalidas Das	International Journal of Mechanical Sciences	2017	56	Department of Mathematics, A.B.N.Seal College, Cooch Behar	56
Fabrication of active and passive controls of nanoparticles of unsteady nanofluid flow from a spinning body using HPM	Dr. Kalidas Das	The European Physical Journal Plus	2017	24	Department of Mathematics, A.B.N.Seal College, Cooch Behar	24

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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
Carbohydrate Derived Organogelators and the Corresponding Functional Gels Developed in Recent Time	Dr. Arijit Chakraborty	Gels	2018	7	11	Department of Chemistry, A.B.N.Seal College, Cooch Behar
Coumarin based azo dyes as anion	Dr. Arijit Chakraborty	Indian Journal of Chemistry -Section A	2018	123	14	Department of Chemistry,

sensors: A spectrophotometric study						A.B.N.Seal College, Cooch Behar
Synthesis and photophysical investigation of 2-hydroxyquinoline-3-carbaldehyde: AIEE phenomenon, fluoride optical sensing and BSA interaction study	Dr. Arijit Chakraborty	Journal of Photochemistry and Photobiology A: Chemistry	2018	158	2	Department of Chemistry, A.B.N.Seal College, Cooch Behar
A pyrene based fluorescent turn on chemosensor for detection of Cu <sup>2+</sup> ions with antioxidant nature	Dr. Arijit Chakraborty	Journal of Luminescence	2018	115	19	Department of Chemistry, A.B.N.Seal College, Cooch Behar
Framing the features of a Darcy-Forchheimer nanofluid flow past a Riga plate with chemical reaction by HPM	Dr. Kalidas Das	The European Physical Journal Plus	2018	59	1	Department of Mathematics, A.B.N.Seal College, Cooch Behar
Influence of Variable Fluid Properties on Nanofluid Flow over a Wedge	Dr. Kalidas Das	Arabian Journal for Science Engineering	2018	43	25	Department of Mathematics, A.B.N.Seal College, Cooch Behar

with Surface Slip						A.B.N.Seal College, Cooch Behar
Framing the Cattaneo-Christov heat flux Phenomena on CNT-based Maxwell Nanofluid along stretching sheet with multiple slips	Dr. Kalidas Das Dr. Kalidas Das Dr. Kalidas Das	Arabian Journal for Science Engineering	2018	43	17	Department of Mathematics, A.B.N.Seal College, Cooch Behar Department of Mathematics, A.B.N.Seal College, Cooch Behar
Rotating flow of carbon nanotube over a stretching surface in the presence of magnetic field: A comparative study	Dr. Kalidas Das	Applied Nanoscience	2018	55	22	Department of Mathematics, A.B.N.Seal College, Cooch Behar Department of Mathematics, A.B.N.Seal College, Cooch Behar
Outlining the impact of second-order slip and multiple convective condition on nanofluid flow: a new statistical layout	Dr. Kalidas Das	Canadian Journal of Physics	2018	57	26	Department of Mathematics, A.B.N.Seal College, Cooch Behar Department of Mathematics, A.B.N.Seal College, Cooch Behar
Sodium fluoride adversely affects ovarian development and reproduction in	Dr. Prem Rajak	Chemosphere	2017	248	9	Department of Zoology, A.B.N.Seal College, Cooch Behar



Drosophila melanogaster.					
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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	2	48	Nil	Nil
Presented papers	2	33	6	Nil
Resource persons	Nil	5	1	Nil
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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
Celebration of Aranya Diwas	NSS Unit, A. B. N. Seal College	3	32
Cleaning of the College Campus	NSS Unit, A. B. N. Seal College	2	28
Tree Plantation Drive	NCC Unit, A. B. N. Seal College	4	75
Independence Day Celebration on 15th August, 2017	NCC Unit, A. B. N. Seal College	7	158
World AIDS Day Awareness Programme on 1st November, 2017	NCC Unit, A. B. N. Seal College	3	68
NCC Day Celebration on 29th November, 2017	NCC Unit, A. B. N. Seal College	1	82
Republic Day Celebration on 26th January, 2018	NCC Unit, A. B. N. Seal College	2	150
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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
N/A	N/A	N/A	Nil
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
N/A	N/A	N/A	Nil	Nil
No file uploaded.				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
N/A	0	N/A	0
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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
N/A	N/A	N/A	01/07/2017	30/06/2018	0
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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
N/A	30/06/2018	N/A	Nil
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
38	38

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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## 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Partially	3.14	2015

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	66975	12105940	752	293848	67727	12399788
Reference Books	4417	2286090	171	106152	4588	2392242
CD & Video	83	6020	10	Nil	93	6020
Library Automation	4086	Nil	483	Nil	4569	Nil
Weeding (hard & soft)	41	1460	Nil	Nil	41	1460

[View File](#)

### 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
N/A	N/A	N/A	30/06/2018

No file uploaded.

## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	84	1	18	0	0	6	57	3	21
Added	1	0	0	0	0	1	0	0	0
Total	85	1	18	0	0	7	57	3	21

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

3 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
N/A	Nil

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
20	20	15	15

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)

Procedures for maintaining physical facilities: It is needless to say that the college is more than 130 years old, following its date of birth that is 15th of June, 1888. In the course of this time, there have built and developed a notable number of physical facilities/infrastructure on the main campus and off campus of the college. All these bulk of physical facilities /infrastructure of the college has been going on very much carefully under the supervision of the Department of Higher Education, Govt. of West Bengal through the PWD, DTE Social Sector, Cooch Behar Division, West Bengal. (Details of maintenance of physical facilities is mentioned in college website) Procedures for utilizing physical facilities: Every aspect of the college infrastructure and physical facilities are utilized up to an optimum level under the able guardianship of the Head of the Institution whereby teachers, non-teaching staff give their best to make the best possible utilization of the existing prized physical advantages. (Details of utilization is mentioned in a tabular form in college website). Procedures for maintaining academic facilities: Academic facilities include both the physical part and the human part. The maintenance procedure of the physical part has already been discussed in the earlier section. However the maintenance of the human part inclusive of both teaching and non-teaching sections is been done appropriately by the Directorate and Department of Higher Education, Govt. of West Bengal through fresh recruitment and transfers, this being a government institution. (Details of maintenance of academic facilities is mentioned in college website) Procedures for utilizing academic facilities: The utilization procedure of the physical part have already been discussed in the earlier section. The procedure of utilizing the teaching section of the Human part of the academic support facility is executed through the formulation of appropriate routines for teaching, learning, examination and other likely activities. At the same time, they are also included as members in various subcommittees under Teachers' Council and Administrative subcommittees of the college. (Details of utilization is mentioned in college website) The procedure of utilizing the non-teaching section of the Human part of the academic support facility is executed through the existing norm of the West Bengal govt. for govt.colleges. According to these norms, this section has been performing all the official activities relating to the teaching section of the college, for example, joining of the teachers, release of the teachers on transfer, Service Book preparation and so on. (Details of utilization is mentioned in college website) The procedure for maintaining the support facilities are detailed below point wise: Laboratory: Laboratory facility is mostly maintained by the fund extended by the Department of Higher Education ever year. Library: The library is also maintained in the same way as the laboratories. Sports complex: The maintenance of sports complex and other open grounds for different sports and game purposes along with open cultural functions etc.is done mostly out of the non-government fund. Computers: Computer facility is mostly maintained by the fund extended by the Department of Higher Education.

[https://abnscollege.org/userfiles/file/procedures\\_and\\_policies.pdf](https://abnscollege.org/userfiles/file/procedures_and_policies.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	k2,uttaar kanya, labour fund	578	8200000
Financial Support from Other Sources			
a) National	SWMM,Minority,Post matric	1590	9105000
b)International	nil	Nil	0
<a href="#">View File</a>			

#### 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
Nil	30/06/2018	Nil	NA
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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 passedin the comp. exam	Number of studentsp placed
2018	N/A	Nil	Nil	Nil	Nil
No file uploaded.					

#### 5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	7

### 5.2 – Student Progression

#### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Rice Foundation, Anudip Foundation, ICA	40	30	N/A	Nil	Nil
<a href="#">View File</a>					

### 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
2018	1	B.A.	ECONOMICS	UNIVERSITY	M.A.
2018	15	B.A.	ENGLISH	UNIVERSITY	M.A.
2018	20	B.A.	GEOGRAPHY	UNIVERSITY	M.A.
2018	15	B.A.	HISTORY	UNIVERSITY	M.A.
2018	10	B.A.	PHILOSOPHY	UNIVERSITY	M.A.
2018	15	B.A.	POLITICAL SCIENCE	UNIVERSITY	M.A.
2018	22	B.A.	SANSKRIT	UNIVERSITY	M.A.
2018	13	B.SC	BOTANY	UNIVERSITY	M.SC
2018	10	B.SC	CHEMISTRY	UNIVERSITY	M.SC
2018	12	B.SC	MATHEMATICS	UNIVERSITY	M.SC

[View File](#)

### 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	1
No file uploaded.	

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

Activity	Level	Number of Participants
Inter-college Badminton championship	Inter-college	7
Inter-college Teble-tennis	Inter-college	5
Observation of Womens Day	Institutional	98
Celebration of Basanta Utsav	Institutional	121
Krishti 2017	Institutional	262
Annual Sports 2018	Institutional	127
Observation of International Mothers Tongue Day	Institutional	163

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## 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for	Number of awards for	Student ID number	Name of the student
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			Sports	Cultural		
2017	Inter College Badminton (Men) Champion	National	2	Nil	Not collected	Nabendu Sain Samrat Noor Alam
2018	Inter College Badminton (women) Champion	National	2	Nil	Not Collected	Sutapa Paul & Prajnamita Sarkar
2017	Inter College Volleyball (men) Man of the Match	National	1	Nil	Not Collected	Sagnik Deb
2018	Cultural Meet	National	Nil	5	Not Collected	Not collected
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

An elected body of the Students Union) is present within the college to look after student matters under the supervision of the institute. A student from the final year functions as the General Secretary. He is helped by several class representatives. Under the ambit of this forum, students are encouraged to be a part of the decision-making process supporting a democratic form of governance. One member from the Council is included in the IQAC, to represent the student body in college academic and administrative affairs. The general activities of the Student Council include: 1) Facilitating the student admission process. 2) Looking after student-related matters and reporting their grievances to the higher authority. 3) Organization of the Annual athletic sports together with the Convener of the Sports sub-committee of the college. 4) The organisation of various religious and cultural programmes such as Freshers Welcome programmes, Annual Social, Saraswati Puja, etc. 5) Participation in various extension activities of the college along with the NSS, such as taking part in various relief programmes and charitable activities are part of regular affairs of the Students Council. 6) Publication of an Annual magazine 'Mayukh' containing commendable write-ups by students is also another contribution of the Students Council.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institution has a registered Alumni Association by the name Acharya Brojendra Nath Seal College Alumni Association (ABNSCAA) with registration number-S/M No. 4403 of 2016-17.

5.4.2 – No. of enrolled Alumni:

20

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

500

#### 5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association offers prize money for the students who score good results in university examinations. Alumni members help the institution in developmental avenues to every possible extent. They are regularly invited to interact with the teachers and students. They come and share their expertise from various fields like government, Law, academia, corporate world, startups, etc. Notable Activities performed in the year: 1. Contributions via performances in the cultural programme and sports

### 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)

First example The concrete form of this decentralised management has started in the year 1970 when the Govt. of West Bengal Education Department, Appointment Branch has issued a letter vide Memo no: 4188-Edn(A)/A-51-2/70, date: Calcutta, the 26th November, 1970. The implementation of this order/letter at this college in that year has set in, the proper decentralised management. Activities of every academic year are mostly performed by the subcommittees formed under the Teachers' Council. The number of these subcommittees varies time to time in relation to the activity /work load or paths innovated for the better management of the college. Number of such committees was 40 during last academic session. It is mentionable here that the orbit of these subcommittees also has a sister committee that of 'Non-Teaching Staff sub-committee'. This sub-committee has been formed according to the recommendation of the NAAC visit Cycle I held in the year 2007. This subcommittee has been functioning in the context of better office management. This is also an administrative subcommittee although this is solely formed by the non-teaching employees of the college. Participative management in the college: There are some other activities run by the college in every academic/ financial/ calendar year which are not within the purview of the Teacher's Council and College administration in the strict sense of the term. In these cases some other types of management has recently been grown up. In such cases management is activated through the formation of committees including the stakeholders -teachers, on-teaching employees, representatives of the students, Alumni Association, Part -Time teachers , Teaching cum Learning Assistants and so on. The examples of such management for the year 2017-2018 are as follows: Example 1: Participative management for the year 2017-2018 is the management of KRISHTI- Annual day, held on 3rd September every year. The Organising committee of this activity has been used to be formed in an All-Wing Meeting where the afore stated stakeholders are invited. From amongst them, the Organising Committee for KRISHTI is formed every year. Example 2: Formation of the Women's Cell according to its norms of formation prescribed by the competent authority (UGC) in every academic /calendar year. Women's Cell is formed taking into consideration of the participation of some external members as Women Advocates etc

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
Curriculum Development	There exists one way to contribute in the curriculum development. This



process is through the discussion and exchange of valuable suggestions and views in the meetings organised by the Under-graduate and Post-graduate Board of Studies. A notable number of teachers, at least one from each of the department are invited to hold the position as members of Board of Studies who attend meetings whenever invited and provide suggestions based on student's feedback regarding change or modification of the curricula.

Research and Development

Research activities are encouraged in the institute among the teachers and students through various means such as by writing and publishing analytical articles, columns, in various magazines and journals. Besides editing and authoring research oriented books, launching Minor and Major Research projects by/for teachers are also encouraged. Various types of development activities such as infrastructural, socio-cultural, intellectual etc. are executed through communication with respective government departments for fund management and utilisation,

Library, ICT and Physical Infrastructure / Instrumentation

The central library utilises the grant amount in buying books and journals as per the requisition. The books from central library following proper methods are also taken by departmental libraries to make the accession of books easy for the students. Library has undertaken the digitalised process of cataloging. The Institutional Library is well connected with the consortium of Indian libraries INFLIBNET. The database is managed partially by KOHA software. Besides every department houses a handful of books in departmental libraries. The Institute has a number of computers with smart class rooms. There is a dedicated seminar room with high dependability acoustics.

Human Resource Management

The College and its employees are under the direct administrative control of Dept. of Higher Education, Govt. of West Bengal. There is a dedicated portal termed IFMS (Integrated Financial Management System) for management of various academic and service related affairs of the employees.

<p>Admission of Students</p>	<p>The students are admitted on the basis of Merit and it is carried out completely online to ensure transparency. An admission committee comprising of Faculty members supervise the entire admission process, in compliance with the regulations laid down by the higher authorities. A notification is usually published on the website ahead of date of submission of online forms. This usually commences within one week of publication of Class 12 results by all major educational boards across India.</p>
<p>Examination and Evaluation</p>	<p>University Examinations are conducted as per the regulations made by the affiliated University, so the college does not have much to adopt in this regard but to arrange the examination process in such a manner so that exams are conducted peacefully. But with regard to internal class tests, the departments are given full freedom to conduct tests and evaluate the student's performance. Since Choice based Credit system is adopted, so student's performance are assessed and evaluated all the year round.</p>
<p>Teaching and Learning</p>	<p>i) Formation of master routine. The departments try at its best to adhere to this class routine. ii) Each departmental head discusses the syllabus with fellow colleagues and makes an appropriate distribution of the syllabi plans laboratory practical classes, organises occasional class tests as part of continuous evaluation of students throughout the year. The weak points of students are identified and accordingly remedial measures are adopted. iii) Departmental Heads keeps regular vigilance on the portions of syllabi covered. Results of various internal examinations are discussed department wise to evolve better strategies for teaching. iv) Seminars and special lectures are arranged.</p>

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

E-governance area	Details
<p>Student Admission and Support</p>	<p>UG and PG admission related all activities are performed through Egovernance system, since its very beginning with the admission related advertisement on website. This is followed according to the strict</p>

directives of Ministry of Higher Education and at present the system have become remarkably efficient. Student support related all information are displayed through this system. The support namely the processing of scholarship forms, and its submission to the competent authority are done through this system. Again University related support activities such as registration, Form Fill up, Admit card collection, Review and Reassessment of the results along with others are also executed through the E-governance system.

Examination

University examination related activities such as Registration, Form Fill up, Admit card collection, Submission of Internal marks to the university, Review and Reassessment of the results along with others are seemed to materialise through the Egovernance system. Thus it is seen that E-governance system is applied /implemented in every field of the college activity as far as possible and feasible. This is due to the ongoing movement of the country on one hand and the college administration on the other but some areas are yet to be included under this system. This is not due to the unwillingness of the authority but due to lack of time and resources. It is expected that E-governance will cover all the activities of the college as soon as possible, leaving those areas which are not possible to be covered under it.

Planning and Development

Presently there remains a College Planning and Development Subcommittee in this college. This is an administrative sub-committee. This subcommittee every year edits the condition of physical infrastructure of the college inclusive of college building etc. and accordingly prepares thrust area(s) of planning for the development, in the ongoing financial year. After identification of the thrust area the college the cost estimate for the execution of that planned development from PW, DTE (Social Sector) of the dist. Cooch Behar. After availing that, this committee sends the budget to the Higher Education Deptt. for requisite fund, within April-October 08, every year. This process of

communication with the Higher Education Department is primarily based upon the E-governance system, and after that the Hard line system is also followed for displaying various documents. Thus in this case E-governance is implemented to some extent.

Administration

College administration related activities of the college(inclusive of Library administration to some extent) may be divide broadly into two categories:Internal and External. a) Internal activities mainly encompasses the display of the college related various information. b) The displaying of various activities related circulation of notices time to time. c) Other non-financial activities inclusive of admission etc. The activities mentioned in paragraphs (a,b,c) are done on the basis of e-governance system. College related every information is displayed through college website. All the notices are circulated through the E-governance App. system. Other activities such as Service Book Updatation, Pay Fixation, Teacher's Performance Appraisal, Admission process (UG and PG) and etc. as directed by the Higher Education Department and Directorate, are performed on the basis of E-governance system. External activities are broadly divide into two categories: a) Receiving of the letters/Orders from the Higher Education Department. Feedback relating to the Orders and Letters along with reply of the time to time queries asked, of the said authority about the college or in a word additively both( a)and (b) means ,the communication with the higher authority. All types of communication with the higher authority whatever be its category are made through E-governance system and sometimes Hard Line system is also followed,if required. Thus the college administration has been going on following E-governance system.

Finance and Accounts

All types of said financial activities inclusive of non-governmental fund to some extent are done through E-governance system. In this context, elaborately the area of E-governance are Monthly Billing Process, Purchase of furniture, chemicals and

glassware, equipment, books and journals out of govt. fund, financial transaction with the affiliating University, collection of student fees and some other related transaction are made through E-governance system. In the case of accounting both E-governance and hard system are followed.

### 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
<b>No Data Entered/Not Applicable !!!</b>				
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)
2018	N/A	N/A	01/06/2017	31/07/2018	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
orientation Programme	1	17/07/2017	13/08/2017	28
Refresher Course	1	30/01/2018	19/02/2018	21
Refresher Course	1	03/03/2018	23/03/2018	21
Short Term Course	1	11/07/2017	17/07/2017	7
orientation Programme	1	02/08/2017	29/08/2017	21
Refresher Course	1	02/01/2018	24/01/2018	21
Short Term Course	1	21/11/2017	27/11/2017	7

Refresher Course	2	01/03/2018	21/03/2018	21
Refresher Course	1	06/11/2017	26/11/2017	21
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

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

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
56	5	2106

**6.4 – Financial Management and Resource Mobilization**

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

The college makes every attempt to ensure internal and external auditing of the funds received by the college from various governmental and non-governmental sources. Internal audit is performed by the Registered Chartered Accountant firm with the assistance of Internal Audit and Accounts Assessment subcommittee after which the utilisation certificate is prepared for being sent to the funding agencies. The External Audit is carried out time in time, at 5 years interval. This task is performed by the auditors assigned by the Office of the Accountant General, West Bengal in communicating with the Directorate and Department of Higher Education, West Bengal.

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
N/A	0	N/A
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6.4.3 – Total corpus fund generated

0
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**6.5 – Internal Quality Assurance System**

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

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

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

The Institute believes in maintaining a vivacious relationship between teachers and parents that goes a long way in the development of mutual trust between an organization and its stakeholders. Keeping this in mind the Institute has come up with a registered Parent-Teacher Association (in Trust form) with No.

IV-195. Below are some of the activities enthusiastically performed by this association- • Organization of Parent-teacher meetings by the association is an integral and regular part. That helps in getting composite feedback from Stakeholders. Parents are invited for discussion of their wards' performance in three specific areas a) attendance b) responsiveness and interactions in class c) performance in examinations. • Along with that, their views on the overall academic ambience of the Institution and infrastructural support are also discussed. • Likewise the parents have made significant contribution in maintaining teaching -learning staff of the college, as well as several seminars, symposia and memorial lectures have been sponsored partly by them. Moreover their contribution in some of the developmental works of the college are also noteworthy. PTA funded two national level seminars were held. Departmental Memorial Lectures also funded by this association.

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

Nil

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

Further Beautification of college campus with new gardens and plantation.  
Addition of various medicinal plants in the medicinal plant garden.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Orientation of newly admitted students	01/08/2017	01/08/2017	01/08/2017	558
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Celebration of World Womens Day	14/03/2018	14/03/2018	78	26
Exhibition on books and visual art on gender related themes	16/03/2018	17/03/2018	116	107

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

The institution being located close to the Terai regions of West Bengal, ensures an eco-friendly ambience. Besides the college campus gets glorified by large gardens at different corners and sites, where seasonal flowers are planted adding to beautification aspects. Besides, there exists a separate subcommittee to take care of animals and birds not only found within the college campus but also in surrounding areas. The institution is extremely conscious of energy conservation. As such switching off lights, fans, and other electronic appliances, when not in use, is sensitized among students with the help of posters. Besides solar panels are also installed in the college campus to utilize natural sources of energy consumption.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	6
Rest Rooms	Yes	5

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	Nil	Nil	30/06/2018	Nil	N/A	N/A	Nil
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
As per West Bengal Service Rule Part I II	01/01/2017	All concerned addressee have started to follow the norms, rules and regulations as mentioned.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	01/07/2017	30/06/2018	Nil
No file uploaded.			

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

Regular pruning and cleaning of gardens, big trees, medicinal plant garden, etc. Erection of new gardens in front of the administrative building and its subsequent beautification. Replacement of old light bulbs with power-efficient electrical accessories. Establishment of some solar panels for external lighting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices



To organize two National seminars under the following titles: 1. Science and Mankind- A better tomorrow held on 22nd-23 February 2018 by the Faculty of Arts, Humanities, and Social Sciences in collaboration with IGNOU. 2. Approaches to Environment: Society, Culture, Polity, and Economy held on 26th -27th February 2018 in collaboration with IGNOU and Acharya Brojendra Nath Seal Parent-Teacher Association. Publication of U.G.C enlisted academic journals where teachers of the institution and from outside colleges as well as scholars from different arenas got an opportunity to publish their scholarly articles. Memorial lectures are organized throughout the year by various departments.

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

[https://abnscollege.org/userfiles/file/Institutional\\_Best\\_Practice\\_2017-2018.pdf](https://abnscollege.org/userfiles/file/Institutional_Best_Practice_2017-2018.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

Alike the sister academic institutions of the nation and the world as a whole, this Acharya Brojendra Nath Seal College has also its own mission and vision. Its vision is as follows: ‘‘to create socially responsible people with academic excellence by blending traditional values of education with modernity’’. A critical look of this vision clearly discloses that it has three parts or areas: • To create socially responsible people • To create academically excellent citizens • To create citizens who do possess the blend of traditional values of education with modernity All these dimensions /areas are more or less interrelated. The college authority remains careful about realising the vision and takes care of developing the students in an all-around way. For this, the college thinks that besides building the academic career of the students, making them socially responsible is also part of its responsibility. Accordingly, it is used to model its activities for materialising this distinctive area of its vision. The activities are demonstrated in the following lines: ? The students are made aware of the incidents taking place in the surroundings as well as in the state of their residence. Accordingly, whenever there is any disaster occurring, the students gather information about the nature of occurrence and accordingly try to their every possible means, to extend hands of help. ? To arrange field trips/study tours for making the students aware of the society, polity, environment, surrounding their habitat. The students through these field trips gather information about these areas and their habitat. ? To organise various cultural activities namely Annual Day (KRISTI) etc. for developing the cultural traits of the students. Through these activities, not only do their inherent talents get exposed, they also get an opportunity to come in close contact with the legendary local or regional artists, get to involve themselves more socially with them, thus making possible an inevitable cultural exchange. ? To organise sports and games events for the development of the physical traits of the students. Through these activities, the students get an opportunity to mix, interact with sports persons , guides from other colleges, learn the tactics of games, and thereby make themselves in a way socially responsible by being actively involved in sports and allied activities. ? To organise other allied programmes such as Yoga training, special lecture sessions on Value Education, Vocational Training, Professional ethics etc. for the best possible level of social and cultural development of students. The above discussed activities have deep seated outcome for the students of this college. These outcomes are of two types:1) Temporal outcome 2) Inter-temporal outcome. ? The Temporal outcome is that the students of this college are seen to make most, the best performance in the Cultural activities. ? They get morally and ethically upgraded so that

understanding the pathos of people around and extending a philanthropic hand becomes easier for the students. The Inter-temporal outcome is that the students of this college evolve as future leaders and social activists.

Provide the weblink of the institution

<https://abnscollege.org/distinctive-initiatives-2017-2018.html>

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

The following plans are adopted for the next year: 1. Teaching staff needs to be strengthened for the morning section. 2. Establishment of the Department of Education. 3. The college would do the needful to get successfully registered as a RUSA beneficiary. 4. Efforts would be initiated to participate in the NIRF. 5. ICT initiative needs to be strengthened. 6. A library project assistant would be employed.