

SELF STUDY REPORT
FOR
CYCLE - II ACCREDITATION 2016
OF
ACHARYA BROJENDRA NATH SEAL COLLEGE
(Formerly VICTORIA COLLEGE)



AFFILIATED
TO
THE UNIVERSITY OF NORTH BENGAL
&
COOCH BEHAR PANCHANAN BARMA UNIVERSITY

Submitted
to
National Assessment and Accreditation Council (NAAC)
(An Autonomous Institution of the University Grants Commission)
P.O. Box No 1075
Nagarabhavi
Bangalore - 560 072



ACHARYA BROJENDRA NATH SEAL (1864-1938)







GOVERNMENT OF WEST BENGAL
OFFICER OF THE PRINCIPAL
A.B.N.SEAL COLLEGE, COOCHBEHAR
TEL:03582-226112, E-mail: info@abnscollege.org
Website: http://abnsealcollege.org

Memo No. 516/16

Date: 28/07/2016

To
The Director,
National Assessment and Accreditation Council (NAAC),
P. O. Box No. 1075,
Nagarabhavi,
Bangalore – 560 072

Sub: Uploading of the Self Study Report (SSR) of A. B. N. Seal College, Cooch Behar for the Second Cycle of NAAC accreditation in the Institutional Website

Sir/Madam,

This is for your kind information that we are uploading the Self Study Report of our Institution for the Second Cycle of NAAC accreditation of A. B. N. Seal College, Cooch Behar on our institutional website www.abnscollege.org. We are sending the Letter of Intent (LoI) online very soon.

Many thanks and regards.

Yours sincerely,


(Dr. BIMAL KUMAR SAHA)

Officer-in-Charge

A B N Seal College, Cooch Behar



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CERTIFICATE OF COMPLIANCE

This is to certify that A B N Seal College, Cooch Behar fulfils all norms:

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body such as UGC, AICTE, MCI, DCI, BCI etc.
3. The affiliation and recognition are valid as on date

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation/or recognition by the Regulatory Council as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also vouched that the undertaking given to NAAC will be displayed on the College website.


(Dr. BIMAL KUMAR SAHA)

Officer-in-Charge

A B N Seal College, Cooch Behar

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PREFACE

The Holy Birth

The Nineteenth Century is a remarkable century in the history of Modern India. In this century, the Indian people became enlightened with the western process of realization. Breaking the tradition to some extent, they gave effort to design their life according to the western culture especially in the field of education. Tradition bound native system of education was replaced by the western system of schooling at the school, college and university levels throughout the country. Although Cooch Behar was a princely state, it was not out of such type of motivation. Revered Prince (Maharaja) Nripendra Narayan Bhup Bahadur acclimatized with the western culture, took initiative to establish a 'First Class College' in the state at the then state capital *Koch Bihar* presently known as Cooch Behar for educating and introducing the Western mode of thinking among the people of his state and the surrounding areas of undivided India. For materializing this part of *Rajdharm* i.e. divine duties of the King, parent-like and enthusiastic His Highness proposed to the State Council in the year 1886 to take necessary actions for establishing the referred College. The State Council rejected this proposal in the meeting of 22nd January, 1887. But in the meeting of 25th March 1887, the proposal was reconsidered and accepted. As a consequence, on 15th June, 1888 the desired College of His Highness was "born" and it was named by His Highness "Victoria College" as a mark of reverence and loyalty towards Queen Victoria, the then Empress of India. On the auspicious occasion for celebrating the birth centenary in the year 1969 of the world renowned Philosopher –Principal Acharya Brojendra Nath Seal (b.1864), Victoria College was renamed Acharya Brojendra Nath Seal College for the commemoration of his Principalship in this College extending from March, 1896 to May, 1913. From the year 1888 to this day, Acharya Brojendra Nath Seal College has travelled 128 years through a radiant path of its own.

Campuses and Buildings

This College was established at the eastern bank of the holy pond *Bairagi Dighi* in the central place of the state capital sometimes referred to as *City of Beauty* following feeling and expression of the famous nature-lover novelist Shri Bibhuti Bhushan Bandyopadhyay for this place. The premises comprised two buildings constructed in perfect European fashion by the famous British civil construction company, Messers Merryliyar & Edwards initiall for accommodating its European workers who arrived from their mother land to Cooch Behar in connection to the erection of Cooch Behar Princely/Royal palace. At the end of the construction of the palace, they left the place after selling these two buildings to the Cooch Behar princely government in lieu of Rs.20, 000/- only. These two buildings were offered by His Highness for sowing the seed of the Institution. In these two buildings, this organization

spent the first phase of its infant stage up to the year 1896. In the year 1897, a terrible earth quake mostly demolished these two buildings. The activity of the second part of the budding stage of the College had run since then to 1906 in the balconies, passages and courtyards of the royal palace. The childhood of the College virtually started since the year 1907. In that year, the College shifted to the present campus with the construction of the present heritage building at the expense of an amount between Rs. 60,000/- and Rs. 70,000/- . This building housed both the administrative and academic wings of the College. The crowd of boys and girls desirous of pursuing education in this institution became lumpier in course of time. This encouraging situation and over time changes in the syllabi and course curricula, inspired His Highness Maharaja Nripendra Narayan Bhup Bahadur and his successors along with the princely government to enhance the number of seats. For this, a corrugated tin-shaded building, now known as *Acharya Brojendra Nath Seal Bhavan*, was constructed for the departments of Philosophy, Political Science, English, and Physical Education along with a Gymnasium. *Bikshan*, *Shatavisha*, *Ankur*, *Prakriti* and *Maharaja Nripendra Narayan Bhavan* were erected subsequently to provide more space to the departments of Chemistry, Physiology, Physics, Mathematics, Botany, Zoology, Economics, Geography, Sanskrit, Bengali and History. Besides, *Shatabhisha* houses the study centre of IGNOU on its top floor; *Acharya Brojendra Nath Seal Bhavan/Block* gives accommodation to Burdwan University Distance Education Centre, Central Instrumentation Centre, NAAC office etc.. Maharaja Nripendra Narayan Bhavan also accommodates Women's Cell, lecture theatres of Botany Department, Publication and Published Material Distribution Sub-committee Cell and a part of Museum. *Manan* is the library building. Among these buildings *Shatavisha* was erected in connection with the birth centenary celebration of the Acharya and Maharaja Nripendra Narayan Bhavan in connection with the 125th birth celebration of the College. For accommodating boys and girl students, *Maharaja Nripendra Narayan Memorial Boys' Hostel* and *Sister Nivedita Girls' Hostel* were built in the vicinity. Required premises for teachers' common room, boys' and girls' common rooms, teacher-students' canteen, namely, *Kalaswar*, teachers' residences were developed in the College campus and off campuses, namely, *Bani Bhavan*, *Antara* and *Torsha*. Also there are two plots of vacant land under the possession of this College. One is located in the southern side of M.J.N. Road adjacent to Rash Mela Maidan and known as Rash Mela Maidan Campus. The other is situated on the southern bank of Bairagi Dighi, named as Utkarsha Bhavan. Relevant premises for Students' Union, Students' Health Unit and quarters for accommodation of the non-teaching staff exist in the College campus. The room dedicated to the Students' Union is named *Suhrid*. Apart from these, well developed play grounds and garden, namely, *Labanya* along with important flower and fruit bearing trees and beautifying bushes, are also maintained within the main campus of the College and its off-campus properties in a well planned manner. Thus in the heart of the busy town of Cooch Behar, Acharya Brojendra Nath Seal College and its off-

campus properties have been showing its royal elegant presence over time being encircled with secure boundary walls and beautified high rise gates.

Departments, Courses, Affiliating Universities, and Time

The prospect of the development of educational opportunities in this College during the long period of time since the inception in the year 1888, is closely linked with the changes in the educational policies framed by the universities under the authority of pre- and post-independent governments. Though this College was established as a first class under-graduate College, it extended the scope to the post-graduate levels. In earlier days, there was only one stream i.e. Arts or Humanities. It is to be noted in this context on the basis of the evidences of the oral history that, there existed the scope for being lawyer from this College. However, the Science stream was introduced many years after its establishment. With the change in educational policy the scope for pursuing post-graduate level of education was abolished here in due course of time. It became a College for imparting intermediate and general under-graduate levels of education in Arts and Science. Over time, with changes of syllabi, courses and curricula of the affiliating University, under-graduate Major/ Honours courses were introduced in different subjects under both streams. Currently the College imparts Honours level education in 14 subjects, namely, Sanskrit, Bengali, English, Philosophy, History, Political Science, Economics, Geography, Mathematics, Physics, Chemistry, Zoology, Botany and Physiology. For utilising the existing tangible and intangible resources and satisfying the local needs for the vertical expansion of higher education in the best possible manner, this organization imparts post-graduate level of education in Sanskrit, Bengali, History and Zoology. Thus, this College has now become a centre for post-graduate studies to some extent. For horizontal expansion in the decade of sixties of last century, a gigantic morning shift of the College was opened for extending general under-graduate level of education in both Arts and Science disciplines. Since 1991, it has been providing man-power and space to *Indira Gandhi National Open University* in the form of a study centre of the latter. The study centre at present serves a notable number of interested persons of local and even beyond local areas for securing certificate, diploma and UG and PG degrees in various courses of vocational and general subjects. In the year 2013, a study centre of the Burdwan University for imparting PG degrees to interested persons through distance mode of learning was inaugurated in the College campus. For creating social bent of mind among the students and skill regarding defence, the College has set up the NSS and NCC units respectively. For a long time these two units have been working successfully. Upto 1962 since the birth, this College functioned under the affiliation of the University of Calcutta. During the period between the years 1962 and 2013, it was under the affiliation of the University of North Bengal. At present, it is an affiliated College of Cooch Behar Panchanan Barma University. Such a change of the affiliating universities is due to the creation of new universities for reaching the goal of Government policy to extend the scope for post-graduate education and

research from centre to periphery as far as possible through the setting up of new universities and creation of new educational jurisdiction thereupon.

Publication, Research, Seminars and other Extension Activities

It is needless to say that there remains a strong culture of composition and publication of the creative writings in the Royal court of Cooch Behar. The Maharajas of Cooch Behar were remarkable scholars especially in the fields of Bengali and Sanskrit literatures. They always preferred to be surrounded by the poets, laureates and scholars of various fields. With the setting up of the College, this culture acquired a new dimension. Since the very early days of the College, writing and publishing scholarly articles in English through the College journal had been its prominent culture. But times did not allow it to continue for a long stretch of life of the College. In 2007, this practice was revived. The Arts departments since that year have been publishing regularly a peer-reviewed bi-lingual journal in the name of *Victorian Journal of Arts* twice in a year. The Science departments since then have been publishing regularly a peer-reviewed journal in English, namely, *B.N. Seal Journal of Science* once in a year. Apart from these, the College publishes some other types of materials: (i) *Samay*, the annual report of the College, (ii) *Mayukh*, the magazine of the Students' Union Council, (iii) Departmental Wall magazines. Teachers of the College contribute scholarly articles in the national and international level journals, edited books etc. Some of them have also exclusive authorship in the publication of books upon research work and creative writings of their own. An increase of the opportunity in this respect as created of late by the University Grants Commission has inspired the teachers to devote themselves to the research activities through the launching of UGC-funded research projects. The inspiration of UGC through the extension of fund for arranging seminars has also activated the teachers of this College to arrange national level seminars. As a result, seminars/symposia/workshops/conferences are the common phenomena in this College. With a view to creating reading habits through the purchase of books among students mini book fairs are arranged as and when possible. In order to create awareness among students, in-house book exhibitions are arranged by the central library of the College off and on. North Bengal and North-East Regional Cultural Museum and Research Centre was established in the year 2011. In this centre, the collections of the artifacts relevant to the life of the people of North Bengal and North East region of India are preserved. This centre exhibits all those to develop awareness about the same, among the students and people of wider society. Women's Cell of the College tries to develop awareness regarding various gender-related issues by organizing lectures, seminars, micro-surveys etc. For extending the lessons among the students of weaker sections in a simple and affable fashion for their better performance in the examination, Remedial Coaching Sub-committee arranges remedial classes. Entry into Service Cell, NET/SET Sub-committee and Placement Cell execute the career and job market related activities in the interest of the student community. The College is not only involved in implementing courses, curricula etc. but also

devotes time to bringing variety in the College life through the arrangements of different festivals. Annual Day Celebration on 3rd September, College Social, *Banamohotsav* and Environment Day organized by NSS unit, International Women's Day and *Basanta Utsav* organized by the Women's Cell, and Annual Sports are mentionable in this context. Aside from these, College observes the Independence Day and the Republic Day, hosts Inter-College/Intra-University games/sports and athletic meets and provides space for the concerned district level authorities to arrange events like district level and regional level Youth Parliament Programme and Science Fair.

Principals, Teachers and Alumni

During its 128 years long life, 39 persons occupied the chair of the Principals/Officer-in-Charges of the College. Professor J.D. Godley was the first Principal. He served this institution from 1888 to 1889. At the end of his tenure, two other Europeans, namely, Prof. Wood and Prof. Delafosse also served this post. Acharya Brojendra Nath Seal, who served this post from the year 1896 to 1913, was the first Indian to be the Principal of this College. The Acharya was the brightest among the Principals of this College in terms of his manifold contributions in the field of knowledge, polity, economy and the society. Many renowned teachers served this College from the day of its foundation. Among them are teachers like Prof. Saroj Gupta of Sanskrit, Prof. Debendra Kumar Ghosh of Bengali, Prof. Joy Krishna Sen of English, Prof. Jogesh Chandra Sinha Roy of Philosophy and Prof. Rajat Prosad Niyogi of Mathematics. During this stated long period of time, this organization gave birth to notable alumni, well established in their fields of activities. In this context the names of Rai Saheb Panchanan Barma, Pulin Behari Das, Abbasuddin Ahmed, Souren Bhattacharya, and Ramen Bhattacharya, among others, are noteworthy.

College with Time and Being

The foregoing description of this more-than-century-old Acharya Brojendra Nath Seal College, erstwhile Victoria College, amply reveals its ability to adapt to the changing times. For this flexibility, it has not become a stagnant entity. In these days of globalization, it responds fittingly to the recent additions and alterations in the method of imparting courses/curricula/syllabi and management of the Institute as well. No wonder this College could achieve CGPA of 2.89 on 4 point scale at B+ grade from the first NAAC peer team in the year 2008. And it acquires the title of *Centre with Potential for Excellence* in 2009. The College has not, however, been contented with these achievements. It has become more and more flexible and dynamic in tune with the changing world. One observes here the intensive and extensive applications of e-technologies nowadays in every wings of the College. In spite of such flexibility, the College does not forget the traditions and values of our age old civilization. Every socio-educational occasion, discussions and activities are explicitly and implicitly executed for making the students aware of the said traditions and values. This

encourages us to hope strongly for the growth and development of this College in every aspect of its life by overcoming the degenerative forces upto the termination of this *Kalpa*, *Sveta baraha Kalpa*.



Officer-in-Charge in His Chamber

न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ।

तं स्वयं योगसिद्धः कालेनात्मनि विन्दति ॥७८॥

श्रद्धावानलभते ज्ञानं तत्परः संयतेन्द्रियः ।

ज्ञानं लब्धा परां शान्तिमचिरेणाधि गच्छति ॥७९॥

अज्ञश्चाश्रद्धधानश्च संशयात्मा विनश्यति ।

नायं लोकोऽस्ति न परो न सुखं संशयात्मनः ॥८०॥

ज्ञानयोग, श्रीमद् भगवद्गीता

न हि ज्ञानेन सदृशं पवित्रमिह विद्यते।

तत्स्वयं योगसंसिद्धः कालेनात्मनि विन्दति॥4.38॥

श्रद्धावाँल्लभते ज्ञानं तत्परः संयतेन्द्रियः।

ज्ञानं लब्ध्वा परां शान्तिमचिरेणाधिगच्छति॥4.39॥

अज्ञश्चाश्रद्धधानश्च संशयात्मा विनश्यति।

नायं लोकोऽस्ति न परो न सुखं संशयात्मनः॥4.40॥

ग्यानयोग, श्रीमद् भागवत गीता

Na hi gyanena sadrishan pabitramiha bidyate.

Tat swaying yoga sansiddha kalenaatmani bindti..4.38..

Shradhyabana labhate gyanang tatpara sangatendriya.

Gyanang labdha parang santimachirenadhigachhyati..4.39..

Agynashcha shraddadhanashcha sanshyatmana binashyati.

Nayang lokohasti naparo nasukhang sanshyatnana..4.40..

Gyanjog, Shrimadbhagabat Gita

Officer-in-Charge
ABN Seal College, Cooch Behar

PART - A

EXECUTIVE SUMMARY

Acharya Brojendra Nath Seal College, formerly Victoria College, was established on 15th June, 1888 under the initiative of His Highness Maharaja Nripendra Narayan Bhup Bahadur of Cooch Behar. Presently this College is under the direct supervision of the Department and Directorate of Higher Education, Govt. of West Bengal. Having crossed a glowing life-span of 128 years, it became accredited in the year 2008 with a CGPA of 2.89 on a four point Scale at B grade by the *National Assessment and Accreditation Council* (NAAC) for the first time. In the year 2010, this College acquired the coveted status of a College with *Centre with Potential for Excellence* (CPE) by UGC. It is a great pleasure to present this **Self Study Report** for re-assessment and re-accreditation of the College by the National Assessment and Accreditation Council. This has provided the time and space to measure the magnitude of the strength, efficacy and effectiveness and also to find out the weakness and shortcomings along with the opportunities and challenges of the Institution. A summarized presentation of this Self Study Report is given through the following titled paragraphs:

Brief View about the Institutional and Departmental Profiles

The main campus of this Co-education College is located at the central place of the Cooch Behar District town, beside the prestigious Jenkins School. Currently the College has two sections: Morning and Day. The former offers UG general course of studies under Arts, Pure Science and Bio-science while the later offers UG Honours and Post-graduate courses in Arts and Science.

Criterion I: Curricular Aspects

The Vision and Mission of the College is total development of personality among its learners, enabling them to adapt successfully and contribute to this wide ranging and competitive world. Aiming to equip them with traditional life sustaining values, it also imparts the best qualities of modernity to create impartial, non-racist citizens with the aim of universal brotherhood. To this end, the Institution adopts the best possible measures for implement of curriculum, such as regular class lectures, audio-visual aid and utilization of e-resources, keeping in tune with the changing patterns of the syllabi as designed by the affiliating

University(s). An effective update of its teaching resources and feedback system ensures that the students achieved an optimal level of learning.

Criterion II: Teaching-learning and Evaluation

For qualitative impartment of lessons, the departments of the College follow an updated teaching-learning process as desired in these days. The teachers of this Institution are themselves updated regularly through seminars, national and international journals and undertaking of research works (independent, collaborative etc.). At the same time, they publish their findings in National/ International level in-house and out-house journals.

At the beginning of each academic session, the stakeholders are made well aware about the pros and cons of internal and University process/ examination through prospectus, departmental verbal interactions and other supplementary means. After each internal evaluation/ examination, remedial measures are suggested for improvement. For making the evaluative process more scientific and updated, essential suggestions are provided by the College through its faculty members incorporated in the Board of Studies of the universities at the time of meetings.

Criterion III: Research, Consultancy and Extension

The Institute attempts to maintain an atmosphere of research culture among its faculty members in the form of funded research projects, organization of national/ international seminars, workshops, conferences, memorial lectures by eminent scholars and guidance to research scholars. Research is carried out solely out of funds allocated by the state govt. and UGC. The Institute encourages researchers through publication of their research papers in *Victorian Journal of Arts* and *B.N. Seal Journal of Science*.

The Institute has attempted to develop consultancy service in the form of extension of service through its faculty members to the newly created institutes in the neighbouring area on an honorary basis. The college is involved, furthermore, in extension activities like NSS, Academic Book Fair etc. organized by the library and various departments. In order to discharge its social responsibilities it has formed various types of cells such as a Women's Cell following *Bishakha* guidelines. Regarding the aspect of collaboration, it may be

mentioned that a few faculty members are carrying out research activities in collaboration with other institutes lying within this national boundary.

Criterion IV: Infrastructure and Learning Resources

The College has adequate infrastructural facilities for pursuing curricular and extra-curricular activities. Besides the attribution of different block, the various faculties and administrative departments, it has infrastructural facilities for performing co-curricular activities such as indoor and out door sports, football and cricket tournament etc. The College also provides hostel facilities for both boys and girls. The Institute also houses a Grievance Redressal Cell.

One of the remarkable assets of the College is the library also known as A.B.N. Seal College Central Library placed in the building *Manan*. This library contains more than seventy thousand books, of which a notable numbers are out of print and rarely available. Besides, it contains a number of national and international journals on various streams. It also has up to date reading facilities i.e. N-List journals, e-books and so on.

In respect of IT infrastructure, this College occupies a significant position. Various kinds of these updated infrastructures are installed mostly in all the departments and wings/cells/units of the College. For its maintenance and upkeep, a remarkable amount of funds is spent throughout the year by the College which it receives from the authorities. The maintenance of housing and other infrastructures of the College are dealt by the College authority with the assistance of relevant sub-committee/cell inclusive of IQAC.

Criterion V: Student Support and Progression

The Institute strongly feels that activities related to student support and progression is the part and parcel of its duties. And before admission accordingly the College informs the applicants about the various aspects of the Institute (both academic and administrative) through the College prospectus. After admission they are informed through the Holiday List and Academic Calendar. Student support is ensured through hostel facility and implementation of suggestions arising out of joint meetings with respective sub-committees, IQAC and Students' Union Council.

The Institute extends financial support to deserving SC/ST, backward class and physically disabled students including girl students deserving scholarships under *Kanyashree*

Prakalpa of Govt. of West Bengal. It also extends academic support to students of weaker sections in the form of Remedial coaching. Besides, it has in its provision a number of welfare means such as Students Health Home Scheme, a cheap canteen, Grievance Redressal Cell, Entry-in-Services Sub-committee, a fully functioning Students' Union and an Anti-Ragging Cell. Also there is a Women's Cell for monitoring gender issues.

Criterion VI: Governance, Leadership and Management

The century-old College has a noble mission and vision which is to generate human resource combining the best of traditional values with modernity. To fulfil this vision, appropriate administrative steps under suitable leadership are undertaken. The top management, i.e. the Principal and faculty members play a important role in designing and implementation of its policy and plans in close involvement with various wings such as office and students. To this end, joint meetings are held with the different wings/units, sub-committees, alumni, Teachers' Council. From this process of involvement emerge policy statements aimed at creating the highest quality human resource which in turn are implemented by the management through IQAC by preparing suitable academic calendar, suitable routine, arranging programmes for time to time faculty improvement and so on. Always the top management maintains a close interaction with the various stakeholders regarding the formulation and implementation of policies. In this context, various sub-committees of Teachers' council, Library, NSS and NCC have an immense role to play. There is also a dynamic interaction between parents and teachers at the departmental level where the parents are made aware of their wards' progress. Feedback forms are distributed to final year undergraduate students by the IQAC which are subsequently analyzed for evaluation of infrastructural facilities of the College and also the teachers of respective departments. Students are encouraged to take part in various co-curricular and extra-curricular activities which in turn develop their leadership and managerial skills.

Criterion VII: Innovations and Best Practices

The College is very much conscious about the environmental conditions of the campus and its surrounding areas. For preservation of suitable environment it makes arrangement for the green audit and takes eco-friendly measures for energy conservation, use of renewable

energy, for developing water harvesting system, carbon neutrality, plantation, hazardous waste management and e-waste management. The College does not limit its activity here. Different departments and wings always attempt to innovate. This is manifested in the publication of “Focus”, introduction of Communicative Sanskrit course in the Department of Sanskrit, initiation of News Reading Sessions to create student awareness about local, regional, national and international news along with others.

The College has recently developed a number of Best Practices, notable among which are Career Oriented and Interdisciplinary courses, Establishment of *Parashar Udvaid Udyan*, Publication of Academic Journals, Arrangement of Departmental Memorial lectures and students’ seminars, Natural conservation of Wild Bio Diversity, Academic Book Fair.

Strength, Weakness, Opportunities, Challenges and Actions undertaken after NAAC Accreditation, Cycle-I in the Year 2008

Nothing is absolute in this world. Nothing is perfect in this world. Every entity is the composition of perfections and imperfections, strength and weaknesses, opportunities and challenges. The more-than-century-old Acharya Brojendra Nath Seal College has some inbuilt strengths and weaknesses originated throughout its course of life. In the context of strengths major examples are grooming of notable alumnae, creation of well facilitated condition of higher studies upon various streams in this remotest corner of the nation and so on. These referred strengths and others attribute it a leadership position in the academic world of the concerned region. The major weaknesses of this Institution are, for example, the unmanageable vast campus, deficiency of teaching and non-teaching staff and others. These weaknesses reduce the Institutions regenerative forces to some extent. Notwithstanding that this organization has a number of opportunities viz. sufficient landed properties for the enhancement of infrastructure, vertical and horizontal expansion of the departments, enhancement of different kinds of research activities and etc. Along with others the main challenge of this One Hundred Twenty Eight years old Institution is to remove all of its shortcomings simultaneously with best possible utilization of the opportunities and thereby to become the citadel of knowledge and culture not only regionally but also nationally and internationally. As a move for becoming such a citadel, the institutional authority has taken positive and remarkable actions upon the recommendations by the NAAC Peer Team during

Accreditation, Cycle-I. Apart from these, the Institution has also taken some other sustainable and viable initiatives not only during the years from 2008-09 to 2014-15 but also up till now. From all these it can strongly be hoped that Acharya Brojendra Nath Seal College will be the citadel within a short course of time in future.

SWOC ANALYSIS

In this mortal world no entity can claim the position of the Absolute. No one can reach the perfection like the Absolute or the Omniscient which is called in the Vedas “*Brahman*”. Everyone being the part of the Absolute belongs to some level of both perfections and imperfections, regenerative and degenerative forces or in other words strength and weakness. One hundred twenty eight year-old Acharya Brojendra Nath Seal College is no exception. In the following sections, deliberations are made about these along with the opportunities within and challenges in front of it for searching out the path of raising the level of its perfection.

Strength

- A.B.N. Seal College has immense pleasure in recalling the achievements of being a pioneer Institution for promoting higher education amongst millions in the remotest North Eastern part of West Bengal. In the past years successive generations of students passed out from the College creating a new vista of wisdom. Students from this College have not only made a mark in the field of academics but have also fared well in the world of administration, literature, dramatic performance and so on. In this regard mention must be made of Rai Saheb Panchanan Barma, the famous Social Reformer, Pulin Behari Das, Revolutionary in pre-independent India, Upendranath Barma, the famous Politician and Literateur, Shirshendu Mukhopadhyay, the well known Author and Abbasuddin, the well known Singer, Runu Guha Niyogi the well known Administrator and so on.
- Since the College is situated at the prime location of the Cooch Behar city, at the district head quarters, it gets railway, road networks and airport within its approachable proximity. It can also easily access the bank, district library, hospital, administrative offices, post-office, stadium etc. whenever required.
- Being a prestigious and oldest Govt. College across North Bengal, the institute earns the confidence of a huge population regarding academic standard, creating a positive ambience. The cost of education is low as compared to other non-government Colleges. Though free studentship measures do not exist in the College presently, in the year 2010-11, in one of the meetings of College Development and Planning Sub-Committee, a proposal was passed by which a “Welfare Fund” was created for the sake of weaker section of students.

For the future economic/financial protection of the lives of these students, the College ensures the life of each student for a period of 3 /5 years under the relevant scheme of Life Insurance Corporation of India.

- The College records good academic results with consistency. Many students have topped in the University merit list and thereby added feather to the honour of the College since its establishment. Students' achievements in game, sports and other cultural activities at district and state-level are also worth mentioning. It is our pleasant privilege to mention in this regard that one of the students of A.B.N. Seal College was selected as the best athlete in the inter-government College athletic meet in 2009-10.
- Dedicated teaching as well as non-teaching staff work towards the sustenance of institutional goodwill. Being an eminent academic Institution in the North Bengal and North-Eastern Region of the country, the College has drawn immense attention of its affiliating universities.
- PG Courses in the departments of Bengali, Sanskrit and Zoology exist for a long time. In addition to these, PG course in History has been introduced in the year 2010 after the last NAAC Peer Team visit in the Year 2008. Consequently this has improved participation in research work by the teachers and students. Peer-reviewed papers get published in both national and international journals bearing testimony to the contribution of Institution in the field of higher education. A notable number of faculty members are seen to undertake UGC, ICSSR, ICHR etc. funded research projects either individually or in collaboration with universities/premier institutions. This research climate adds more to the glory of the College.
- Publication of *B.N. Seal Journal of Science* and *The Victorian Journal of Arts* is a regular event in the College. Research articles contributed by faculty members of the College and outside find place in these. These promote the research culture in the College and traditionally sensitize research environment.
- Adoption and implementation of updated technologies in the form of computerization of admission process, office administration, accounting, some aspects of library, as well as in the departmental activities have been gaining momentum. Wi-Fi has also been installed for making the internet facility easily available in the Principal's Chamber, teachers' common room and its vicinity. Thus this adds more to the resourcefulness of the College staff. Many

departments have begun to use over-head and LCD projectors for catering to the needs of the present teaching-learning methods. Access to internet facility through broadband connection is available in many departments and the teachers of these departments are using these facilities very meaningfully for academic purposes. There are generators supplying power on occasional power failure.

- The laboratories in the science departments are well equipped with instruments suited to meet the demands of the UG and PG students of this College. There are usually more than one set up/ arrangement for one particular experiment. The stores of these departments contain items which always supplement any emergency need arising during the course of study/experiment in more than one way. The state government and UGC grants are more or less regular to enrich the laboratories.
- The College library is itself an abode of knowledge - a house of many rare books collected/preserved from past centuries in both Science and Arts. This library contains a collection of 70045 books. Such a collection in a College library is a rarity for a College in this region. Of this rich collection current publications of all the disciplines comprise notable part. The College boasts of a valuable store house of old records and documents which are preserved in the College Archive and *North Bengal and North Eastern Research and Cultural Museum*. A.B.N. Seal College has a mentionable wealth, that is, A.B.N. *Seal College Alumni Association* (A.B.N.S.C.A.A.), a body which has taken keen interest in every activity of the College and has extended its support for the betterment of the Institution and its learners. The members come up with the College welfare ideas and improvement notions, sometimes even coming forward with financial aids whenever required. Rai Saheb Panchanan Barma the famous educationist and social reformer, Pulin Behari Das, revolutionary of pre-independent India, Sri Sukh Bilas Barma, IAS and famous Bhawaiya singers were students of this Institution. Noted politicians like Late Kamal Kanti Guha, Dinesh Chandra Dakua belong to this fraternity.
- Social and humanitarian outreach initiatives through laudable N.S.S. activities add glory to the College. In addition to it, the College provides the platform of training to NCC cadres and thereby inculcates an integral attitude towards life.

- The College is gifted with a spacious pollution free campus surrounded by lush green environment and trees like Banyan, Gulmohar, Willow fig, Mango etc. Houses of different blocks in the College campus are devoted to a bunch of departments. The Administrative Building designated as 'Heritage Building' by the Government of West Bengal, is situated at the centre of the College. There are three extended residential (to be renovated) campuses, namely, *Bani Bhavan*, *Antara* and *Torsha* within fair distance from the College campus. For holding seminars, symposiums etc., the College has one furnished, air-conditioned seminar hall as well as a traditional seminar gallery with modern technological supports. There is an open-air stage constructed for addressing a big gathering on special occasions like College Annual Day and College Social etc.
- The advantage of having spacious campus has gifted the College with two playgrounds of considerable sizes which is rarely to be found in any other urban institutions in today's scenario. Volleyball and Badminton courts are also there in a part of the ground. By courtesy of the Forest Department of West Bengal Government, the College enjoys the presence of a well maintained garden: *Labanya*.
- The Science and Society division of the College established a green house, a medicinal plant garden and a shaded net-house to conserve the bio-diversity of the hilly areas of *Tarai* and plains of North Bengal. In addition to this, a rainwater harvesting unit has been established in 2014 adjacent to the Central Library Building to utilize the precipitated water more efficiently.
- Maharaja Nripendra Narayan Memorial Boys' Hostel and Sister Nivedita Girls' Hostel are the integral part of the College. These provide accommodation to the students from distant neighbouring areas of North Bengal and Assam. The hostels develop community feeling and social consciousness in these budding minds.
- The College has its own Health Care Centre/Unit which conducts routine checkup of the students of this College time to time by a part-time doctor deputed by CMOH, Cooch Behar. Furthermore, the College is attached with the Students Health Home of the district in the matters of extending clinical facilities to the students. In addition to this, Sugar test, Blood group testing, measurement of Blood pressure, height and weight measurements are done under the supervision of the Department of Physiology.

- The College is gifted with a separate Gymnasium.
- Students of the College and the teachers travelling from long distances can probably get refreshed by the beverages and sumptuous lunch served in the College Canteen, *Kalaswar*.
- At times opportunity for field study is also provided by the College.
- All teaching and non-teaching staff of A.B.N. Seal College is assured of health insurance aspects through their coverage under cashless West Bengal Health Scheme whenever opted for.
- This Heritage College has assimilated the modern features of preparing students for their bright and prospective career beyond their College days by extending advice and training through Entry-into-Services Cell and UGC NET–SET sub-committee.
- Indira Gandhi National Open University and Burdwan University Distance Education Study Centres have been established in the years 1993 and 2013 respectively within the College campus. These two Centres cater to the needs of the students who are interested in vocational training courses, value-added and career-oriented learning programmes and also opting for general academic degrees through distance mode.
- The relationship between two primary pillars of the Institution, the teachers and the students, adds to the congenial atmosphere in the College sharing cordial bonding between them.
- Teaching as well as non-teaching staff extend their full support for the amelioration of the Institution.
- The morning section of the College extends opportunity to increase intake capacity of students thereby providing them a scope of receiving education under the aegis of this pioneer education.

Weakness

- Since this is a Government Institution, the College is not in a position to freely generate funds on its own for pursuing the major developmental activities of the College. Deficiency of requisite number of office staff makes official procedure slow to some extent. Year-wise data keeping is also hampered by this predicament. Teaching staff have to perform

a lot of non- academic activities to ensure the smooth running of the Institution. This affects teaching-learning and research environment to some extent. Vacancies in the post of Librarian and non-teaching staff hamper the operations of library activities beyond normal College hours.

- Some of our buildings are too old to be furnished with modern electronic gadgets. Geographically it is partially connected to the *Tarai*. Therefore humidity and heavy rainfall is an obstruction to normal functioning of the College especially during the rainy season which accelerates the damaging of the age-old constructions, books and electronic equipments.
- As the institute lacks academic autonomy at UG and PG levels, its contribution in curriculum designing and modification is negligible.
- The College does not have an auditorium though the plan has been already sanctioned by the authority and is implemented to some extent but not completed due to the lack of funds.
- From one angle, the spacious campus is certainly an advantage but from security point of view this advantage sometimes becomes a disadvantage. Although a few close-circuit cameras have been installed but those are not sufficient for keeping a watchful eye in every nook and corner. Scarcity of sufficient number of security personnel hampers provisions of ample vigilance within the College premises.
- Due to the lack of adequate tele-communication and digital Local Area Network (LAN), maintaining inter-departmental communication is sometimes difficult.
- A.B.N. Seal College is yet to have a Psychological Counseling Cell where students and teachers can approach in times of need.
- Library automation is yet not completed.

Opportunity

- Formation of in-house, inter-disciplinary and external academic linkage through collaborative projects and research activities could be enhanced in course of time.
- The College library maintains institutional membership through subscription of N-LIST programme of UGC-INFONET to promote routine academic activities and research work. This measure should be enhanced further.

- Horizontal and vertical expansion of the facilities within the departments with increased support from the State Government and other bodies (Alumni Association, Parent-Teacher Association etc.) will attract brilliant students for enrolment in the College. Introduction of new post-graduate courses will also facilitate this.
- Extension activities under the umbrella of NSS are already in progress. But the areas of activities can be expanded further.
- Class room teaching and tutorial classes could be supplemented through internet access to articles, problem sets put in blog spots by the teachers.
- The College has still unutilized /fallow landed assets which can be utilized for more infrastructural development.
- With the inauguration of a new academic block, implementation of smart class rooms is highly on agenda.
- Another library building with all modern facilities, guest house, hostel amenities, and quarters for teaching and non-teaching staff are to come up soon in the unutilized land areas.
- Process for opening a new Department i.e. Department of Statistics at Under-graduate level has already been initiated.

Challenges

- The primary challenge the College faces today is to retain and reflect the unique heritage of the College in its curricular and co-curricular activities. At the same time, the Institution is gearing itself towards the future, with a vision to encompass emerging disciplines and areas in higher education thereby creating global academic ambience.
- Teaching is incomplete without supplementing research. Research enhances the quality of teaching and involving students in research activity is a potential method of enabling them to understand the truth and reality of the subject. A significant number of teachers are actively involved in conducting research works and also publishing their original research articles in reputed journals and books. It is a challenge of the College to create a research centre of high repute both for the Science and Humanities.
- Maintenance of an in-house database covering the administration, staff and students of the College is one thing that has to come up in near future. This could be effected through the functioning of the IQAC of the College.

- Academic planning for UG and PG levels is entirely dependent on North Bengal University and Cooch Behar Panchanan Barma University respectively although the universities welcome suggestions.
- Upgradation of status and more autonomy will require for structural and statutory changes. The development of a perspective plan for a longer period with short term sub-plans is dependent on the State Government policy as the College is entirely guided by the state government rules and regulations pertaining to recruitment of staff, income and expenditure. The State Government, however, welcomes proposal for development.
- During the last NAAC visit, though the peer team has advised to provide training in Communicative English to all but till date no such training could have been provided. So it remains a challenge even today.
- The academic performance of the students is good, yet there remains further scope for improvement. The challenge is to retain and enhance the quality of performance.

The College looks forward to a bright future, overcoming the challenges through small little ways and thereby tries to create the possibility of unfolding new vistas for all the members of the family of its own.

PART - B

PROFILE OF THE INSTITUTION

1. Name and Address of the College:

Name:	ACHARYA BROJENDRA NATH SEAL COLLEGE
Address:	City: Cooch Behar, Pin: 736101, State: West Bengal
Website:	www.abnscollge.org

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Bimal Kumar Saha	O:03582-226112 R:03582-263402	+919474540386 +91801643256	03582-226112	sahabk59@gmail.com cobabnsealcollege@gmail.com naacabnsc2016@gmail.com
Steering Committee Jt. Coordinator(s)	Smt. Shampa Dutta,	O:03582-226112	+919433166691	03582-226112	duttashampa2007@rediffmail.com
	Dr. Srijit Das &		+918900657718		icsrijit77@gmail.com
	Dr. Dibyatana Dasgupta		+918981723158		dibyatana@yahoo.in

3. Status of the Institution:

Affiliated College	√
Constituent College	
Any other (specify)	

4. Type of Institution:

a. By Gender

i. For Men	
ii. For Women	
iii. Co-education	√

b. By Shift

i. Morning	√
ii. Day	√
iii. Evening	

5. Is it a recognized minority institution?

Yes	
No	√

If yes, specify the minority status (Religious/linguistic/any other) and provide documentary evidence.

6. Sources of funding:

Government	√
Grant-in aid	
Self-financing	
Any other	

7. a. Date of establishment of the College: 15/06/1888

b. University to which the College is affiliated/or which governs the College: (If it is a constituent College): Previously the College was fully affiliated to the University of North Bengal. However, since 2013 PG affiliation started under the Cooch Behar Panchanan Barma University. Recently the UG affiliation has also started under the Cooch Behar Panchanan Barma University since the 2015-16 academic session.

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i.2(f)	1956	Since inception of UGC Act
ii.12(B)	1972	-

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.): Nil

8. Does the affiliating University Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated Colleges?

Yes No

If yes, has the College applied for availing the autonomous status?*

Yes No

At present, there exists no scheme for autonomy in favour of a Government College.

9. Is the College recognized?

a. By UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: 15/10/2010

b. For its performance by any other governmental agency?

Yes No

If yes, Name of the agency:

Date of recognition:

10. Location of the campus and area in sq.m:

Location*	Urban
Campus area in sq.m.	53689.64 sq.m.
Built up area in sq.m	35802.53 sq.m.

(*Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities: A part of Centenary

Building

- Sports facilities

Playground

Swimming pool

Gymnasium

- Hostel

Boys' hostel

i. Number of hostels: One

ii. Number of Inmates: UG- 60 PG – 8

iii Facilities (Mention available facilities): Indoor (carom, chess, table tennis) and Outdoor games (volley ball, football, cricket, badminton), Library cum Reading room, Television with cable connection, 24 hours running water, water purifier, First-aid kit.

Girls' hostel

i. Number of hostels: One

ii. Number of Inmates: UG- 31 PG – 5

iii Facilities (Mention available facilities): Indoor games (carom, chess), Outdoor games (badminton) Television with cable connection, 24 hours running water, water purifier, First-aid kit.

Working women's hostel: N.A.

M. Number of inmates

ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available—cadre wise): 1 for Principal, 3 for teachers and 1 for non-teaching staff

- Cafeteria —

- Health care unit –

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance: The College has a tie-up with the Students' Health Home, Cooch Behar.

Health centre staff: Nil.

Qualified doctor: Fulltime Part-time
 Qualified Nurse: Fulltime Part-time

- Facilities like banking, post office, book shops
- Transport facilities to cater to the needs of students and staff
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage
- Solid waste management facility
- Waste water management
- Water harvesting

12. Details of programmes offered by the College (Give data for current (2015-2016) academic year)

Table 1

Programme Level	Name of the Programme/ Course	Duration (years)	Entry Qualification	Medium of instruction	Sanctioned/ approved students strength	No. of students admitted
<i>Under Graduate</i>						
	Bengali(H)	3	10+2	Bengali	50	43
	English(H)	3	10+2	English	50	47
	Economics(H)	3	10+2	English/ Bengali	42	05
	Sanskrit(H)	3	10+2	Bengali	50	45
	Geography (H)	3	10+2	English / Bengali	30	27
	History(H)	3	10+2	English/ Bengali	50	34
	Philosophy(H)	3	10+2	English/ Bengali	42	12
	Pol. Sc.(H)	3	10+2	English/ Bengali	42	26
	Botany(H)	3	10+2	English	30	21
	Chemistry(H)	3	10+2	English	30	14
	Mathematics (H)	3	10+2	English	36	32

	Physics(H)	3	10+2	English	30	21
	Physiology (H)	3	10+2	English	26	13
	Zoology (H)	3	10+2	English	30	16
	B. A. (G)	3	10+2	English/ Bengali	201	84
	B. Sc. Pure Sc. (G)	3	10+2	English/ Bengali	114	36
	B. Sc. Bio Sc. (G)	3	10+2	English/ Bengali	42	18
<i>Post Graduate</i>						
	M. A. in Bengali	2	B.A(H)	Bengali	28	24
	M. A. in History	2	B.A(H)	English/ Bengali	28	24
	M. A. in Sanskrit	2	B.A(H)	Bengali	28	24
	M. Sc. In Zoology	2	B.Sc.(H)	English	24	22
<i>Distance</i>						
Burdwan University	PG Course	2	B.A.	Bengali/ English	-	244
IGNOU	UG Course		10+2	English / Hindi	-	512
	PG Course		B.A./B.Sc.	English / Hindi	-	168

13. Does the College offer self-financed Programmes?

Yes

No

If yes, how many? NA

14. New programmes introduced in the College during the last five years if any?

Yes

No

Number

* P. G. in History

* U. G. in Physiology

15. List the departments respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes.

Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.): N.A.

Faculty	Departments	UG	PG	Research
Science	Botany, Chemistry, Mathematics, Physics, Physiology, Zoology	Botany, Chemistry, Mathematics, Physics, Physiology, Zoology	Zoology	
Arts	Economics, English, Bengali, History, Philosophy, Political Science, Sanskrit	Economics, English, Bengali, History, Philosophy, Political Science, Sanskrit	Bengali, History, Sanskrit	
Commerce	N.A.	-	-	
Any Other (Specify)	-	-	-	

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com.)

a. annual system 14

b. semester system 4

c. trimester system

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

18. Does the College offer UG and/or PG programmes in Teacher Education?

Yes

No

If yes,

a. Year of Introduction of the programme(s).....(dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:.....

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme.

Yes No

19. Does the College offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s).....(dd/mm/yyyy) and number of batches that completed the programme:

b. NCTE recognition details (if applicable)

Notification No.:.....

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately

Yes No

20. Number of teaching and non-teaching positions in the Institution:

Table 2 (a)

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	Associate Professor*	Assistant Professor		
Permanent:	W B S E S		W B E S		
Sanctioned by the UGC/University/ State Government	8	-	86	67	-
Recruited	0	15	54	Gr. B =4 Gr. C = 4 Gr. D =36 Hostel Staff =9	-
Yet to recruit	8	-	17	14	-

*Associate professor is a promotional post

Table 2(b)

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
Part-time:	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/University/ State Government										
Recruited					07	09				
Yet to recruit										

*M-Male *F-Female

Though there is no sanctioned post for part-time teachers in this College, 16 part-time teachers and 12 guest faculties are appointed on regular yearly approval by the Government.

21. Qualifications of the teaching staff:

Table 3

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt	NIL	NIL					
Ph.D	NIL	NIL	6	0	17	4	27
M.Phil.	NIL	NIL	4	1	3	4	12
PG	NIL	NIL	2	0	18	18	38
Part-time teachers							
Ph.D	NIL	NIL			2	5	7
M.Phil.	NIL	NIL				1	1
PG	NIL	NIL			7	13	20

22. Number of Visiting Faculty/Guest Faculty engaged with the College:

23. Furnish the number of the students admitted to the College during the last four academic years:

Table 4

Categories	Year1 2015- 16		Year 2 2014 – 15		Year3 2013 – 14		Year4 2012-13	
	Male	Female	Male	Female	Male	Female	Male	Female
<i>UG</i>								
SC	131	179	190	165	222	164	201	177
ST	19	09	22	11	21	14	22	13
OBC	20	09	23	12	23	13	26	12
General & Others	556	485	624	465	718	576	695	568
<i>PG</i>								
SC	15	14	29	14	20	16	13	08
ST	0	01	0	01	0	02	02	02
OBC	01	04	04	04	03	06	03	07
General & Others	31	28	25	23	25	23	25	28

24. Details on students enrollment in the College during the current academic year:

Table 5

Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same state where the College is located	1704	189	NA	NA	1893
Students from other states of India	06	02	NA	NA	08
NRI students	Nil	Nil	NA	NA	
Foreign students	Nil	Nil	NA	NA	
Total	1710	191	NA	NA	1901

25. Drop out rate in UG and PG (average of the last two batches):UG PG **26. Unit Cost of Education:**

(Unit cost=total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component

(b) Excluding the salary component

27. Does the College offer any programme/s in distance education mode (DEP)?Yes No

If yes,

a. Is it a registered centre for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration

BURDWAN UNIVERSITY, IGNOU

c) Number of programmes offered

1. BURDWAN UNIVERSITY -5 PG Programmes

2. IGNOU – 6 UG Programmes, 8 PG Programmes, 3 Diploma, 4 PG Diploma, 6 Certificate course

NA

d) Programmes carry the recognition of the Distance Education Council

Yes

No

28. Provide Teacher-student ratio for each of the programme/course offered

Table 6

Programme Level	Name of the Programme/Course	Student Teacher Ratio
UG	Bengali(H)	6:1
	English(H)	30:1
	Economics(H)	5:2
	Sanskrit(H)	17:1
	Geography (H)	12:1
	History(H)	27:1
	Philosophy(H)	24:1
	Pol. Sc.(H)	12:1
	Botany(H)	9:1
	Chemistry(H)	25:1
	Mathematics (H)	18:1
	Physics(H)	11:1
	Physiology (H)	6:1
	Zoology (H)	15:1
	B. A. (G)	5:1
B. Sc. (G)	5:1	
PG	M. A. in Bengali	3:1
	M. A. in History	7:1
	M. A. in Sanskrit	6:1
	M. Sc. In Zoology	8:1

29. Is the College applying for AccreditationCycle1 Cycle2 Cycle3 Cycle4 Re-Assessment: *(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)***30. Date of accreditation*(applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)**

Cycle 1: Date – 16/09/2008 : Accreditation Outcome/Result- B

Cycle 2: (dd/mm/yyyy) Accreditation Outcome/Result N.A.

Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result N. A.

Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*31. Number of working days during the last academic year****32. Number of teaching days during the last academic year ((Teaching days means days on which lectures were engaged excluding the examination days)****33. Date of establishment of Internal Quality Assurance Cell (IQAC):** 19/10/2009**34. Details regarding submission of Annual Quality Assurance Reports(AQAR) to NAAC**

AQAR 2010-11 submitted to NAAC on 31/03/2016

AQAR 2011-12 submitted to NAAC on 31/03/2016

AQAR 2012-13 submitted to NAAC on 31/03/2016

AQAR 2013-14 submitted to NAAC on 31/03/2016

AQAR 2014-15 submitted to NAAC on 31/03/2016

35. Any other relevant data (not covered above) the College would like to include (Do not include explanatory / descriptive information: None

PART – C

CRITERIA-WISE INPUTS

CRITERION I

CURRICULAR ASPECTS

1.1.1. State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Acharya Brojendra Nath Seal College, being the first College across the North Bengal and North-East Region of the country, tries to promote the culture of higher education heralding its motto: *Vidyaya'mritamashnute* i.e. attain eternal bliss through knowledge. The founder of the College, His Highness Maharaja Nripendra Narayan Bhup Bahadur, the then ruler of the princely state Koch Bihar, envisaged this institution as a nucleus of knowledge for the royal territory. One hundred Twenty Eight years of the institutional excellence, is a relentless journey to attain the *Founder's* vision. This institution has been reshaping its vision with the change of notions in the field of higher education. In harmony with this message, the Vision and Mission of this College are as follows:

Vision

To create socially responsible people with academic excellence by blending traditional values of education with modernity.

Mission

- To maintain its' glory intact, as the Centre of learning in the North Bengal and the North Eastern Region of the country, the College is trying to adapt to the changing time by amalgamating the value-based traditional ambition with modernity.
- To create/generate oneness among the students of diverse socio-cultural and economic backgrounds by inculcating inquisitiveness with an analytical mindset.
- To create eminent contributors to the society by overcoming the dilapidating forces: regionalism, fundamentalism and racism and thereby setting up a world of universal brotherhood with harmony.
- To generate holistic excellence among students for competing in the global employment market.

Objective

To build-up awareness and develop consciousness about the philanthropic and Eco-friendly

environment.

The *Vision and Mission and Objective* of the College are displayed in Boards placed at various places of the College.

1.1.2. How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

At present the College implements Honours and General curricula of two universities to which it is affiliated. These universities are University of North Bengal and Cooch Behar Panchanan Barma University. It follows the under-graduate (UG) curriculum (except the first year batch which has been taken over by the Cooch Behar Panchanan Barma University) of the University of North Bengal while four post-graduate (PG) departments abide by the curriculum of Cooch Behar Panchanan Barma University. The action plan regarding effective implementation of the curriculum is developed by the Master Routine Plan Committee through the arrangement of meeting for consultation relating to its formulation with department wise faculties, Teachers' Council Secretary, Head of the Institution. Regarding the operational part, that is deploying it for effective implementation at UG level, the different departments develop their departmental routine plans following the Master Routine Plan. According to the departmental routine plans the lecture series of faculty members for imparting the lessons effectively are given by dividing the part of the syllabus allotted to them for the lectures concerned to the academic session, into the suitable modules. These modules are communicated to the students at the beginning of the session to make the students aware about and mentally prepared for their coming learning activities earlier. The similar means are followed for imparting the lessons to the PG students and Practical classes. The details of the process are as follows:

- To convene a joint meeting with Head of the institution, Teachers' Council Secretary and faculty members inclusive of all heads for preparing the Master Routine Plan by the Master Routine Committee under Teachers' Council one month before the start of the academic session.
- To prepare the Master Routine Plan within one week considering one class preparatory day in each week.

- To convene a joint meeting with Head of the Institution, Teachers' Council Secretary and faculty members inclusive of all heads for the discussion upon the prepared master routine plan and approval of it after necessary addition and alteration immediately after its formulation.
- To distribute the departmental routine plans to the departments by the Master Routine Plan Committee.
- To operate these departmental routines by the departments as said above.
- To resend the operative departmental routines to the Master Routine Plan Committee for the formulation of Master Routine Plan to be effected and monitoring teaching- learning process.
- To display this working Master Routine Plan in the Central Notice Board for displaying it to all concerned.

For giving a little bit of understanding about the process using very much short span of space, examples of initial Master Routine Plan and a working departmental routine plan for the year 2015-16 are attached herewith.

INITIAL MASTER ROUTINE PLAN

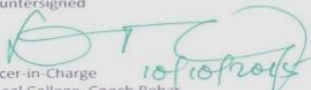
The image displays two side-by-side grid tables representing the initial master routine plan for A.B.N. Seal College, Cooch Behar. Each table is a 7x7 grid. The vertical axis (rows) represents the days of the week: Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday. The horizontal axis (columns) represents class periods, labeled as 1st, 2nd, 3rd, 4th, 5th, 6th, and 7th. The tables contain codes for various departments, including English, Hindi, Sanskrit, and others, indicating their scheduled classes. The tables are titled 'A.B.N. SEAL COLLEGE, COOCH BEHAR' and 'Class Routine For the Academic Session 20-20'. The tables are also labeled 'DAY SHIFT' and 'DAY SHIFT'.

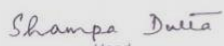
DAY SHIFT (Modified)

A.B.N.SEAL COLLEGE, COOCH BEHAR
CLASS ROUTINE, ARTS (REVISED)
SESSION: 2014 -2015

With effect from: **1.7.2015** Department of Political Science

Week	1	2	3	4	5	6	7	8	9
Days	10:00-10:45	10:45-11:30	11:30-12:15	12:15-1:00	1:00-1:45	1:45-2:30	2:30-3:15	3:15-4:00	4:00-4:45
MON		1H - SD 2H -	1H -SD 2H -MH	1H -MH 1G -PKS 3H - SD	2H - SD 2G - MH			1H - PKS 2H - MH	1H - PKS 2H -
TUE		3H - PKS	3H - PKS		3H - MH	3H - MH	3H - SD		
TUE		1H - MH 2H - AM 3H -	1H - MH 2H - AM 3H - PKS	3H -PKS	2H - MH 2G - AM	1H - PKS 1G - MH 3H -	3H -MH	1H - PKS 2H - 3H -AM	1H - 2H -PKS
WED		1H - AM 2H - PKS 3H - SD	1H - AM 2H - PKS 3H - SD	3H -MH		1H - MH 1G - PKS 3H - AM	2H-AM 2G - 3H -PKS	1H - 2H -SD 3H -	1H - PKS 2H - MH
THU		1H - 2H - MH 3H -	1H - PKS 2H -SD 3H -AM	1H -SD 1G - AM 3H - PKS	2H - AM 2G - PKS	3H -SD	3H - MH	1H - AM 2H - MH 3H -	1H - 2H - AM
FRI		1H - MH 2H - SD 3H - AM	1H - MH 2H - SD 3H - AM	3H -	2H - AM 2G -SD	1H - AM 1G - SD 3H - MH	3H - SD	1H - AM 2H - 3H - SD	1H - 2H - AM
SAT		1H - SD 2H - 3H -	1H - 2H -AM 3H -SD	3H -SD		1H - SD 1G - 3H - AM	2H -SD 2G - 3H -	1H - AM 2H - 3H -	1H - 2H -

Countersigned

 Officer-in-Charge
 A.B.N. Seal College, Cooch Behar


 Head
 Department of Political Science, A.B.N.Seal College,CoochBehar

DEPARTMENTAL ROUTINE PLAN

1.1.3. What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The Universities invite teachers from affiliated Colleges to discuss the matters related to syllabus, teaching-learning process, evaluation process etc. through organizing seminars, workshops, and conferences. The College is also informed about changes/modifications in the curricula, if any. And accordingly the College takes necessary initiatives.

1.1.4. Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The College Prospectus and Academic Calendar offer the idea about the delivery and

transaction of the curriculum. These documents are reviewed and updated every year by the teachers who incorporate new and necessary information. The esteemed faculty members see to that the syllabi contained in the curricula are effectively covered through classroom teaching, tutorials, outside classroom discussions (if necessary) and remedial/extra classes. The students are assessed at various stages throughout the entire course through continuous evaluative system inclusive of class tests and College examinations.

1.1.5. How does the institution network and interact with beneficiaries such as industry, research bodies and the University in effective operationalisation of the curriculum?

The Institution has not yet reached a position to set up network with industry and research bodies. In fact, this Institute confines it to impart UG and PG level of teaching in an efficient manner subject to its external and internal limitations. In spite of this it has a strong network with the University in effective operationalisation of the curriculum. This is done in the following manner:

- To send faculty members to the UG and PG Board of Studies as urged by the University.
- To maintain continuous communication with the departments of the University.
- To invite the University teachers in departmental seminars relating to the curriculum.
- To make participation by the faculty members of the College in the departmental seminars relating to the similar aspects organized by various departments of the University.
- The College is hopeful to develop network in this regard with industry and research bodies in coming days.

1.1.6. What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

There exists only a single way to contribute in the curriculum development process of the affiliating University(s) of this College. This process is the discussion and exchange of views in the meetings organized by the under-graduate and post-graduate Board of Studies. A notable number of teachers of the College usually at least one from each department are invited to hold the position of members in these Board of Studies. Teacher members are

always observed to take effective participation in the meetings of Board of Studies. The suggestions from the students' feedback regarding change/modification of the curricula, if any, are communicated in these meetings and accordingly the reformative policies are worked out. Finally these are communicated to the departments of different Colleges for implementation.

1.1.7. Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University by it? If “yes”, give details on the process “Needs Assessment”, design, development and planning) and the courses for which the curriculum has been developed.

The institution is not yet in such a position that it can develop curriculum for any of the courses. This institution has no academic autonomy for any level.

1.1.8. How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

This College does always possess keen interest to have a significant achievement in fulfilling the objectives of curriculum of the affiliating University. This institution ensures this achievement in terms of the assessment of the students from the point of view of their endeavor in making themselves as skilled man power in accordance with the invocation of time. It is noteworthy in this context that the remarkable number of student-beneficiaries of this College have achieved success in various spheres of life and thereby established themselves in economic, political, educational, cultural and social aspects of life.

1.2 ACADEMIC FLEXIBILITY

1.2.1. Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the Institution.

This is a Government College. This has no provision for opening any such course. But for serving the interest of the society, the Department of Sanskrit conducted “Spoken Sanskrit Course” of Sankshita Bharati in the year 2011.

1.2.2. Does the institution offer programmes that facilitate twinning /dual degree? If “yes”, give details.

The institution does not offer any such programme.

1.2.3. Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability?

Maximum flexibility is offered within the parameters of the University stipulations and College infrastructure. An idea can be obtained from Table-1 which is developed from the relevant part of the College Prospectus and where the subject combinations for all UG courses are given.

Table I: The subject combinations for all UG courses

Part-I: B.A.(Honours)	
Honours subjects	Allowed combination of any two General subjects*
English	BNGG, SANG, HISG, PLSG, PHIG, ECOG, GEOG
Bengali	ENGG, SANG, HISG, PLSG, PHIG, ECOG, GEOG
Sanskrit	BNGG, ENGG, HISG, PLSG, PHIG, ECOG, GEOG
History	BNGG, ENGG, SANG, PLSG, PHIG, ECOG, GEOG
Philosophy	BNGG, ENGG, SANG, PLSG, HISG, ECOG
Political Science	BNGG, ENGG, SANG, HISG, PHIG, GEOG
Economics	BNGG, ENGG, SANG, HISG, PHIG, GEOG, MTMG
Geography	BNGG, ENGG, SANG, PLSG, ECOG, HISG
Part-II: B.Sc.(Honours)	
Mathematics	PHSG, CEMG,
Physics	CEMG, MTMG
Chemistry	MTMG, PHSG
Zoology	BOTG, CEMG PHYG (when this general course will be started)
Botany	ZOOG, CEMG PHYG (when this general course will be started)
Physiology	ZOOG, BOTG, CEMG (general course in Physiology yet not offered due to the overburden of this Department, to be given when the burden will be reduced with the extension of the capacity)
Part -III: B.A. General (Any three elective subjects but not more than one subject from the following combinations)	
Combination -1	BNGG, ENGG, SANS
Combination -2	PLSG, ECOG
Combination -3	PHIG, GEOG
Combination -4	HISG, MTMG
Part -IV	B.Sc. General (pure Science)
Single combination	PHSG, CHMG, BOTG
Part-V	B.Sc. General (Bio-Science)
Single combination	ZOOG, BOTG, CEMG

Note: *BNGG-ElectiveBengali ENGG-ElectiveEnglish, SANG-Sanskrit, HISG-History, PLSG-Political Science,

PHIG-Philosophy ECOG-Economics, GEOG-Geography, MTMG- Mathematics, PHSG-Physics, CEMG-Chemistry, ZOOG-Zoology, BOTG- Botany, PHYG-Physiology.

This flexibility certainly helps the students in terms of skill development, academic mobility, progression to higher studies and improved potential for seeking employment opportunity in future life.

1.2.4. Does the institution offer self-financed programmes? If ``yes”, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The Institution does not offer any such programme.

1.2.5. Does the College provide additional skill oriented programmes, relevant to regional and global employment markets? If ``yes”, provide details of such programme and the beneficiaries.

The College provides additional skill-oriented training programmes, namely, Entry into Services (Administrative Service, School Service, College and University Service schemes) with the financial assistance from UGC. Among these, former two are relevant to regional level employment markets, the latter two are relevant to regional, national and global employment markets. These programmes are usually launched during mid-February to mid-April of an academic session. The teachers of this College comprise the major part of the set of resource persons of these programmes. The minor part consists of the retired and in-service administrative officers. The set of beneficiaries contains both the inside students of the College and outside students as well.

As added information, it may be mentioned here that the College also provides spaces for Study Centres under the Indira Gandhi National Open University (IGNOU) and The University of Burdwan. The former was opened here in the year 1993 and the latter started in the year 2013-14. At the IGNOU Centre of the College, programmes on *Commerce, Social Work, Tourism Management, Computer Applications, Library and Information Science, Rural Development, Journalism and Mass Communications, Disaster Management, Health Science and Environmental Studies* are offered. At the Distance Learning Centre of the University of Burdwan, post-graduate courses on five subjects of Humanities, viz. Sanskrit, Bengali, History, English and Philosophy are offered.

1.2.6. Does the University provide for the flexibility of combining the conventional face-

to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If ``yes'', how does the institution take advantage of such provision for the benefit of students?

This College does not provide flexibility of combining the conventional face-to-face and distance mode of education for students to choose the courses/combinations of their choice. The affiliating University(s) has/have yet not developed any such provisions.

1.3. CURRICULUM ENRICHMENT

1.3.1. Describe the efforts made by the Institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

This Institution always tries to optimize the activities relating to academic affairs. The efforts or activities in this respect are:

- To introduce the students to the latest books, journals, and likely others.
- To arrange relevant seminar, symposia, workshop, conference and memorial lectures.
- To organize photography and book exhibitions.
- To arrange educational tours and excursions.

1.3.2. What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

This College takes following efforts in this respect:

- To orient the students about their future prospect and the concerned activities from their first day in the College through the value-based lectures of the teachers in different socio-academic fests of the College.
- To motivate them in the classroom imparting the lessons in the extended and critical form so that they can cope with the needs of dynamic employment market.
- To arrange coaching classes for various services (WBCS, SSC, NET & SET etc.).
- To organize NCC Certificate Course for defence related employment.

1.3.3. Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

These cross-cutting issues are already incorporated by the affiliating University in the relevant curriculum to some extent. The UG syllabus of Political Science includes issues related with gender and human rights. The syllabus of Geography is seen to cover aspects relating to climate change and environmental education. A form of environmental education is in the purview of the syllabus of Economics under the nomenclature of Environmental Economics. It is to be noted here that following the directive of the Supreme Court and according to the curriculum of the affiliating University, the Environmental Studies has been going to be imparted in the form of a compulsory paper of 100 marks for the UG first year students. Besides this, the Women's Cell of the College, formed on the basis of *BISAKHA* guidelines, arrange lectures, seminars, exhibitions and likely others on the gender and human rights related issues.

1.3.4. What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

Although the College has no specific value-added course, for the holistic development of a student's personality and orientation towards development of community feeling, the departments organize various types of cultural activities throughout the year without interrupting the lesson plan. The NSS wing of the College also organizes various activities such as Cleaning of garbages, Social, Political, Educational and Environmental awareness camps, Aids Awareness programme etc. throughout the year and incorporates the students therein for inculcating the values among them.

1.3.5. Citing a few examples, enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum.

In order to obtain students' feedback, students of the final year are to express their opinions through the relevant forms which are circulated to them once in a year. Apart from that, teachers of the department interact with the students to get their views on the curriculum. Guardians/ parents and stakeholders forming an indispensable part of the institution extend their valuable suggestions and opinion regarding the enrichment of curriculum. All these are collected and assembled by the departments, analyzed by the IQAC and conveyed to the respective policy-making bodies, namely, College Development and Planning Committee for due consideration through the teachers.

1.3.6. How does the institution monitor and evaluate the quality of its enrichment programmes?

There exists a Teachers' Council in the College on the basis of the G.O. No-4188-EDN (A)/A-51-2/70 dated Calcutta, the 26th November, 1970. This forms different sub-committees for each academic session to set up guidelines for effective functioning of the institution in the context of all academic matters including students' welfare and discipline, arrangement of time-table, conduct of examinations (including University examination), improvement of library, laboratories and teaching facilities in the College. This process very much reflects the continuous efforts for quality enrichment of the students by the institution.

1.4. FEEDBACK SYSTEM

1.4.1. What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Several teachers of various departments of the College, being member of UG/PG Board of Studies, provide usually concrete suggestions on designing and development of the curriculum. Participation of faculty members in syllabus and curriculum related workshops contribute to the enrichment of the curriculum prepared by the University.

1.4.2. Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If "yes", how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

A.B.N. Seal College has a structured mechanism of obtaining feedback from students and stakeholders on different issues. The students of the final year, who are supposed to develop a matured opinion on the implementation of the syllabus, are to express that in the prescribed feedback forms which are served to them by the respective departments. This feedback is analyzed by the IQAC and the part related to academic matter is conveyed to the mother University by the members of the Board of Studies during the academic meetings. In this regard, the Principal of the College and the IQAC have a key role to play. Besides this, the College makes arrangement for parent-teacher meet to discuss students' attendance, matters relating to evaluation, assessment and examination along with any problems concerning their wards. Parents are also served with a prescribed form in which they can put their suggestions for the further improvement of the department and overall College activities.

1.4.3. How many new programmes/courses were introduced by the institution during the last four years* ? What was the rationale for introducing new courses/programmes?

Two new programmes/courses namely, UG Honours / Major in Physiology and PG in History are opened in the recent times. Of these two, the former is opened in the year 2013 and the latter is inaugurated in the year 2010, that is, immediately after the first NAAC Peer Team Visit in 2008. The rationale behind opening the former programme was to create the scope for studying Physiology in this District and at the same time to complete the development of Bio-Science discipline. Again this is opened in view of the consideration of the ongoing increasing demand for Physiology students in the job market specially linked with the health sector. PG programme in History is opened for the best possible utilization of the existing sufficient number of teachers (inclusive of a Professor's post) and relevant infrastructure in this department. It is worthwhile to note here that till the year 2010 the PG Department of History in the University of North Bengal is the only place for studying this course in front of the students disinterested and unable to go outside this region. To extend the dimension of such a tiny scope for the overgrowing number of said type of students is another rationale behind such a move of A.B.N Seal College well equipped with the required tangible and non-tangible resources for opening the course.

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CRITERION II

TEACHING-LEARNING AND EVALUATION

2.1. STUDENT ENROLMENT AND PROFILE

2.1.1. How does the College ensure publicity and transparency in the admission process?

Since the inception of the College website, all kinds of institutional publicity has been being made online along with the traditional process of notice/circulation/advertisement in local and national news papers. Detailed information on admission procedure and final merit lists are used to be put on the College website as well as the College notice board. Since the year 2015, the admission procedure is being conducted purely online. Accordingly students are to fill up and submit their applications and fees as well within the stipulated period. The merit panels simultaneously with merit/grade points calculated are also furnished in the website and in the notice boards for raising the level of transparency to and convenience for the deserving candidates.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex.(i) merit, (ii) common admission test conducted by state agencies and national agencies, (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

- i) Admission is done strictly on the basis of merit in UG courses.
- ii) In the case of admission in PG courses a combination of merit, entrance test and interview is followed by various PG departments of this College.

Table 2.1: Eligibility Criteria to apply for Admission to various programmes (for 2014-15 sessions) along with other information's

Courses	Subjects	Admission Intake Capacity	Allowed combination of any two General subjects**	Criteria for Admission and for Issuance of Admission Forms*
(1)	(2)	(3)	(4)	(5)
UG HONOURS COURSE	English	50	BNGG, SANG, HISG, PLSG, PHIG, ECOG, GEOG	
	Bengali	50	ENGG, SANG, HISG, PLSG, PHIG, ECOG, GEOG	

	Sanskrit	50	BNGG, ENGG, HISG, PLSG, PHIG, ECOG, GEOG	For General Candidates: 55% in aggregate or 50% in aggregate with 60% in respective subject. For SC/ST/OBC Candidates: 50% in aggregate or 45% in aggregate with 60% in respective subject.
	History	50	BNGG, ENGG, SANG, PLSG, PHIG, ECOG, GEOG	
	Philosophy	42	BNGG, ENGG, SANG, PLSG, HISG, ECOG	
	Political Science	42	BNGG, ENGG, SANG, HISG, PHIG, GEOG	
	Economics	42	BNGG, ENGG, SANG, HISG, PHIG, GEOG, MTMG	
	Geography	30	BNGG, ENGG, SANG, PLSG, HISG, ECOG	
	Mathematics	36	PHSG, CEMG	
	Physics	30	CEMG, MTMG	
	Chemistry	30	PHSG, MTMG	
	Zoology	30	BOTG, CEMG, PHYG (when this general course will be started)	
	Botany	30	ZOOG, CEMG, PHYG (when this general course will be started)	
	Physiology	26	ZOOG, BOTG, CEMG (general course in Physiology yet not given due to the overburden of the Department, to be given when the burden will be reduced with the extension of the capacity)	
UG GENERAL COURSE	B.A. (General)	201	Any three elective subjects, but not more than one subject from the following combinations : Comb 1: BNGG, ENGG, SANG Comb 2: PLSG, ECOG Comb 3: PHIG, GEOG Comb 4: HISG, MTMG	40% marks in aggregate
	B.Sc. (Pure Sc.) (Gen): single combination	114	PHYG, CEMG, MTMG	45% marks in aggregate
	B.Sc. (Bio Sc.) (Gen):single combination	42	ZOOG, BOTG, CEMG	45% marks in aggregate
PG Course	Bengali (M.A.)	28		45% marks in Honours for both Science and Arts Subject with a relaxation of 5% marks for reserved category candidates.
	Sanskrit (M.A.)	28		
	History (M.A.)	28		
	Zoology (M.Sc.)	24		

Note: *The basis of the criteria relating to both UG and PG courses is the relevant norms of the affiliating Universities. **BNGG-Elective Bengali ENGG-Elective English, SANG-Sanskrit, HISG-History, PLSG-Political Science, PHIG-Philosophy, ECOG-Economics, GEOG-Geography, MTMG-Mathematics, PHSG-Physics, CEMG-Chemistry, ZOOG-Zoology, BOTG- Botany, PHYG-Physiology

2.1.3. Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the College and provide a comparison with other Colleges of the affiliating University within the city/district.

The minimum and maximum percentages of marks for admission at entry level for each of the programmes of A B N Seal College for the year 2014 -15 are given in the Table 2.2. The same is not available for other Colleges in the city. Therefore, the comparison in this context has not been possible to make. It is mentionable here that this College is the lead College in the city/district. The position of this College attracts the students securing higher percentage of marks relative to the neighboring Colleges.

Table 2.2: Programmes and students category-wise Maximum and Minimum percentages of marks for admission at entry level in A B N Seal College and others in the city /district for the year 2015-16.

Programme	Subject	College*	General		SC		ST		OBC A		OBC B	
			Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
UG (Hons.)	Bengali	ABNSC	85.0	70.0	52.5	45.0	50.0	45.0	80.0	70.0	75.0	60.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UG (General)	English	ABNSC	87.0	80.0	60.0	50.0	55.0	45.0	82.0	75.0	77.0	65.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sanskrit	ABNSC	80.0	70.0	52.5	45.0	48.0	45.0	75.0	70.0	70.0	55.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	History	ABNSC	80.0	70.0	52.5	45.0	50.0	40.0	78.0	70.0	70.0	55.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Philosophy	ABNSC	82.0	75.0	56.3	40.0	45.0	40.0	78.0	65.0	70.0	52.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pol. Sci.	ABNSC	70.0	50.0	37.5	30.0	40.0	35.0	70.0	52.0	70.0	70.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Geography	ABNSC	85.0	80.0	60.0	45.0	55.0	50.0	80.0	70.0	75.0	70.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Economics	ABNSC	65.0	55.0	Nil	Nil	Nil	Nil	60.0	Nil	Nil	Nil
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Physics	ABNSC	95.0	92.0	69.0	60.0	55.0	Nil	84.0	82.0	Nil	Nil
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Math	ABNSC	90.0	88.0	66.0	60.0	Nil	Nil	80.0	75.0	75.0	70.0
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Chemistry	ABNSC	90.0	85.0	64.0	60.0	Nil	Nil	80.0	75.0	Nil	Nil
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	No	No	No	No	No	No	No	No	No	No
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Zoology	ABNSC	80.0	75.0	58.0	55.0	Nil	Nil	70.0	60.0	65.0	55.0
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	No	No	No	No	No	No	No	No	No	No
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Physiology	ABNSC	60.0	50.0	38.0	35.0	35.0	Nil	55.0	50.0	Nil	Nil
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	No	No	No	No	No	No	No	No	No	No
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Botany	ABNSC	75.0	70.0	54.0	50.0	50.0	45.0	60.0	55.0	50.0	45.0
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	No	No	No	No	No	No	No	No	No	No
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Arts	ABNSC	70.0	60.0	45.0	40.0	40.0	30.0	50.0	45.0	45.0	40.0
		TPMM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Pure Sci.	ABNSC	75.0	60.0	45.0	35.0	35.0	30.0	65.0	55.0	55.0	42.0
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		UBEdC	No	No	No	No	No	No	No	No	No	No
	Bio. Sci.	ABNSC	65.0	58.0	44.0	35.0	40.0	32.0	55.0	42.0	50.0	32.0
		TPMM	No	No	No	No	No	No	No	No	No	No
		CC	No	No	No	No	No	No	No	No	No	No
		UBEdC	No	No	No	No	No	No	No	No	No	No

*Note: *ABNSC.: A B N Seal College, TPMM: Thakur Panchanan Barma Mahila Mahavidyalay, CC: Coochbehar College, UBEdC: University B.Ed. College, NA=Not Available, NO=Not Opened*

2.1.4. Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes', what is the outcome of such an effort and how has it contributed to the improvement of the process?

There is a mechanism in the institution to review the admission process and student profiles annually to a notable extent. The outcome of this process is the availability of the qualitatively better students in different programmes of the College over the years. This outcome has a meaningful contribution on the process of improvement of this mechanism. The mechanism over the years has been becoming more and more efficient in terms of its capability of communicating with and collecting outstanding meritorious students from the hinterlands of the grass root arena of the society.

2.1.5. Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its

student profiles demonstrate/reflect the National commitment to diversity and inclusion

SC/ST- As an outstanding College of North Bengal, the College strictly follows the reservation policy of the Government of West Bengal and Government of India to ensure the cent percent success in case of access for the students of SC and ST community in this College. Respectively 22% and 6% seats are reserved for candidates of SC and ST community in all cases of admission. At the same time, relaxation of marks for admission of them is also followed. After admission they are assisted to get scholarships provided by both the State and Central Govt.

OBC- Reservation policy for the candidates of OBC category for admission to Higher Educational Institutes has been introduced by Government of West Bengal from the academic session 2014-15. As per Government policy, 10% and 7% seats are kept reserved for OBC-A and OBC-B category respectively in this College, without reducing the seats of General category. This category of students is also assisted by the College to get the scholarships extended by both State and Central Govt. Besides they are also facilitated by the College to have scholarships extended by the non-governmental organizations.

Differently-abled– For differently-abled students 3% seats are kept reserved in each category in both UG and PG levels following the government norms. They are also facilitated in the same way as earlier.

Economically weaker section- There is no provision for reservation of seats for students from economically weaker section. However, once a student from this section gets admitted, the College authority extends every kind of support to such students to encourage them to complete the course. To reflect the national commitment to include the economically weaker section of the society, various stipends and scholarships are arranged to be awarded by the College on the basis of merit cum means.

Minority Community– There is also no provision for reservation of seats for students from Minority Community. There are several Govt. and other scholarships for Minority Community students. Once they get admission to this College, they are assisted to get the scholarships and other helps in the manners noted earlier. .

Any other- Deserving **female candidates** are offered the official assistance to apply for *Kanya Shree* scholarships which is introduced by the Govt. of West Bengal in recent times.

Thus, remaining within the Government rules and framework, this College attempts solely to include the diversified character of the society in its admission process and subsequent activities.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends i.e. reasons for increase/decrease and actions initiated for improvement

Table 2.3 shows the brief record for various programmes offered by the College.

Table 2.3: Demand Ratio for the various programmes offered by the College during the last four years

Programmes/ subjects	Years	Number of Applications	Number of students Admitted	Demand Ratio
(1)	(2)	(3)	(4)	(5)
UG (Honours): Bengali	2012-2013	1206	43	27.77778
	2013-2014	1649	43	38.46154
	2014-2015	1702	45	38.46154
	2015-2016	1750	50	34.48276
English	2012-2013	1100	43	25.64103
	2013-2014	1122	43	26.31579
	2014-2015	1150	46	25
	2015-2016	1200	50	23.80952
Sanskrit	2012-2013	632	43	14.70588
	2013-2014	558	43	12.98701
	2014-2015	735	43	16.94915
	2015-2016	780	50	15.625
History	2012-2013	832	45	18.51852
	2013-2014	758	45	16.94915
	2014-2015	735	50	14.70588
	2015-2016	756	50	15.15152
Philosophy	2012-2013	500	36	13.88889
	2013-2014	550	36	15.38462
	2014-2015	600	38	15.87302
	2015-2016	600	42	14.28571
Political Science	2012-2013	300	36	8.333333
	2013-2014	275	36	7.633588
	2014-2015	275	38	7.246377
	2015-2016	300	42	7.142857
Economics	2012-2013	36	04	9.009009
	2013-2014	30	05	5.988024
	2014-2015	35	05	6.993007
	2015-2016	21	08	2.624672
Geography	2012-2013	900	24	37.03704
	2013-2014	920	24	38.46154
	2014-2015	940	28	33.33333
	2015-2016	940	30	31.25
Physics	2012-2013	526	24	21.73913
	2013-2014	525	24	21.73913
	2014-2015	555	28	20

	2015-2016	572	30	19.23077
Mathematics	2012-2013	403	31	12.98701
	2013-2014	456	31	14.70588
	2014-2015	428	33	12.98701
	2015-2016	451	33	13.69863
Chemistry	2012-2013	232	29	8
	2013-2014	248	28	8.849558
	2014-2015	256	25	10.20408
	2015-2016	240	23	10.41667
Zoology	2012-2013	423	21	20
	2013-2014	398	24	16.66667
	2014-2015	324	22	14.70588
	2015-2016	502	30	16.66667
Botany	2012-2013	350	24	14.49275
	2013-2014	400	24	16.66667
	2014-2015	425	28	15.15152
	2015-2016	426	30	14.28571
Physiology	2012-2013	Not opened	Not opened	
	2013-2014	150	20	7.518797
	2014-2015	175	23	7.633588
	2015-2016	180	26	6.944444
UG (General): Arts	2012-2013	2000	182	10.98901
	2013-2014	2100	182	11.49425
	2014-2015	1900	196	9.708738
	2015-2016	1900	201	9.433962
UG (General): Pure Science	2012-2013	1500	101	14.92537
	2013-2014	1500	101	14.92537
	2014-2015	1400	110	12.65823
	2015-2016	1800	114	15.87302
UG (General): Biological Science	2012-2013	1200	36	33.33333
	2013-2014	1220	36	33.33333
	2014-2015	1150	38	30.30303
	2015-2016	1225	42	29.41176
PG: Bengali	2012-2013	1017	25	40
	2013-2014	1173	25	47.61905
	2014-2015	1296	25	52.63158
	2015-2016	975	28	34.48276
PG: Sanskrit	2012-2013	147	25	5.882353
	2013-2014	145	25	5.813953
	2014-2015	154	28	5.494505
	2015-2016	200	28	7.142857
PG: History	2012-2013	147	25	5.882353
	2013-2014	145	25	5.813953
	2014-2015	154	28	5.494505
	2015-2016	170	28	6.060606
PG: Zoology	2012-2013	98	22	4.464286
	2013-2014	72	21	3.424658
	2014-2015	65	23	2.824859
	2015-2016	125	24	5.208333

From this table, it is seen that there is on and average a rising trend for being admitted in this College. This is clear in terms of number of applicants over the years (the column 3 of this

table). Such a situation is due to the fact that this is the lead College in this district. And the growing numbers of 10+2 or equivalent examination passed students of the locality and beyond are always eager to take admission in this institution for getting proper guidance for their enlightenment. In order to accommodate this increasing demand, the College has been increasing its intake capacity over the years for all the programmes strictly following the time-to-time circular/government order in this respect. For this, the demand/supply ratio as defined above remains more or less same over the years. This implies that the College always tries to build up its capacity intake and extend the enhanced facilities for qualitative higher studies in this region.

2.2 CATERING TO STUDENT DIVERSITY

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

Differently-abled students are treated with generosity by the College. Though such students are few in number yet while admitting such students in the institution government rule and regulations are strictly followed. These students are provided special guidance and counseling by the teachers of the departments.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Immediately after the commencement of each programme, teachers try to assess the students in class rooms by one to one interaction and thereby devise teaching method for forth coming classes keeping in mind the students' needs in terms of knowledge and skill.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

Keeping in mind the advancement of slow learners, personalized interaction between students and teachers helps to eliminate their weak points. The teachers even provide academic assistance to these students by preparing model answers, by providing books and study materials and also by organizing meeting with the guardian/ parents of these students. In these meetings the guardian/ parents can freely express their views and the teachers also get an opportunity to communicate their observation on the progress of their wards. Tutorial

classes, remedial coaching classes are also arranged with a view to bridge the knowledge gap of the enrolled students enabling them to cope with the programme that they have chosen.

2.2.4 How does the College sensitize its staff and students on issues such as gender, inclusion, environment etc.?

In order to sensitize students and staff of the College on these issues, the College organizes seminars, and symposia. In the year 2010 and 2016 the College has celebrated International Women's Day where invited talks were delivered by the in-house faculty members to spread awareness among the students and staff of the College. The Equal Opportunity Cell does work actively to make the students aware of the legal and the constitutional grounds regarding the weaker sections of the society (SC, ST and OBCs etc.).

The NSS cell of the College at times organizes awareness campaign on various emerging issues of the society in the adopted village in which the Programme officer along with other teachers actively participate. Banomahotsav i.e. festival of plantation of trees is observed in the College campus in the 1st week of July every year. Besides, through this wing of this College some other complementary activities such as *Safai Aviyan* (Drive for cleanliness), for maintaining the pollution free environment in the College campus and asides, are performed in regular intervals.

2.2.5 How does the institution identify and respond to special educational/ learning needs of advanced learner?

The teachers of the departments identify and handle the learning needs of advanced learners with care, by procuring reference books in the seminar libraries and also motivating them to refer advanced texts and journals as available in the College library and District Library also. A continuous process of responses and co-responses among the teachers and these advanced learners is followed in this College. Such a design of interaction has not only improved their periphery of syllabus oriented knowledge but also the outward awareness. Thus, these students are encouraged to participate in seminar presentations, quiz, debate, extempore competitions and even career-oriented programmes.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged,

slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

Relevant information of enrolled students is maintained by the College office and individual departments as well. Results of College and University examinations are also well preserved in the students section of the office and respective departments. Fortunately the rate of drop-out students is extremely low, but still special attention is provided to the students at risk of drop out from the noted categories. The institution adopts the following measures for supporting them:

- Keeping in mind about maintaining the parity with national commitment for the inclusion of socially weaker section of the society, the advantage of reservation policy through extending opportunities to have stipends and scholarships sponsored by the State and Central Governments, UGC awards, and likely others are provided .
- To extend the opportunity for applying *Kanya Shree* scholarships of Government of West Bengal to cater the needs of educational expenses for girl students is always persued.
- Apart from all these financial incentives, each department adopts their own way of maintaining record of their students by keeping their address and phone numbers for making positive communication with them. Absence is discouraged and teachers encourage students to be regular in classes by holding meetings with their parent/guardians as well. Thus, becoming friend, philosopher and guide each teaching and non-teaching employees of this College try at most for betterment of these students.

2.3 TEACHING-LEARNING PROCESS**2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)**

The College follows a well planned schedule for organizing the teaching, learning and evaluation process:

- An academic Calendar is prepared by the IQAC, depicting the year round activities in the institution. Following this calendar each department is given the freedom to set up separate academic calendars on the basis of the main structure. The calendar includes:
 - i. Explicit breakup of syllabus.
 - ii. No. of classes allotted for each paper

- iii. Time schedule for tutorial and special classes
 - iv. Probable dates of class test, College tests and University examinations.
 - v. List of holidays and vacation etc.
- With regard to Teaching Plan, each department prepares their individual teaching plans, which are then displayed in the departmental notice board.
 - The teachers employ both interactive and participatory approaches.
 - The Sanskrit, Bengali, History and Zoology Departments conduct student projects as part of the Post Graduate curriculum.
 - Students of different UG/ PG Departments have access to the internet while preparing for their final examination.
 - Evaluation blue prints structured by the affiliating universities are sent to the College and it has to be adhered to by the respective departments of the College. The detailed break up of marks, question pattern, probable date of examination etc. is communicated to the students at the beginning of the academic session. Any variation to this set pattern is intimated to the students well in advance.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

- IQAC annually arranges the process for receiving feedback from the outgoing students, who gain maturity to assess the activities of the departments to which they belong, the performance of the teachers, the infrastructure of the College depicted mainly through the library, laboratory and allied facilities and the College as a whole. These feedback reports are consulted carefully for strategic development. The IQAC visits all the departments as and when necessary to monitor all the academic activities including seminars, workshops conferences and likely others organized. This also inspects the records relating to the admission process of the College, internal and University examinations of the College along with others viz. financial, physical and likely other related affairs of the College.
- The IQAC suggests innovative ways of showing films, documentaries, recordings and clippings downloaded from authentic educational websites. Access to e-books, e-journals, and websites is also suggested. Information Communication Technology (ICT) classroom presentation is also encouraged by the cell.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Unlike the traditional chalk and talk method, A.B.N. Seal College deliberately makes efforts to make the learning process more student-friendly and thereby student-centric.

For developing skills like **interactive learning process** among students and teachers, the College encourages students to take part in extempore, debates, seminars, workshops, conferences and etc. where the scope of interaction amply exists besides the limited span of class lecture time. To make this skill development process more meaningful departments individually inspire their students to submit papers on topics from their course of study as a part of teaching- learning process through which students acquire a healthy way of learning and meeting up their quests of knowledge through the application of this process.

The College has a well-equipped library. Teachers of various departments are used to follow the process of interactive learning in this library rooms where the department-wise books and journals are preserved. Apart from this, following the modern method, ICT-extended tools, over-head projectors, screens are used by teachers to give power point presentation to make their lecture more attractive. Some of the departments are also connected with LAN which gives teachers as well as students of those departments to access e-materials whenever required. Thus through both the traditional system and modern methods interactive learning process is executed in this College.

Last but not the least the students from the Departments of Political Science and allied subjects take part in Youth Parliament Competition every year which imbibes them with a practical idea on the functioning of Parliament in a democracy. The teachers of the departments guide the students through the interactive process to participate well in this competition and similarly others also.

Collaborative learning is promoted through educational tours, project work as well as classes in the laboratories where students work as teams which inculcate values of collaborative work. Apart from these, UGC-CPE grant is allotted for promoting these educational tours to be conducted by the different departments of the College. Group learning

is also motivated through the group discussion, students' seminar, and preparation of wall magazine, cultural functions and NSS activities.

Independent learning by the students is constantly encouraged by motivating them to write answers and discuss the same with their teachers during tutorial and remedial classes or class lectures whenever possible. Students belonging to the PG departments show a greater interest in independent learning process since they are given the scope to write dissertations in their final semester examination.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The College sincerely makes effort to nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators by organizing memorial lectures, invited lectures, debates, multi-disciplinary and trans-disciplinary seminars, workshops, conferences and symposia. The students and teachers are encouraged by the authority to participate whole-heartedly in these activities. Students' seminars in various departments are conducted frequently to develop a sense of critical thinking, creativity, and scientific temper amongst them. Seminars and awareness camps organized by the NSS and Women's Cell of the College direct the youth towards a thoughtful and scientific approach on the burning and relevant questions of the time. Thus the College gives endeavor to make the students critical thinkers, creative and tempered with scientific attitude with a view to uprising them for being life-long learners. Table 2.4 may be helpful to have a brief understanding about the discussed activities especially lectures, seminars etc.

Table 2.4: Lectures and Seminars Organized by Different Departments of the College during the Years 2011-12 to 2014-15.

Sl No	Department	Name of the Speaker	Topic	Year	Funded by
(1)	(2)	(3)	(4)	(5)	(6)
01	English	Prof. Supriya Chaudhuri, Dept. of English, Jadavpur University	1. Modernism 2. Shakespeare	2011	UGC-CPE
02	Bengali	Prof. Satyabati Giri	Sashibhushan Dasgupta Memorial Lecture	2012	UGC-CPE
		Utpal Mondal, University of North Bengal	Novel and Stories	2013	UGC-CPE
		Dipak Roy	Drama	2013	UGC-CPE
		Shamindranath Majumdar	Amiyabhushan Majumdar Memorial	2013	UGC-CPE

			Lecture		
03	History	Prof. Chittabrata Palit, Jadavpur University	Invited lecture	2011	UGC-CPE
		Prof. Ichchhimuddin Sarkar, University of North Bengal		2012	UGC-CPE
		Prof. Geraldine Forbes		2012	UGC-CPE
04	Political Science	Prof. M. Yasin, University of North Bengal Prof. Ashutosh Sarkar, Reader, Dept. Of Agriculture Prof. P.K. Pal, Senior Lecturer, Dept. Of Agriculture	Performance of Third Generation Panchayats in North Bengal	2010	UGC
05	Philosophy	Prof. Manjulika Ghosh, University of North Bengal	Language and its' Impact on Social Life	2012	UGC-CPE
		Prof. Kantilal Das, University of North Bengal	Langauge and Logic	2013	UGC-CPE
06	Sanskrit	Dr. Lalita Chakrabarty, Visvabharati University	Charvak and Yoga Darshan	2011	UGC-CPE
		Prof. Sarbani Ganguly, Jadavpur University	Indian Poetics	2012	UGC-CPE
		Prof. Raghunath Ghosh, Dept. Of Philosophy University of North Bengal	Indian Philosophy (Nyaya Vaishesika)	2012	UGC-CPE
		Dr. Proosun Dutta Singh, Asst. Prof., Jamshedpur Workers' College (Kalhan University, Jharkhand)	Lyric Poetry	2012	Department of Sanskrit
		Dr. Shyam kumar Jha, Assistant Professor, Mathabhang College	Epic Poetry	2012	Department of Sanskrit I
07	Geography	Prof. Shubhas Chandra Mukhopadhyay	S.P. Chatterjee Memorial Lecture on Fluvial Processes and Resultant Landforms	2011	UGC- CPE
		Dr. Partha Basu	S.P. Chatterjee Memorial Lecture on Cyclic and Non-Cyclic Concepts in Lanforms Evolution	2012	UGC- CPE
08	Physics	Dr. Subhankar Ghosh (from St. Xavier's College, Kolkata)	College level (S. Chandrasekhar Memorial Lecture)	2012	UGC-CPE
		Dr. Kanak Saha (from IUCAA, Pune)	College Level	2015	A. B. N Seal College
09	Chemistry	Prof. Somnath Ghosh, Jadavpur University, Kolkata	Shantiswarup Bhatnagar Memorial Lecture	2012	UGC-CPE
		Prof. Asish De, Sr. Professor, IACS, Kolkata	Acharya P C Ray Memorial Lecture	2011	UGC-CPE
		Dr Vivek Bagchi, Scientist, INS, Mohali, Chandigarh	Advance material for energy environment and biological applications	2015	A B. N Seal College
		Prof. Manabendra Ray, IIT, Guwahati	National level seminar	2012	UGC

		Prof. Amitabha Sarkar , IACS, Jadavpur, Kolkata			
		Prof. Bhaskar Chakraborty, Sikkim Govt. College, Gantok, Sikkim			
		Prof. Biplab Mondal, IIT, Guwahati			
		Prof. Subhas C Bhattacharya, Jadavpur University, Kolkata			
		Prof. Bimalendu Ray, Burdwan University, Burdwan			
		Dr Debayan Sarkar, NIT, Rourkela			
		Dr Pratik Sen, IIT Kanpur			
10	Mathematics	Dr. Abhijit Banerjee, Associate Professor, University of Kalyani, Kalyani, Nadia on Differentiation in R^n space	Srinivasa Ramanujan Memorial Lecture	2012	UGC-CPE
11	Zoology	Dr. Kamallesh Misra, KU	Speciation as two dimensional process	2011	UGC-CPE
		Dr. Tanmay Bhattacharya, VU	Animal Communication	2012	UGC
		Dr. Madhusudan Ghosal, CU	Hormone-Mechanism of action	2012	UGC-CPE
		Prof. Susanta Chakraborty, VU	Darwin Memorial Lecture-Wetland as Resources	2013	UGC-CPE
		Prof. Dipak Ranjan Mondal, DPI, West Bengal	National Level Seminar	2011	UGC-ERO
		Prof. A.P. Das, N.B.U.			
		Dr R.C.Chakraborty, N.B.U.			
		Prof. Mohit Sinha, Director, Central Jute and Allied Fiber, Kolokata			
		Prof. T.C.Nag, AIIMS, New Delhi	National Level Seminar	2013	UGC-ERO
		Prof. S. Patra, IIT, Roorkee			
Prof. A. Chakraborty, NBU					
Prof. Amitava Samanta, BCKV					
Dr. R.C. Chakraborty, N.B.U.					

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? E.g.: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

For imparting the effective teaching A. B. N Seal College has started to use the following teaching-assisting modern methods:

- To use LCD projector and screen in different classes of different departments.
- To use internet facilities inclusive of Wi-Fi and LAN as and when necessary.
- To use Mathematica, Turbo C, Visual C, Math Type, Latex and other software

especially by Mathematics and other Science departments as and when the case of use arises.

- To use Microsoft Excel and Power Point by various departments of Science and Arts faculties of the College for handling the relevant empirical data.

Besides all these the College intends to introduce the use of other newly innovated technologies and methods for making the teaching more effective in no time.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

The students and faculty are exposed to advanced level of knowledge and skills through the following ways:

- In the present time, it is highly advisable that students should not rely only on class lectures and procuring study materials from printed books and journals. There must be an open-mindedness to blend the traditional teaching-learning process with e-learning. **Blended Learning** has been partially initiated with the supply of e-resources to the students. The students are encouraged to browse the internet constructively to access study materials available therein.
- The institution always encourages the organization of expert lectures, workshops and seminars. Several departments of the College have taken initiative in organizing special lectures and seminars where renowned academicians from different field of study have given their deliberations through the modern technologies. In this context a clear understanding may be achieved from the Table 2.4 presented earlier.

2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students.

- Apart from regular interactions in class rooms, this College aspires to work towards the all round grooming of the students through holistic education. In this regard support is provided to the students in the forms of tutorial classes, UGC-funded remedial classes etc. Moreover every department is equipped with a seminar library facility where students can get access to learning resources. Thus a process of significant academic support to the students through the professional cores of the teachers is very much usual in this College.
- The Entry in Services sub-committee conducts UGC-funded courses on SSC and

WBCS to train the students for competitive examinations which is their personal affairs. Besides such organized form, students in such personal affairs are observed to become gainful from the individual teachers also.

- Departmental teachers, sharing a genial relationship with the students, provide psycho-social support to them in the cases they are found at a disturbed state of mind originated out of psycho-social aspects by encouraging them to discuss their problems freely with them. Here Student Affairs sub-committee plays a leading role. There is an Anti-ragging sub-committee which shoulders responsibility of sensitizing the students against the mal-practice of ragging which is also responsible for the psycho-social problems of the students.

Thus, through the blending of professional counseling, mentoring and academic advice the College gives support to the students in the cases of the noted affairs. The cent percent of the interested students seeking supports in academic and personal affairs are provided the same. The number of students suffering from psycho-social problems is very much negligible here. This negligible number is seen benefitted significantly through the said process. In a word this College in respect of all these affairs performs the role of an ancient school of learning.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years. What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The following innovative teaching approaches have been adopted by the faculty during the last four years:

- To construct two lecture theatres well equipped of modern e-technologies.
- To use the modern e-technologies in a notable extent besides the traditional methods and approach of teaching in these two lecture theatres.
- The following are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches:
- To organize seminars, workshops, conferences, symposia and invited lectures by different departments besides usual classes.
- To allow them for participating in time in the Orientation, Refreshers and other

courses of studies.

- vi. To allow them for organizing debates, extempores etc.
- vii. To allow them for showing films and documentaries.
- viii. To allow them for organizing excursions and study tours.

From the internal evaluation made by IQAC, it is disclosed that the impact of all these upon the students of the College is very much encouraging.

2.3.9 How are library resources used to augment the teaching-learning process?

For any College, the library acts as a store house of knowledge. The Central library of our College is one of the oldest libraries of this region with a treasure of over 70,000 books and a number of journals, some of which are rare. Library is also regularly embellished by purchasing new books and journals. The College library maintains institutional membership through subscription of N-LIST programme of UGC-INFONET to promote academic studies and research work. Besides the Central library, each department owns a seminar library from where teachers and students can refer and borrow books. All these library facilities are available to teachers and students as and when necessary. Such an easy access of library resources to the teachers and students has a vital role in augmenting the teaching-learning process of the College.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

Like every College this institute tries to follow the academic calendar as far as practicable. However, due to election process (Parliamentary/ Assembly/Panchayat) the pre-planned schedule needs to be adjusted. In order to prevent disruption of scheduled classes, teachers arrange extra or special classes even on their lesson preparatory days. In PG courses semester system is followed. This system imposes a greater challenge to complete the syllabi. In this regard, special classes are arranged during Summer and Puja vacations also.

2.3.11 How does the institute monitor and evaluate the quality of teaching-learning?

The IQAC occasionally visits various departments to check the regularity of classes, the attendance of the students and suggests ways of improving the standards by arranging discussions, tutorials, seminars etc. It also monitors the results of students in various College

examinations. It also asks various departments to take regular feedback from the students and their guardians. This helps in maintaining the quality standard of the College as a whole. The various feedback obtained are analyzed and reviewed to meet the demands.

2.4 TEACHER QUALITY

2.4.1 Provide the following details and elaborate on the strategies adopted by the College in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The teaching service in this College is cadre based service. The recruitment and allied processes of teachers is under the purview of West Bengal Public Service Commission and placement in Colleges is controlled by the Department and Directorate of Higher Education, Government of West Bengal. In order to meet the changing requirements of the curriculum teachers are always allowed to participate in the relevant workshops organized by the affiliating University(s) and other equivalent educational institutes as and when this is meant for. Besides this they are encouraged to participate in the orientation and relevant refresher courses for equipping them with the change in the curriculum. Above all, for maintaining their dynamicity in this regard the College authority through the library grant on the part of the state government and UGC are always used to collect current editions of books on different subjects and recent volumes of subject-wise relevant journals.

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years

Though the College is yet to introduce any new programme particularly on Biotechnology, IT, Bioinformatics etc., it has four post graduate courses so far (PG course in History being introduced after the first NAAC visit in 2008). For teaching these courses, apart from utilizing the expertise of existing resources, the institution attempts to invite academicians of various fields from different institutes as guest faculty. With a view to coping up with this affair in the case of UG section of the Morning Shift, the College authority recruits well qualified part-time faculties as per the existing norms of the state government and UGC,

seeking prior permission of the state government. The outcome of these efforts is the smooth conduct of the teaching learning process not only for the last three years but also for all the years before and after.

2.4.3 Providing details on staff development programmes during the last four years

(a) elaborate on the strategies adopted by the institution in enhancing the teacher quality

As per UGC guidelines, the faculty members of this College are regularly sent to various faculty development programmes utilizing by UGC Academic Staff College, affiliating University(s) and other reputed utilizing approved by UGC. For an understanding about these measures Table 2.5 may be consulted.

Table 2.5: Year-wise Number of Faculty Members Sent to Various Faculty Development Programmes during the Years 2011-12 To 2014-15

Academic Faculty Development Programmes	Year-wise Number of faculty sent			
	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)
Orientation Programmes	5	6	3	3
Refresher Courses	4	6	9	10
Staff training conducted by the affiliating University(s) and others	Nil	Nil	Nil	Nil
Summer / winter schools, workshops organized by different institutes	Nil	Nil	1	5

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

The College has no formal structure for organizing faculty training programmes to empower and enable the use of various tools and technology for improved teaching learning processes. In spite of this knowledge management, selection, development and use of enrichment materials, assessment techniques, cross cutting issues, Audio Visual Aids and multimedia etc., are taken care of through the setting up of informal networks both within and outside the institution. The details regarding these issues are noted below:

- **Teaching learning methods/ approaches:** Faculty are allowed to participate in orientations programmes, refresher courses, summer/ winter schools, workshops to upgrade themselves with newer and innovative teaching-learning approaches.
- **Handling new curriculum:** Some teachers being the members of Board of Studies (BOS), communicate suggestions received by them from teachers of different departments to the University of North Bengal and Cooch Behar Panchanan Barma University which are the

affiliating universities of the College. Teachers are encouraged to participate in Workshops organized in this regard and thereby play a contributory role towards the implementation of the information gathered from the workshops, within the academic framework of the College.

- **Knowledge management:** Attending Refresher Courses by the faculty on a regular basis is aimed towards the up gradation of ideas of knowledge management. A computer laboratory adjacent to the Department of Mathematics provides ample scope for the teachers to get abreast of newer versions of digital languages and programmes.
- **Selection, development and use of enrichment materials:** Both UG and PG Departments have very little scope in this regard, though they may send their suggestions through the members of BOS to the concerned universities.
- **Assessment:** IQAC is given this responsibility to constantly monitor and review the practice of new methods within teaching-learning process. The feedback that the cell receive from the students' corner, keep them informed about the success or failure of these assessment methods.
- **Cross cutting issues:** Programmes organized by the Women's cell of the College on gender related issues, human rights etc. aim to highlight this socially crucial concern and thereby enlighten teachers and students on laws, rules and regulations pertaining to these areas.
- **Audio Visual Aids/ multimedia:** Teachers are encouraged to give power point presentations while giving class lectures, film and documentary screening are also done in this regard.
- **OER's:** Open Educational Resources (OER's) such as free softwares, wikis, freely available academic e-resources, etc. are used by teachers to enrich the students.
- **Teaching learning material development, selection and use:** Methods for selection of conventional teaching- learning materials such as books, journals by the teachers are constantly kept under review. The College library provides facility of institutional membership through subscription of N-LIST programme of UGC-INFONET to promote academic studies and research work. Teachers also contribute in the enrichment of available resources by writing articles, chapters in books/ journals etc.

2.4.4. What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience

in other national institutions and specialized programmes industrial engagement etc.)

A.B.N. Seal College motivates its faculty to develop their research aptitude by encouraging them to undertake minor and major research projects from the funding agencies namely UGC, DST, ICPR, ICHR, ICSSR etc. Besides this there is a Seminar and Research Subcommittee to monitor the research activities of the faculty members. The enthusiasm of the College teachers to pursue research activities often get reflected through a number of articles published in national and international journals and in the two institutional journals namely *Victorian Journal of Arts* and *B.N. Seal Journal of Science*.

2.4.5. Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

The detail regarding this issue is as follows:

- Dr. Willie Henry, Associate Professor of Zoology of the College, received invitation as a Guest Speaker at the EPS Global 1st International Pathology Forum held on 17th and 18th September, 2010 at Changsha, Hunan, China.
- Dr. Debasish Kundu, joined in the far end of the year 2015 in the Department of Chemistry being conferred with *Eli Lilly Asia- Outstanding Thesis Award* 2015 for his contribution in the field concerned.

These two notable persons have achieved the honor before joining in this College. Virtually the genial, healthy institutional culture and environment of this College has no contribution behind such achievement, but the circulation of informations among the faculties of the present place of their posting that is ABN Seal College about such achievements have immense contributions on the faculties of the College. They are very much encouraged to continue densely their ongoing research activities. As a consequence, their tendency of participation in various seminars and likely others along with the publication of scholarly articles in the journals of the College and outside institutes, societies is observed to be rising.

2.4.6. Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Third year collegiate students are given the scope of communicating their feedback ideas by filling up a prescribed feedback form provided to them by the respective departments. These forms are used to be analyzed by the IQAC and the reports are discussed with the departmental teachers in the presence of Principal. Suggestions, if any, are given to the teachers for adopting remedial measures and thereby improving the standard of teaching-learning process.

2.5. EVALUATION PROCESS AND REFORMS

2.5.1. How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The stakeholders of the Institution especially students and faculty are made aware of the evaluation processes of the College and the affiliating University(s) through the Prospectus, Academic Calendar etc. at the time of admission. The students come to know about examination and question patterns also through interaction with teachers. Most of the faculty members are involved in evaluation of answer scripts of the University examinations and act as paper setters, moderators, and scrutinizers. Thus they have a vivid understanding about the evaluation process of the University(s). All this makes them able to provide relevant awareness to the students in the case of evaluation process.

2.5.2. What are the major evaluation reforms of the University that the institution has adopted and what are the reforms initiated by the institution on its own?

The following evaluation reforms of the affiliating University(s) (henceforth University) have been adopted by the College

- Introduction of spot evaluation of answer scripts of the final year examinees on and from 2008
- Implementation of semester system in PG courses on and from 2010.

2.5.3. How does the institution ensure effective implementation of the evaluation reforms of the University and those initiated by the institution on its own?

With a view to ensuring effective implementation of the evaluation reforms of the University, the Institution maintains regular liaison with the University administration, i.e., the Controller of Examinations, Registrar, Inspector of Colleges etc. by regularly attending relevant meetings. Faculty members are appointed as paper setters, moderators and

examiners, head-examiners etc. Some of the teachers as the member of the Board of Studies express and exchange views with teachers of the University and other Colleges and thereby offering and obtaining suggestions on matters of evaluation reforms.

The College administration implements the reforms cropped out of the process as discussed through the University Examination sub –Committee formed by the Teachers’ Council. This ensures the smooth running of the examination system. This committee also keeps track of all the developments in the University evaluation procedure. To ensure effective implementation of the evaluation reforms initiated, within the College, there exists a College/Internal Examination sub-committee constituted under the purview of the Teachers’ Council.

2.5.4. Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Detail in this regard is given in the following line.

- **Formative Assessment:** To ensure a continuous process of assessment of student’s performance the concerned departments of the College undertake the method of formative assessment by conducting class tests /or and likely others all the year round , and College annual Test Examination three months before the commencement of University Examination. A chance is even provided to the students to rectify their mistakes by the teachers showing them the evaluated answer scripts and even offering them suggestions for further improvement.

- **Summative assessment:** It is done through the University final examinations which are held in UG courses (1+1+1 Pattern) and through the Semester pattern for PG courses.

After the publication of result if the academically sound students express dissatisfaction over the marks received by them, in those cases, the Departmental teachers encourage the students to fill up applications for “Reviewing of Answer Scripts”, in support of students’ claim for higher marks. This process of reviewing of answer scripts has a positive impact on the assessment process of the University. As a consequential evidence or example one may note here that the assessment process has becoming more and more methodical over the past years. And for this the students are becoming less interested to review their answer scripts.

2.5.5. Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

Transparency is maintained with vigor with regard to the process of Internal Assessment of the students through the efforts of the departmental teachers keeping a constant vigil on the overall performance of the departmental students. They maintain a record of marks obtained by the students in Class Tests and College Annual Tests in Registers allotted for the purpose. In addition to this, the Central Tabulation sub-Committee shoulders the responsibility of keeping the record of marks of Internal Test Examinations.

Behavioral aspects, independent learning, communication skills etc. are monitored by the teachers of the respective departments as well as the Student Affairs sub-committee. Departments motivate students to present papers in seminar; take part in debates, mock parliament, Quiz and character building competitions, extempores with an aim to increase their self confidence as well as to extract the talents inherent in them.

In the cases of any attitudinal and behavioral problems related to any student, the Authority comes forward in the case the situation becomes too serious. There is however no system of attributing weightage for the overall measurement of the above mentioned skills.

2.5.6. What are the graduates attributes specified by the College/ affiliating University? How does the College ensure the attainment of these by the students?

In order to mould its students into talented professionals in their respective fields, the College endeavors to create an ambiance with global waves and vibrations. They are expected to have a strong understanding of the fundamentals of the discipline undertaken during the time they complete the programme. Self reliance and skills in communication, coordination, planning, management, academic writing and presentation are also imparted to the students so that they can undertake any career that demands these skills. All these skills develop the personality and outlook of the students and generate in them a social orientation. All the activities of the departments and the College are designed with this aim. Besides these, the College tries to provide the students with a congenial ambiance to nurture their potential. They are encouraged to participate in various talent-oriented programmes, games and sports related

activities, to inculcate a spirit of ideal citizenship. In addition to these, teachers inspire students for participating in more and more numbers of extension activities ensuring a holistic development of their personalities during their course of study.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the College and University level?

In the case of grievances regarding evaluation at the College level, following steps are followed:

- Answer scripts are shown to the students and suggestions are given to the students to meet up their questions.
- Papers may be scrutinized again in front of the students. The concerned teacher often explains to the students their weak points and ways for further improvement.
- If not satisfied, the students may directly approach the Head of the respective Department with their queries.
- Lastly, there is a Students' Affairs Sub-committee in the College which may be approached. In that case, the members of the Cell and Head of the Institution jointly take a decision.

For redressal of grievances with reference to evaluation at the University level, following steps are followed:

- The students may apply for scrutiny, re-examination or review of answer scripts in the prescribed proforma, forwarded by the College authority.
- The scripts are then scrutinized or re-examined, as the case may be, by a different scrutinizer or examiner.
- Sometimes, if needed, photocopies of scripts are shown to the examinee.
- The result after Review or Scrutiny are sent to the College office which are then displayed in College notice boards and after the stipulated time the new mark-sheets are also sent to the same for distributing to the concerned students.
- Students may also directly approach the Controller of Examinations or the Vice-Chancellor for intervention on their part.
- Students may also take help of RTI 2005.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Does the College have clearly stated learning outcomes? If 'yes', give details on how the students and staff are made aware of these?

The College attempts always to state clearly the learning outcome to the students. In doing this the College at the point of first entry of the students manifests the mission and vision of the College and the same of the nation also in the occasion of celebrating their entrance. And in the same occasion the collective speeches of the teachers clearly point out the aim of life of a human being and the process of attaining that. From all these students are made aware of the learning outcome that is to be an ideal citizen of the nation in particular and the world as a whole. Alongside they are made aware of the fact that the instantaneous learning outcome to them is the attainment of those qualities which are very much essential to establish them in the economic sphere of life. In the case of staff the College authority always reminds them about their learning outcome that is to be an ideal citizen in terms of their contribution towards the institution from where they earn their livelihood in various meetings regarding the administrative and similarly other issues of the College.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The progress and performance of every student is closely monitored throughout the year by the respective departments and its teachers. After each internal examination, results are displayed on the departmental notice boards. Teachers discuss with the students about their performance and the ways and means of improvement. Parents of slow learners are especially informed, often through formal parent-teacher meets, about their wards' performance. After the declaration of University results of the interim years of the courses the same is displayed on the College notice board and the same measures are followed again for the progress of the performance. The recurrent practice of such methods gives ultimately encouraging outcome in the final examinations of both UG and PG programmes for a clear understanding about this with the help of least possible information, the Tables 2.6 and 2.7 are given here. The

information about the performance of the students in the Final University Examination given in tables jointly corroborate more or less with the earlier stated outcome in the context of a number of subjects. For more clear understanding of the information given in the Table 2.7, Diagrammatic expositions constructed on the basis of this table are also presented here in the Figures: 2.1, 2.2, 2.3 and 2.4 respectively.

Table 2.6: Subject and Year wise Percentage of Students Securing First Class marks (60%) in Final University Examinations at the UG-Honours level* for the last four years from the Year 2011-12 to 2014-15

Subjects (1)	Years											
	2011 -2012			2012 -2013			2013-2014			2014 -2015		
	(2)			(3)			(4)			(5)		
	A	I	%	A	I	%	A	I	%	A	I	%
Bengali(H)	24	Nil	0	26	Nil	0	29	Nil		30	Nil	
Economics(H)	-	Nil	0	01	Nil	0	-	Nil	0	02	Nil	
English(H)	35	Nil	0	28	Nil	0	27	Nil	0	33	Nil	
Geography (H)	17	Nil	0	14	01	7.14	14	01	7.14	16	06	37.5
History(H)	35	Nil	0	30	Nil	0	34	Nil	0	26	Nil	
Philosophy(H)	10	Nil	0	24	09	37.5	30	05	16.67	28	03	10.71
Pol. Sc.(H)	17	Nil	0	21	Nil	0	27	Nil	0	25	02	8
Sanskrit(H)	28	12	42.85	33	18	54.54	24	12	50	30	10	33.33
Botany(H)	08	01	12.5	20	04	20	07	Nil	0	12	02	16.66
Chemistry(H)	11	06	54.54	14	08	57.14	10	04	40	10	02	20
Mathematics (H)	23	09	39.13	23	14	60.87	25	16	64	30	20	66.67
Physics(H)	22	11	50	19	09	47.37	15	07	46.67	21	08	38.09
Physiology (H)	-	-		-	-		-	-		-	-	
Zoology (H)	14	03	21.43	15	02	13.33	23	03	13.04	17	02	11.76

*Note: *The College is basically an UG- Honours College. For this the informations regarding UG Honors are furnished here. A: No. of students appeared, I: No. of students securing 1st Class.*

Table 2.7: Subject and Year wise Percentage of Students Securing First Class marks (60%) and below 60% in Final University Examinations at the UG-Honours level* for the last four years from the Year 2011-12 to 2014-15

Subjects	Years																			
	2011 – 2012					2012 – 2013					2013-2014					2014 -2015				
	No. of Students appeared	Students obtained 1 st Class		Students passed below 60% marks		No. of Students appeared	Students obtained 1 st Class		Students passed below 60% marks		No. of Students appeared	Students obtained 1 st Class		Students passed below 60% marks		No. of Students appeared	Students obtained 1 st Class		Students passed below 60% marks	
		No of students	Avg. % of Marks	No of students	Avg. % of Marks		No of students	Avg. % of Marks	No of students	Avg. % of Marks		No of students	Avg. % of Marks	No of students	Avg. % of Marks		No of students	Avg. % of Marks	No of students	Avg. % of Marks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Bengali(H)	24	0	0	23	48	26	0	0	26	50	29	0	0	29	48.81	30	0	0	28	55
Economics(H)	0	0	0	0	0	01	0	0	01	51	0	0	0	0	0	02	0	0	02	50
English(H)	35	0	0	35	49.75	28	0	0	28	50.18	27	0	0	27	48.75	33	0	0	32	55
Geography(H)	17	0	0	17	52	14	01	60	13	51	14	01	62	13	53.81	16	06	64	10	54
History(H)	35	0	0	34	48.75	30	0	0	29	48	34	0	0	33	52.12	26	0	0	22	52.8
Philosophy(H)	10	0	0	09	48.31	24	09	62.81	15	51.25	30	05	65	20	50	28	03	61	25	52.4
Pol. Sc.(H)	17	0	0	17	47.68	21	0	0	19	51.25	27	0	0	27	48.68	25	02	60	21	50.9
Sanskrit(H)	28	12	62.18	16	49.5	33	18	63.43	14	56	24	12	65.12	11	52.37	30	10	64	20	51
Botany(H)	08	01	61	07	48	20	04	62	16	49	07	0	0	07	54	12	02	62.81	10	51
Chemistry(H)	11	06	68.8	05	48.37	14	08	65.62	08	55.37	10	04	66.87	05	54.75	10	02	64.8	08	52
Mathematics(H)	23	09	69	14	52.5	23	14	68	09	53.93	25	16	71.17	08	55.87	30	20	71.75	10	56.87
Physics(H)	22	11	68.37	11	55.5	19	09	67.68	10	48.31	15	07	67.62	05	51.18	21	08	66.75	13	52
Zoology(H)	14	03	65.62	11	53.87	15	02	61.8	12	54	23	03	65	16	53.62	17	02	61	14	50.31
Physiology(H)*	Opened In The Year 2013-14																			

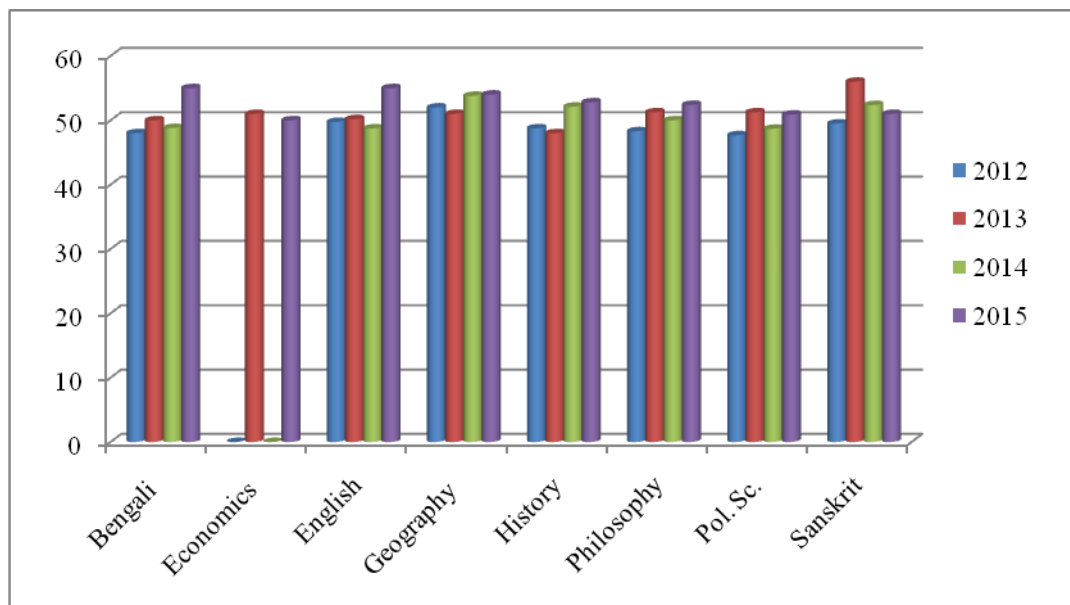


Figure 2.1: Subject wise average marks distribution within the year 2011-12 to 2014-15 for Arts students secured marks below 60%.

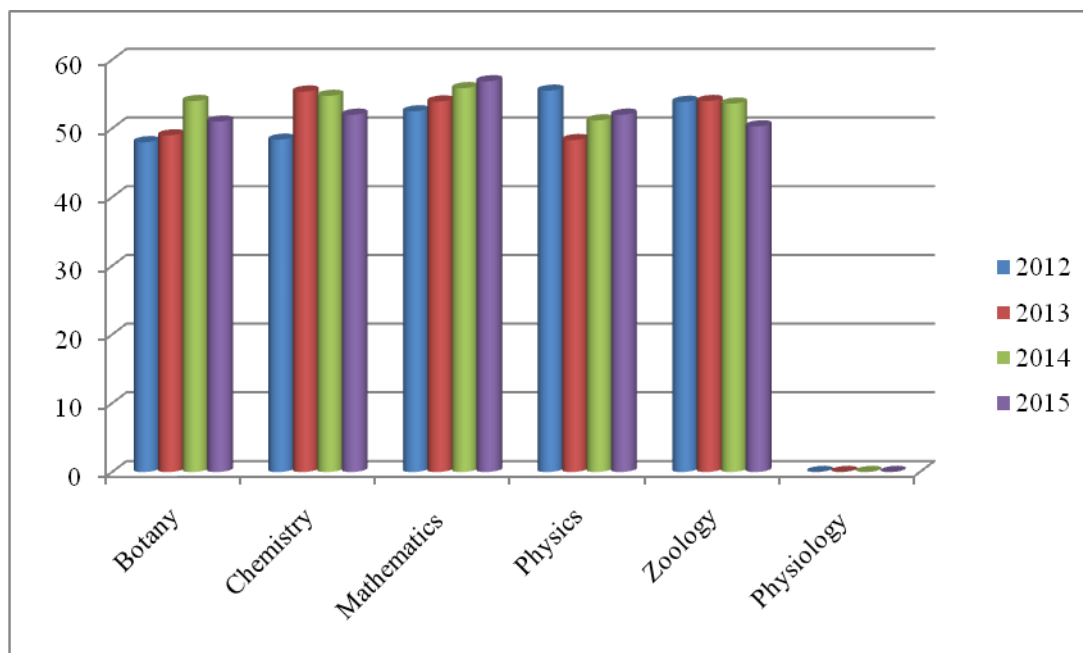


Figure 2.2: Subject wise average marks distribution within the year 2011-12 to 2014-15 for Science students secured marks below 60%.

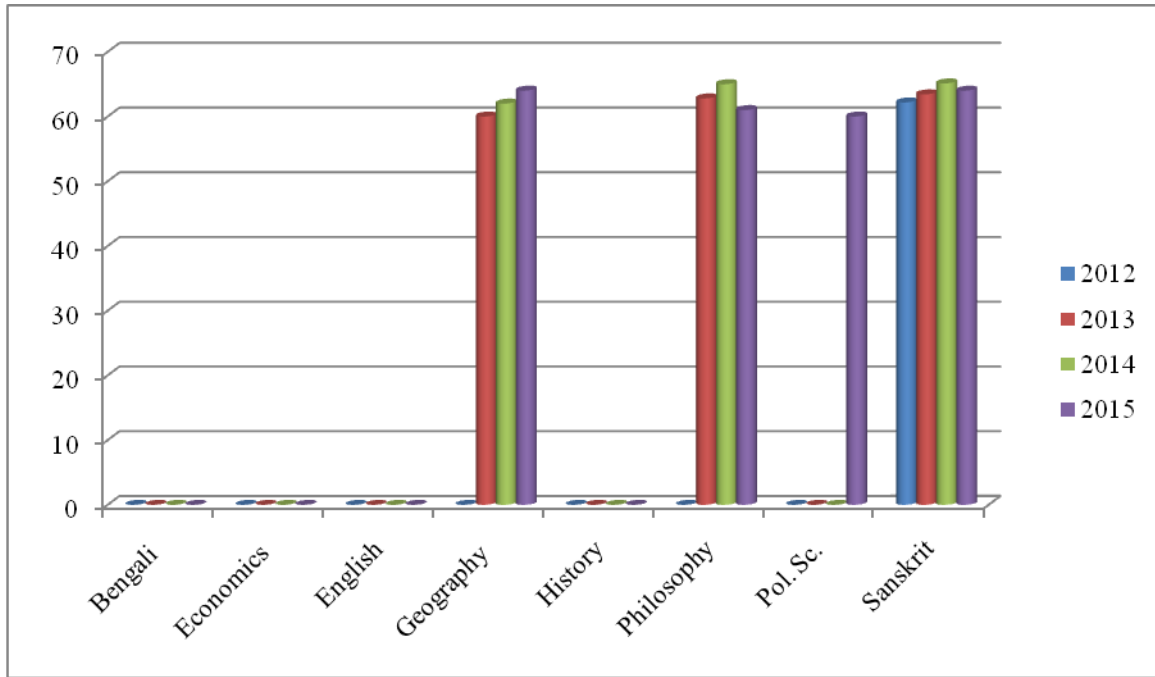


Figure 2.3: Subject wise average marks distribution within the year 2011-12 to 2014-15 for arts students securing 1st class marks (60%)

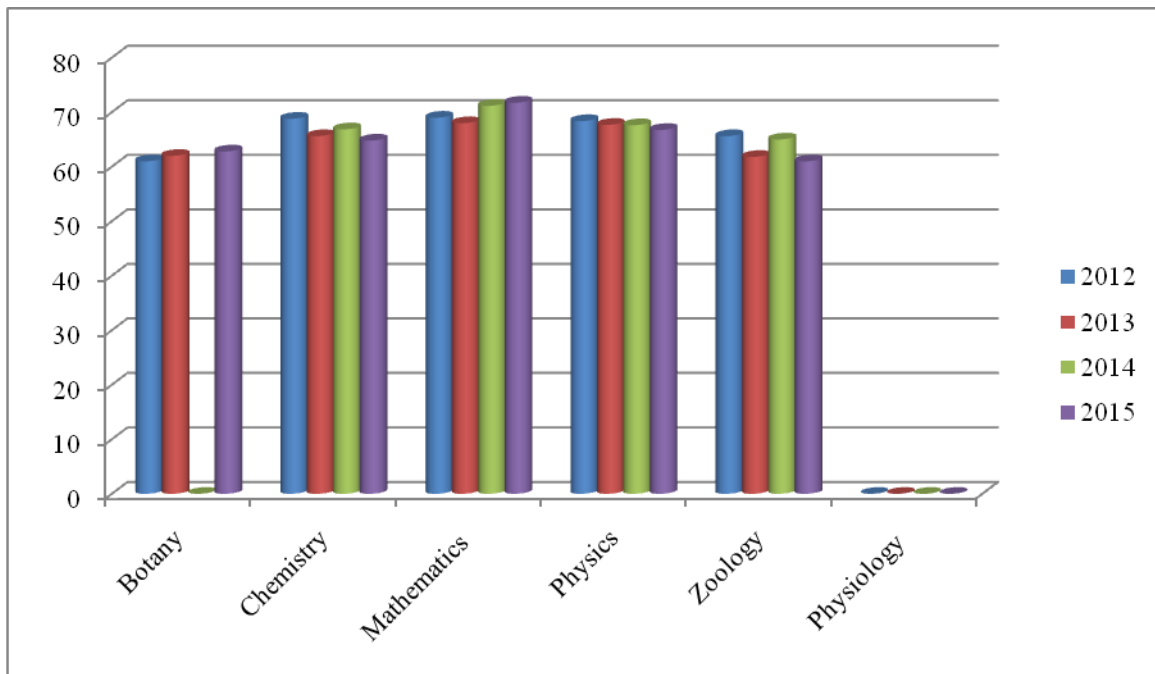


Figure 2.4: Subject wise average marks distribution within the year 2011-12 to 2014-15 for Science students securing 1st class marks (60%)

2.6.3. How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The Institution promotes learning through assignments, seminars, project works and practical classes, through which the students acquire and develop skill in collecting, processing, analyzing and presenting the scenario of empirical world around them and also develop dexterity in communication, co-ordination, planning, management and academic writing. The Institution encourages field visit, educational excursions, study tours, institute visits and interaction with experts through seminars and workshops, by which the students develop their knowledge, personality, consciousness on conservation of natural resources and social orientation. Students and staff are made aware of these through prospectus, academic calendar, classroom teaching, interactive sessions, parent-teacher meets etc. and through programmes like the Annual Day function, Republic Day, Independence Day, Banamahotsav and Awareness Programme conducted by Women's Cell. The Entry in Services Cell of the College distributes booklets/ brochures containing information on recruitment processes in higher education institutions and quality jobs and also conducts SSC and WBCS coaching classes. In addition to this Placement Cell, executes the concerned activities for the interest of the inside and outside students of the College. Compulsory course in Environmental Studies, following University regulations as introduced for First year students from 2015-16 session, provide training in ecology and environment related issues. Co-curricular group activities like NSS and cultural programmes foster self-development, community service, national integration and accountability towards the society in general. In a word, all these are the measures followed by the institute to achieve the intended learning outcome noted earlier.

2.6.4. What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

At the outset of an academic session teachers make themselves introduced to the fresher in class rooms and through introductory talks, make them aware of the social and economic relevance of the course concerned. Teachers focus on how the study of the courses can be practically significant by explaining the job opportunities and scope of further studies and research opportunity in the subjects. Departments organize seminars and invited lectures to

discuss the issues relating to the impact of studying the subjects in the society.

UGC sponsored –The Entry in Services Cell of the College provides relevant information on recruitment processes and also conducts SSC and WBCS coaching classes. In addition to this Placement Cell shoulders responsibilities concerning the job interest of the inside and outside students of the College.

2.6.5. How does the institution collect and analyse data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Departments collect data on students learning, primarily on the basis of the results obtained in the College Examination and University Examination which is centrally maintained by The Tabulation sub-committee and send to the IQAC from time to time for the preparation of Annual Quality Assurance Reports (AQAR). Faculties of the departments also collect feedbacks from students and their parents which is subsequently analyzed by the IQAC. In the Departmental meetings teachers discuss about the performance of the students and bring out ways to overcome barriers of learning of the students. If any matter of major concern requires a more generalized discussion, it is broached at Teachers' Council meetings.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

College authority monitors and ensures the achievement of learning outcome in the following manners:

- Class Tests and Comprehensive Selection Tests are conducted and the answer scripts are also shown to the students to help them to analyze their mistakes. Results of the College and University Examinations are analyzed in the departmental meetings as well as in the Teachers' Council meeting.
- The Head of the Institution, IQAC, Monitor the institutional learning outcome and communicate their valuable advice to the individual departments through which members of the Board of Studies from the College gets acquainted about these outcomes and convey these to the authorities of the University who keeps these suggestions in mind while bringing about modifications according to the present need for both UG and PG courses.
- The Placement Cell throws light on the job opportunities and avenues available in the market. Attention is also given to the PG students for preparations of NET/SET examination

by the NET/SET sub-committee.

- Entry in Services Cell is also active by providing free coaching classes for SSC and WBCS courses.
- Academically less advanced students are taken care of by the departments arranging Remedial classes for them.

It is worth noting that, the institution always encourages the Teachers to extend their valuable leisure time also for monitoring to achieve learning outcome of maximum possible order. Accordingly the Teachers of this College are observed to engage themselves intensively in this case through the manner desired by the institute.

2.6.7. Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.

The Institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of objectives and planning. Institutions’ faculty members appraise the students’ academic performance on the basis of class tests, Comprehensive selection test/Annual tests where the students are given a chance to know about their presentation in answer scripts as well as the lacunas existing in their answers. This helps them to rectify their loopholes and perform reasonably well in the ultimate University examinations. These may be made clear from the tabular and graphical presentation of the relevant empirical data-based example given in the Tables 2.6, 2.7 and related diagrams – 2.1., 2.2, 2.3, 2.4 respectively.

2.6.8 Any other relevant information regarding Teaching-Learning and Evaluation which the College would like to include:

In the case of teaching-learning and evaluation, the College also tries to follow a blending of ancient Indian *Gurukul* method and Socratic Lyceum pattern with modern system for achieving the best possible outcome of learning.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

3.1.1. Does the institution have recognized research centers of the affiliating University or any other agency/organization?

It is needless to say that, this is a State Government College. This type of College cannot open or establish such type of centre as it was in the former Presidency College, Kolkata adjoining with the Department of Economics, without the Government initiatives and likely policies. For this reason, this College has yet no recognized research centres of the affiliating University or any other agency/ organization. But many faculties with dense research aptitude are working here as the teachers of the College. They are very much involved in carrying on research activities with the assistance of research grant-in-aid from UGC, DST and other funding agencies. Tables 3.1 and 3.2 may give a clear picture in this regard. In addition to this, it is worthwhile to note that, some faculties are supervising the Ph. D. students registered under different Universities as chief supervisors and co-supervisors. The Table 3.3 amply discloses this aspect.

Table-3.1: Minor Research Projects undertaken by the different faculties up to the current year (2016)

Sl. No.	Name of the Principal Investigator and Department	Duration in Years		Name of the Funding agency	Total amount sanctioned (in Rs.)	Total amount received till date (in Rs.)
		From	To			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Nivedita Chakraborty (Dutta) Assistant Professor, Dept. of Bengali	2014	2016	UGC	1,60,000	1,22,500
2	Anil Sarkar Assistant Professor, Dept. of History	2009	2012	UGC	97,000	97,000
3	Ram Krishna Biswas Assistant Professor, Dept. of History	2015	Cont...	UGC	1,25,000	85,000
4	Anil Biswas Assistant Professor, Dept. of Political Science	2010	2013	UGC	10,1,500	10,1,500

5	Manoj Kumar Haldar Assistant Professor, Dept. of Political Science	2014	Cont...	UGC	2,00,000	1,45,000
6	Sudipta Paul Assistant Professor, Dept of Political Science	2015	Cont...	UGC	2,15,000	1,67,500
7	Mrinal Kanti Basak Assistant Professor, Dept. of Philosophy	2014	Cont...	UGC	3,00,000	2,35,000
8	Binod Chandra Sharma Associate Professor, Dept of Botany	2015	Cont...	UGC	4,20,000	2,60,000
9	Kalidas Das Associate Professor, Dept. of Mathematics	2015	Cont...	UGC	2,70,000	2,10,000
10	Nilay Kumar Maitra Assistant Professor, Dept. of Botany	2015	Cont...	UGC	3,25,000	2,70,000
11	Ramkrishna Pramanik Assistant Professor, Dept. of Chemistry	2015	Cont...	UGC	3,25,000	2,42,500
12	Nirmalendu Hui Assistant Professor, Dept. of Physics	2013	2015	UGC	1,57,000	1,57,000
13	Partha Sarathi Debnath Assistant Professor, Dept. of Physics	2013	2015	UGC	96,000	96,000
14	Sri Debojyoti Dutta Assistant Professor, Dept. of Zoology	2013	2016	UGC	1,20,500	1,20,500
17	Dipan Adhikary Assistant Professor, Dept. of Botany	2011	2012	UGC	1,54,000	1,54,000
18	Suman Mukherjee Assistant Professor, Dept. of Zoology	2013	2016	UGC	1,28,000	1,28,000
19	Tuhin Ghosh Assistant Professor, Dept of Chemistry	2013	2016	UGC	1,98,00	1,98,00
20	Asit Biswas Assistant Professor, Dept of English	2009	2013	UGC	80,500	80,500
Total	Overall Teachers	-	-	-	31,50,300	26,91,800

Table- 3.2: Major Research Projects undertaken by the different faculties upto the current year (2016)

Sl. No.	Name of the Principal Investigator and Department	Duration in Years		Name of the funding agency	Total amount sanctioned (in Rs.)	Total amount received till date (in Rs.)
		From	To			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Anil Kumar Sarkar, Assistant Professor, Dept. of History	2012	2015	UGC	2,29,000	2,15,000
2	Prabir Banerjee (hosted at the IIT Roorkee, Uttarakhand), Assistant Professor, Dept. of Physics	2013	2016	DST-SERB	25, 08,400	13,50,000
Total	Overall Teachers	-	-	-	27,37,400	15,65,000

Table-3.3: Information about Research Scholar guidance by Faculty Members

Sl. No.	Name of Faculty & Department	Department	Specialization	No. of research Scholars Supervised in the last 4 years as
(1)	(2)	(3)	(4)	(5)
1	Dr. Willie Henry, Associate Professor	Zoology	Genetics	4 (Supervisor)
2	Dr. Kalidas Das, Associate Professor	Mathematics	Fluid Mechanics	5 (Co-supervisor)
3	Dr. Nilay Roy (transferred in December, 2011), Associate Professor	Zoology	Genetics	3 (Co-supervisor)
4	Dr. Binod C. Sarma, Associate Professor	Botany	Microbiology	4 (Supervisor)
5	Dr. Samir Kumar Samanta, Associate Professor	Geography	Geomorphology	3 (Supervisor)

3.1.2. Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

This institution does have a Research Committee in the name of Seminar and Research Sub-Committee to monitor and address the issues of research. The composition of this sub-committee is as follows:

- Bimal Kumar Saha, Officer-in-Charge (Chairperson)
- Kalidas Das , Department of Mathematics, (Convener/ Director),
- Srijit Das, Department of Chemistry, (Associate Convener/ Associate Director)
- Subhendu Bikas Satpathi, Department of History, (Member)
- Dipankar Bhattacharyya, Department of Bengali (Do)
- Debojyoti Dutta, Department of Zoology (Do)
- Debapratim Chakraborty, Department of English, (Do)
- Ramkrishna Pramanik, Department of Chemistry, (Do)
- Tuhin Suvro Banerjee, Department of Physiology, (Do)

This Committee jointly with the IQAC of the College, informs teachers about various Research schemes and Fellowships as advertised by different Govt. and non-govt. funding agencies, encourages them to apply for the same. Before the final submission of the application this committee makes the careful editing of the project proposals and then recommends those. As a consequence a large number of project proposals have been sanctioned so far by different organizations. Tables 3.1 and 3.2 may give categorical understanding about the recommendations of this committee and the related impact at the same time.

3.1.3. What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

The following measures are taken by the institution to facilitate smooth progress and implementation of research schemes/projects:

- ***Autonomy to the Principal Investigator:*** Full autonomy is given to the Principal investigator for smooth conduct of the project.
- ***Timely availability or release of financial resources:*** Funds sanctioned by the different agencies are released without delay as and when required by the researcher from the relevant account of the College authority.
- ***Adequate infrastructure and human resources:*** The College provides major infrastructural facilities like library, laboratory, computer and internet to pursue research activities.

- ***Time-off, reduced teaching load and special leave etc. to teachers:*** Teachers in general are permitted to carry out their research work during summer and Pujā vacations. They can also pursue their work during the winter recess. Besides, one day per week is allotted for preparatory/research work. There is also a provision for Study Leave as per West Bengal Service Rules (WBSR) with prior approval from the Higher Education Department for completing research work. The teachers may avail this facility under Faculty Development Programme (FDP) scheme of UGC if required. Teachers who are pursuing M.Phil. / Ph.D. and required to attend Course Work are provided with flexible working schedule. On-duty Leaves are given to interested teachers/ researcher who will present papers/participate in seminars and conferences.
- ***Support in terms of technology and information needs:*** Laboratory facilities, equipments, Internet, ICT enabled research support system, etc. are made available to researchers as given in Section 3.3.
- ***Facilitate timely auditing and submission of Utilization Certificate (UC) to the funding authorities:*** All research grants and expenditure are audited by qualified auditors of auditing firms. The final audit report and UCs are sent to the funding agencies in due time.

3.1.4. What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The major steps taken to develop scientific temper and research culture and aptitude among students are:

- Teaching Learning method through the implementation of modern technologies.
- Preparation of dissertations by the PG students.
- Excursions and educational tours including Field Survey are compulsory in the UG curriculum of Geography, Zoology, Botany and Physiology also PG curriculum of History and Zoology. After the completion of this field survey, the students have to submit the related reports.
- Departmental seminars, student seminars, Science based contests, Science and other exhibitions and popular lectures for students and teachers are arranged for both UG and PG programmes.

- *Academic Book Fair* which is organized by this institute more or less in every year plays important role in the case of introducing the students of this remotest rural district town of West Bengal with the research oriented books, journals and others and at the same time makes those easily available for purchasing. Thus this fair adds something more in the reading habits and periphery of their knowledge. Observing such contribution of this, it may not be unwise to expect that **Academic Book Fair** has immense role to make the students equipped with noted qualities.
- Institution visit is one of the important mechanisms for developing aforesaid qualities among the students.
- Continuous interaction of the teachers with students injects the above qualities.
- Arrangement of oral and e-presentations of research articles by eminent researchers invited from various national level institutes of the country gives students to acquire these qualities.
- Writing in College Magazine, departmental Wall Magazines, tiny surveys by them may here be mentionable as complementary forces in this regard at the end.

3.1.5. Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)

The College places special emphasis on research activities strategically geared towards the needs of the students and the community at large. In consonance with this intention several socially relevant research projects, individual and collaborative have been undertaken by the faculty members. Tables 3.1 and 3.2 may be helpful to have a clear view in this respect.

3.1.6. Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

This College though situated in the farthest hinterland of West Bengal, is not out of the activities necessary for capacity building in terms of research and imbibing research culture among the staff and the student. Frequently various Departments of this College organize seminars, workshops, conferences and others congenial to the said type of development among the staff and the students. Tables 3.4 and 3.5 illustrate this aspect.

Table-3.4: Information Details about Seminar/Workshops organized by the College during the last four years (2011-12 to 2014-15)

Sl. No.	Title	Year	Organised by	Funding Agency
(1)	(2)	(3)	(4)	(5)
1	National Level Seminar-cum-Workshop on Exploring New Horizons on Translation: History, Theory and Practice.	2012	Department of English	UGC

Table 3.5: Information Regarding Research Oriented Lectures arranged by various Departments of the College during the Last Four Years (2011-12 To 2014-15)*

Departments	Number of Speakers invited	Number of Lectures arranged	Year	Funding Agency
(1)	(2)	(3)	(4)	(5)
Bengali	1	1	2012	UGC, Department of Bengali, ABN Seal College
	1	1	2013	UGC, Department of Bengali, ABN Seal College
	1	1	2013	UGC, Department of Bengali, ABN Seal College
Total	3	3	-	-
English	1	2	2011	UGC-CPE
Total	1	2	-	-
Philosophy	1	1	2012	UGC-CPE
	1	1	2013	UGC-CPE
Total	2	2	-	-
Geography	1	1	2011	UGC, CPE Scheme
	1	1	2012	UGC, CPE Scheme
Total	2	2	-	-
Sanskrit	1	1	2011	UGC-CPE
	1	1	2012	UGC-CPE
	1	1	2012	UGC-CPE
	1	1	2012	UGC-CPE
	1	1	2012	UGC-CPE
	1	1	2012	UGC-CPE
Total	6	6	-	-
Physics	1	1	2012	UGC-CPE
	1	1	2015	A B N Seal College
Total	2	24	-	-
Chemistry	1	1	2012	UGC-CPE
	1	1	2011	UGC-CPE
Total	2	2	-	-
Mathematics	1	1	2012	UGC-CPE
Total	1	1	-	-
Zoology	1	1	2011	UGC-CPE
	1	1	2012	UGC
	1	1	2012	UGC-CPE
	1	1	2013	UGC-CPE
Total	4	4	-	-
Overall Total	23	24		

*Note: *Name of the Speakers, their affiliations, title of the lectures, and occasion of the lectures are furnished in the Annexure (Table no: 3.1 in Annexure III).*

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The faculty members of the College are actively involved in various types of research activities, namely, excursions, field studies, supervising student projects/ dissertations and pre-doctoral research guidance, besides pursuing their own research projects. The prioritized research areas of the existing faculty members involved in research are given below in the Table 3.6 which reflects their expertise in different fields.

Table 3.6: Information Details Regarding Prioritized Research Areas of the Exiting Faculty Members in which they are Expertise

Departments	Name of Faculty Members	Prioritized Research Areas and/or Field of Expertise
(1)	(2)	(3)
Bengali	Subrata Roy Chowdhury	Modern Poetry
	Dr.Arpan Chakrabarty (transferred on February 2016)	Comparative Literature
	Dr.Dipankar Bhattacharya	Novel and Short Stories
	Dr. Amaresh Mondal (transferred on November 2015)	Novel and Short Stories
	Dr.Nivedita Chakraborty(Dutta)	Comparative Literature
	Dr. Krishna Nandy(Bhowmik)	Novel and Short Stories
	Dr. Dibyatanu Dasgupta	Comparative Literature
	Arpan Roy Pramanik	Novel and short stories
English	Debapratim Chakraborty	19 th Century British Literature, Post-colonial Literature
	Sudeshna Mukherjee	Renaissance, 19th Century British Literature
	Niladri Tikadar	Modern European Literature
	Partha Pratim Dasgupta (on lien since July 2015)	American Literature, Modern and Postmodern Literature
Sanskrit	Dr. Kishor Kumar Rarhi	Tibeto-Burman Linguistics, Language Teaching, Historical Linguistics
	Amrita Ghosh	Indian Philosophy
	Arup Das	Veda
	Kalyan Panda	Veda
	Durbadal Mandal	Indian History, Epigraphy and Paleography
	Sushovan Chatterjee	Veda
Philosophy	Mrinal Kanti Basak	Logic, Philosophy of Language
	Mithu Sinha Ray	Psychology, Ethics
	Irani Sil	Logic & Feminist Epistemology
	Dr Sutapa Chakraborty	Logic, Western Epistemology, Philosophy of Mind
	Bishnupriya Saha	Post Modernism , Phenomenology
Geography	Dr Samir Kumar Samanta	Cartography & Geomorphology
	Writuparna Chakraborty	Regional & laming
	Dr Suman Paul	Cartography, Environmental Geography

	Dr Anirban Roy	Cartography, Environmental Geography
	Dr Pritesh Ch Biswas	Cartography
	Partha Das	Cartography,
	Suchitra Ray	Agricultural Geography, Population Geography
History	Anomitra Das	Modern India
	Subhendu Bikas Satpati	Modern India
	Pranjan Paramita Sarkar	Modern India
	Anil Kumar Sarkar	Medieval India
	Rudrani Bhattacharya	Modern India
	Ramkrishna Biswas	Medieval India
	Rajasree Dutta	Modern India
Arka Acharjee	Ancient India	
Economics	Bimal Kumar Saha	Econometrics & Agricultural Economics
	Debabrata Lahiri	Advanced Economic Theory
	Prathama Ray	Statistics & Econometrics, Urban Economics
	Dilip Kumar Das	Econometrics & International Trade
	Madhuchandra Bhaduri	
Zoology	Dr Willie Henry	Genetics
	Dr Saswati Sinha	Neurobiology
	Sri Hemen Biswas	Entomology
	Sri Debojyoti Dutta	Cell & Molecular Biology
	Sri Satadal Adhikary	Genetics
	Sri Prem Rajak	Molecular Biology & Genetics
Physiology	Dr Ashis Kumar Pandit	Ergonomics and Work Physiology
	Dr Tridib Chakraborty	Immunology And Microbiology
	Dr TuhinSuvro Banerjee	Endocrinology and Reproductive Biology
	Payel Banik	Biochemistry
Botany	Dr Binod Chandra Sarma	Microbiology
	Dr. Rajendra Prasad Dey	Taxonomy
	Niloy Kumar Maitra	Biochemistry
	Alokemoy Basu	Genetics and Molecular Biology
	Dr. Aninda Mandal	Pteridology and Palaeobotany
	Ajay Das	Plant Pathology
Physics		
	Dr. Prabir Banerjee	Theoretical Nuclear Physics
	Suchismita Maiti	Nuclear Physics
	Dr. Partha Sarathi Debnath	Cosmology
	Shri Chayan Saha	Condensed Matter Physics
	Dr. Rahul Das	Condensed Matter Physics
	Shri Suman Sadhukhan	Nuclear Physics
	Shri Biplab Kumar Mandal	Condensed Matter Physics
Shri Nirmalendu Hui (transferred on 11.03.15)	Non-linear Dynamics and Chaos	
Political science	Shampa Dutta	Local Government & Politics, Comparative Politics
	Animesh Mandal	International Relations
	Mrinal Das (transferred)	Indian State and Society
	Sudipta Paul (transferred)	Socialist political thought
	Arnab Dasgupta (transferred)	International Relations
	Chandrasekhar Pandit (transferred)	Public Administration

	Ram Chandra Pramanik (transferred)	Public Administration
Chemistry	Ramkrishna Pramanik	Physical Chemistry
	Jibanananda Jana	Inorganic Chemistry
	Rajarshi Chatterjee	Inorganic Chemistry
	Srijit Das	Inorganic Chemistry
	Suranjan Sikdar	Inorganic Chemistry
	Debashis Kundu	Organic Chemistry
	Totan Ray	Organic Chemistry
	Amar Hens	Inorganic Chemistry
Mathematics	Dr. Kalidas Das	Elasticity and Plasticity
	Dr. Lakshmi Narayan De	Operational Research
	Amiya Biswas	Number Theory
	Md. Tausif Sheikh	Fluid Mechanics

3.1.8. Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

The following are the efforts of this institution in attracting researchers of eminence, to visit the campus and interact with teachers and students:

- Organizing research oriented lectures in frequent times.
- Organizing frequently, seminar, workshop, conference etc.
- Giving time and labour continuously for fund management from the Govt. and non-govt. funding agencies of the nation.

3.1.9. What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

There is no question of enjoying the facility of Sabbatical leave by the faculties in this College because this is a College directly under the supervision of the Government of West Bengal. Till date the Govt. has not framed any congenial policy for such leave. Therefore the percentage in this case is nil.

3.1.10. Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

The following are the details of initiatives in this regard:

- Arranging special micro-lectures in the working days of the Departments where only departmental students and teachers become present.

- Arranging special macro-lectures in the seminar hall where faculties and students of various departments remain present.
- Publishing regularly research oriented journals on Arts and Science transmitting those in other institutions.
- Printing the reports of the research projects and transmitting those in the funding agencies and other organizations.
- Displaying the journals and the reports in the relevant sections of the College library building *MANAN*.
- Interacting frequently in the informal form among teachers and teachers and teachers and students in the staff common room and departmental staff rooms respectively.

3.2 RESOURCE MOBILIZATION FOR RESEARCH

3.2.1. What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The Institute is not empowered by the Government to generate fund for research on the basis of self-venture. That is why it is always dependent upon the research fund granting organizations namely UGC and others of the country. For it, these sponsoring agencies are approached to fund Minor and Major Research Projects. Owing to this fact, there is no scope for detailing the noted aspects.

3.2.2. Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The Institution is a Government College without financial autonomy and bound by the West Bengal Financial Rules in all pertaining matters. Under prevailing circumstance there is no provision for providing seed money to the researchers.

3.2.3. What are the financial provisions made available to support student research projects by students?

The College has no financial autonomy. Therefore it is difficult to provide financial help to support research projects by students. However, the institution provides all forms of infrastructural support for researchers, including library facilities, computer laboratories with internet connections and well equipped laboratories to support the students for their research

projects. Besides, sometimes keenly-interested teachers are seen to extend financial aid to some extent.

3.2.4. How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing interdisciplinary research.

The primary responsibility of the faculty members is the College level teaching. Yet in such a situation faculty members of various departments are highly interested to undertake interdisciplinary research programmes but the question of time management has not so far allowed them to undertake such programmes. The College is hopeful that high time will come soon as the views of the policy-makers are changing day by day rapidly with the changing pattern of designing educational institute in the changing course of time. The teachers at present satisfy their desire regarding this question through the teaching of subjects containing inter-disciplinary aspects of knowledge for example Environmental Science, Thermodynamics etc.

3.2.5. How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The following are the methods in this regard:

- Extending the scope of availability of various equipment and research facilities of the institution towards the students and teachers for all times when they are interested to use these.
- Extending effective learning process for developing the skills among the students to operate various sophisticated equipments.
- Making the easy access to the Repository or the Documentation Centre of the Library, computer and internet facilities to the students for the preparation of their projects in an organized and systematic manner.
- Organising frequent seminars etc. besides all of the above with a view to motivating the students and teachers for raising their work effort in this regard.

3.2.6. Has the institution received any special grants or finances from industry or other beneficiary agency for developing research facility? If “yes” give details.

The institution has not received any special grants or finances from industry or other non-governmental beneficiary agency for developing research facility.

3.2.7. Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The environment of the College is so nice that faculty members are always eager to apply for research projects. The Seminar and Research Sub-Committee along with IQAC intimates the teachers about various Research Schemes and Fellowships, and motivates them in applying for the same. Some Research Projects have been approved by the UGC during the last four years, some projects have been successfully completed and some are ongoing projects. These have resulted in a number of publications in journals/proceedings/Books, academic discussions and awards of Ph.D. degree. The preceding Tables 3.1 and 3.2 are ample to have a clear idea about the noted aspects for the last four years.

3.3 RESEARCH FACILITIES

3.3.1 What are the research facilities available to the students and research scholars within the campus?

The following are the research facilities available to the students, the research scholars and the faculty members conducting researches within the campus:

- A well-equipped library with more than 70,000 books and notable numbers of reports, journals of the up-to-date level along with a Repository and reading room there in. (Photograph nos. 3.1, 3.2, 3.3 and 3.4).



Photograph No. 3.1: Library



Photograph No. 3.2: Students' Reading Room



Photograph No. 3.3: Students' Searching Books from the Stack



Photograph No. 3.4: Teachers' Reading Room

- Internet and computer facilities in each Department inclusive of library (Table: 3.7)

Table: 3.7: Department-wise Information Regarding Internet and Computer Facilities in the year 2015-16 along with Other Related Information's:

Departments	Current Model of Desktops with Internet	Current Model of Desktops without Internet	Old Model of Desktops	Laptops with and without Internets	Printers	Scanners
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bengali (PG)	2	-	3	-	1	-
History (PG)	1	-	3	1	-	-
Sanskrit (PG)	-	1	-	1	2	1
Zoology (PG)	3	-	2	1	1	1
Botany	2	-	2	1	3	2
Physiology	-	-	-	1*	1	-
Chemistry	2	-	-	-	1	1
Mathematics	2	12	-	2	2	1
Physics	2	2	-	2	4	2
Economics	1	-	-	-	1	-
Political Science	1	1	-	-	2	-
Geography	1	1	-	1	1	1
English	1	-	-	-	1	-
Philosophy	1	1	-	-	1	1
Library	1	7	5	1	1	1
IQAC	-	-	-	2	1	-
Principal's Chamber	1	-	-	1	1	-
Office	5	-	-	-	2	-
Total	26	25	10	13	26	10

*Note: *With internet*

- Separate Computer Laboratory with Internet Facility adjoining to Physics and Mathematics Departments (Photograph no. 3.5).

Photograph No. 3.5: Computer Laboratory with Internet Facility adjoining to the Department of Mathematics



- Well equipped laboratories capable of extending research facilities in the lab-based subjects, namely, Physics, Chemistry, Botany, Zoology, and Physiology (Photograph nos. 3.6- 3.11).



Photograph No. 3.6: Physics Laboratory



Photograph No. 3.7: Physics Laboratory



Photograph No. 3.8: Chemistry Laboratory



Photograph No. 3.9: Botany Laboratory



Photograph No. 3.10: Zoology Laboratory



Photograph No. 3.11: Physiology Laboratory

Instrumentation Centre equipped with rarely available instruments like Dehumidifier, PCR, Distillation Plant, Gel Documentation, Incubator, Auto Clave, Gel Electrophoresis Apparatus, UV Transilluminator, Cooling Centrifuge, Environmental Test Cabinet, Ultrasonic Chamber and Atomic Absorption Spectrophotometer etc. fit for conducting higher researches in the field of Science and Technology. (Photograph no.3.12).



Photograph No. 3.12: Central Instrumentation and Numerical Laboratory

- Medicinal Plant Garden adjoining to the Department of Botany for botanical research (Photograph no. 3.13)



Photograph No. 3.13: Medicinal Plant Garden (Parasar Uvid Vidyan)

- A tiny museum, namely, **North Bengal & North Eastern Regional Cultural Centre And Museum** on Folklore Research relating to North Bengal and North East India specially (Photograph nos. 3.14 & 3.15)



Photograph Nos. 3.14-3.15: North Bengal & North Eastern Regional Cultural Centre and Museum

- Separate Seminar/ Departmental Libraries in all Departments (Photograph nos.3.16 to 3.22)



Photograph Nos. 3.20-3.22: Seminar Libraries of Different Displines.

- Photocopying facility within the campus (Table 3.8)

Table: 3.8: Location Wise Number of Photocopiers in the Year 2015-16

Locations (1)	Number (2)
Library	1
IQAC	3
Office	2
Total	6

- Modernized Seminar/ Conference Hall(s) (Photograph nos. 3.23 & 3.24)



Photograph Nos. 3.23-3.24: Conference Hall.

- Access to research journals through INFLIBNET
- Wi-Fi connection in the College campus

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

The following are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research:

- To identify the new and emerging areas of research with the help of Research Committee or in other words Seminar and Research sub-committee under Teachers' Council through the search of currently published books, journals available in the library and the relevant websites etc.
- To formulate plan for research issues to be conducted in the ongoing and forthcoming years.

- To give requisition to the College Development and Planning Committee under Teachers' Council for the upgradation of existing infrastructure and creation of newer infrastructural facilities corresponding to the plan formulated.
- To conduct necessary meetings for the analyses of the plan by the said committee and then formulate the related annual budget.
- To include this budget amount in the total amount of annual requisition of the College for fund to the state government.
- To allocate the fund after it's receipt through the Purchase Advisory Committee which is comprised Departmental Heads and relevant committee heads.
- To channelize the allocated fund through different Departments and sub-committees such as College Development and Planning Sub-committee, College Caretaking Sub-Committee under Teachers' Council with proper advice of IQAC in the proper manner i.e. through tendering etc.
- To inspire the faculties for submitting research projects to the funding agencies like UGC etc. and thereby collect overhead grants for modern infrastructure creation and upgradation of the existing ones (Please see again Tables 3.1 & 3.2)
- To take measures besides all of the above for maintaining the previously occupied position of the College as **Centre with Potential for Excellence (CPE)** of UGC with a view to reaching the same goal through the CPE sub-committee under Teachers' Council.

3.3.3. Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments / facilities created during the last four years?

The College has not received any special grants or finances from the industry or other non-govt. beneficiary agencies for developing research facilities. It has only received grants from the governmental beneficiary agencies in this respect. Hence, the grant from the UGC relating to CPE may be mentionable. This College has received this grant amounting to Rs. 1 crore for the period 2010 to 2015, after the first cycle of the NAAC accreditation in the year 2008. Already first phase of this grant i.e. Rs. 50,00,000/- has been spent on developing research facilities through the purchase of relevant instruments and allied others. As a consequence the present position as depicted in Tables 3.7 and 3.8 has been reached. Besides, a significant proportion of this grant has been spent on purchasing lot of books, organizing

special lectures in different departments and institution visits for enriching the research culture among the students and teachers of the College. Mentionable here is that, the College has already submitted the utilization certificate of this first phase CPE grant and received the second phase of the same. The process of utilizing the second phase grant for said purpose has been going on.

3.3.4. What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

The research facilities made available to the students and research scholars outside the College campus are as follows:

- The laboratories of the affiliating universities for all Science subjects.
- The laboratories of the Uttar Banga Krishi Vishwavidyalaya, Pundi Bari, Cooch Behar for all Science subjects relating to transdisciplinary research.
- The libraries of these universities for all subjects if requires.
- The libraries of neighboring Colleges.
- The District State library of Cooch Behar District.
- The Library of Vashishtha Institute for North Bengal and North East Developmental Studies, Cooch Behar 736101.
- The Library of Asiatic Society, Kolkata if required.
- The National Library, Kolkata if required.
- To communicate with British Council Library and the American Centre Library is in process for this purpose.

3.3.5. Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

For the details in this regard the descriptions relating to Paragraph 3.3.1 may again be consulted.

3.3.6. What are the collaborative research facilities developed/created by the research institutes in the College. For ex. Laboratories, library, instruments, computers, new technology etc.

Till date there is not developed any of the facilities noted here as examples in the College. But, the College through Higher Education Department and Directorate is intending to

implement this policy of developing research facilities. It is expected that the Department and Directorate will frame their policy suitable for this in the coming future. However, the College having strong collaboration with Central Institute for Fresh water Aquaculture (CIFA), Odhisa, Uttarbanga Krishi Vishwavidyalaya (UBKV) – Cooch Behar and IIT Guwahati, specifically Department of Bio- Technology. CIFA have developed local collection centre of Endangered Ornamental Fishes in Dooars region of West Bengal in collaboration with Dr. Saroj Swain, in-charge, Ornamental fishes, CIFA. Institutional training and field study are frequently done to UBKV, Agricultural Entomology Department and Forestry Department. In collaboration with UBKV the College develops modalities of sustainable uses of bio-resources in Dooars region of West Bengal. The students, during Institutional training in collaboration with IIT Guwahati, are able to work with different software practiced for data mining research.

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1. Highlight the major research achievements of the staff and students

Large faculty members are intensively involved in research activities through undertaking Minor and Major Research Projects. At the same time, they are also supervising dissertation works of Post-graduate students. Some of the faculties are seen to supervise the Ph.D. students. Some of the young who are not yet completing their Ph.D. Degree are seen very much active in doing their Ph.D. works without hampering the normal duties. The instantaneous achievement of such research activities may be understood from Tables 3.1, 3.2 and 3.3. Besides these, organizing and arranging lectures/seminars/symposia, the publication of research articles in various types of National, International level journals and books edited, editing of books, authoring of books etc., playing role as invited resource persons in various seminar like occasions organized by different local and beyond local institutes may be mentionable in this regard. The inter-temporal achievements of these activities are:

- The building of strong mindset among the present young faculties to be competent future researchers.
- The contribution of present research activities in the form of formative research findings for future.

- The contribution towards the future course of development of the nation and globe as and when those formative research findings be implemented.
- The contribution in the form of a mechanism for maintaining the continuity in the thoughts and actions in the future course of research fields.
- The contribution among the students in the form of evolving critical mindset and developing primary level thought process such that they can contribute something in the present and future courses of development not only of the nation but also of the world in general.

3.4.2. Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The College regularly publishes, without any partnership, two Research Journals with valid ISSN, namely,

- **Victorian Journal of Arts** (ISSN 0975-5632) (bi-lingual) and
- **B. N Seal Journal of Science** (ISSN 0975-5624)

Composition of Editorial Boards of *Victorian Journal of Arts*

Chief adviser: Dr. Bimal Kumar Saha, Officer-in-Charge, A .B. N Seal College, Cooch Behar

Editor-in-Chief: Dr. Arpan Chakraborty, Associate Professor, PG Department of Bengali, A B N Seal College, Cooch Behar

Editorial boards: Dr. Anil Kumar Sarkar, Department of History, A. B. N Seal College, Cooch Behar

Smt. Writuparna Chakraborty, Department of Geography, A.B.N Seal College, Cooch Behar

Sri Debapratim Chakraborty, Department of English, A.B.N. Seal College, Cooch Behar

Composition of Editorial Boards of *B.N Seal Journal of Science*

Chief adviser- Professor Nimai Ch. Saha, DPI, Higher Education depart, Government of West Bengal

Editor-in-Chief: Dr. Bimal Kumar Saha, Officer-in-Charge, A B N seal College

Editorial boards: Dr. Srijit Das, Department of Chemistry, A B N seal College

Dr. Tirtha Pada Majhi, Department of Chemistry, A B N Seal College

Dr. Anirban Roy, Department of Geography, A B N Seal College

Dr. Rajendra Prasad De, Department of Botany, A B N Seal College

Publication Policies:

Publication policies of the journals and allied others are as follows:

- To publish and produce finally of these and allied others are solely assigned to the Publication and Published Material Distribution Sub-committee composed under the purview of Teachers' Council.
- To ask for research articles in both soft and hard forms from the in- house researchers and out-house researchers at least two months before the publication and production of the journal through the notice circulations in the traditional ways and modern e-mailing process.
- To edit and review carefully the submitted articles by the in- house specialists and outside also if the necessity arises.
- To communicate with the authors suggesting for additions and alterations in the write up 15 days before the publication and production if necessary.
- To publish and produce the journals and allied others after receiving the final form of the articles.
- To send two complementary copies of the published issues to The Head, National Science Library, National Institute of Science, Communication and Information Resources (Council of Scientific and Industrial Research), 14, Satsang Vihar Marg, New Delhi: 110067, instantaneously.

These Journals have ISSN. One of these copies is sent to International Centre for ISSN, Paris where Indian serials are usually dispatched from Delhi Office for supplying up-to-date data on Indian serials. Thus, the journals are listed in the international database in the International Centre for ISSN, Paris.

3.4.3. Give details of publications by the faculty and students

The details regarding this aspect is given in Table 3.9 which is self-explanatory.

Table 3.9: Information Details Regarding the Publications by Faculty Members and Students* (2010-2015)

Type of Publications	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Total Over All The Years
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Peer Review Journals International	04	02	07	08	21	42
Peer Review Journals National	17	12	15	11	10	65
Non-Peer Review Journals International	NIL	02	01	02	04	09
Non-Peer Review Journals National	11	11	14	13	14	63
e-Journals	02	NIL	03	03	06	14
Conference proceedings	02	04	01	02	03	12
Books With ISBN No.	13	06	04	08	15	46
Books Without ISBN No.	NIL	NIL	01	NIL	01	02
Chapters in Edited Books	44	10	11	15	44	124
Others	09	04	12	12	08	45
Total over all the avenues of Publications	102	51	69	74	126	422

*Note: * Students have not yet been accustomed to devote their labour and time to produce and publish scholarly articles. They are usually very much busy and suffer from the anxieties for building bright career in the economic aspect of life after each terminal examination.*

3.4.4. Provide details (if any) of research awards received by the faculty

In the true sense of the term, there is not observed the receipts of research awards in the significant scale by the faculties of the College. Although scanty for the details of such affairs Section 2.4.5 may be revisited. Sometimes the academicians consider the Ph.D. Degree as some kind of research awards in the relaxed sense of the term and the details corresponding to this is very much encouraging for this College. This may be categorical from the attached Schedule no. 3.1 depicting the awardees of Ph.D. Degree for the period 2010 to 2015.

Schedule no. 3.1: List of Awardees Ph.D. Degree for the Period 2010-2015

Sl. No., Name of the Awardee with Department, University and Year

1. *Anil Kumar Sarkar* has been awarded the Doctoral degree in History from University of North Bengal in 2010.
2. *Suman Mukherjee* has been awarded the Doctoral degree in Zoology from Calcutta University in 2011.
3. *Supriti Paul* has been awarded the Doctoral degree in Chemistry from IIT Kharagpur in 2011.
4. *Partha Sarathi Debnath* has been awarded the Doctoral degree in Physics from University of North Bengal in 2012.
5. *Niloy Das* has been awarded the Doctoral degree in Chemistry from Jadavpur University in 2013.
6. *Rajarshi Chatterjee* has been awarded the Doctoral degree in Chemistry from Jadavpur University in 2013.
7. *Tuhin Ghosh* has been awarded the Doctoral degree in Chemistry from the University of Burdwan in 2013.
8. *Prajna Paramita Sarkar* has been awarded the Doctoral degree in History from University of North Bengal in 2013.
9. *Sudipta Paul* has been awarded the Doctoral degree in Political science from Burdwan University in 2014.
10. *Tuhin Suvro Benerjee* has been awarded the Doctoral degree in Physiology from CSIR-Indian Institute of Chemical Biology (IICB) in 2015.
11. *Nivedita Chakroborty (Dutta)* has been awarded the Doctoral degree in Bengali from Kalyani University in 2015.
12. *Dibyatanu Dasgupta* has been awarded the Doctoral degree in Bengali from Calcutta University in 2015.

3.5 CONSULTANCY

3.5.1. Give details of the systems and strategies for establishing institute-industry interface.

Such a system is not observed till date. But, the College authority is willing to develop this in the future course of time. It is hopeful that this will be materialized in the coming future as

the industrial sociology, psychology and geography of West Bengal is changing in upward direction day by day.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The College authority and its Higher authority are seen to give ample freedom to the faculty members to give and promote consultancy services on honorary basis. Their expertise is made well-advocated and publicized through various manners like oral connections, traditional method of circulation using notices, prospectus, news letter, modern method i.e. College website, conferences, peer-references and likely others.

3.5.3. How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

IQAC along with the Seminar and Research sub-committee of the College promotes faculty members to extend consultancy services whenever asked for. In this regard, they regularly update the data bank of the training schedule meant for faculty in respect of consultancy generation. The authority provides faculty members with on-duty leave in such cases.

3.5.4. List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Keeping the social commitment in mind the College authority and its higher authority always encourages the faculty members to extend consultancy services by the teachers free of cost without hampering the regular duties, to different nation-friendly agencies whenever approached. The broad and major areas of these services are not diversified. Subject to their normal assignments; they are only able and used to extend these services towards the newly born academic institutions nearby. But such service cannot generate revenue as these are honorary. The faculty members belong to the category of West Bengal Government Service Cadre.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

There is no question of such sharing. For details Sections 3.5.2 and 3.5.4 may be revisited.

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the institution promote institution neighborhood community network

and student engagement, contributing to good citizenship, service orientation and holistic development of students?

A.B.N. Seal College being one of the oldest institutions of the region, is aware of its societal responsibilities. This institution has NSS wing by which students who have enrolled their names in NSS are engaged in gardening, organizing literacy drive and awareness camps, voluntary blood donation camp and maintaining a clean and hygienic locality. Through this philanthropic activities impressed upon the students by NSS, the task of imparting holistic education is achieved to a large extent. Students of the College enthusiastically involved in the organization of cultural programmes like College social *NABARUN*, annual prize day/College annual day along with faculty members, *Banomahotsav*, *Basontotsav*, Environment Day Celebration etc. Participating in Science Fair organized by Science Departments of Schools and Colleges enables students to combine textual knowledge with practical application. Inculcation of ideas of good citizenship and ethical democracy is done by motivating students to participate in Youth Parliament Competitions. The building of physique for budding citizens is being strongly and effectively handled by the NCC wing of the College and the Department of Physical Education through its 'mechanism. Arranging visits in less penetrated segments of the society along with raising awareness campaigns is also on the agenda of the Women's Cell of the College. Implementation of government policy for incorporating the SC and ST community in national development process through the activity of Equal Opportunity Cell is also worth mentioning. The respectable alumni being an inseparable part of the community itself contribute in the holistic development of the College through their insight and in depth concern. A visual understanding to some extent of this textual description may be achieved from the Photographic Panel: 3.1

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

A.B.N. Seal College has a long standing tradition of involvement in community service and philanthropic activities and this spirit is instilled in our students through their participation in such programmes. Guided and accompanied by the teachers, students are encouraged to undertake activities which promotes their role of citizenship. College NSS unit along with Women's Cell exchange ideas with students diverting these tender minds towards activities of social relevance. In this regard, it is to be mentioned that during the devastating earthquake

in Nepal, the staff and the students joined hands in hands to contribute generously in raising relief funds.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The College seeks a valuable presence of its stakeholders in regular functioning through interactions with students, parents and guardians of the students, the members of the faculty and the alumni. As part of the Internal Quality Assessment, the final year UG and PG students are made to fill up feedback questionnaires on over all service received from the College. This feedback after being analyzed by the IQAC, is considered by the respective departments in order to enhance the teaching-learning process and incorporate the valid suggestions of the students. Parent-teacher meets are held on a regular basis to update the parents about the performance and attendance of the students, and to learn about the special needs of the individual students. The College interacts closely with its alumni and collaborates with them on several important occasions mentionably Annual Prize Day etc.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

The Institution usually plan and organize its extension and outreach programme through its NSS wing only. The Institute plans in this respect in the following line:

- To give memberships to the students at the start of their admission in the first year
- To renew the memberships for the second and third years.
- To arrange joint meeting of the students and NSS sub-committee for chalking out the proposed activities, subject to the probable NSS grant-in-aid to be received, throughout the year taking advice of the NSS Advisory committee or advisors in this regard at the start of each academic year.
- To fix the tentative time schedule of these activities along with the proposed expenses.

The Institution after formulating the plan in such manner organizes the extension and outreach programme in the following line:

- To make notification about the programmes to be organized at least seven days before

the date of the start of the activity.

- To arrange a joint meeting again among the students and NSS sub-committee.
- To give a brief outline among the students about the proposed activity, place of activity and others in that meeting.
- To start the process of activity in the scheduled date.

The chief activist in this regard is the Programme Officer of the NSS wing of the College.

The NSS wing of the College is solely dependent upon the fund allotted by the University and to some extent some social organization as for example *Red Ribbon Club*. The College has no ability to generate any fund separately for this purpose and likely others as this is a Govt. College. Therefore, for the NSS wing the College cannot formulate any budget. It can only allocate the sanctioned amount by the University and others in this regard. The Tables 3.10 and 3.11 clearly show the amount sanctioned and the nature of allocation of the same for last four years.

Table 3.10: Year-wise Grant Received By The College for The NSS wing for the Last Four Years (2011-12 To 2014-15)

Years	Grantee Organizations and Amount of Grants in Rs.		Total amount of grant in Rs.
	University	Red Ribbon Club	
(1)	(2)	(3)	(4)
2011-12	22,500/-	NIL	22,500/-
2012-13	22,500/-	4,900/-	27,400/-
2013-14	22,500/-	4000/-*	22,500/-
2014-15	22,500/-	NIL	22,500/-
Total over Years	90,000/-	4,900/-	94,900/-

*Note: * This amount is refunded to the grantee organization due to belated arrival of the grant.*

Table 3.11: Year –wise Nature of Allocation of Fund Received By the College for The Last Four Years (2011-12 to 2014-15)

Years	Amount Utilized for materializing Planned NSS Activities* in Rs.	Amount Utilized for Maintaining Office of The NSS Wing** According to Norm in Rs.	Total Amount Utilized in Rs.
(1)	(2)	(3)	(4)
2011-12	12,555/- (55.80%)	9,945/- (44.20%)	22,500/- (100.00%)
2012-13	17,455/- (63.70%)	9,945/- (36.30%)	27,400/- (100.00%)
2013-14	13,330/- (59.24%)	9,170/- (40.76%)	22,500/- (100.00%)
2014-15	22,000/- (97.78%)	500/- (***) (2.22%)	22,500/- (100.00%)
Total over Years	65,340/- (68.85%)	29,560/- (31.15%)	94,900/- (100.00%)

*Notes: *For minimizing the space, time and labour, amount utilized in this regard is furnished in such aggregative manner, about the activity separate list will be given.*

*** For minimizing the space, time and labour, amount utilized in this regard is furnished in such aggregative manner.*

*** Only audit fees are given from this fund as per norm. Other office expenses like the Programme Officer's honorarium, service charge for accounting etc. are voluntarily sacrificed for enhancing the NSS activity by making an involvement of the students to beautify the College fences through coloring besides the proposed usual activities in the year concerned.

The list of major extension and outreach programmes for the last four years (2011-12 to 2014-15) is given in the Schedule No. 3.2

Schedule No. 3.2: Year-wise List of major extension and outreach programmes for the last four years (2011-12 to 2014-15)

Years	Sl. No.	Activities
(1)	(2)	(3)
2011-12	01	To provide drinking water and first aid services to the common visitors and pilgrims at the Historical Rash Mela.
2012-13	01	To organize an education class in collaboration with Ramakrishna Mission, Cooch Behar District Unit.
	02	To celebrate National Youth Day in collaboration with the same through parade and cultural activities.
	03	To organize Banamohotsav in the first week of July, 2012
	04	To celebrate Red Ribbon Day.
2013-14	01	To provide drinking water and fast aid services to the common visitors and pilgrims at the Historical Rash Mela
	02	To organize <i>Banamohotsav</i> in the first week of July, 2013
	03	To arrange <i>Raksha Bandhan Utsav</i>
	04	To observe NSS Day in the College.
	05	To clear the College campus including the Water Tanks.
	06	To provide volunteers in the College Annual Day Celebration, 3 rd September, 2013
2014-15	01	To arrange a campaign for HIV-AIDS Awareness.
	02	To Observe National Youth Day on 12 th January through parade and cultural activities.
	03	To organize <i>Banamohotsav</i> in the first week of July, 2014
	04	To arrange <i>Raksha Bandhan Utsav</i>
	05	To observe NSS Day in the College.
	06	To clear the College campus including the Water Tanks
	07**	To colour the fences of the College by the students for beautifying the campus.
	08	To provide volunteers in the College Annual Day Celebration, 3 rd September, 2014

Note: ** Added activity (Please see note of the Table 3.11)

The following are the notable impacts of the stated extension and outreach programmes organized by the NSS wing of the College.

- A significant level of development upon the students has taken place in the form of the courage among them to render their routine time for social work.
- The same has taken place among them in the form of removal of the inertia to move freely.

- The similar has taken place among the students in the form of doing something collectively.
- The likely has been taken place in the form of expansion of their mind and heart to take social responsibility.
- A notable impact upon the students is the development of awareness about time management.
- Similar impact upon them is the development of awareness about the world around them.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

The Institution promotes the participation of students in extension activities in the stated affairs through the following manners:

- Giving inspirations and awareness about these aspects along with the benefits of involvement in those in the future course activities of life especially in the context of job market from the day of conducting Freshers' Welcome programme.
- Adopting complementary official measures implemented by the related Programme Officers

The Institution promotes the participation of faculty in extension activities in the stated affairs through the following manners:

In this more than century old College there remains a tradition of sacrificing time on the part of teachers/ faculty in participating to the extension activities organized by the NSS, NCC and etc. wings of the College. Therefore, it may be noted here that, the **Tradition of the College** is the promoting mechanism of the College faculty in this respect.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower students from under-privileged and vulnerable sections of society?

The College by itself and by definition of it as Govt. College has no capacity to organize these activities except extension work through NSS wing. The faculties of the College in their personal interest are very much observed to conduct social surveys and research. The

faculties of the Social Science departments in the Arts Faculty, especially Economics, Political Science, History, Geography and Philosophy to some extent, are seen to be engaged in conducting this type of survey and research. The members of the Science faculties are not seen to lag behind. They though not conduct social surveys but, pursue research activities constantly. Specific details are avoided here for reducing time, space and labor. The matter in this regard may summarily be assumed from the Tables 3.1, 3.2, 3.3. About the extension work, the teachers of this College are very much aware. They are usually involved in doing these through the NSS wing. In this regard there is not seen any personal endeavor isolatedly. Such activities are done in such a manner by the involved faculties that all these are always ensuring and enhancing social justice and empower students from under privileged and vulnerable sections of society.

3.6.7. Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The objectives of the institution of the extension activities are:

- To create values and courage among the students to render their routine time for social work.
- To develop the spirit of removing the inertia among them and to move and interact freely.
- To develop the working habits in collective manner
- To expand their mind and heart for taking social responsibility
- To develop the capability among them about time management
- To develop awareness about the world around them

The expected outcomes of the institution from performing these extension activities are manifested in the Section 3.6.4.

These extension activities complement students' academic learning experience in the following lines:

- Developing their skill to manage limited time
- Developing their periphery of knowledge beyond the orbit of the prescribed syllabus and curriculum through the study of the books relating to the life and works of the socially

dedicated personalities of the world which are referred by the Programme Officer of the extension wing and faculty members of the College at the time of their fresher welcome.

- Developing the awareness among them about the surrounding world.

The specific values and skills inculcated among the students through their participation in their extension activities may be understood from the last part of the Section 3.6.4.

3.6.8. How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

Acharya Brojendra Nath Seal College, being a premier institution in this farthest region of West Bengal in particular and India as a whole in general, has a shining history of involvement with and contribution towards the neighboring community, besides, the regular teaching –learning process. Following paragraphs may expose a very much clear view about the initiatives that encourage community participation in its' activities:

- To inspire and organize blood donation camp, Aids awareness camp and likely others through the NSS wing of the College over the years since inception of the NSS Unit,
- To inspire the students through NSS Unit for having a clear idea about the inter-temporally changing problems of rural life in the backward areas by the frequent close visits, not only in the adopted village of the NSS Unit beside Cooch Behar District town but also in the adjoining rural areas,
- To inspire the students also for giving suggestions about the problems furnished in front of them and thereby to build close interaction of them with the rural people,
- To extend frequent assistances through the staff club of the Teachers of this College, towards the Students' Union in particular and the student community of this institution in general ,in the case of performing throughout the year ,various types of social and charitable activities, viz.,
 - i. Assisting the poor, miserable and ailing inside and outside students,
 - ii. Cleaning and beautifying inside and outside the College campus,

iii. Sending relief materials in the contexts of local, national, international level disaster such as Raigunj Cyclone disaster, Bhuj earthquake disaster, Nepal earthquake disaster and so on.

- To inspire the students through the out routine interactions of Teachers with them for their involvement in the social and charitable work teams of Bharat Sevashram Sangha, Ramakrishna Mission and likely others as and when they asked for.
- To encourage the students in the said methods for organizing Environment Day Celebration, International Women's Day Celebration and similar others in their localities in plausible scales for sending the message of the contemporary ethics and course of development in the soil they have been born and brought up,
- To encourage not only in the stated methods but also through extending active participation with the students for widening and deepening their realization, feelings and soft corners of the mind and hearts towards the society, ecology and environment by performing collectively the activities relating to the prevention of the cruelty about animal, birds and other creatures of Nature inside and the outside the College,
- To inspire the students of various departments to communicate with neighborhood areas through posters and oral methods about the seminars/ symposium/workshops/solo lectures in the departments as and when organized.

Furthermore, it is mentionable here that some teachers set examples of inspiration for the students to make close involvement with the wider community life for finding ways and means of its development. Among these teachers, mention may be made of Sri Bimal Kumar Saha, Associate Professor, Department of Economics and presently The Officer-in- Charge of the College who taking the permission and inspiration of the then College authority in the past decade of the last century, formed a multipurpose/ multidimensional organization/ institute/ society, namely, **“Vashishtha Institute For North Bengal And North East Developmental Studies” (VINBNEDS) Photographic Panel - 3.2**. The date of establishment of this institution is 21st April, 1997. This is registered under society registration act of West Bengal, 1961. The registration number of it is S/94053 of West Bengal 1999-2000. This institute since its birth has been performing various types of educational, social, charitable activities. A notable number of teachers of this College are

spontaneously used to make them involved in frequent times in these activities as and when the institute urges. Such a manner of the teachers inspires the students to take part in the said activities of VINBNEDS and thus they contribute their intellect and physique towards the development of the community life.

3.6.9. Give detail on the constructive relationships forged (if any) with other institution of the locality for working on various outreach and extension activities?

This kind of constructive cultural practice has not yet developed here in. Acharya Brojendra Nath Seal College always feels to develop such type of relationship and occasionally communicates with the neighboring institutions of more and less similar type. But it is unfortunate that this College receives no response on the part of the communicated institutions.

3.6.10. Give details of awards received by the institution for Extension activities and/ contributions to the social /community development during the last four years.

It is needless to say that, this College has a lot of doings in the field of extension activities and/ contributions to the social/ community development during last four years (Please see Section 3.6.4). But, there is no evidence of the receipt of Awards in this regard. In fact, the giving and receipt of award practices regarding this context has not yet developed here in. Virtually this College has been performing the activities in this field for the activities' sake only not aiming to have any award.

3.7 COLLABORATION

3.7.1. How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

There is no official collaboration with industries as such, but the faculty members collaborate with universities and institutes for their project/research and students are also benefited. Also some faculty members have projects hosted in other institutions, e.g. from the Department of Physics (Table 3.2).

3.7.2. Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc.

and how they have contributed to the development of the institution.

There is no question of MoU on the part of this College. This College by definition has no autonomy to frame any kind of MoU. This is completely dependent on the educational policies of the Ministry of Higher Education, West Bengal. But so far no initiative in this regard is seen on the policy makers' end. However, seminars/workshops can be arranged in collaboration with other academic institutes/universities as per the UGC guidelines.

3.7.3. Give details (if any) on the industry-institution-community interactions that have contributed to the establishment /creation/up gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories /library/new technology /placement services etc.

The industry-institution-community interaction process has not yet developed.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the College during the last four years.

The details in this respect are provided in Table 3.12:

Table 3.12: The Details of The Events Where the Eminent Scientists/ Participants Have Contributed During Last Four Years (2011-12 To 2014-15)

Years	No. of Events and Organizing Departments	Name and Status of The Events and Collaborating Organization, Funding Agency	Name , Designation and Address in Brief of the Eminent Scientists/ Participants Contributed in the Events
(1)	(2)	(3)	(4)
2011-12	One, Department of History	Two Days Seminar , National level*, on "Historian and Historiography of India: Perspectives and Dimensions (Focus on Eastern and North East India", UGC	Professor Geraldine Hancock Forbes, Emeritus Professor, New York State University, USA, Professor Ranjan Chakraborty, Vice Chancellor, Vidyasagar University, West Bengal Professor Mesba Kalam, Dept. of History, Dhaka University Professor Yunis Khan, Dept. of History, Dhaka University
2011-12	One, Department of Chemistry	Two Days Seminar, National level, on " A Journey Through Recent Development in Chemistry", UGC	Professor Manabendra Roy, IIT, Guwahati Professor Amitabha Sarkar, IACS, Kolkata Dr. Pratik Sen, IIT, Kanpur Dr. Debnarayan Sarkar, NIT, Rourkela.
2011-12	One, Department of Zoology	Two Days Seminar, National Level, on " Recent Advances in Life Science Application", UGC, Dept. of Entomology, UBKV, Cooch Behar	Professor Dipak Ranjan Mondal, DPI, Govt. of West Bengal Dr. Samir Patra, NIT, Rourkela Dr. Asim Chakraborty, NBU Dr. Amitabha Konar, VCKV Dr. Niladri Hazra, Burdwan University Dr. Tapas Ch. Nag, AIIMS, Delhi

*Note: * This national level seminar has transformed into international level in terms of the participation of person of eminence.*

For the visual understanding of these events Photographic illustrations in this respect are given through the Photographic Panel 3.3 which is composed of important photographs of the seminars.

Besides these eminent scholars, a notable number of people of eminence have been invited in and visited the College in connection to the events, namely, memorial lecture and others likely during the said period. Details in this regard may be seen from the Annexure (Table no. 3.1 in Annexure III).

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated-

No formal agreements and MoUs have been signed (please revisit Section 3.7.2). But academic linkage with other institute results in faculty improvement programmes (Table 3.2).

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

The systematic efforts of the Institution in planning, establishing and implementing the initiatives of collaborations except MoU, can be done by the College. The concerned efforts are detailed in the following lines:

Systematic Efforts of the Institution in Planning regarding noted issue:

- At the start of the each academic session in the first Teachers' Council meeting, IQAC proposes for and gives relevant information regarding possibilities of linkages and collaborations.
- The faculty members of various Departments being informed through the discussion in the meeting and the corresponding notice on the part of the College administration, take decisions and choose the institutes for the collaborations, as per their fields of research interest.

Establishment and Implementation of the Initiatives Regarding this Aspect:

- The proposals submitted by the faculty members are forwarded to higher authority for permission.
- After seeking the permission, the proposed linkages/collaborations are established and implemented (please see row 2 in the Table 3.2)

Any other relevant information regarding Research, Consultancy and Extension which the College would like to include.

With a view to strengthening the wings of research, consultancy and extension activities, and also to sensitize and promote academic culture in the College, the College intends to approach the higher authority for special grants for the purpose under reference. Some suggestions to the higher authority of such type of Government College in this regard from the higher educational policy makers of the nation at the acme will be more meaningful. These will certainly make this type of Colleges more dynamic and provide the mechanism to fit with the ongoing global designs in this field.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1. PHYSICAL FACILITIES:

4.1.1. What is the Policy of the institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The College is a Government Institution. The sole financial responsibility of creation and enhancement of infrastructure that facilitate effective teaching and learning is borne by the Government of West Bengal. Keeping this in view, the time to time necessity in this respect is furnished by the College authority to the higher authority. But before that the preparation of the proposal containing the requirements, the College authority follows the following ways and means:

- To identify the fields of requirements through the joint survey over every infrastructural aspect the College, conducted by IQAC, College Development and Planning sub-committee, and College Caretaking sub-committee.
- To submit the survey report to the College authority.
- To send the letters on the basis of the survey report to The Executive Engineer (PWD), Cooch Behar Division Social Sector, PWDTE, P.O. & Dist. Cooch Behar, West Bengal, and The Executive Engineer (PWD), Cooch Behar Electrical Division, PWD, P.O. & Dist. Cooch Behar, West Bengal, requesting for vetted cost estimate relating to the affairs of infrastructure creation and enhancement.
- To send prayers by the College to its higher authority i.e. Higher Education Department, West Bengal for the sanction of the funds concerned with the vetted cost estimate after receiving this.

4.1.2 Detail the facilities available for

A. Curricular and Co-curricular Activities: *The* infrastructural facilities available for conducting the curricular and co-curricular activities are as follows:

The College Campus has nine buildings dedicated to different departments:

Administrative Building: The Administrative Building is situated centrally in the College Campus. This is designated as 'Heritage Building' by the Heritage Commission of West

Bengal (North Bengal Unit). The Students' Union Council Room ,Office ,Seminar / Smart Class room, A.C. Chamber of the Principal Professors'/ Staff Common Room, Office of the IQAC, extended part of Chemistry Department, NCC, NSS and CPE (Centre with Potential for Excellence), are situated in this building. Reprographic facilities are available here to meet the requirements of the office, teachers as well as the students.

Chemistry Block (Bikshan): The Chemistry Block (*Bikshan*) is located adjacent to the main entrance of the College in the South-Western side of the Campus. It is composed of two adjoining buildings. The main building contains two Laboratories, one Store Room, two Class Rooms, two Instrumentation Rooms, one Seminar Library Room, one Teachers' Room and a Toilet. The adjoining building which is located on the western side of the main building has one class room and one store room. Thus in course of time *Bikshan* has been sufficiently equipped with facilities for effective teaching learning.

Economics and Geography Building (Prakriti): A two storied building is located at the adjoining place of the eastern most boundary of the College where the Economics and the Geography Departments are housed. The ground floor is occupied by the Department of Economics while the Department of Geography is situated in the First Floor. The Economics Department has three class rooms dedicated to the Undergraduate classes. The Department is also facilitated by a Teachers' Room and a Store. A Seminar Library is also there with reading room facility.

The Geography Department is housed in the First Floor of this building. There are four Class Rooms-cum-Laboratory which are dedicated to the Honours and General classes. Besides this, two rooms in the adjacent building (beside the boys' and girls' common rooms) are dedicated for theory classes. A Tracing room is also there in the department. An instrumentation room is there to keep the entire set of instruments necessary for the Practical classes. The Department of Geography provides the facility of Seminar Library to the students and the teachers as well.

Political Science, Philosophy and English Block (Acharya Brojendra Nath Seal Block): This block is located at the North Eastern portion of the College Campus. This is a tin-shaded full wall building, which represents the typical house-type of North Bengal and is the remnant of the earlier constructions. This building has suitable number of rooms to meet the

necessities of these departments to hold both the Honours and General classes. This construction also provides the Teachers' room, the Seminar Library and the students' toilet facilities. Alongside, this Block at its western part houses the Offices of Alumni Association, Parent Teacher Association, the Burdwan University Post-Graduate Distance Education Centre, Gymnasium and Games and Sports Department. The extension of this Block at its south east corner, houses NAAC Sub-committee Office and an Instrumentation Centre at its larger part. This centre is established in the year 2011 for preserving the higher order instruments for initiating research work in a preliminary way by interested faculties without interrupting their regular assignments. This centre is also opened frequently for giving access to the students in order to display the functions and operations of the instruments preserved therein. At the same time, this centre arranges research oriented talks and group discussions and intends to arrange tiny meaningful seminars in future course of time.

Centenary Building (Shatabhisha): The Centenary Building (Shatabhisha) has a four storied structure which accommodates the Departments of Physiology, Physics and Mathematics. The ground floor is occupied by the Physiology Department. The first floor is occupied by the Physics Department. The Department uses the entire floor for taking the theory and practical classes of both the General and Honours students. The Department of Mathematics is housed in the second floor of this building. All the theory and practical classes are held here. A computer laboratory is situated for the students of this department. Apart from these, two rooms are occupied by the same department in the third floor. Besides all this a mini conference room is situated in the ground floor for holding different academic and cultural programmes. Eastern part of the third floor houses the office of the Indira Gandhi National Open University (IGNOU), A.B.N. Seal College Study Centre. Western part of the third floor is yet an open space.

Central Library (MANAN): The Central Library (Manan) is located at the north western part of the College Campus and housed in a separate two storied building. Almost total space of the building is used for the preservation of the collection except the Offices cum Chambers of the Librarians/ Assistant Librarians, reading room, and repository and documentation centre. The library has a rich collection of more than 70 thousand books and journals. Since this College holds a tradition of 128 years of its establishment, this resulted in large and rich collection of books some of which are rare and priceless.

Post Graduate Block: Quasi Sesquicentennial Central Building (Maharaja Nripendra Narayan Bhavan): This is a newly built building situated in the north eastern part of the campus specifically at eastern side of *Shatabhisha*. This is a three storied building where all the Post Graduate Departments of Humanities are housed. The ground floor is occupied by Sanskrit Department where Honours, General and P.G. classes are held. The Department of Bengali is situated in the first floor comprising of the U.G. and P.G class rooms. The Department of History occupies the second floor. This Department also has the same arrangement for the U.G. and P.G. class rooms. Again in a room of ground floor of this building there remains one lecture theatre of Botany Department, a similar one of this Department is also located in a room of the first floor.

The Offices of the Women's Cell, and the Publication and Published Material Distribution sub-committee are located in a room of the second floor of this building. Again an extended second part of **North Bengal and North Eastern Regional Cultural Center and Museum** is situated in a room in the first floor of this building also. This Cultural Center and Museum was established in May 2011 and was housed in a tin-shade structure on the western side of the passage to enter the College from the North. This Cultural Center and Museum preserves the collections of the artifacts having socio – cultural relevance with the society and culture of North Bengal and North East India in particular and wider society of India in general. This is also frequently opened for displaying its collections among the College and adjoining society concerned for giving awareness about especially ethnic culture of North Bengal and North East India in a smaller scale. Besides this, also organizes lectures upon the said culture frequently with a view of serving the same purpose. This practice is followed for introducing the present modern globalised society with the indigenous regional culture.

The Botany and Zoology Block (Ankur): This block is situated in the northern section of the campus behind the College Boys' Hostel, namely, Maharaja Nripendra Narayan Memorial Boys' Hostel. The Department of Botany and the P.G. Department of Zoology are situated here. The Department of Botany holds U.G. Honours and General classes whereas the Zoology Department holds the U.G. Honours, General as well as P.G. classes. There is a **Green House** along with a Medicinal Plantation maintained by the Botany Department to fulfill the practical purposes of the department.

- The College has ample scope for the vertical as well as horizontal development. The Botany and Zoology Block can further be developed vertically.
- The Administrative Building of this College has been declared a Heritage Building by the Heritage commission of West Bengal. Therefore further construction in this Building is restricted.
- The Library has a rich collection of around 70 thousand books and journals. Since this College holds a tradition of 128 years of its establishment, this resulted in large and rich collection of books some of which are rare and priceless.
- The College offers Honours courses in Bengali, English, Sanskrit, Political Science, Philosophy, History, Geography, Economics, Physics, Chemistry, Mathematics, Zoology, Botany and Physiology. The General Courses of Bengali, English, Sanskrit, Political Science, Philosophy, History, Geography, Economics, Physics, Chemistry, Mathematics, Zoology, and Botany are also being held in the respective departments in the day shift as well as in the morning shift. Previously the degree course was run as per guidelines of North Bengal University, while the Honors. And General courses are following the guidelines of the Cooch Behar Panchanan Barma University from the academic session 2015-16.
- The College offers Post Graduate courses in Bengali, Sanskrit, History and Zoology under Cooch Behar Panchanan Barma University.
- The class rooms and well equipped laboratories are available for the Science Departments. The College also has class rooms with LCD projectors and computers. The Department of Geography utilizes the open spaces in front of the faculty building for the purpose of surveying as per the U.G. Syllabus.
- Most of the departments have computer facility with access to internet. Full computerization of the Office and the Library is under progress. The Admission procedure of the College is also conducted online.
- The well equipped mini conference room in the ground floor of the Centenary Building (Shatabhisha) is used for various academic and cultural programmes. This hall is also used as rehearsal room during cultural functions. Students' Freshers Welcome, Debate, Quiz competition, Seminars, Lectures, etc. are arranged here. The hall also has the facilities like power backup and well equipped audio system.

- The Rabindra-Prafulla Mukta Mancha was built in 2011 to commemorate the sesquicentennial birthday celebration of Rabindra Nath Tagore and Acharya Prafulla Chandra Ray. The Annual Day of the College is being celebrated here in every year on September, 3rd to encourage the academic endeavour in remembrance of the birthday of Acharya Brojendra Nath Seal.
- There is a Green House along with a Medicinal Plantation maintained by the Botany Department to fulfill the practical purposes of the department.
- To make the College campus greener, a garden is located within the lap of Central Administrative Building and Acharya Brojendra Nath Seal Block is maintained by the Forest Department of the Government.
- The Central Instrumentation Room is situated at the vicinity of the Social Science Block which comprises some valuable instruments pertaining to the Science Departments.
- A Rainwater Harvesting Unit has been established in 2014 adjacent to the Central Library Building to utilize the precipitated water more efficiently.
- Separate hostel facilities for the girls and boys are available.



Boys and Girls Hostels

- A Students' Health Unit is situated inside a old house in front of *Ankur*.
- There are other campuses and landed properties which can be used for further infrastructural expansion/extension. These are:
 - i. "Bani Bhaban" campus which is now in dilapidated condition would be renovated for giving space for library-Auditorium-guest house and kitchen with dining hall with all modern facilities.
 - ii. "Antara", named usually as Bairagi Dighi Campus, formerly Principal's Residence (adjacent to Madan Mohan Temple). The former residence is now declared as Heritage

Building. Besides this building, there are two recently constructed residential complexes in this campus. This *Antara* campus would be renewed as museum of higher order with well furnished accommodations for the Department of Museology.

iii. “Torsha” campus is located nearby Sahitya Sabha in the western part of the Cooch Behar town. There remains a building to some extent dilapidated. The proposal for repair and renovating it has already been submitted to the relevant District authority of the relevant department.

iv. There remains a plot of vacant land (0.66 Acres approx.) of the College in the Rash Mela Maidan located on the southern opposite side of the main campus. Presently this is used for some public utility. This may be utilized for constructing some faculty buildings in the future course of time.

v. There remains similarly a plot of vacant land (0.70 Acres approx.) of the College beside Cooch Behar Club located at southern bank of Bairagi Dighi in front of Madan Mohan Temple. This landed property may be used for developing some newly emerging facilities in the coming course of time. This is named as **Utkarsha Bhavan** as this houses a century old construction at its heart. This construction was used for cultural purpose at the time of Royal Reign.

B. Extra- curricular activities: The infrastructural facilities available for conducting extra-curricular activities are as follows:

- There are two playgrounds of considerable sizes in the College campus. One of which is situated in the western side of the Administrative building, holds the College Annual Sports meet. This ground is also used for holding Cricket Tournament (Acharya Premium League) and Inter-Departmental Football Tournament every year. Another field is situated at the South Eastern part of the campus juxtaposed with the College canteen and the Rabindra-Prafulla Mukta Mancha. This ground is used by the students of Geography department for their survey work. A Volleyball Court is also there in the southern part the ground. Apart from this, a portion in the northern part of the ground is also devoted to Badminton Court where the students often play during leisure. The teaching and non-teaching faculties also take pleasure in playing especially during winter months.

- The students avail indoor games like Carom, Chess, and Ludo etc. in the common room.
- The College also houses a gymnasium with requisite equipments.
- The cultural activities like the College Annual Day and College Social are held in the said Mukta Mancha. The Admission related activities along with the Fresher's Welcome is conducted in the College Conference Hall. The students actively participate in the cultural programmes of the College.
- The College maintains a very active NCC unit. The students from our College and elsewhere get admission to the NCC unit where they get trained in various activities. Some of the Cadets have also participated in the March Past of the Republic Day held in New Delhi.
- The students are motivated to participate in the College NSS Wing also. They take active role in various extension activities planned and implemented by the NSS Wing of the College. For details Section 3.6.4 may be reconsulted.

4.1.3. How does the Institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/ augmented and the amounts spent during the last four years (enclose the master plan of the institution/ campus and indicate the existing physical infrastructure and the future planned expansions, if any).

Every institution of the world has no terminal point in the path of growth. Each of them has never ending growth process. Such a process makes availability of infrastructure in the line with the academic growth. This is true for Acharya Brojendra Nath Seal College also. During its one hundred years of life time a shining academic growth has taken place and corresponding to this infrastructural availability has also developed. This developing condition is used optimally through proper planning. Categorically speaking the institution does plan and ensure the optimal utilization of the available infrastructure which is in line with its academic growth in the following ways.

- Formulating routine for theoretical and practical classes of both morning and day shifts in such a manner that class rooms be used without any interregnum that means classes be held consecutively.

- Using the allied infrastructure such as conference hall etc. for the purpose of holding seminar and lectures.
- Utilizing the building infrastructure by allowing holding of public examinations on non-working days and holidays
- Giving space to the distance learning centres of Indira Gandhi National Open University and Burdwan University for conducting all activities of these centres.
- Allowing out- house scholars to consult the library facilities.
- Extending space for arranging various government programmes such as Youth Parliament Programme, Science fair and Exhibitions.
- Arranging Academic Book Fairs.

All these are the planning strategies in the context of the noted aspect.

Specific examples of infrastructure development during the last four years:

- Rabindra-Prafulla Mukta Mancha
- Maharaja Nripendra Narayan Bhavan

Table 4.1: Allotment and Utilization of Fund Relating to the Construction of Exemplified Infrastructure Constructed During 2011-12 to 2014-15

Name of the Infrastructure and Funding Agency	Allotment According to Vetted Cost Estimate Placed (in Rs.)	Utilization (in Rs.)
(1)	(2)	(3)
Rabindra-Prafulla Mukta Mancha* Uttor Banga Unnoyon Parshad	NA	NA
Maharaja Nripendra Narayan Bhavan Govt. of West Bengal (Quasi Sesquicentennial Central Building)	2,31,98102.00	2,31,98102.00

*Note: *A certain counter part of the allotment according to the vetted cost estimate for constructing Ankur i.e Rs. 37,10,823.00 is utilized for erecting this as this would be over estimated amount by somehow or other. For it allotment and utilization relating to its construction is not available (NA)*

Master Plan, Existing Physical Infrastructure, and Future Planned Expansion:

This type of govt. College mostly develops through the formulation of plan in need based manner and government's prerogative. Because of this fact, this College has no master plan for a longer period. But the present time dictates to formulate master plan and the College already takes the corresponding initiatives through the construction of a sub-committee, namely, College Development and Planning sub-committee under the purview of Teachers'

Council. This committee has already started its activity through the conduct of a joint survey with IQAC and College Caretaking sub-committee for formulating a master plan. In this regard, this committee has made relevant communication with The Executive Engineer (PWD), Cooch Behar Division Social Sector, PWDTE, P.O. & Dist. Cooch Behar, West Bengal, for taking the relevant assistances. Through the assistances of this authority a Master Plan Map of the College and its' outside campuses has been prepared. This is enclosed herewith. The caption of it is Master Plan Map Panel (Annexure IV). This map gives clear idea about the existing infrastructure which is noted earlier in Section 4.1.2 and the unutilized spaces, dilapidated buildings. The unutilized open spaces and the spaces holding dilapidated buildings will be utilized for erecting newer infrastructure, well equipped with modern facilities with a view to opening various subjects of study and PG Courses along with library building, guest house etc. in the coming fifteen to twenty-five years.

4.1.4. How does the Institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The College has sagacity and perseverance to the matters regarding the differently-abled students.

- A separate room is arranged for the visually challenged students during the examinations. They are allowed to bring writers along with, as per University rules.
- With regard to their ease of movement the College has already invited estimation for building a ramp at the entrance of Library.
- A toilet facilitated with hand railings has also been arranged in the ground floor of the Library building for the differently-abled student

4.1.5. Give details on the residential facility and various provisions available within them.

The College has separate hostel facilities for the boys and the girl students. The hostels not only provides congenial environment for pursuing academic activities but also helps to nurture their cultural traits.

- The Nripendra Narayan Memorial Boys' Hostel is situated adjacent to the northern most frontier of the College in a separate plot facing Sunity Road. It has a capacity of 110 seats for the U.G. and P.G. students of the College. There is a library and a reading room

facility for the boarders. Newspapers are also being taken for them. They can play in the adjacent ground during their leisure hours. Provisions are also there for indoor games.

- The A.B. N. Seal Girls' Hostel, namely, Sister Nivedita Girls' Hostel is situated off the campus at the side of Bangchatra Road beside the Students' Health Home. The Girls' Hostel has a seat capacity of accommodating 68 students pertaining to the U.G. and P.G. levels. The girls' hostel has a reading room facility. Newspapers are being taken for them as well. They can also get rejuvenated by participating in the indoor games.

4.1.6. What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The followings are the provision in this regard:

- First-aid facility to the students in minor cases extended through the Health Care Unit of the College.
- Facilities extended by the M.J.N. Hospital which is located at a stone's throw distance.
- Medical facilities from the Students' Health Home situated in the vicinity of the Sister Nivedita Girls' Hostel.

4.1.7. Give details of the common facilities available on the campus – spaces for special units like IQAC, Grievance Redressal Unit, Women's Cell, Counseling and Career Guidance, Placement Unit, Health Center, Canteen, recreational spaces for staff and students, safe drinking water facility, Auditorium etc.

- The College has an Internal Quality Assurance Cell (IQAC) comprising the Principal (Ex-officio), Director, members belonging to the teaching and the non-teaching staff, students and a few external members. A separate room is allotted to the IQAC of the College in its administrative building.
- Grievance Redressal Unit does very much exist in the College. Besides this, there remain some other units or sub-committees, namely, Students' Affairs sub-committee and Disciplinary sub-committee for dealing with the grievances of various sections of the College.

- The College Women's Cell, under Vishakha guideline also functions on different relevant issues. The Cell also takes up different actions to sensitize female students, teachers and non-teaching staff.
- The Net/Set sub-committee and Entry-in-Services sub-committee are active. They arrange for classes of NET, SET, SSC, WBCS etc. catering to the academic necessities for the students, ex-students and external students pursuing career.
- Remedial classes are also taken in each and every department for facilitating the SC/ST students.
- There is a Health Care Unit under the monitoring of the Department of Physiology to handle issues related to health and hygiene.
- The students enthusiastically participate in sports like football, cricket, volleyball and badminton which are usually held in the College play grounds. They can play indoor games like carom, table tennis, chess etc. in the students' common room. The teaching and non-teaching faculties also take pleasure in playing the same especially during winters.
- The always neat and clean College Canteen (Kalaswar) provides refreshment to the students, teachers and non-teaching staff of the College. It is situated in the south eastern most corner of the campus. It provides purified drinking water facilities and foods at cheap rate.
- The buildings are equipped with several water purifiers and water coolers as well.
- There is no specific auditorium. But the College has made a plan to construct the same on the first floor of Ankur and correspondingly it has been constructed to some extent. The remaining part of it will be completed in the near future if time, resources and related others will permit to do so. Instead the College has a mini- Conference room generally utilized for holding admission works, for delivering educational lectures, seminars and memorial lectures, etc. Cultural programmes are also arranged here as and when required.

4.2 LIBRARY AS A LEARNING RESOURCE

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student / user friendly?

The A.B.N. Seal College Library has an Advisory Committee, namely, Library Sub-Committee, which is formed under the purview of Teachers' Council in each of its' tenure. This Advisory Committee is headed by the Principal / Officer-in-Charge as the Chair-person. The Librarian acts as the Convener, a reasonable number of teacher members are chosen from the Teachers Council. Teacher-in-Charge of each and every Seminar/ Departmental Library and the Teachers' Council Secretary are the ex-officio members.

In the frequent meetings of this Advisory Committee the Convener i.e. Librarian presents proposals and planning strategies for the upgradation and updating of the Library in order to make the library more user-friendly. These Committee members critically analyze the proposals and planning strategies as presented. And then they give important suggestions, additions and deletions in a very much organized manner through taking unanimous resolutions relevant to the said issues in the meetings. There after librarian takes initiatives to implement the suggestions, additions and deletions evolved in the meetings. Thus the library day by day is approaching to the best possible user-friendly level.

The following are the issues on which the business of the library committee is centered around:

- The maintenance and general administration of the Library, in consonance with the plan of actions suggested implementing in the sphere of library by the previous NAAC peer team at the time of visit in the year 2008.
- The nature of existing infrastructure of the library and identification of the areas of its repair, renovation and improvement for furnishing to the College Development and Planning Committee.
- The up-gradation of the Library in terms of improvement of the facilities for making library service more and more user friendly over time, and
- The ways and means of the enrichment and sustenance of the Seminar/ Departmental libraries.
- The matters of collaboration with national level libraries.
- The matters of library related extension activities such as, Academic Book Exhibition, Photography Exhibition etc.
- The matters of arranging *Academic Book Fair* and its management.

- The purchase of various books, journals, periodicals and other reading materials to enrich the resource acquisition of the Library.

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.):** 3518 sq. ft. per Floor x 2 Floors = 7036 sq. ft., i.e. 654.348 sq.mts.

- **Total Seating Capacity:**

a) For Student: 36 (Reading Room) + 8 (Computer Browsing Room)= 44

b) For Teaching and Non-teaching users: 36(Reading Room) + 6 (Reference Section) + 4 (Computer Browsing Room) = 46

- **Working hours:**

a) On working days: 10 A.M. – 5 P.M.

b) On Saturday: 10 A.M. – 2 P.M.

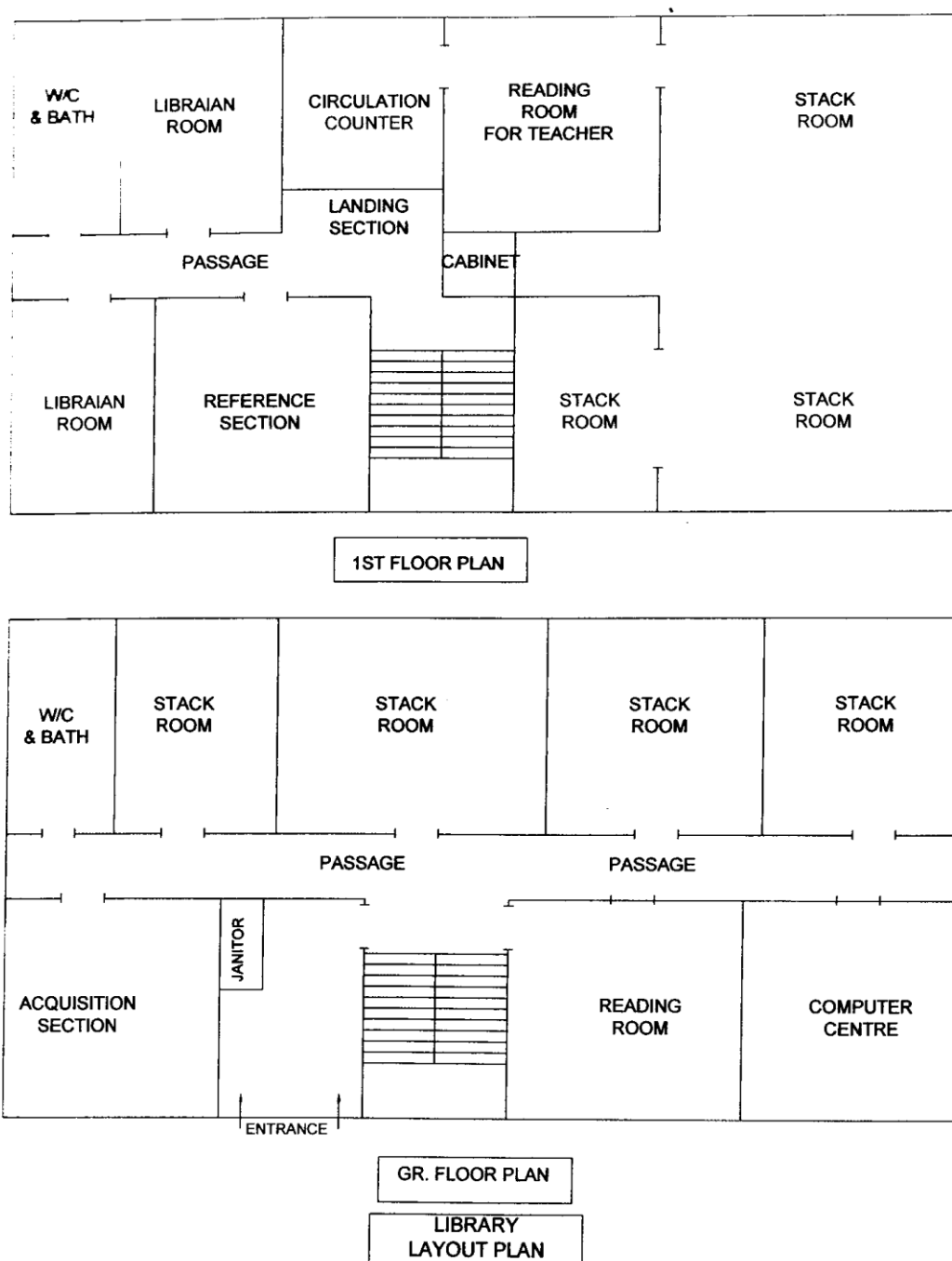
c) On holidays: closed.

d) Before examination days: 10 A.M. – 5 P.M.

e) During examination days: 10 A.M. – 5 P.M.

f) During vacation: 12 noon – 3 P.M. (Except Saturday)

- **Layout of the library:** The Library has a huge collection of library materials and day by day these collections are growing on (Photograph Panel No. 4.1). To accommodate those and to construct comfortable reading carrels or lounge area for browsing and relaxed reading ,are aimed to be built in the coming course of time in the campus of dilapidated Bani Bhavan (Please see Section 4.1.2 again).



4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

- ***Description about the purchase and use of printed books and journals:***

The Library does ensure the purchase and use of current printed titles relating to books and journals along with similar other reading materials in the ways as described here. After receiving of grant for purchasing books and journals from State Government or UGC

whatever be the grantee organizations, the total amount is rationally allocated in the meeting(s) of Purchase Advisory Committee composed of the Principal and all Heads of the Departments inclusive of Library among all the departments and the library of the College. And then the Heads of the departments place lists of books and journals, covering the current syllabi of the respective departments to the librarian for the purchase of those. Then the books and journals are purchased under the supervision of the Librarian. In this connection, library users' demand for specific books and journals and the suggestion of the Library Committee about the purchase of various reading materials are also kept in mind. After acquisition, accessioning and cataloguing of the books are done, some of the purchased books are sent to the Departmental Seminar Libraries according to the requisition of the respective departments, some are placed in the Reading Room and Reference section for the reference purpose and the rest of books are made available to the users for lending and borrowing.

• **Description about the assurance and purchase of e-reading materials specially e-journals :**

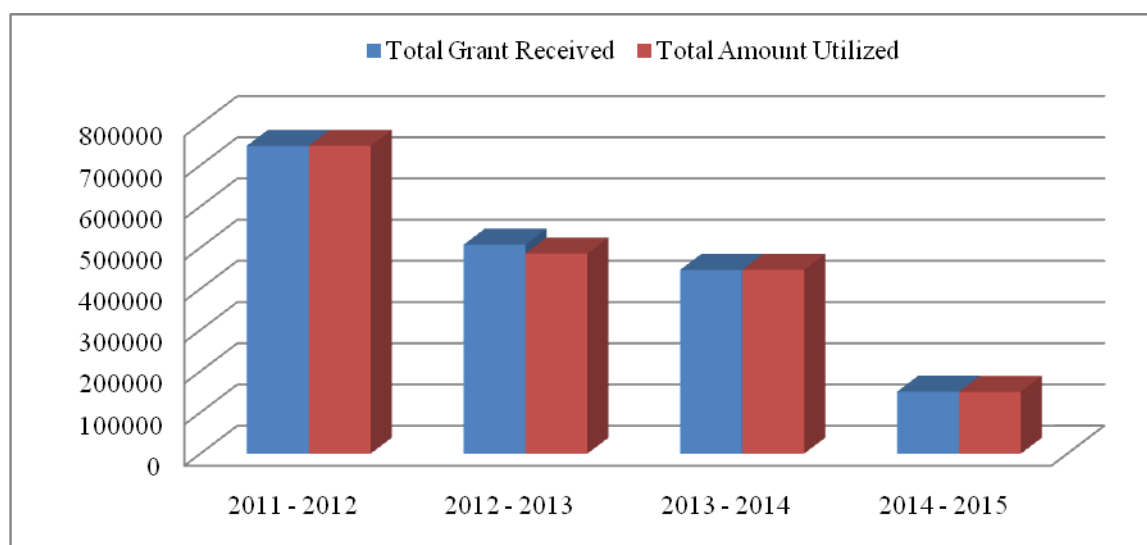
For ensuring use of e-books and e-journals to the users, the College has been the member of/ subscriber to N-LIST (National Library and Information Services Infrastructure for Scholarly Content) under UGC- Infonet (Digital Library Consortium) from the year 2009. Such a connection ensures the use of 93809+ e-books and 6247+ e-journals to the users.

Table 4.2: Details About Grant Received (in Rs.) and Utilized for the Purchase of Books and Journals during last 4 years (2011-12 to 2014-15)

Years	Source-wise Grant Received (in Rs.)		Amount of Previous Years' Deficit or Surplus (in Rs.)	Total Amount Received (in Rs.)	Head-wise Amount Utilized (in Rs.)		Total Amount Utilized (in Rs.)	Amount* of Deficit or Surplus (in Rs.)
	State Govt. Development Head/ Grant	UGC			Books	Journals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011-2012	3,00,000	4,47,341**	NIL	7,47,341	5,83,839	1,63,341	7,47,180	161
2012-2013	3,00,000	2,07,000***	161	5,07,161	3,37,649	1,48,180	4,85,829	21,332
2013-2014	2,00,000	2,25,000	21,332	4,46,332	4,24,805	21,150	4,45,955	377
2014-2015	1,50,000	NIL	377	1,50,377	1,49,945	NIL	1,49,945	432
Over All the Years	9,50,000	8,79,341	21,870	18,51,211	14,96,238	3,32,671	18,28,909	432

Notes: * Amount of deficit or surplus is adjusted in purchase of books and journals during the successive financial year. ** UGC-CPE. *** UGC-P.G. Special Grant

A summarized view of this tabular presentation is depicted in Graph 4.1



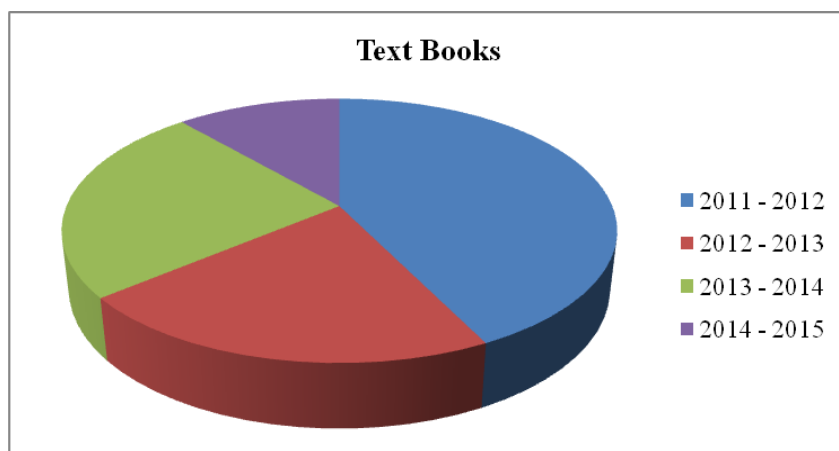
Graph 4.1: Summarized View of the Table 4.1

Table 4.3: Item-wise Details of Amount of the Grants Utilized for the Purchase under the Heads of Books & Journals during last four years (2011-12 To 2014-15)

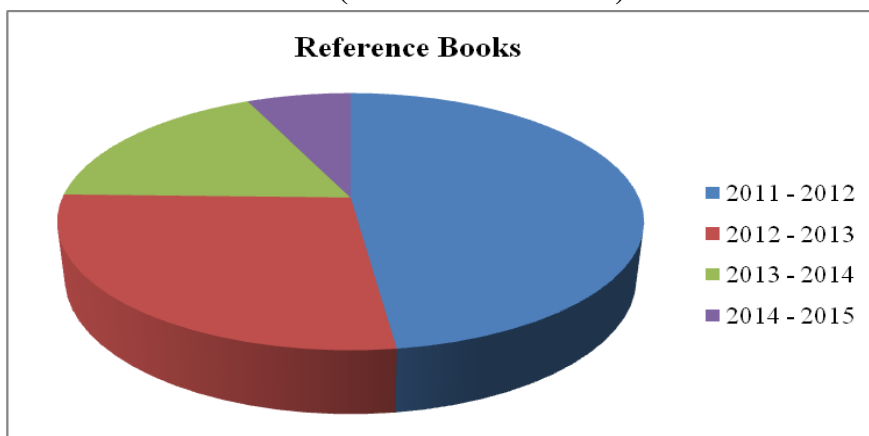
Items of Library holdings under different Heads	2011 – 2012		2012 – 2013		2013 – 2014		2014 – 2015	
	Number under Each Item	Total Amount Utilized (in Rs.)	Number under Each Item	Total Amount Utilized (in Rs.)	Number under Each Item	Total Amount Utilized (in Rs.)	Number under Each Item	Total Amount Utilized (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Books & Journals/ Periodicals/ Reports Head								
Text books	1,316	3,99,898	660	1,64,517	757	3,86,442	354	1,21,309
Reference Books	265	1,83,941	152	1,73,132	98	38,363	38	28636
Journals / Periodicals / Report	231	1,63,341	146	1,48,180	122	21150	NIL	Nil
Total	1,812	7,47,180	958	4,85,829	977	4,45,955	392	1,49,945
e-resources and any other Head								
e-resources*	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Any other	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Over all Total	1,812	1,63,180	146	4,85,829	977	4,45,955	392	1,49,945

*Note: * e-resources here mean purchased e-books and e-journals only.*

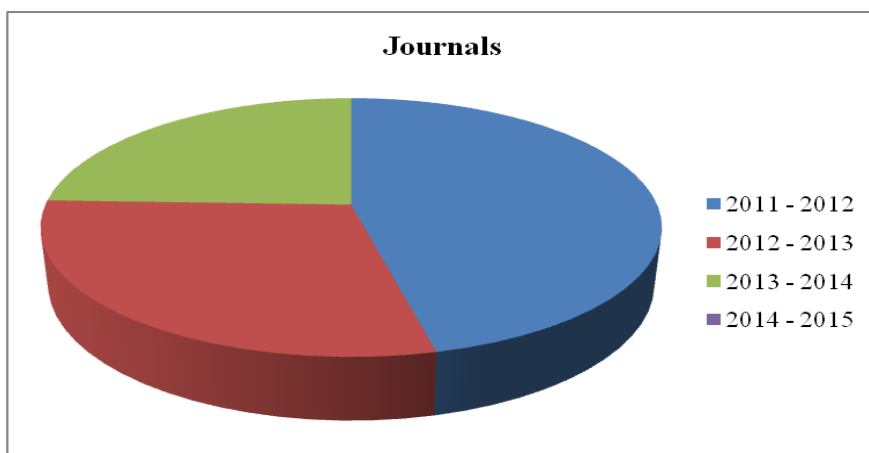
For a clear visual understanding of the contents of the Table 4.2 Pie Diagrams 4.1, 4.2, 4.3 and Graphs 4.2, 4.3 are added here.



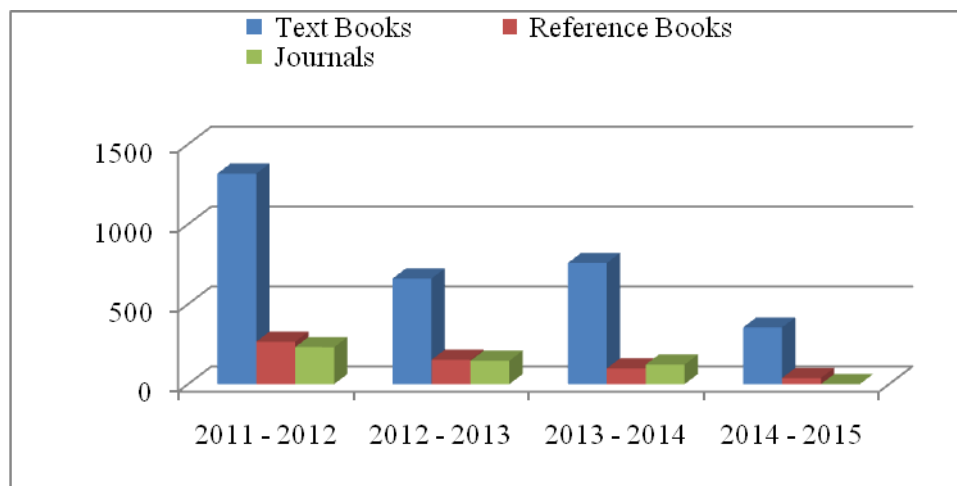
Pie Diagram 4.1: Pictographic Exposition about the Purchase of Text Books Over the Years(2011-12 To 2014-15)



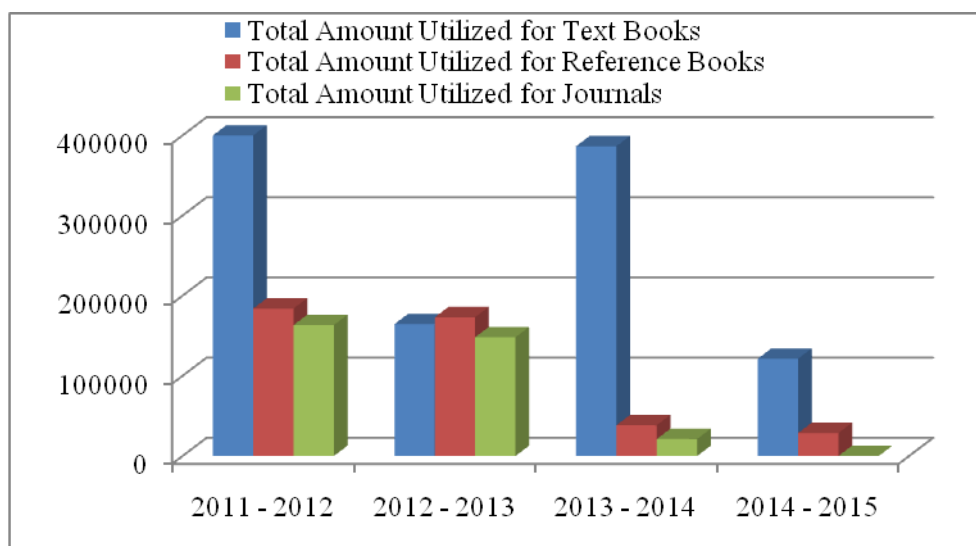
Pie Diagram 4.2: Pictographic Exposition about the Purchase of Reference Books Over the Years (2011-12 To 2014-15)



Pie Diagram 4.3: Pictographic Exposition about the Purchase of Journals Over the Years (2011-12 To 2014-15)



Graph 4.2: Diagrammatic Exposition of the Purchase of the Numbers of Text Books, Reference Books and Journals Over the Years: 2011-12 To 2014-15



Graph 4.3: Diagrammatic Exposition of the Amount Utilized for Purchasing Text Books, Reference Books and Journals over the Years: 2011-12 to 2014-15

All these tabular, pictographic and diagrammatic expositions of the purchases of text books, reference books, journals and amounts utilized in these contexts over the years from 2011-12 to 2014-15, very much clearly show that the main thrust here is given to purchase text books and reference books in all the years except 2012-13. This factual finding exhibits that the library and the College as well, has been giving emphasis to serve the interest of the students. That means the College is relatively more student sensitive in terms of the nature of its purchase of study materials.

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

The details in this regard are as follows:

- * Electronic Resource Management package for e-journals: INFLIBNET-NLIST Programme
- * In-house / remote access to e-publications: Yes
- * Library Automation: Under process.
- * Total number of computers for public access: 06
- * Total number of printers for public access: 01
- * Internet band width / speed 2mbps 10mbps 1gb (GB)
- * Institutional Repository: Under process and will be completed soon.
- * Content Management system for e-learning: In vogue.
- * Participation in Resource sharing networks / consortia (like INFLIBNET): Yes
- * OPAC: Not yet but under planning.
- * Federated searching tools to search articles in multiple databases: No
- * Library Website: Provision of a link through the College website is under planning.

4.2.5 Provide details on the following items:

- * Average Number of walk-ins: 125 per day
- * Average Number of books issued / returned: 100 per day
- * Ratio of library books to students enrolled: 70074: 3000 = 23.36 (variable over years)
- * Average number of books added during last three years: 719.67 i.e. 720 (without gift) and 847 (with gift).
- * Average number of login to opac (OPAC): NA
- * Average number of login to e-resources: Not available
- * Average number of e-resources downloaded / printed: Not available
- * Number of information literacy trainings organized: Not yet organized but under planning.
- * Details of “weeding out” of books and other materials: This is not possible as there is no complementary policy in this regard on the part of the higher authority.

4.2.6 Give details of the specialized services provided by the library

- * Reference: Yes
- * Download: Yes
- * Reading List / Bibliography Compilation: Yes
- * In-house/ remote access to e-resources: Yes
- * User Orientation and awareness: Yes
- * INFLIBNET / IUC facilities: Yes
- * Reprography: Yes
- * ILL (Inter Library Loan Service): No
- * Printing: Yes
- * Information deployment and notification (Information Deployment and Notification): No
- * Assistance in searching Databases: NA
- * Manuscripts: No

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the College.

The following supports are given by the library staff:

- The library staff renders the services for searching reading materials from the stack.
- The library staff regularly gives lending borrowing support to the faculties and the students.
- The library staffs allow open access facility to the stack for the faculties and for the P.G. students.
- The library staff also allows open access facility to the stack, to the UG students specially interested Honours students get as and when they need.
- The library staff regularly forward information about the latest acquisitions of the library to faculties and the students
- The library staff assists to have reading room facilities for the faculties and students.
- The library staff assists to have printing, reprographic, internet and likely other facilities for the teachers and the interested students.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

The details in this regard are as follows:

- The Library extends infrastructural facilities necessitated by these categories of persons for the physical access in the library.
- The Library remains always ready to take special care to assist the differently-abled students in getting the books they need at the least possible hazards.
- The Library is always ready to take care of these persons in the entry and exit from the library as and when they require.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

- At present, the library collects the information relating to the feedback from the relevant part of the departmental feedback forms. The Library will attempt to get regular feedback from its users through the following strategies:
 - Gathering the day-to-day experience of the regular interaction from the subordinate staff by the librarian between them and the library users.
 - Conducting frequently the opinion survey upon the library users on Simple Random Sampling With Replacement (SRSWR) basis.

Methods of analyzing the feedback:

- To make the relevant compilation of the data and information collected from the users by the librarian with the assistance his/her staff and library sub-committee members.
- To construct the statistical tables and schedules if necessary for having the summarized views regarding different classified aspects of the feedback.
- To send these summarized views to the IQAC for critically analyzing, to point out the broad based findings.

Strategies behind further improvement of the library services on the basis of the report made by IQAC upon feedback from users:

- To convene meeting of library sub-committee.
- To discuss the report of IQAC in the library sub-committee meeting.

- To communicate to the College Development and Planning sub-committee by IQAC for implementing the resolutions taken for the further improvement of the library services.
- To take necessary follow up actions by the College Development and Planning sub-committee convening a joint meeting by this sub-committee with the Principal / Officer-in-Charge and Teachers' Council Secretary.

4.3 INFRASTRUCTURE

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

The details on the computing facility available in the College are given below:-

- Number of computers: 74, Departments having both UG & PG – 51 (19 with internet facility), UG Departments having only UG -33 (13 with internet connection), Office – 9 (7 with internet facility) and Library-14 (1 with internet connection)
- Computer-student ratio: 24:1 (expected to improve in near future)
- LAN facility: Exists
- Wi-Fi facility: Yes.
- Configuration: PIV, CORE2duo, CORE i3, AMD / IBM. Server
- Licensed software: Windows XP and Windows 7, Quick Heal Total Security 14.00
- Number of computers with LAN and Internet facility: LAN: 16 ; Internet: 26
- Any other: Printer- 25, Scanner- 10.
- Stand-alone facility: Most of the existing computers.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Computer and internet facility is available for the faculty and students on the campus only. No off campus facility in this regard is extended to them. Internet access through the departmental terminals is provided to staff and students. Staff members have their account for online access through INFLIBNET. The detail of this may be understood to some extent from the Table 3.7 in Criterion-III.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The College has specific plans and strategies for deploying and upgrading the IT infrastructure and associated facilities. These plans and strategies are as follows:

Plans:

- To enhance Computer facility in the College library by installing software like LIBSYS,
- To introduce OPAC
- To introduce bar coding system in the Library
- To inflate the scope for access to internet for teachers and students
- To enhance the quality of teaching-learning process through the introduction of ICT
- To provide the Departments with increased numbers of laptops, desktops, projectors, screens, CDs, DVDs etc. to equip the students with more ICT facility with a view to making teaching-learning process more qualitative and effective.
- To give increased emphasis for the existing e-class room(s) or Smart Class room(s) for maintaining its updated quality.
- To modernize the College office work with more use of Computer facilities.
- To prepare full and proper student database in the coming future.

Strategies:

- To involve the IQAC and relevant other committees like College Development and Planning sub-committee, library sub-committee, Internet and Website sub-committee etc. for the preparation of the specific demand estimate and the related cost estimate.
- To send the demand and cost estimate in the proper manner to the State Govt. and other funding agencies specially UGC for the required fund.
- To utilize the forthcoming fund /grant-in-aid whatever be the amount of it, in the consecutive phases in the proper manner for implementing the above plans.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

The annual budget which is placed to the State Govt. for funding of the College for smooth running of the College, considers the above heads of expenses. A brief idea about these for the last four years from 2011-12 to 2014-15 may be found from the Table 4.3

Table 4.4: Provision Made in the Annual Budget* For Procurement, Upgradation, Deployment and Maintenance of the Computers and their Accessories for the Last Four Years: 2011-12 to 2014-15

Years	Year-wise Budgeted Amount (in Rs.) prayed to the Higher Authority (Govt. of West Bengal) on all Heads	Provision made (in Rs.) on the above Heads	Provision Made on the above Heads as % of the total budget Aggregate (col.3/col.2×100)
(1)	(2)	(3)	(4)
2011-12	35,00,000.00	1,50,000.00	4.29
2012-13	37,00,000.00	1,25,000.00	3.38
2013-14	41,00,000.00	75,000.00	1.83
2014-15	45,00,000.00	2,00,000.00	4.44
Total Over Years	1,58,00,000.00	5,50,000.00	3.48

*Note: * Budget does not become realized always. The full implementation of the budget depends mainly upon the amount of development grant to be sanctioned by the higher authority. The actual amount received is allocated according to the relative position of different heads in the budget as placed.*

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/learning materials by its staff and students?

The Institution always supports the students and the staff members to use the ICT resources for their upgradation. There are classrooms / Laboratories which have been furnished with LCD projectors for power point presentations, etc. Students are encouraged to deliver their seminar talks using such resources.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching – learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

In order to encourage student-centric teaching/learning, stress is put on participative learning and peer teaching. Students are recommended to use e-resources amply in preparing materials for their seminars, talks, group discussions, and especially project work. The teachers guide and facilitate them with every requisite.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

The College at present is exploiting the facilities of INFLIBNET of UGC being a subscriber. It is aiming to avail of the National Knowledge network connectivity directly in the near future course of time.

4.4 MAINTENANCE OF CAMPUS FACILITIES**4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?**

The College ensures the optimal utilization of the available financial resources in its purview through the advices of the Purchase Advisory Committee and other relevant cell and sub-committees like IQAC, College Development and Planning Sub-Committee, Library Sub-Committee. These advices are given in the form of resolutions taken in the joint meeting of the said cell and sub-committees. Following is a list of facilities and the corresponding sources of funding and government agencies involved:

- Building – Public Works Department, Construction Board, CIVIL
- Electrical Establishments – Public Works Department (Electrical)
- Furniture – Contingency grant of state govt.
- Equipment –Grants from state govt. and UGC
- Computer – Contingency grant of state govt. and from the grant-in-aid of UGC to some extent if availed in this regard.
- Vehicle– Nil
- Reading materials of the all Libraries – Where the scale of work is significant, pest control and dusting are done through the fund grant from the State Govt. after placing requisition for it. Otherwise some parts of the Contingency grant from the State Govt. are utilized for this purpose.

Tables 4.5 and 4.6 may substantiate all these.

Table 4.5: Budgeted Amount Prayed to State Govt. Exhibiting Allocation for Maintenance and Upkeep of Furniture, Equipment, Computers and Reading Materials of all Libraries for the Last Four Years: 2011-12 To 2014-15

Years	Year-wise Budgeted Amount (in Rs.) prayed to the State Govt. for the stated Purpose Relating to				Total	Maintenance amount as % of total budget (Col.6 in Table 4.5 to the Col.2 in Table 4.4)
	Furniture	Equipments	Computer	Reading materials		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	25,000.00	60,000.00	25,000.00	40,000.00	1,50,000.00	4.25
2012-13	25,000.00	1,25,000.00	30,000.00	45,000.00	2,25,000.00	6.08
2013-14	20,000.00	1,00,000.00	80,000.00	1,00,000.00	3,00,000.00	7.32
2014-15	15,000.00	1,00,000.00	1,00,000.00	35,000.00	2,50,000.00	5.56
Total Over Years	85,000.00	3,85,000.00	2,35,000.00	2,20,000.00	9,25,000.00	5.85

All these tabular presentations relating to Section 4.3.4 and 4.4.1 amply exhibit the keen inclination of the College authority towards maintaining and assuring the quality of infrastructures in this regard.

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the College?

The followings are the mechanisms in this regard:

- To conduct a joint survey frequently upon the existing status of the infrastructural facilities and equipments of the College by the IQAC, College Development and Planning Sub-committee, College Caretaking Sub-committee and College Canteen Sub-committee.
- To invite requisitions from the Students' Union in this regard on the basis of their survey.
- To communicate with the relevant state govt. departments as noted in Section 4.4.1 as and where permissible.
- To communicate with relevant office assistants for formulating budget to place the agencies noted in 4.4.1 for the remaining fields.
- To allocate rationally the fund received in response to the budget going through the Purchase Advisory sub-committee and etc. and abiding by all financial rules and norms.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

The teachers of different departments do this as and when necessary. Sometimes they get it done by the students of the concerned departments as part of their syllabus work.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Certain steps are taken for location, up keeping and maintenance of sensitive equipments such as:

- Protection extended by the departments for the sensitive equipments from mechanical and electrical damages, locating those in the safe place so that they render optimum and assured performances.
- Protection for upkeeping and maintenance of these, from disorderly situations such as voltage fluctuations and power outages is extended through the use of inverter and UPS.
- Facilitating power back-up, if necessary, through the use of already installed two generators in the College premises.

Any other relevant information regarding Infrastructure and Learning Resources which the College would like to include.

There is an Air Pollution Indicator installed in the roof top of Botany and Zoology composite building (*Ankur*). It is mentionable here that the College always intends to develop its infrastructure with invocation of time in parity with its mission and vision.

CRITERION V

STUDENT SUPPORT & PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

5.1.1. Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Every year the institution publishes its updated prospectus at the start of the admission process. The prospectus is also uploaded in the updated form every year in the College website for displaying it. Printed version of the prospectus along with the application forms used to be distributed among applicants prior to the introduction of online admission process in the academic session 2015-16. The prospectus provides the following information in updated manner:

- *A brief outline of the College with Historical Perspective.*
- *Admission guidelines and procedure.*
- *Fees structure during admission.*
- *Details of courses offered, intake capacity and available subject combinations.*
- *Rules and Regulations of the College relating to:*
 - i. Attendance
 - ii. Discipline
 - iii. Examination
 - iv. Library
 - v. Hostels (both Boys' and Girls')
- *Opportunities :*
 - i. Games, Sports, Cultural Programmes and other extra-curricular activities
 - ii. Gymnasium
 - iii. Students' Union
 - iv. Health/ Health Care Unit
 - v. Hostels
 - vi. Career Counseling Committee

- vii. Equal Opportunity Cell/Centre
- viii. Remedial Coaching Centre
- ix. Women's Cell
- x. Computer Cell
- xi. UGC Networking System
- xii. Coaching Centre (Entry Level))
- xiii. Memorial Lectures
- xiv. Educational Tour
- xv. Institution Visit
- xvi. PG Entrance Guidance Centre
- xvii. NSS and NCC Units
- xviii. Students' Projects
- xix. Computer Learning Programme
- xx. Distance Education Study Centers
- xxi. Various Stipends and Scholarships.

- *List of the Members of Teaching and Non-teaching staff*

In addition to the prospectus, the institution also publishes a **Holiday List** and an **Academic Calendar** for the convenience of the student and staff concerned. The Academic Calendar contains detailed information pertaining to the College activities throughout the year e.g. examination schedule of the College, tentative dates for publication of results, dates of annual re-union, prize distribution and sports. This academic calendar also provides clear directives in the planning of time management.

Methods of ensuring commitment and accountability:

The description furnished above indirectly discloses voluminous commitment and accountability of this institution towards the society. These are in brief – fair and smooth conduct of admission in the College and hostels, fair and smooth conduct of examination in the College, extension of various facilities as cited above. These commitment and accountability are materialized in the following ways:

- To form different sub-committees relating to the various issues as mentioned in the prospectus onwards admission, mostly under the purview of Teachers' Council.

- To organize and arrange the activities in consonance with the affairs noted in the prospectus, by the relevant committees as and when necessary, corresponding to academic calendar.
- To make time-to-time appraisals of the factual outcomes of the activities done convening the joint meetings with beneficiaries/stakeholders.
- IQAC keeps constant vigil on the working of different sections of the College and plays a crucial role.
- To communicate the reports to the College administration by the previously mentioned committees.
- To take necessary measures then by the College administration through its office, communicating with relevant departments and etc.

5.1.2 Specify the type, number and amount of institutional scholarships / free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The institution provides the support system through its office to give following types of financial support to the meritorious, financially backward and /physically handicapped students sponsored by different Governmental and Non-Governmental Organizations:

- West Bengal Govt. Merit-cum-means Scholarship
- Scholarship for Physically Handicapped
- UGC XIth Plan Stipend Scholarship for B.P.L.
- Post-Matric Scholarship
- Labour Welfare Board Scholarship
- Rashtriya Sanskrita Sansthan Scholarship
- Scholarship from W.B.M.D.F.C. Talent Support Programme
- SC/ST Scholarship
- Kanyashree Prakalpa
- Scholarship from Sitaram Jindal Foundation (Private Agency)

The question of arranging scholarship/free-ship for the above categories of students by the College does not arise in these days because the provision is made directly by the

Government Departments. For comprehensive account of this, see the Table 5.1 and Annexure IX.

5.1.3. What percentage of students receives financial assistance from state government, central government and other national agencies?

The Table 5.1 gives a brief view about this.

Table 5.1: Year-wise Number of Students in Absolute and Relative (percentage) Terms Receiving Financial Assistance from the Government* and Other National Agencies along with Other Related Information for the Past Years from 2011-12 To 2014-15*****

Years	No. of Students Applying For Receiving Financial Assistance	No. of Students in Absolute Terms Receiving Financial Assistance	No. of Students in Relative Terms Receiving Financial Assistance(Col.2 /Col3×100)	Name of the Sources	Total Amount of Financial Assistance received (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)
2011-12	1898	137	7.22	Govt.	8,13,650.00
2012-13	2073	159	7.67	Govt.	11,11,700.00
2013-14	2148	84	3.91	Govt.	3,14,700.00
Average over the years	2040	127	6.27	Govt.	746683.33

Notes: *Govt. means both Central and State Governments .Presentation in such aggregative manner is followed for the simplicity of the presentation.

** Students here are applying only for Governments' assistance.

*** Relevant information for the year 2014-15 is not yet at hand.

5.1.4 What are the specific support services/facilities available for:

◆Students from SC/ST/OBC and economically weaker sections

The following are the specific support services/facilities available for students from SC/ST/OBC and economically weaker sections:

The College strictly follows the regular reservation policy for SC/ST/OBC students framed by the Government during admission in UG & PG courses. After admission, students from SC/ST/OBC category are informed through notification in due time to apply with bank account number for Govt. scholarships and allied facilities. The applications after verification are sent to SDO office wherefrom the students get their financial assistance through their bank accounts.

The College makes arrangement in order to support the SC/ST/OBC students in their studies in terms of **Remedial Coaching Classes** under the sponsorship and the approval of

UGC. Books are also purchased and sufficient study materials are given to these students for their academic benefit.

Equal Opportunity Centre/Cell of the College caters to the need of the female students as well as students from SC/ST/OBC and minority sections who are economically backward by helping them in fixing their objectives regarding the occupational aspects to be followed by them in future with the help of guidance and counseling.

◆*Students with physical disabilities*

The following are the specific support services/facilities available for students with physical disabilities:

The College takes special efforts to enable physically challenged students to secure Government scholarships like the Scholarship for Physically Handicapped from West Bengal Government.

The College arranges classes for the students with notable percentage of physical disabilities in the convenient places, if the case arises.

The teachers of this College individually help such students either in terms of providing financial support, arranging special classes along with giving psychological support.

The College remains always ready to provide the complementary inputs, according to the norms of the University and government, to the visually challenged students during tests and University examinations.

The College, following the prescribed norms, extends all types of support to the physically disabled students also during the time of examinations.

◆*Overseas students:*

The College is ready to extend the same facilities as enjoyed by the Indian students, for the overseas students as well if the case arises.

◆*Students to participate in various competitions/ National and / International:*

The students of this College get the facilities to participate in various intra-College, inter-College, District Level, State Level and National/International competitions. These may be understood from the following paragraphs:

The College on regular basis organizes different cultural programmes in order to increase the students' involvement with the College and to build their good moral character necessary for the society. The students participate in these programmes whole-heartedly. The Annual Fest of the College is organized in each year during 1st week of January by the Students' Union with the help of teachers. They arrange different competitions, like – recitation, singing, dancing, debate etc. The best performers are felicitated by the College authority. The College, during the third week of December in each year, also organizes the Annual Sports and Games Meet where students take part and compete in different events. Besides all these, the College organizes Annual Football Tournament in the rainy reason and Annual Cricket Tournament in winter, every year on competitive basis. Thus the students of this College are able to get ample scope to develop competitive attitude through their participations in the above programmes.

The Students of this College participate in inter-College competitions organized by the University every year and occasionally by the State Government.

The students participate in the District Level competition in the Youth Parliament Programme organized by the State Government. They did very well in this programme organized in December, 2015.

The students although participate in the intra-College, inter-College, District Level, State Level competitions on various programmes, they cannot yet prepare for representing themselves in the national and/ international level competitions due to their compact academic programme and lack of essential amenities.

◆*Medical assistance to students: health centre, health insurance etc.*

The College extends medical assistance to the students in the following ways:

The College has its own Health Care Unit or tiny Health Centre in the College premises. This unit or centre with the help of Physiology Department makes arrangement for routine health check-up of the students, teaching and non-teaching staff of this College. In this respect, this unit communicates with the CMOH, Cooch Behar District, for their assistance as and when necessary.

The College seriously considers the issue regarding students' health. At the time of admission to the College, students have to pay a minimum charge (Rs.10/ per annum) for

Students' Health Home. They, by showing their pay-in-slips, get health home card and thereby get medical facilities from this health home. In addition to that, during College hour if any emergency regarding students' health arises, arrangements are made from College to get immediate relief through admission to nearby District Town Hospital (MJN Hospital).

The College, for the future protection of the students, insures each student for a period of 3/5 years with Life Insurance Corporation of India.

◆Organizing Coaching Classes for Competitive Exams

The College provides special coaching for NET/SET examinations as well as SSC/PSC/WBCS and other competitive examinations. Mention here may be made in respect of NET/SET sub-committee and Entry-in-Services Sub-committee/ Cell. These cells organize coaching classes with the help of esteemed faculty members and outside experts. Willing students are provided coaching free of cost here. As per available information, so far 14 students of this College have qualified in State-PSC examination and 61 students have qualified in School Service/other competitive examinations in the last 5 years. At present, the expenses of these arrangements are financed by the relevant grant-in-aid from the UGC.

◆Skill development (Spoken English, Computer literacy, etc.)

The College tries to introduce various skill development programmes subject to its limitations. There is no programme to extend the facilities for developing skills in the field of Spoken English so far. But the Distance Education Centre run here by the Indira Gandhi National Open University (IGNOU) is at a position to provide likely scope extending the facility for skill development relating to Creative Writing in English.

The College imparts notable opportunity for skill development in the field of computer literacy. The Central Computer Cell/Laboratory, placed in the Department of Mathematics, developed a short course syllabus for hands-on training to generate computer literacy in the year 2010-11. There are various parts in the course, i.e. Training Courses on Software packages, Computer & Computer aided Packages, Introduction of the Hardware and Software, Introduction to MS Word, Introduction to MS Excel, etc. Almost 350 students of this College have participated in the Computer Literacy Programme in the year 2010-11. Since then the College has been making itself ready to arrange the basic level computer training programmes for the interested students if there be sizeable number.

◆Support for “slow learners”

Special tutorial classes are arranged in a regular manner in every Department in order to prepare the slow learners of that Department without interrupting the regular schedule. In these classes, attempts are made towards improving their level of understanding the subject, thought process, and skills for interaction. Arrangement of remedial classes, funded by the UGC, also helps slow learners to cope with their academics.

◆Exposure of students to other institution of higher learning / corporate / business house etc.

The faculty members of each Department always inspire the students to participate actively in the Seminars & Workshops etc. organized by institutions of higher learning of the locality. Sometimes they give space for the students for being accompanied with them to participate in similar programmes organized by local Universities and beyond local institutions of higher learning, i.e. Colleges, Universities and Research Institutes. Observations of the faculty members upon the nature of participation of the students in these programmes in terms of their level of interactions amply exhibit their noticeable exposure. The culture of participation of the students in such programmes organized by corporate/business houses/likely others has not yet developed. Virtually the practice of linkage between higher educational institutes and corporate/business houses has not so far been originated and grown up herein.

◆Publication of student magazines:

There exists a strong culture of creative writing among the students of this College. They write and take attempts to publish those in the College magazine and departmental wall magazines. The name of the College magazine is ‘*Mayukh*’. This magazine is published annually by the Students’ Union Council of this College with the editing assistance of the teachers. A number of departmental wall magazines are published annually.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts

This type of scheme or effort is not seen so far in this College as it is situated in a remote place like Cooch Behar of West Bengal.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extra-curricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

***additional academic support, flexibility in examinations**

***special dietary requirements, sports uniform and materials**

***any other**

The College follows various policies and strategies to promote participation of students in different extra-curricular and co-curricular activities, namely, games and sports, quiz competitions, debate and discussions, cultural activities etc. Following are the policies and strategies adopted:

Policies

- To make the students aware of this College in this respect through the Prospectus given to them at the time of application for admission (also given on the College web-site),
- To aware them aware about the pros and cons inclusive of Government's positive approach in this regard in the Freshers' Welcome programme through the introductory speech and message of the Head of the institution and other Faculty members who are related in this aspect,
- To make them know and inspire them by the eloquent speeches of the General Secretary, Games & Sports Secretary, Cultural Secretary of the Students' Union Council about the College's policies.

Strategies

- To construct the related sub-committees under the purview of Teachers' Council, viz., Games & Sports sub-committee, Cultural & Recreation sub-committee,
- To construct similar sub-committees by the Students' Union Council,
- To convene joint meetings by the sub-committees formed within the purview of these two sections for discussing and settling the issues regarding date & time of the commencement of programmes, related expenses and etc.,
- To submit the requisition for funds for meeting the expenses of the programmes to the Head of the institution,

- To start the process in the true sense of the term jointly by the concerned sub-committees of the Students' Union Council and Teachers' Council for the commencement of the programmes, viz., Annual Sports Meet, Annual Cultural Fest* (*Nabaarun*), after getting the funds which are made available to some extent from the Government and from non-governmental funds.
- To incorporate mainly the students along with the interested teachers in the befitting cultural programme organized in connection with the occasion of celebrating Annual Day** of the College on 3rd September (the birthday of Acharya Brojendra Nath Seal) every year since 2009,
- To organize cultural programmes incorporating different events by each Department in departmental Freshers' Welcome,
- To organize cultural programme related competitions in observing national and international dates and days – for example, Quiz Competition on *Sanskrita Dibas* by the Department of Sanskrit, cultural programmes relating to *Rabindra Jayanti*, *Rabindra Prayan*, 21st February (*Matrihasha o Shahid Dibas*) by the Bengali Department, cultural programmes relating to Republic Day, Independence Day celebrations by the College and boarders of its Hostels, observance of Saraswati Puja by the College and Hostels and so on,
 - To organize the students for taking part in the Youth Parliament programme by the Department of Political Science besides these.

*Annual Fest *Nabarun* includes cultural competitions e.g. quiz, debate, discussions, Essay-writing, singing, dancing, drama etc. Events of this Fest vary over years.

**This is held for recapitulating the life and works of the Acharya, activities of the College in the past, awarding Acharya Brojendra Nath Seal Memorial Medal (*Smarak Samman*) to the renowned person (may be alumnus of the College), prizes and medals to the best performers of various sections of students (SC/ST/OBC/GEN) in all departments in attending classes, the University examinations and for organizing a befitting cultural programme along with some other cultural activities.

Policies and strategies regarding additional academic support, flexibility in examinations for the students competent in the co-curricular and extra-curricular activities

Policies regarding additional academic support:

- To extend reprographic and printing facilities by the Central Library *Manan* to these students free of cost as and when necessary,
- To inspire the faculty members in framing easily comprehensible student-friendly printed study materials for them,
- To motivate the teachers for giving additional time to these students beyond normal duties,

Strategies regarding additional academic support:

- To extend the added requirements of the reprographic and printing centre in *Manan*, the Central Library by the College authority,
- To make attempt by the faculty members for preparing relevant study materials,
- To give additional time and access to them by the teachers beyond their normal duties.
- To make arrangement for remedial coaching classes through UGC support scheme
- **Policies and strategies** regarding flexibilities in examinations: None
- **Policies and strategies** regarding special dietary requirements, sports uniform and materials:
 - To make arrangement of special dietary requirements as and when necessary, sports uniform, specially for football and cricket players and other essential materials,
 - To utilize a part of the grant received from the State Government in this respect

Policies and strategies regarding any other: None

The Strategy in this case:

- To construct mini stadium, auditorium and arrangement of competent guides for them.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, GATE / CAT / GRE / TOEFL / GMAT / Central /State services, Defense, Civil Services, etc.

The support and guidance provided to the students in this context are:

- To make arrangement for consulting relevant study materials (helping books, magazines, Quarterly etc.) in sufficient scale to the interested students through the library, Manan.
- To make arrangement for the preparation of competitive examination through the coaching classes by the Entry- in- Service Sub-Committee/ Cell,
- To organize congenial activities in this regard by the Placement Monitoring Sub-Committee,
- To assist the interested students by the faculty members specially through giving time after the normal duties,

Table 5.2 may be helpful in getting an idea about the achievements in this regard of the College

Table 5.2: The Number of Students of The College Appeared and Qualified in Various Competitive Exams: UGC-CSIR- NET, UGC-NET, SLET, GATE / CAT / GRE / TOEFL / GMAT / Central /State Services, Defense, Civil Services during the Last Four Years from 2011-12 To 2014-15

Name of the examinations	Years wise number of students appeared and qualified in different examinations								Total over years*	
	2011-12		2012-13		2013-14		2014-15			
	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified	Appeared	Qualified		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
UGC-CSIR-NET	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UGC-NET	150	12	140	10	160	16	130	09	47/580	
SLET/SET	150	04	140	03	160	04	130	01	12/580	
GATE / CAT / GRE / TOEFL / GMAT	NIL	NIL	30	02	NIL	NIL	NIL	NIL	02/30	
Central /State Civil Services	NIL	NIL	NA	04	NA	10	NIL	NIL	14/NA	
Defense	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	
West Bengal School Service Examination/others	NIL	NIL	NIL	NIL	NA	61	NIL	NIL	61/NA	
Total Over Examinations	300	16	Above 310	19	Above 320	91	260	10	136 /Above 1190	

*Note: * In this column Numerators in each cell are the totals of qualified candidates over years and the denominators in each cell are the respective denominators. This practice of presentation is followed due to inadequacy of space extended by the machine*

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)?

The College through its faculty members renders counseling relating to the mentioned aspects.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ``yes'', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programme).

The institution has a structured mechanism for career guidance and placement of its students. The career guidance is specially imparted through Entry in Services Sub-Committee, PG Entrance & NET/SET Guidance Cell. The services provided by these two sub-committees are:

- To the students aware about the careers for which they make themselves prepared,
- To make arrangement for the relevant study materials through the College central library `Manan`.
- To organize special coaching classes.

For the placement of the students through the campus interview method, the College makes itself ready to provide essential services to the students through its Placement Monitoring Sub-Committee/ Cell. In spite of this, there is not seen any activity in this regard. The fact behind this is the location of the College. No national, multinational organizations or likely other employers have shown interest to collect their manpower from this College situated in this hinterland.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The College has a Students' Grievance Redressal Cell in the name of Students Affair Sub-committee under Teachers' Council. But there is not seen any students' grievance reported during the last four years. The students here are very much sensitive about the maintenance and improvement of the existing infrastructure. They are giving constant look upon these. The grievances in this respect come directly to the Head of the Institution through the Students' Union Council. The Principal or the Head of the Institution then takes necessary measures, if possible, through the College Caretaking sub-committee and etc.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

There are the Institutional provisions for resolving issues pertaining to sexual harassment. This institutional provision is in a word, the Women's Cell of the College formed under Visakha Guideline. This Cell has not found any report in this regard till to date. This may be due to the fact of Women's Cell's strict directives about these towards the students.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The College has an Anti-Ragging Cell headed by the Principal. All Head of the departments are the members of this cell. This has been constituted as per the existing UGC norms. At the beginning of every academic year both the fresher and the senior students of the College are made aware of the ragging related rules and regulations by the College authority. The Cell, in its turn, directs the respective departments and the Students' Union to keep close watch on the students and to report immediately the untoward circumstance, if any, for appropriate action. The Prospectus clearly declares that, as per government directive and a verdict of the apex court, campus ragging in any form, physical or mental, has been totally banned within and outside the College premises. As a consequence there is no report seen placed in this committee, during long period of time inclusive of last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The following paragraphs give information regarding this:

- In the case of any financial necessity of any student (or even any staff Member) on medical ground and likely others, instant fund is generated by the *Staff Club* through generous contribution of the staff members and students for helping the distressed person.
- For the future protection of the life of the students, a welfare fund was created by the College with Life Insurance Corporation of India that insures the life of each student for a period of 3/5 years since 2010-11.

5.1.14 Does the institution have a registered Alumni Association? If "yes", what are its activities and major contributions for institutional, academic and infrastructure development?

Registered Alumni Association does not exist at present in this College. But the process for registration is in progress. It is expected that within a very short period of time the process will be ended and the College will have a registered Alumni Association. However, the

College always remembers and extends emotional spaces towards the distinguished alumni. The Table 5.3 exhibits some information about distinguished alumni.

Table 5.3: Information Regarding Some Distinguished Alumni of The College

Name	Area of Expertise
(1)	(2)
Raisaheb Panchanan Barma	Famous Educationist & Social Reformer
Pulin Bihari Das	Revolutionary in pre-independent India
Upendranath Barma	Famous Social activist, Politician & Writer of this area
Abbasuddin Ahmed	Famous Folk (Bhawaiya) song exponent
Shirshendu Mukhopadhyay	Famous Bengali Novelist
Sukha Bilas Burma	I.A.S. & Famous Bhawaiya Singer
Hari Madhab Sarkar	Faculty in Jawaharlal Nehru University
Atreyi Ghosh	Faculty in Alabama University, USA

5.2 STUDENT PROGRESSION

5.2.1. Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

The Table 5.4 provides the relevant information in this regard.

Table 5.4: Students Progression in Absolute and Relative (percentage) Terms to Higher Education or Employment for the last four Batches Covering the Years: 2011-12 To 2014-15

Students Progression to Higher Education and Employment	Batch / Year Wise Total Number of Students ^{**} Completed the Degree, Progression of Them in Absolute ^{***} and Relative ^{****} (Percentage) Terms			
	Batch No.1 2011-12	Batch No.2 2012-13	Batch No.3 2013-14	Batch No.4 2014-15
(1)	(2)	(3)	(4)	(5)
UG (H) To PG	440	438	440	440
	320	330	400	420
	72.72	75.34	90.90	95.45
UG (General) To PG (Distance and Others)	330	320	325	320
	280	300	310	310
	84.85	93.75	95.38	96.88
PG to M.Phil./ M.Tech.	110	110	110	110
	10	15	20	10
	9.09	13.64	18.18	9.09
M.Phil. to Ph.D.	N.A.	N.A.	N.A.	N.A.
PG To Ph.D.	110	110	110	110
	6	10	10	10
	5.45	9.09	9.09	9.09

UG To Employment	770 50 6.49	758 63 8.31	765 47 6.14	760 82 12.49
PG To Employment	110 81 73.64	110 31 28.18	110 44 40.00	110 42 38.18
M.Phil. To Employment	N.A.	N.A.	N.A.	N.A.
Ph.D. To Employment	N.A.	N.A.	N.A.	N.A.

*Notes: *Batch means out gone UG (Hons. & Gen.) and PG Students of the concerned year. Here initial year is 2011-12 and corresponding to that the batch of that year is considered as the Batch No.1. ** The top most figures in each cell of the Table; ***The intermediate figures in each cell of the Table; **** The figures at the bottom of each cell of the table; N.A. means Not Available. Because, this is basically an UG College.*

From the close look upon this Table, it is observed that students' progression to higher education has an increasing trend except few exceptions. The same to employment in the case of UG student shows the similar scenario while the case of PG students shows declining trend. This may be due to the irregularity in arranging School Service Examinations originated during the course of the years concerned to the batches since 2011-12

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the University)? Furnish programme-wise details in comparison with that of the previous performance of the same institution, and that of the Colleges of the affiliating University within the city/district.

Tables 5.5, 5.6 and related Diagrammatic expositions: Figures 5.1, 5.2 give some details in this regard. I

Table: 5.5: Some Information Details Regarding Programme Wise Pass Percentage and Completion Rate of Humanities/ Arts Stream over Different Batches for the Last Four Years from the Year 2011-12 to 2014-15

Batches/ Years	Programme Wise Pass Percentage and Completion Rate Over Different Batches for the Last Four Years								
	B.A. (Gen)	B.A. Honours in:							
		Bengali	English	Sanskrit	History	Geography	Pol. Sc.	Philosophy	Economics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Batch No. 1/ 2011-12	87.64	100.0	89.28	96.3	96.67	100.0	100.0	87.5	N.A.
Batch No 2/ 2012-13	70.0	86.2	96.3	95.24	96.88	100.0	100.0	82.76	N.A.
Batch No. 3/ 2013-14	83.1	86.21	96.3	100	96.88	100	96.15	90	N.A.

Batch No. 4/ 2014-15	73.1	93.33	92.31	100.0	80.0	100.0	88.0	82.76	100.0
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Note: N.A. means Not Available, this is due to, and there was no candidate for the Third year examination in these years.

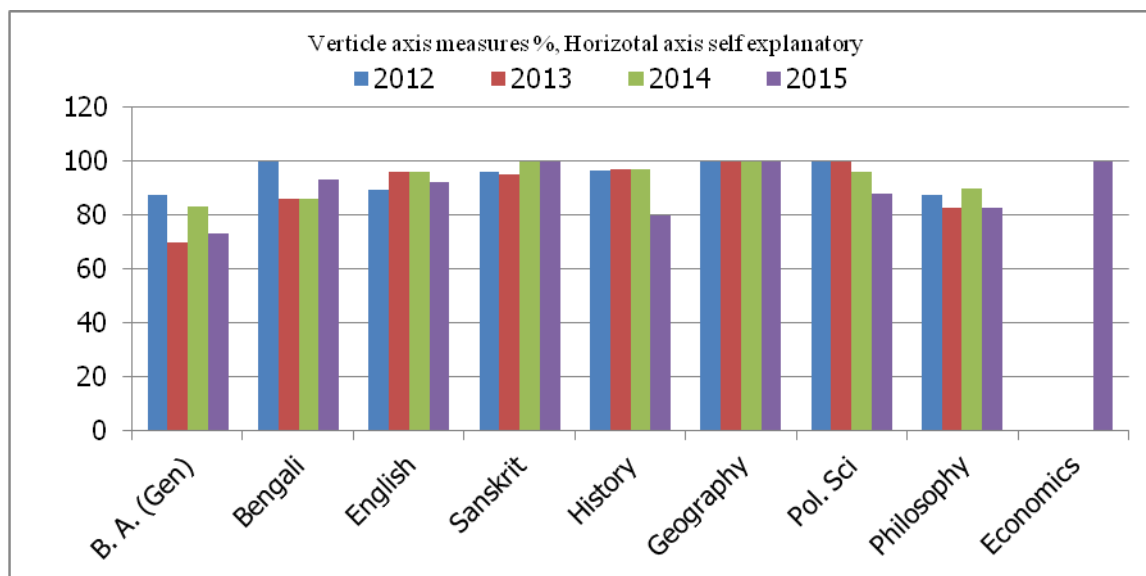


Figure: 5.1: The Diagrammatic Exposition of Table 5.5

Table: 5.6: Some Information Details Regarding Programme Wise Pass Percentage and Completion Rate of Science Stream over Different Batches for the Last Four Years from the Year 2011-12 to 2014-15

Batches/ Years	Programme Wise Pass Percentage and Completion Rate Over Different Batches for the Last Four Years						
	B.Sc. (Gen)	B.Sc. Honours in					
		Physics	Chemistry	Math	Botany	Zoology	Physiology
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Batch No.1/ 2011-12	96.15	100	100	100	100	100	N.A.
Batch No.2 /2012-13	90.2	80	90	96	100	69.56	N.A.
Batch No.3/ 2013-14	94.12	80	90	96	100	88	N.A.
Batch No.4/ 2014-15	88.89	95.24	76.92	100	100	88.89	N.A.

Note: N.A. means Not available. The Physiology Department is opened very recently. It has no final Year Batch.

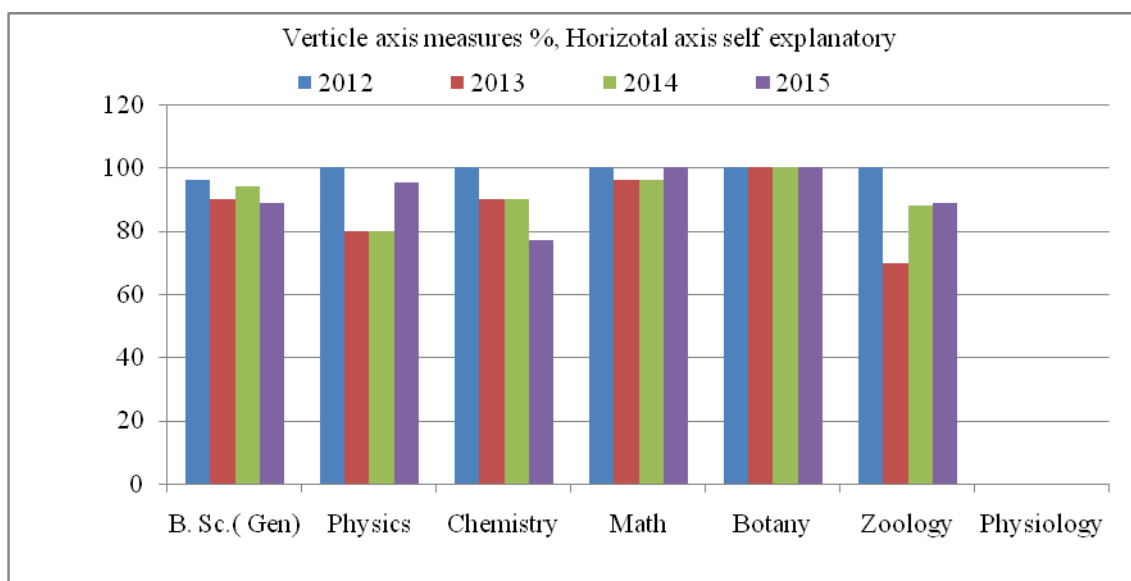


Figure 5.2: The Diagrammatic Exposition of the Table 5.6

The Examinations of Tables 5.5, 5.6 and related Figures 5.1, 5.2 clearly disclose the encouraging performance of the students of both streams in the final examinations over the batches for the last four years.

Comparison of the Present Result of the College with the Recent Past Along with the Same with Neighbouring Colleges of the City:

For the Comparison of The Present Result of the College with The Recent Past , The Tables 5.7, 5.8 and related Figures 5.3, 5.4 are presented here. These Tables and Figures are constructed on the basis of the relevant data for the previous years extending from 2008-09 to 2010-11.

Table: 5.7: Some Information* Details Regarding Programme Wise Pass Percentage and Completion Rate of Humanities/ Arts Stream Over Different Batches for the Previous Three Years From 2008-09 To 2010-11

Batches/ Years	Programme Wise Pass Percentage and Completion Rate Over Different Batches for Previous Three Years								
	B.A. (Gen)	B.A. Honours in							
		Bengali	English	Sanskrit	History	Geography	Pol. Sc.	Philosophy	Economics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Batch No.1 /2008-09	80.22	96.00	75.20	100.0	95.00	N.O.	85.25	100.0	100.0
Batch No.2/ 2009-10	78.23	97.32	80.00	100.0	95.33	N.O.	80.50	100.0	100.0
Batch No.3/ 2010-11	83.50	95.20	79.00	100.0	97.80	N.O.	91.01	100.0	100.0

Note: *Information regarding Data only for these years are available; N.O. means Not Opened

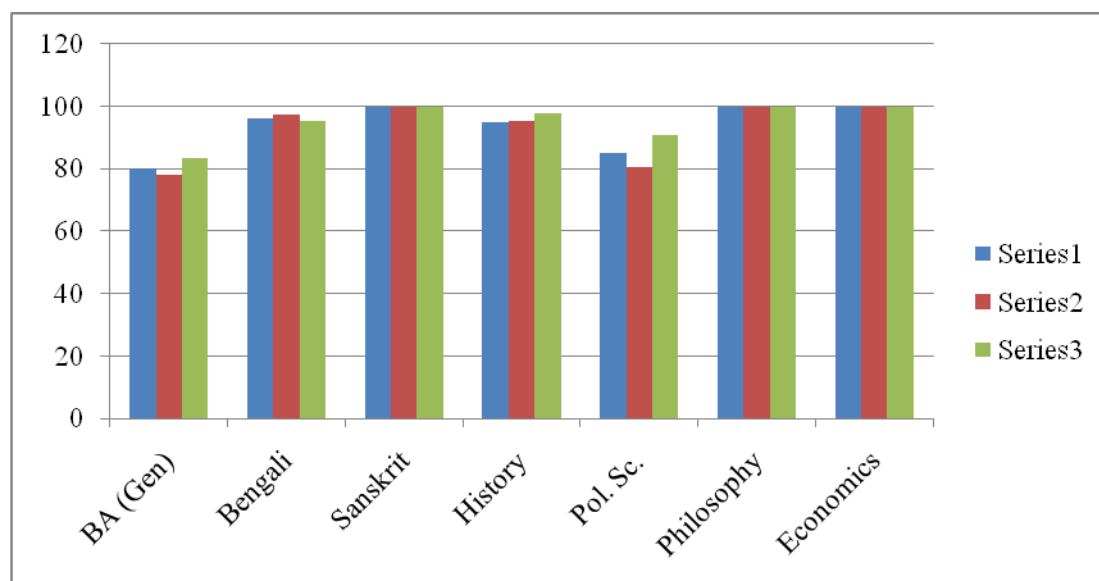


Figure 5.3: The Diagrammatic Exposition of the Table 5.7

Table: 5.8: Some Information* Details Regarding Programme Wise Pass Percentage and Completion Rate of Science Stream Over Different Batches for the Previous Three Years From 2008-09 To 2010-11

Batches/ Years	Programme Wise Pass Percentage and Completion Rate Over Different Batches for the Previous Three Years						
	B. Sc. (Gen)	B.Sc. Honours in					
		Physics	Chemistry	Math	Botany	Zoology	Physiology
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Batch No.1/ 2008-09	60.00	80.21	48.23	90.00	100.0	97.00	N.O.
Batch No.2/ 2009-10	52.50	75.20	52.30	95.00	100.0	98.07	N.O.
Batch No.3/ 2010-11	58.60	85.88	47.50	89.00	100.0	96.22	N.O.

Note: *Information regarding Data only for these years are available; N.O. means Not Opened

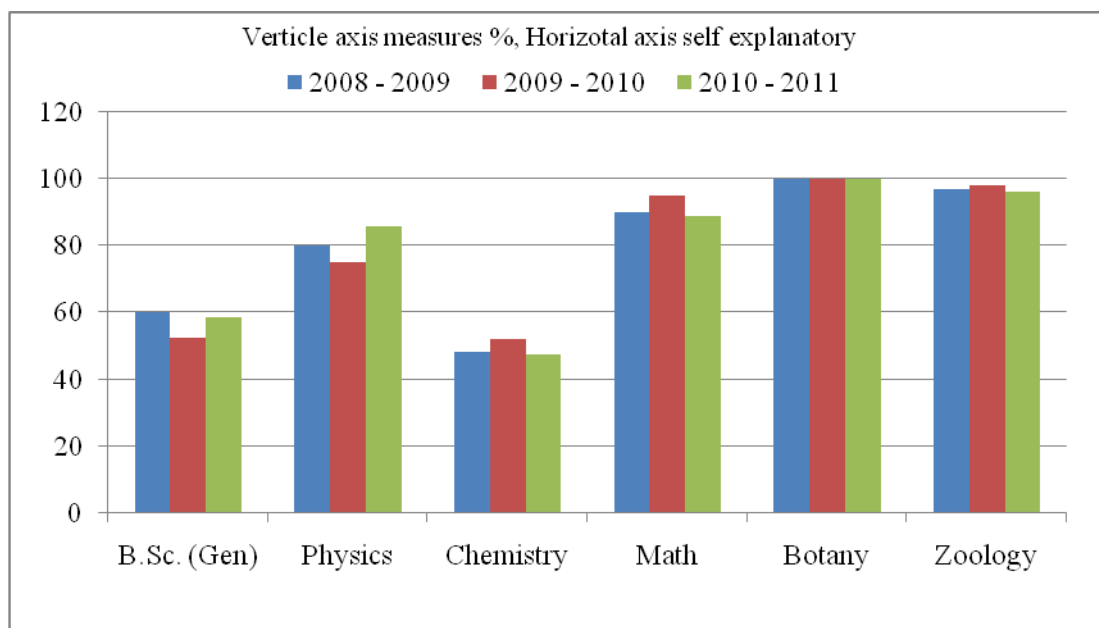


Figure 5.4: The Diagrammatic Exposition of the Table 5.8

A comparison of these Tables and Figures with the Tables 5.5, 5.6 and Figures 5.1, 5.2, clearly exhibits more or less same performance of the students of both streams in the Final Examinations over the batches in the recent past and present years. The aggregative periodic /year cohort comparison through forming summary tables and figures on the basis of the informations given in the above tables and figures is not made here for the fact that the fore made disaggregated presentation in this regard is sufficient to understand the matter. Again it is necessary to mention here that the performance of the PG students of different subjects in different batches from the year 2011-12 to 2014-15 is satisfactory up to the level. The pass percentage/completion rate as informed by the department is cent percent for these years. The similar is the nature of performance for the recent past years that is 2008-09 to 2010-11. And summing over all these about the PG programme, it may not be unwise to state that there remains the constant satisfactory pass percentage /completion rate in the PG departments throughout the years under consideration. As this nature of performance is sufficiently understood from this textual presentation, quantitative tabular presentation is avoided. Again it is worthwhile to note that in the neighbouring Colleges no PG programme is seen to be operated.

This is very much painful to state that, the contextual inter-College comparison is not possible due to the unavailability of relevant data from the neighbouring Colleges. In spite of this, considering the tradition, position, quality of students and other related matters this

may not be erroneous to say that this College occupies the notably higher position in this respect relative to its neighboring Colleges according to University data.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

The institution strives towards equipping the students with the best in academics. They are encouraged to go beyond the syllabus and to go through reference books and journals. This is supported by providing required articles from departmental and central libraries. Some of our students have been University rank holders in various subjects in the preceding years and their number is expected to improve in the upcoming years. This ensures to a certain extent student progression to higher education. The College offers post-graduate courses in Bengali, Sanskrit, History and Zoology. The target is to build up the infrastructure to offer PG courses in more subjects. Besides, this process of empowering the students for getting employment through facilitating them for higher level of education, this institution provides assistance to them for getting this ,imparting essential guidance through the NET-SET Sub-Committee, Entry-in –Service Sub-Committee and Placement Monitoring Sub-Committee.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The following are the special support provided to the students who are at risk of failure and drop out:

- The departments arrange tutorial classes and additional special classes.
- Teachers also take extra care of such students individually to cater to their specific academic needs.
- Teachers provide easily accessible study materials to them.
- Parent-Teacher meetings are held regularly to communicate with the parents about their wards' problems and performance.
- The financially weak students are encouraged to apply for the available scholarships and sometimes helped from student welfare fund.

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and programme calendar.

In keeping pace with the mission for providing an all-round holistic education to the students, they have been motivated to participate in various sports, games, cultural and extracurricular activities. The details of participation and programme schedule are given in Table 5.9.

Table 5.9: Information Details Regarding Programme Calendar and Approximate Participation of Students and faculties as activists and spectator cum audience in each Programme in Percentage Term:

Name of the Programme	Time Schedule	Participation
(1)	(2)	(3)
Cultural Programme in Annual Day Celebration	3 rd September	100.0
Inter-Departmental Football League	Last Week of September tentatively	80.0
Friendly Football Match Between Students and Faculties	First week of October tentatively	50.0
Annual Sports Meet	18 th and 19 th December tentatively	100.0
Annual Indoor Games	First Week of February tentatively	70.0
Annual Cricket League	Third week of February tentatively	60.0
Friendly Cricket Match between Students and Faculties	Third week of February tentatively	40.0
Annual College Social	Fourth Week of February tentatively	95.0
Saraswati Puja	As prescribed by the Alamnac	100.0
Photography Exhibition, Essay Writing Competition, Sit and Draw competition	Third Week of march tentatively	10.0
NSS Activities	As and when possible besides some pre-schedule dates of observing Banamohotsav etc.	30.0
NCC Activities	Every Saturday in each week except vacation	5.00

For visual understanding of all these, Photographic Panel -5.1 may be seen in Annexure -V.

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

There is no provision of University and other level of competition regarding cultural, extracurricular and co-curricular activities relating to fine, visual and performing arts except Youth Parliament Competition. The affiliating University organizes only inter-College games, sports and football competitions. The College authority inspires the students and makes the participatory arrangements to make them take part in this level of competitions and

accordingly the students specially interested in these lines are observed to participate therein. But the achievement is not significant over the years. The same scenario is seen in the case of state level competition also. However the performance in this regard so far achieved leaving out of the consideration of the levels as exemplified, is furnished here for giving an understanding the attitude of the College regarding this affair.

Details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: District/University / State / Zonal / National / International, etc. for the previous four years are furnished in Table 5.10

Table 5.10 – Year wise*details of major students’ achievements in co- curricular, extracurricular and cultural activities at different levels: District/University / State / Zonal / National / International, etc. for the previous four years from the year 2011-12 to 2014-15

Year: 2011-12				
Name of the co- curricular, extracurricular and cultural activities	Level	Name of the student	Departments belong to the students	Position , Prize
(1)	(2)	(3)	(4)	(5)
Poster presentation in International Conference on Magnetic Material and Application (ICMAGMA)	International	Camelia Das	Physics	First, Best Poster Award
Year: 2014-15				
Youth Parliament Competition	District	Moumita Bhattacharya	Philosophy	First, Best Leader Of Opposition
Youth Parliament Competition	District	Sukanya Tar	Political Science	First, Best Leader Of Ruling Party
Youth Parliament Competition	District	Dipu Chakraborty	Political Science	First, Best Parliamentarian
Youth Parliament Competition	District	Dipayan Sil	English	Second, Second prize in Extempore Speech
Year 2015-16				
Youth Parliament Competition	District	Munni Das	Political Science	First, Best Leader Of Ruling Party
Youth Parliament Competition	District	Sneha Routh	Political Science	First, Best Speaker
Chhatra Yuva Utsab (Govt. of West Bengal)	District	Dibakar Ghosh and Arzoo Saha	English	Joint First in Debate competition, First prize
Chhatra Yuva Utsab (Govt. of West Bengal)	District	Sourav Dutta	English	Second in quiz competition, Second prize
Inter College Cultural competition organized by	District	Rafique Hossain,	Sanskrit	Joint First in Quiz Competition , Joint

Cooch Behar College, Cooch Behar- West Bengal		Anusree Debnath & Arpita Paul		First prize
Inter College Cultural competition organized by Cooch Behar College, Cooch Behar- West Bengal	District	Chandrima Saha	Sanskrit	First in Vocal Competition, First Prize
Inter College Cultural competition organized by Cooch Behar College, Cooch Behar- West Bengal	District	Kakali Sarkar	Sanskrit	Second in Vocal Competition, Second Prize
Inter College Cultural competition organized by Cooch Behar College, Cooch Behar- West Bengal	District	Dipak Barman	Sanskrit	Third in Sanskrit Speech Delivery Competition Third Prize
Inter College Cultural competition organized by Cooch Behar College, Cooch Behar- West Bengal	District	Priyashi Debnath	Sanskrit	Third in Sanskrit Verse Recitation , Third Prize

Note: * The year wise information in this regard has not been possible to furnish in continuous manner because the years 2012-13 & 2013-14 show no such significant performance and achievement

5.3.3 How does the College seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The College seeks and uses data and feedback from its graduates only to improve the performance and quality of the institutional provisions. The employer of the College employees is Higher Education Department, Govt. of West Bengal. Yet, there is not seen any measure implemented by this employer in this regard. However, the College in otherwise case applies the following methods:

- On behalf of the College, the IQAC distributes through the departments questionnaires seeking feedback from the students on aspects of teaching-learning, infrastructure and students' supports..
- After seeking data, the IQAC compiles these according to the parameters and then prepares the feedback report.
- After the preparation of the report, the IQAC places this in the concerned Teachers' Council meeting.
- The Teachers' Council deliberates on this, and then accepts and confirms those parts of the report plausible to implement.

- After this, the College authority inclusive of all departments and Teachers' Council sub-committees takes measures to follow up on the suggestions of the Teachers' Council meeting.

5.3.4 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

The College involves and encourages students to publish above mentioned materials through the following ways:

- The College is involved in this regard through the departments and Students' Union Council.
- The College encourages the students through making them aware about the tradition of this College in this regard,

The **College Magazine**, named '*Mayukh*' is being published annually by the Students' Union Council of our College under the guidance of a responsible teacher. Apart from this effort the students of the different departments regularly publish **Wall Magazines** annually or bi-annually. Table 5.11 gives some details about these

Table 5.11: List of publications/ materials brought out by the students during the previous four academic sessions (2011-12 to 2014-15)

Name of the Annual College Magazine and Wall Magazines published during last four academic sessions	Publishing Wing/ Academic Department
(1)	(2)
<i>Mayukh</i>	Students' Union Council
<i>Bharatibhaa</i>	Sanskrit
<i>Agamani</i>	Bengali
<i>Prayash</i>	Political Science
<i>Anuranan</i>	Physics

Apart from these the preparation and procedure are already in progress to publish in-house journals from all the departments with the aid of UGC-CPE grant.

5.3.5 Does the College have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

As per government rule and the University Statute, the College has a Students' Union. The name of this Union is **Acharya Brojendra Nath Seal College Students' Union Council**. The members of the council are elected annually from and by the students of this College. The Election Sub-Committee comprising with efficient teachers monitor the total election process following the prescribed constitution, "*The Constitution Of Victoria College Students' Union , Cooch Behar renamed as Acharya Brojendra Nath Seal College Students' Union, following the amendment in consonance with the Paragraph15 of the Constitution on 31.05.1978*". After the election ,the winners in a meeting headed by the Election Sub-Committee members selects/ elects the office bearer such as Vice-President, |General Secretary etc. and then forms different sub-committees according to the sections of the council for organizing various curricular and co-curricular activities. These curricular and co-curricular activities are: College Fresher's Welcome for newly admitted students, Common Room activities, games and sports activities, cultural programmes, student welfare and so on. The Students' Union also has representation in various academic and administrative bodies where permissible, to facilitate smooth functioning of the College. The fund of the Students' Union Council is raised from the admission process in the name of Students' Union Fund. The Principal/Officer-in- Charge of the College by virtue of his position is the President of the Students' Union Council.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The College has various academic and administrative bodies with student representation to facilitate the administrative and academic activities. These are:

- Governing Body
- IQAC
- Annual Day Celebration Sub-committee
- Women's Cell

In forming Committee for Observance of 125th Year Celebration of the College from 15th June,2012 To 14th June 2013 there were total 16 sub-committees with student representation for making the grand success of the whole programme. This way is followed as and when necessary.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution?

The Institution has a strong network and collaboration with the Alumni and former faculty of the Institution. All these are made effectful by the institution in the following ways:

- The College includes Alumni in the bodies where their representation is necessary
- The institution invites the capable alumni and the former teachers as Guest and Visiting faculties.
- The organization makes effective communication with the Alumni and the former faculties when their representation is very much urgent for the significant performance of the College in the concerned issues such as 125th Year Celebration etc.
- The College invites them in the Annual Day Celebration, Sports and other Cultural programmes. .
- Close-association and strong participation in the year-long celebration of 125 years of the College
- Representation from the Alumni and Former Faculty in the Advisory Committee of 125 years Celebration.
- The College exhibits heartiest greet and honour to the Alumni and faculty members of note by giving awards to them in the Annual Day Celebration for their life and works, besides all of the above(Table 5.12).

Table 5.12 Details Regarding Awards, that is, Acharya Brojendra Nath Seal Smarak Samman, Given to Alumni and Former Faculty Members Since The Inception of The Annual Day Celebration in the Year 2009.

Years (1)	Name, Designation, Description (2)
2009	Shri Shirshendu Mukhopadhyay, Famous Bengali Literatuer
2010	Shri Sukha Bilas Burma, IAS, Ex-Joint Secretary To the MIF, Govt. of West Bengal, MP, Researcher upon Folk life of North Bengal, Singer and Social Worker to some extent
2012	Shri Smriti Kumar Sarkar , Former Faculty, Dept. of History, Presently Vice-chancellor Burdwan University
2015	Shri Madhushudan Moitra, Former faculty(Dept. of Philosophy) and Officer-in-charge, Thinker and author of philosophy and philosophical articles

For visual understanding of these, entire Photographic panel -5.1 may be seen in Annexure-V.

Any other relevant information regarding Student Support and Progression which the College would like to include.

The College authority always edit its' past activities regarding students support and progression and tries to develop the more efficient policy basket, removing the lags of the past, for student support and their progression through the maximum possible implementation of that. More specifically the College authority tries to expand its all wings of learning and related infrastructures along with required others.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

6.1.1. State the vision and mission of the institution and enumerate on how the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, visions for the future etc.?

The following are the vision and missions of the institution:

Vision:

- To create socially responsible citizens with academic excellence by blending traditional values of education with modernity.

Mission:

- To maintain its' glory intact, as the centre of learning in the North Eastern Region of the country, the College is trying to adapt to the changing time by amalgamating the value-based traditional ambition with modernity.
- To manifest oneness among the students of diverse socio-cultural and economic background by inculcating inquisitiveness with an analytical mindset.
- To create eminent contributors to the society by overcoming the dilapidating forces viz. regionalism, fundamentalism and racism and thereby setting up a world of universal brotherhood with harmony.
- To generate holistic excellence among students for competing in the global employment market.

The vision and mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, visions for the future etc. in the following line of ways:

- The needs and aims of the Indian society from its long past, is to build the society in such a manner that the qualities inherent in the concepts, equity and justice will cherish and flourish. The saints in the ancient period of the Indian society have expressed such a set up or

state of mind in a word- “*Sarvam Khalvidam Brahma*”, that is, *The Absolute Being is Everywhere*. The attempt for attainment of this goal by making the man along the needed line of teaching is observed in the *vision and the last three missions* of the College. Thus the vision and missions attribute a distinctive character to this organization in terms of addressing the needs and aims of the society.

- In conformity with the above goal, the institution is willing to serve the students in such a manner that they will be the torch bearer for settling the stated needs of the society, being a complete man in all terms. For making the students complete man in order to satisfy the stated needs of the society, they will be taught the lessons in such a manner that there will be the combination of modernity with tradition. The vision and missions ‘*one*’ and ‘*four*’ of the College categorically expose this line of thought and action. In this way, the vision and missions give a distinctive character to the institution in terms of the means through which it seeks to serve the students.

- The institution was established in the year 1888, with the aim of imparting the modern European education for designing the lifestyle of man of this region and beyond, by the concept of rationality but not discarding the goods of the traditional ways of life. The dream of the founder of this College, *His Highness Maharaja Nripendra Narayan Bhup Bahadur*, is to make his subjects and others of neighboring areas, European in manner but very much Indian at heart, which is the invocation of the then time. That is why His Highness established this College .All this reflects the tradition and value orientation of the College. Specifically these tradition and value orientation are to build sincere, energetic, laborious, honest, philanthropic and dynamic personalities with significant bent of mind towards the nation. The mission ‘*three*’ exhibits this. Thus this mission provides a distinguished characteristic of the institute in terms tradition and value orientation.

- The present day need of the Indian nation /society is to build itself at par, the developed global world. For this our human resources in future course of time shall have to be regenerated in such a manner that they can compete successfully with those of the stated world, in every term. That means our educational institute and other human resource regenerating organizations shall have to construct worldwide best teachers , best researchers, best scientists, best physicians, best technicians and so on in future. These are also the vision/mission of the College .The mission ‘*four*’ amply reflects this goal of the College for the

future. Thus this mission gives another specific feature towards the College in terms of its vision for the future.

- The life at present is very fast growing. In such a situation it is very much difficult to make a balanced blending of modernity with tradition which is significantly needed for the integrated development of the Indian nation/society. To execute the process ensuring the balanced blending of modernity with tradition is also the inherent aim of this institution. The connotations of all the vision and missions very nicely reflect this to him, who goes carefully through the vision and missions of the College. Thus all the vision and missions attribute the most important distinctive character to this institution. This is its capability of making balanced blending of modernity with tradition.

The institution creates socially responsible persons with academic excellence by blending traditional values of education with modernity through the following ways and means:

- To include and arrange traditional value-based programmes in the cultural activities of the College throughout the year.
- To discuss traditional value based issues in different courses of seminar, symposium, etc. arranged throughout the year in the College.
- To design the course of lectures on this modern education by the faculties, pointing out the traditional values as inherent in this modernity.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The top management, Principal and faculty play an important role in designing and implementing the policies and plans of the College to provide qualitative education keeping in view the vision and missions of the institution. .

6.1.3 What is the involvement of the leadership in ensuring?

❖ The policy statements and action plans for fulfillment of the stated mission?

The leadership of the College that is the Head of the institution and the departmental heads has close involvement with the College concerned that is teachers, office staff, students etc. in ensuring the policy statements and action plans for the fulfillment of the stated mission. The processes of this involvement are as follows:

- To arrange meetings with the Head of the Departments, Teachers' Council and Governing Body as and when necessary.
- To arrange intra-departmental meetings as and when necessary and report the outcomes to the Head of the Institution for necessary actions.
- To arrange the meetings of the different sub-committees under the Teachers' Council according to the need.
- To arrange meetings with the non-teaching staff as required.
- To arrange meetings with the Students' Union Council.
- To make participation in the cultural and other activities organized by the students throughout the year.
- To do the similar thing in the programmes organized by the departments, various sub-committees etc.
- To arrange meetings with Alumni Association.
- To participate in the programmes (if any) organized by the Alumna Association.
- To arrange meetings with parent/guardians and other stake holders as and when necessary.
- To invite and motivate for participating the College concerned, from the management to the beneficiaries, in various academic and cultural programmes.

❖ *Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan?*

Policy statements and action plans:

The policies and related action plans for ensuring the stated mission of the College are as follows:

Policy statement:

- To impart qualitatively highest form of education, cultural and other related capabilities to the students as per the present day needs, for the overtime balanced and integrated development of the Indian nation and society, for the successful performance in the era of global competition.

Action Plans:

- To prepare suitable academic calendar.

- To prepare suitable routine.
- To arrange for sufficient supportive reading materials.
- To make arrangement for time to time faculty improvement.
- To maintain the existing infrastructural condition and make its vertical and horizontal extension for facilitating the future course of development in academic and allied fields of the College.
- To organize the various cultural and co-curricular activities.
- To organize scholastic and research oriented lectures, seminars, likely others from time to time.
- To organize various types of extension activities.

These policy statements and action plans are solely prepared by IQAC and executed by the administration through the related sub-committees and allied bodies as far as possible for transforming the present learner to the responsible citizen as would be required by the future in conformity with the vision and mission.

❖ *Interaction with stakeholders:*

The following are the interactive processes with the stake holders that is the students, the parents/guardians, and people of the locality

- To arrange regular departmental meeting with the students for coming across their problems and finding solutions for them.
- To arrange centrally the similar meetings by the administration, for the same purpose.
- To arrange regular meetings with the Students' Union Council with a view to discussing the similar agenda and finding out the solutions.
- To communicate with the parents/guardians by arranging meetings centrally and departmentally in regular course for discussing the micro and macro issues and problems relating to academic and cultural lives of their wards as far as detected and extending the suitable suggestions for implementation with a view to their improvement.
- To follow regular communication with alumni through giving the information about the College activities and inviting them in important academic and cultural events.
- To involve the local people inclusive of the same in local administration and local Mass communication agencies in the College by inviting them in important academic and cultural activities.

- To extend various types of extension activities. .

All these interactive processes are implemented through the faculties of various departments and related sub-committees of the Teachers' Council (Schedule No.6.1 in Annexure VI) along with library (Manan) and various wings of the College like NSS, NCC etc.



Photograph No. 6.1: Teachers' Council Meeting

❖ *Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders?*

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders is extended in the following, manners by the leadership of the College:

- To identify the lagged areas/sections/departments of the College in terms of the implementation of the policy and planning activities in the need based manner along with the IQAC at the start of each academic session.
- To urge for the requisitions of necessary infrastructure and human resources by the leadership from the Heads of the lagged areas /sections/departments
- To form in this manner the general requisition for the College as a whole with the help of the Office of the College Authority.
- To arrange joint meeting with all the Heads of the departments, Teachers Council Secretary and Director, IQAC, Conveners College Development and Planning sub-Committee, College care Taking Sub- Committee for critical analysis upon it.

- To prepare final form of the requisition with additions and alterations following the said meeting with the help of the College Development and Planning sub- committee.
- To start the fund management process then with the expectation of giving proper support in this regard after the receipt of this fund from the relevant authority.
- To follow more or less similar manner by the leadership along with the Seminar and Research sub- committee for extending proper support towards the Planning and Policy related to research inputs.
- To arrange frequent meets by the leadership with the Stakeholders of various kinds especially students through the organizational endeavor on the part of the ABN Seal Students Union Council for collecting their views about the proper support regarding the implementation of policy and planning and thereby take necessary added actions .

❖ *Reinforcing the culture of excellence*

For reinforcing the culture of excellence, the leadership of the institute applies the following measures:

- To collect the information upon ongoing nature of academic, extra academic culture and extracurricular activities of various departments, faculties and other concerned through formal and informal methods.
- To identify the areas where the necessity for reinforcing the culture of excellence is needed.
- To communicate with the Teachers' Council Secretary for arranging general Teachers' council meeting upon these agenda.
- To encourage the employees concerned to these said areas for implementing the suggestions and policies with a view to reinforcing the culture of excellence

❖ *Champion organizational change*

To form larger number of sub-committees under Teachers' Council (please see, Schedule No.6.1 in Annexure VI) relative to past years for managing different aspects of the College in an efficient manner through the implementation of the practice of decentralization with a view to conducting the College affairs smoothly and achieving time to time balanced, integrated and inclusive development of the College.

6.1.4. What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The following are the procedures adopted in this regard:

- IQAC, College Development and Planning sub-committee, College Care-taking sub-committee and others related, inclusive of faculties of the departments, monitor and evaluate policies and plans of the institution in isolated manner.
- Teachers' Council finally analyses the findings of the individual sub-committees in this regard and frames the suggestions for effective implementation and improvement from time to time by the College authority.

6.1.5. Give details of the academic leadership provided to the faculty by the top management?

The following are the details of the academic leadership provided to the faculty by the top management:

- To give assistance in framing academic calendar and holiday list.
- To provide guideline for the preparation of Routine enabling the faculties for the best possible utilization of teaching days.
- To motivate the faculties for preparing students (especially the major students of third year) to go through the process of reviewing articles, books, process of writing notes, references, bibliography, scientific articles, term papers etc.
- To motivate them for involving the students to conduct small scale survey.
- To inspire the faculties for arranging students' seminar predominantly based upon the papers prepared through tiny research works conducted by them.
- To encourage the faculties for participating in Orientation and Refresher Courses in due time.
- To encourage the non Ph.D. faculties for setting out the journey relating to Ph.D. works.
- To generate interest among the faculties for launching minor and major research projects funded by different National and International research organizations.

- To give heartiest inspiration to the faculties for writing research articles in College journals and other national and international journals.
- To give heartiest inspiration to the faculties to publish edited volumes and self authored books.
- To inspire them to participate in the seminars, workshops etc. as communicated in the College.
- To guide them for arranging scholastic lectures by inviting well known resource persons within the due course of time every year, if possible.
- To inspire them to arrange state, national and international level seminars with the partial financial assistances extended by DST (W.B.), UGC, ICSSR, ICHR, ICPR, ICAR etc. and publish the seminar proceedings in book form, with ISBN.
- To inspire them to prepare the students for participating in creative writings if possible and for publishing those in departmental small magazines and other avenues.

6.1.6. How does the College groom leadership at various levels?

The College does groom leadership at various levels: Departmental and faculty levels, office/non-teaching level and student level in the following ways:

- To maintain continuous communication with the departments sometimes through attending departmental meetings, visits and through departmental heads and arranging central meeting with all departmental heads where the College /College authority that is Principal/ Officer-in Charge gives inspiration and necessary suggestions for the smooth conduct of the departmental regular and allied activities primarily to the heads of all departments and thereafter to the interested faculties assumed to be equipped with leadership qualities ;
- To attribute respectively the convenership and co-convenership of different sub-committees under the purview of Teachers' Council and the charge of different wings of College such as NSS, NCC etc.
- To incorporate the students in consultation with the office bearers of Students' Union Council, in various cultural and co-curricular activities and attribute the joint responsibility for performing those smoothly, for flourishing them as leaders in future through nourishing their leadership quality, inherent in mind at present in the stated way.

- To give scope for leadership development among some teachers, non-teaching staff and students by nominating competent faculties through the meeting of Teachers Council, Non-teaching assistant through the meeting with the non-teaching staff and students through the meeting with Students' Union Council, as representatives in the Governing Body.

All these are activated in some times with the assistance of Teachers' Council Secretary, senior faculty members, senior office staff and important office bearers of Students' Union Council. Thus the College authority prepares a general periphery for the development of leadership qualities in all levels at a time.

6.1.7. How does the College delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The College does delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system in the following line:

To inspire all the departments, all the sub-committees under Teachers Council, Office and all the wings of the College inclusive of Students' Union Council to formulate independently, the decisions regarding the academic and allied affairs (such as preparation of routine, syllabus distribution, etc.) concerned to them. However it is mentionable here that suggestions if urged are given to some extent by the College authority not encrossing the boundary of their autonomy.

6.1.8. Does the College promote a culture of participative management? If 'yes', indicate the levels of participative management.

The College promotes a culture of participative management to some extent where this is permissible as per the norm and existing conventions. The institution in this respect includes University nominee in its Governing Body, Alumni in IQAC, Advisors in Women's Cell, and the same in the editorial boards of the College journals. As this is a government College, this culture has not been promoted yet in wider sense of the term.

6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.2.1. Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

The institution has formally stated quality policy. For the details of this section 6.1.3 may be consulted.

This policy is developed, driven, deployed and reviewed in the following lines:

- This policy is developed considering the vision and mission of the College, exchanging the views with the faculties, renowned academicians and other stakeholders inclusive of Alumni, parents /guardians etc. Over time.
- This policy is driven through the formulation of action plan.
- The same is deployed through the execution of the action plan by different organs/components of the College.
- The policy is reviewed by IQAC through the assessment of the outcome of the action plans implemented so far every year.

6.2.2. Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The institute has a perspective plan for development and this plan consider the following aspects of development of the College:

- To start new Undergraduate courses of study such as Statistics, Sociology, Home Science, Geology, Music, Military Science, Physical Education and so on.
- To open PG courses on the existing UG courses under study.
- To open M. Phil. And Ph. D Courses on the existing PG courses under study.
- To Open M. Phil and Ph. D Courses on all the PG course to be materialised in future.
- To establish full fledged research centres upon Science and Arts.
- To enhance the existing infrastructure vertically and horizontally with the maximum possible utilisation of existing fallow land of the College as the foresaid future course of developmental activities will require.

6.2.3. Describe the internal organizational structure and decision making processes.

The internal organisational structure of the College is as follows:

The top most position in the administration of the College is occupied by the Principal/Officer-in-Charge. The successive position is occupied by the Heads of the Departments. The side attracting position is occupied by the office headed by the Head Assistant, Teachers' Council headed by the President who is the Officer-in- Charge by virtue

of his post and activated by the Teachers' Council Secretary and the Students Union Council. These may be understood by the following diagrammatic exposition through Figure 6.1

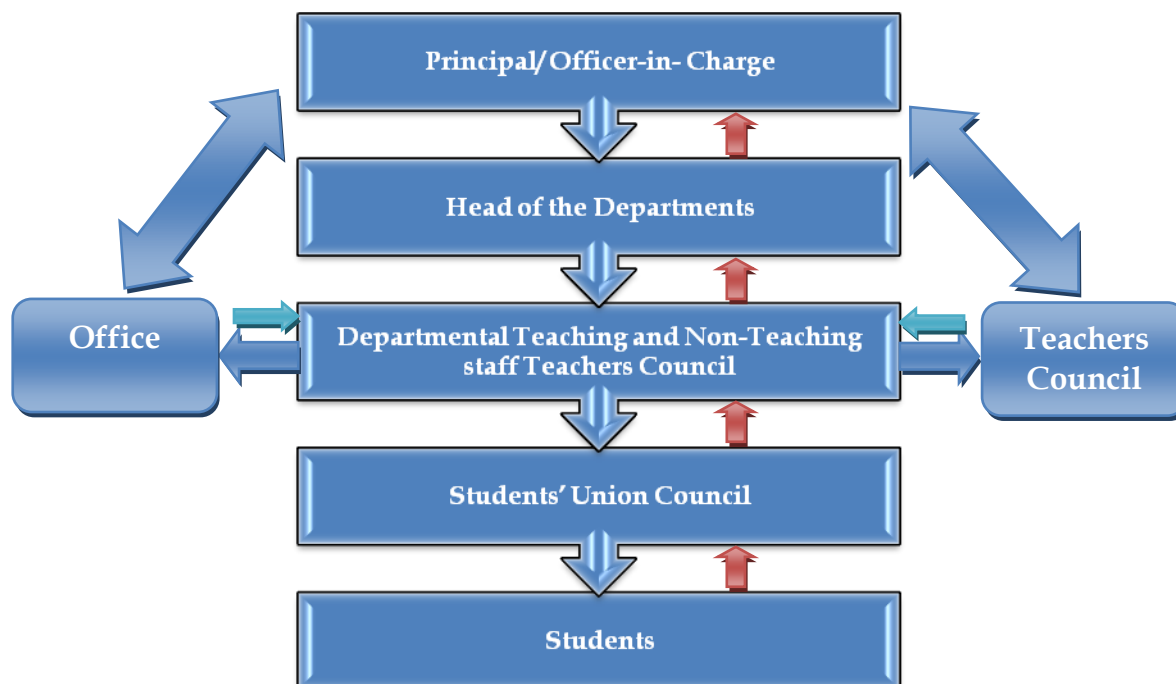


Figure 6.1: Diagrammatic exposition of internal organizational structure of the College

The decision making processes where it is done interdependently are as follows:

- To organise Teachers' Council meeting.
- To organise meeting with Head of the Departments.
- To organise joint meeting with teachers and office representatives.
- To organise joint meeting with office bearers of Students' Union Council.
- To organise joint meeting with teachers, office representatives and representatives of the Students' Union Council.
- To organise joint meeting with different sub committees and wings of the College if is required by the committee concerned.

6.2.4. Give a broad description of the quality improvement strategies of the institution for each of the following

Teaching and Learning:

For the Quality improvement in the teaching learning sphere the institution operates the following strategies:

- At the beginning of every academic session the routine sub-committee prepares a master routine for all departments of the College and ensures to schedule both Honours and General subject classes as per the norms stipulated by the University Grants Commission. Individual departments then prepare departmental routines following the master routine and then submit it to the routine sub-committee for approval by the Officer-in-Charge. The departments strictly follow the approved routine schedule.
- Each Head of the Department in his/ her turn interact with the other teachers of the department to plan the modules, laboratory classes, syllabus distribution, organizing Selection Test and occasional Class Tests. Academic performance in the various tests and University Examinations is analyzed in the departmental meetings. The weak points of students are identified and remedial measures are suggested.
- Each department keeps a record of the syllabus covered and a general Teachers' Council meeting which is presided over by the Officer-in-Charge and attended by all teachers is held to discuss the results of the various tests. The students are allowed to see their evaluated scripts on a convenient date, ensuring transparency.
- Seminars and talks are organized throughout the year to enrich the curriculum.

Research and Development

For the quality improvement in this regard the strategies are:

- Research activities are encouraged in the institute both among the teachers and the students through various means such as by writing and publishing analytical articles, editing and authoring research oriented books, participating in seminars and workshops , organizing the same departmentally and centrally and launching the Minor and Major Research Projects along with arranging tiny surveys ,report writing by the students.
- Various types of Development activities such as infrastructure , socio- cultural, physical, intellectual etc .are executed through the communication with the respective Government departments for fund management and utilization, organizing various cultural and Co- Curricular activities, facilitating the students to utilize the Sports , Games and Gym Apparatus, extending time to time inspirations for removing their monotony out of the continuous teaching-learning process and involving them in the field of social activities through NSS and other means.

Community engagement:

The Quality Improvement Process here is:

Community engagement of the College is made through organizing various types of academic & socio-cultural programmes such as Seminars, Workshops etc. and Annual Day Celebration, Annual College Fest, Annual College Games and Sports Meet etc. and inviting therein the neighboring Colleges, neighboring schools, Officials of Local Administration, important Alumni, notables from amongst local inhabitants through the joint meet with them by the teacher, office staff and students.

Human Resource Management

The strategy for improvement of the Human Resource Management aspect is:

The teaching and non-teaching employees available through the Government policy of Employment and Posting in the College are assigned to perform beyond their regular duties various academic and non-academic activities relating to the smooth functioning and development of the College in such a manner that the maximum possible outcome will accrue in the related fields of activities. The allocative aspects of these human resources are mainly determined by the Teachers' Council through the formation of different sub-committees in need based manner at the start of every academic session. The human resources for arranging various scholastic lectures, seminars, symposiums etc. are assembled from various renowned institutes. The College derives the best possible outcome from them through giving proper placement and involvement to them in the programmes they are invited to attend.

Industry Interaction

The strategy for improvement of the quality in respect of industry interaction is as follows:

The Teacher, students and related others are always encouraged and allowed to visit the local industries such as Tea processing units , Agro –based commodity processing units, Horticulture commodity based processing units, Flori –culture commodity based processing units ,even the premier farmers of the locality and etc. And then they are inspired to write reports inclusive of innovative ideas if practicable, upon the interactive process developed so far in the course of their visit. Besides, the College is willing to involve some notable industrialist in its field of activities, the process of which is expected to start soon.

6.2.5 How does the Head of the institution ensure that adequate information (from

feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Head of the Institution ensures the adequate information (from feedback and personal contacts etc.) for the top management and the stakeholders, to review the activities of the institution through the collection of feedback reports from the following sources:

- Formal feedback from 3rd year students of each department.
- Reports from various committees and sub-committees.
- Feedback from Heads of the departments, units and wings.
- Feedback from the departments on Parent Teacher meeting.
- Minutes of Teachers' Council meetings.
- Meeting of the alumni periodically for their feedback on institutional activities.
- Feedback from mass communication agencies.
- Oral communication with notable personalities in the locality.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management / College authority encourages and supports at the same time the involvement of the staff in improving the effectiveness and efficiency of the institutional processes through the described line of actions.

The College authority takes all possible care for ensuring the involvement of all the members of staff in the institutional process in the proper manner. The Governing Body of the institution has representatives from both teaching and non-teaching staff which ensures their active participation. The Internal Quality Assurance Cell and Women's Cell have representation of the respective non-teaching staff on them. This guarantees prompt and efficient performance of the official activities. The Teachers' Council and its sub-committees incorporate all the teachers and sometimes non-teaching staff to some extent. This process has also positive impact upon the improvement of effectiveness and efficiency of the institutional process. Meetings of all these bodies are held at regular intervals and the institutional process are reviewed so that their efficiency is enhanced. The effort of the non-teaching staff in executing the official works is quite appreciable. Besides all these the management of the College also involves all the staff in organizing and arranging the

occasional academic and extracurricular activities such as Annual Day Celebration etc. in a very much rational way for attaining the best possible level of improvement in the context of effectiveness and efficiency of the institutional processes.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The Management Council in a Government College principally means the Teachers' Council. Teachers' Council looks after mostly all the issues of the College even the execution of the policies and resolutions of Governing Body and the Higher Education Department. On account of this the major resolutions of Teachers' Council and their status of implementation for the last year are being furnished herein-

- Formation of different sub committees (please see Schedule 6.1 in Annexure VI) and confirmation.
- Formation of admission guideline for UG,-first year (both Honours. And General) and its confirmation.
- Formation of guidelines for celebrating Annual Day and confirmation of those.
- Discussion and Consideration of Results in the Test Examination.
- Proposal for opening of new subjects under UG Honors course of studies such as Physiology & Statistics of which Physiology has already opened.
- Policy formulations in respect of some minor issues as and when necessary.

The resolutions so far taken in the last year are implemented mostly. This is self explanatory.

6.2.8 Does the affiliating University make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

The affiliating University makes a provision for according the status of autonomy to an affiliated institution. But being a Government College under the aegis of the Higher Education Directorate and Department of the Government of West Bengal, A. B. N. Seal College cannot apply for autonomy as per government policy.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of

grievances for promoting better stakeholder relationship?

The College has a Grievance Redressal Cell where all concerned can record their grievances. The students can also provide their feedback about the College in the evaluation forms given to them by the IQAC. The faculty members keep a very cordial relationship with the parents of the students and Parent –Teacher meetings are conducted in each department every year. Feedback from the parents is recorded and sincere effort is made to address the issues to help the quality control of the institution. The guardians may also meet the Officer-in-Charge for redressal of their grievances. Members of the teaching faculty may directly approach the Officer-in-Charge. Or seek the Teachers’ Council Secretary’s help as and when necessary in this respect. Through all these means grievances/complaints are resolved promptly and effectively for promoting better relationship with stakeholders.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If ‘yes’, what was the outcome and response of the institution to such an effort?

Final year undergraduate students are given feedback forms by the IQAC in which they evaluate the infrastructural facilities of the College and also the teaching –learning process of the respective departments along with other academic activities. Anonymity is maintained in this case. The filled up forms are analyzed by the IQAC and also the Officer-in-Charge. After analyzing, this is found that the sofar performance of the College in all respects is encouraging according to the opinion of the students. They also add here that both teaching and non-teaching manpower of the College needs to be increased without any delay for the more encouraging performance of the College.

The College has already achieved notably in this regard as there have been some posting of teaching staff in this College from the merit panel formulated by Public Service Commission during last two years . Now the College waits for having some non-teaching

employees from the forth coming merit panel formulated by West Bengal Staff Selection Commission.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

The institution takes following actions for enhancing the professional development of its teaching staff.

Researches being one of the top priorities of the institution, the faculties are always encouraged to engage themselves in a process of continuous research activities by launching Minor research projects, Major research projects, participating in national and international seminars and workshops, organizing the same and etc. Further the faculty members are also encouraged and allowed regularly to participate in Orientation programme and Refresher course for their enrichment. Again they are inspired to develop their writing skill in the field of writing analytical articles, books etc.

The non-teaching members of the College are sent to attend the workshops organized time to time by the affiliating University for the improvement of their professional skill with the changing pattern of courses of activities.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

To motivate the employees for their roles and responsibility they perform, is considered by the Institute as an important strategy for the empowerment of the faculty. Categorically speaking this College empowers its faculty by assigning them to perform various academic and allied activities through involving in various sub committees constituted for the conduct of those. Besides they are inspired to be the member of Board of Studies of the affiliating University, take Examinership, Head Examinership and likely others also. Thus only through these means the institute empowers its faculty as there is no provision to arrange training and retraining in this regard.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered

for better appraisal.

The institution maintains Daily Self Appraisal system in which each faculty keeps a record of attendance, classes allotted and taken by him/her and other academic and administrative activities inside and outside College. These self appraisal reports of each teacher are submitted to the Officer-in-Charge every month by each department. The Officer-in-Charge along with Teachers' Council Secretary and Heads of the departments jointly analyze the self appraisal reports and then takes necessary steps for way outing the process of better appraisal in this regard.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The outcome of the review of the performance appraisal reports by the management as defined in the section 6.3.3 is heightening the effort to contribute better services subject to the existing limitations on the part of the faculties towards the stakeholders of all kinds and other related affairs of the College. The major decisions taken in this respect are:

- To make aware the faculties for optimizing their level of performance in the teaching –learning process through following properly ,the academic calendar ,departmental and master routine plans and likely other ways and means, as suggested by the management/authority.
- To make aware the faculties for optimizing their level of performance in the extra-academic activities viz. in organizing student friendly lectures, organizing seminars, workshops etc. within the department and College, launching of research projects, participating in the seminars, workshops organized by the local and beyond local institutes and so on.
- To encourage them for heightening their level of participation as far as possible in the extracurricular activities organized in the College throughout the year, as for example Annual Day Celebration, Annual Games and sports, Annual Fest by the Students' Union Council etc.

These decisions are communicated to the appropriate stakeholders in the following ways:

- By arranging joint meeting of the Head of the Institution with the Heads of the

Departments, Teachers' Council Secretary and coordinator/ Director IQAC and instructing them to communicate with the same for disseminating the outcome of the meeting at their own capacity.

- By arranging general meeting of Teachers' Council and discussing the above issues therein.
- By serving notices for all concerned.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

As part of the welfare schemes, all the permanent employees of the College are entitled the General Provident Fund, Group Insurance Schemes. They are also entitled to enjoy the benefit of West Bengal Health Scheme introduced in the year 2010, if willing. As per norms all the employees are under the shadow of the former two schemes. But except a few all the teaching and non-teaching employees are under the umbrella of WBHS and 5-10% of the employees who are ailing, exploited the benefit of WBHS.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The College is guided by the recruitment and retirement policy of the Government of West Bengal. Therefore it cannot follow/implement any measures/incentives of its own for attracting and retaining the in- service eminent faculty. There is no question of retaining or reemploying eminent retired faculty also. However the post graduate departments can invite senior retired academicians to act as guest teachers and deliver special lectures , the under graduate departments at the same time can get the service of the retired faculties as Part-time teachers, subject to the approval of the Higher authority.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILISATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The Institute collecting the departmental requisition in compliance with the financial resources originated through the development grants –in –aid extended on the part of State Government and UGC , convenes the extended meeting of Purchase Advisory Committee inclusive of the representation of Director of IQAC, Convener of College Development and

Planning Sub Committee etc. for rational allocation of the financial resources .And then follows the path of inviting tender quotations etc.for the effective and efficient use of the financial resources .The monitoring activity upon all these things is carefully carried out by the Internal Audit and Accounts Assessment Sub –Committee as and when necessary.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The College makes every attempt to ensure internal and external auditing of the funds received by the College from various governmental and non-governmental agencies. Internal audit is performed by the Registered Chartered Accountant Firm with the assistance of Internal Audit and Accounts Assessment Sub- Committee. And then the Utilization Certificate is prepared for sending to the funding agencies.

The External Audit is carried out time to time in 5 years interval. This task is performed through the auditors assigned by the Office of the Accountant General, West Bengal communicating with Directorate and Department of Higher Education, West Bengal.

The last audit was done in the year 2012. The major audit objections are appended below in Schedule No-6.2.

Schedule No.-6.2-Major Audit Objections in the year 2012

Sl. No. Periods Audit Objections

1. (Para-4) 1987-1995 Defalcation of Government Money- Rs 7.08 lakhs.
2. (Para-6) 2000-2007 Overpayment of GPF final balance amounting to Rs. 7495 to Sri. M.B. Sarkar, ex- Peon, awaiting realization
3. (Para-10) 2000-2007 Non-functioning /damaged articles worth Rs. 6.87 lakh lying in stock awaiting Disposal.
4. (Para-4) 2007-2012 Irregular payment of scholarship –Rs. 91900.00.
5. (Para-5) 2007-2012 Diesel generator worth Rs. 4.22 lakhs lying unutilized since procurement.
6. (Para-6) 2007-2012 Inadmissible payment of water and dusting charges amounting to Rs. 11468.00.
7. (Para-7) 2007-2012 Non-deduction of STDs resulted in loss of Govt. revenue.

8. (Para-8) 2007-2012 Library Books irregularities therein.
9. (Para- TAN-1) 2007-2012 Irregularities in maintenance of Bank Book.

The details of Compliance are furnished here according to the serial Nos.

Compliance relating to Serial No 1 (Para- 4): A criminal case was initiated against the then cashier Sri .Deb das Paul for defalcation of Govt. and Non- Govt. Funds. All records were seized by DEB of Police, Cooch Behar. The case has been sub-judice for a long time. In the present position the service of Sri. Deb das Paul then Cashier was terminated by the competent authority vide GO. No.2265-A Dt.15.10.1998. There is no further scope for recovery of the defalcated fund from the then cashier. In this regard, the matter is being requested to the Higher Authority to take necessary steps to write off the matter and the Para may be dropped.

Compliance relating to Serial No 2. (Para-6): The Principal, ABN Seal College, Cooch Behar has informed Sri. M. B. Sarkar, Ex-Peon for recovery of overdrawn fund amounting Rs.7495/- (Rupees Seven Thousand Four hundred and Ninety five only), to the Govt. by Treasury chalan or his monthly pension Vide this memo no:182/12 dt.02.03.2012. The matter was intimated to the Treasury Officer, Cooch Behar Vide this Office Memo no.183/12 dt. 03.03.2012 and requested him to recover the overdrawn fund from the monthly pension of Sri M. B. Sarkar, Ex-Peon of this College in minimum amount per month for adjustment of Govt. fund.

Compliance relating Serial No: 3 (Para-10): As per instruction of Higher Authority a committee has been formed by the teaching members of this College vide this office circular no.30/12 Dt.03.03.2012. The committee has been running the activities regarding the matter. Further developments will be informed accordingly.

Compliance relating Serial No:4 (Para-4) : The Principal , ABN Seal College, Cooch Behar has informed all mentioned students Vide this College Memo No:360(A)/12 Date: 13.06.2012 to return the overdrawn fund to Govt. by Treasury Challan at any early date.

Compliance relating Serial No:5 (Para 5): The purchase of generator of ABN Seal College, Cooch Behar from out of UGC fund CPE was intimated to the Higher Authority Vide this Office Memo No:402/(A)/12 Date.14.06.2012 and requested him for arrangement of additional fund for fuel charges to utilize the generator which is lying unutilized at present.

The improvement of the matter will be informed accordingly.

Compliance relating Serial No:6 (para-6): Recovery of inadmissible payment of water and dusting charges from the mentioned staff of this College is under process . It will be shown in the next audit.

Compliance relating Serial No:7 (para-7): The Principal, ABN Seal College, Cooch Behar intimated the contractor/suppliers Vide this office Memo no-394/A/12 Date.13.06.2012 to deposit the STDs money to the Govt. by Treasury Challan at an early date. The one copy of Deposited Challan is required from the contractor and suppliers to produce the next Audit. The improvement will be informed accordingly.

Compliance relating Serial No:8 (para-8): The Principal, ABN Seal College , Cooch Behar informed the mentioned non-teaching staff and ex-student Vide this Office Memo No.386/A/12 dt.08.06.2012 for recovery of books as early as possible according to audit query. The development will be informed accordingly.

Compliance relating Serial No:9 (para- TAN-1): All mentioned bank book of ABN Seal College, Cooch Behar were reconciled and removed the irregularities at present and it will be shown to next audit.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The following are the major source of institutional fund receipts/funding:

- Recurring grant under non-plan head and Non-Recurring Development grant under plan head of the Government of West Bengal.
- Various types of development grants of University Grants Commission (UGC).
- Fees contribution of students.
- Fund available for NSS activities from the University.

Besides these the Hostel Sections of the College receive the fund from the beneficiaries. But this is not considered here; as the amount is mostly spend for the purpose of food and lodging of them except a negligible amount, collected on the Heads: Seat Rent and Electricity charges. This collection is deposited to the government through Treasury

challan.

There is no question of managing deficits in the case of State Government and UGC funding. The College in these two cases is nothing but the beneficiary .It has only the capacity to prepare its demand/expenditure schedule as per the fund received from these two agencies/organizations except some urgent cases. Notwithstanding it is mentionable here that outstanding or over dues if originated due to the over purchases of the furniture, equipment etc. for meeting the enhanced demand for those occurred owing to the random unforeseen situations ,is usually met by the successive grants from the State Government. In a word relating to every aspect of receipts and payments as referred earlier, the College follows mostly the process of cutting its coat according to its cloth.

The College does not usually prepare the audited income and expenditure statement in respect of the state funding. It only submits the respective utilizations to the government. This is because of the fact that the Accountant General, Government of West Bengal performs every activities relating to the aspect of auditing receipts and payments in this regard with an interval of every five years. The institution prepares audited statement of receipts and payments regarding the other two sources of funding. However the Tables 6.1, 6.2, 6.3 and 6.4 are given here to show the brief view of the income and expenditure statement of academic and administrative activities out of the sources, namely, UGC Fund Grants and Fees contribution of students added with fund given for NSS activity along with the income and expenditure account of academic and administrative activities concerned to the State Govt. fund grants for the last four financial years in isolated and collective manner respectively for summing out the reserve fund/corpus available with Institution.

Table 6.1: Year Wise Brief View of Income Expenditure Account of academic and administrative activities concerned to the State Govt. fund grants and the related net amount of surplus /deficit surrendered there to for the last four financial years extending from the year 2011-12 to 2014-15

Part-1 : Year: 2011-12						
Broad Heads of Receipts /Incomes in the current year plus opening balance (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2202(General Education)*	44697000.00	Pay , allowances and others related	40478587.00	4218413.00	Surrendered	Nil
009-13&etc. (Office Expenses)**	25,44500.00	Electricity and other office expenses briefly	2353650.00	190850.00	Surrendered	Nil
2202-03-103-SP-004-V-50(Development Grant)	2700000.00	Purchase of equipment, chemicals, glassware, furniture and others	2691959.00	8041.00	Surrendered	Nil
2202-80-800-NP-024-V-31(01)General and other expenses	815000.00	Salary for mess employee	814292.00	708.00	Surrendered	Nil
Total	50756500.00	Total	46338488.00	4418012.00	Surrendered	Nil
Part-II : Year: 2012-13						
Broad Heads of Receipts /Incomes in the current year plus opening balance (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
2202(General Education)*	49258000.00	Pay , allowances and others related	42941835.00	6316165.00	Surrendered	Nil
009-13&etc.(Office Expenses)**	6532751.00	Electricity and other office expenses briefly	6029923.00	502828.00	Surrendered	Nil

2202-03-103-SP-004-V-50(Development Grant)	5316734.00	Purchase of equipment, chemicals, glassware, furniture and others	5316734.00	Nil	Nil	Nil
2202-80-800-NP-024-V-31(01)General and other expenses: fund for mess employee)	1061237.00	Salary for mess employee	971792.00	89445.00	Surrendered	Nil
2204-00-101-SP-023-V-50 (Sports Fund)	30000.00	Annual Games and sports	30000.00	Nil	Nil	Nil
Total	62198722.00	Total	55290284	6908438.00	Nil	Nil
Part-III : Year: 2013-14						
Broad Heads of Receipts /Incomes in the current year plus opening balance (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/Deficit if any	Types of utilization /management of Surplus/Deficit	Closing Balance of the current year /opening balance for the following year
2202(General Education)*	54554850.00	Pay , allowances and others related	54247371.00	307479.00	Surrendered	Nil
009-13&etc.(Office Expenses)**	3220000.00	Electricity and other office expenses briefly	3414739.00	-194739.00	Surrendered	Nil
2202-03-103-SP-004-V-50(Development Grant)	6656884.00	Purchase of equipment, chemicals, glassware, furniture and others	6656884.00	Nil	Nil	Nil
2202-80-800-NP-024-V-31(01)General and other expenses:Fund for mess employee)	666656.00	Salary for mess employee	1048116.00	-381460.00	Surrendered	Nil
2204-00-101-SP-023-V-50(Fund for Inter College State Sports and	100000.00	Inter College State Sports and Games	100000.00	Nil	Nil	Nil

Games championship)		championship				
2202-03-103-SP-012-V-50(Installation of Rain water harvesting system)	40000.00	Installation of Rain water harvesting system	40000.00	Nil	Nil	Nil
Total	65238390.00	Total	65507110.00	-268720.00	Surrendered	Nil
Part-IV : Year: 2014-15						
Broad Heads of Receipts /Incomes in the current year plus opening balance (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization / management of Surplus/Deficit	Closing Balance of the current year /opening balance for the following year
2202(General Education)*	57806292.00	Pay , allowances and others related	63278087.00	-5471795.00	Surrendered	Nil
009-13&etc.(Office Expenses)**	5949589.00	Electricity and other office expenses briefly	5638987.00	310602.00	Surrendered	Nil
2202-80-800-NP-024-V-02(General and other expenses: Fund for mess employee)	279000.00	Salary for mess employee	1123761.00	-844761.00	Surrendered	Nil
2202-03-103-NP-009-V-27(other charges i.e. Development grant)	3594389.00	other charges i.e. Development grant	3594389.00	Nil	Nil	Nil
2204-00-101-SP-023-V-50(Sports and games)	10000.00	Annual sports and games	9980.00	20.00	Surrendered	Nil
Total	67639270.00	Total	73645204.00	-6005934.00	Surrendered	Nil
Part-V Years: 2011-12 To 2014-15						
Year wise receipts /Incomes Over all Heads	Rupees (Rs.)	Year wise Payments /Expenditure Over all Heads	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the

				Deficit if any		following year
2011-12	50756500.00	2011-12	46338488.00	4418012.00	Surrendered	Nil
2012-13	62198722.00	2012-13	55290284.00	69088438.00	Surrendered	Nil
2013-14	65238390.00	2013-14	65507110.00	-268720.00	Surrendered	Nil
2014-15	67639270.00	2014-15	73645204.00	-6005934.00	Surrendered	Nil
Grand Total	245832882.00	Grand Total	240781086.00	5051796.00	Surrendered	Nil
<i>Reserve fund/corpus available with Institutions during 2011-12 To 2014-15</i>	---	----	----	5051796.00	Surrendered	Nil

Note: *It includes the receipts and expenses on –GP, DA, HRA, MA, others, bonus, wages, WBHS of all regular full time& part time employees.

**** It includes the receipts and expenses on –Electricity, Maintenance,/PLO or Office vehicle, Telephone, Office expenses, Rent and taxes, Maintenance -19, other Misc. expenses, Medical reimbursement etc.**

Table 6.2: Year Wise Brief View of Income Expenditure Account of Academic and Administrative activities concerned to the UGC fund grants and the related net amount of surplus /deficit for the last four financial years extending from the year 2011-12 to 2014-15

Part-I Years:2011-12						
Broad Heads of Receipts /Incomes in the current year plus opening balance * (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments** /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Opening balance As stood on 01.04.2011 in the Savings Bank account(1301246152) At Central Bank , COB Branch :	5842956.00	Various Heads viz. Projects, Books and Journals, Furniture and refund to UGC etc.	3458830.00	2213371.00	Deposited in Bank Account	2213371.00
i.)unspent amount of the Grant-in-aid previously received from UGC	5672201.00					
ii) Accumulated interest upto 01.04.2011	170755.00	Nil	Nil	170755.00	Deposited in Bank Account	170755.00
1.Grant-in- Aid received from UGC	5395681.00	Nil	Nil	5395681.00	Deposited in Bank Account	5395681.00
2. Interest Accrued in the current financial year	299309.00	Nil	Nil	299309.00	Deposited in Bank Account	299309.00
Total	11537946.00	Total	3458830.00	8079116.00	Deposited in Bank Account	8079116.00=Unspent balance of Grants-in- aid (7609052.00) +Interest accumulated (470064.00)

Part-I I Years:2012-13						
Broad Heads of Receipts /Incomes in the current year plus opening balance * (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments** /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
Opening balance As stood on 01.04.2012 in the Savings Bank account(1301246152) At Central Bank , COB Branch :	8079116..00	Various Heads viz. Projects, Books and Journals, Furniture etc.	7609052.00	Nil	--	Nil
i.)unspent amount of the Grant-in-aid previously received from UGC	7609052.00					
ii) Accumulated interest upto 01.04.2012	470064.00	Nil	Nil	470064.00	Deposited in Bank Account	470064.00
1.Grant-in- Aid received from UGC	5573900.00	Various Heads viz. Projects, Books and Journals, Furniture etc	758454.00	4815446.00	Deposited in Bank Account	4815446.00
2. Interest Accrued in the current financial year	275397.00	Nil	Nil	275397.00	Deposited in Bank Account	275397.00

Total	13928413.00	Total	8367506.00	5560907.00	Deposited in Bank Account	5560907.00=Unspent balance of Grants-in- aid (4815446.00)+ Interest accumulated (745461.00)
Part-III Years:2013-14						
Broad Heads of Receipts /Incomes in the current year plus opening balance * (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments** /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
Opening balance As stood on 01.04.2012 in the Savings Bank account(1301246152) At Central Bank , COB Branch :	5560907.00	Various Heads viz. Projects, Books and Journals, Furniture etc	2155898.00	2659548.00	Deposited in Bank Account	2659548.00
i.)unspent amount of the Grant-in-aid previously received from UGC	4815446.00					
ii) Accumulated interest upto 01.04.2012	745461.00	Nil	Nil	745461.00	Deposited in Bank Account	745461.00
1.Grant-in- Aid received from UGC	905020.00	Nil	Nil	905020.00	Deposited in Bank Account	905020.00
2. Interest Accrued in the current financial year	196937.00	Nil	Nil	196937.00	Deposited in Bank Account	196937.00

Total	6662864.00	Total	2155898.00	4506966.00	Deposited in Bank Account	4506966.00= Unspent balance of Grants-in- aid (3564568.00))+ Interest accumulated (942398.00)
Part-IV Years: 2014-15						
Broad Heads of Receipts /Incomes in the current year plus opening balance * (which is usually nil)	Rupees (Rs.)	Broad Heads of Payments** /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
Opening balance As stood on 01.04.2012 in the Savings Bank account(1301246152) At Central Bank , COB Branch :	4506966.00	Various Heads viz. Projects, Books and Journals, Furniture etc	3564568.00	Nil		Nil
i.)unspent amount of the Grant-in-aid previously received from UGC	3564568.00					
ii) Accumulated interest upto 01.04.2012	942398.00	Remittance	714382.00	228016.00	Deposited in Bank Account	228016.00
1.Grant-in- Aid received from UGC	3610857.00	Various Heads viz. Projects, Books and Journals, Furniture etc	478753.00	3132104.00	Deposited in Bank Account	3132104.00
2. Interest Accrued in the current financial year	212911.00	Nil	Nil	212911.00	Deposited in Bank Account	212911.00

Total	8330734.00	Total	4757703.00	3573031.00	Deposited in Bank Account	3573031.00= Unspent balance of Grants-in- aid (3132104.00)+ Interest accumulated (440927.00)
Part-V Years:2011-12To2014-15						
Year wise receipts /Incomes Over all Heads	Rupees (Rs.)	Year wise Payments /Expenditure Over all Heads	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
2011-12	11537946.00	2011-12	3458830.00	8079116.00	Deposited in Bank Account	8079116.00
2012-13	5849297.00	2012-13	8367506.00	-2518209.00	Managed out of closing balance of initial year	-2518209.00
2013-14	1101957.00	2013-14	2155898.00	-1053941.00	Managed out of closing balance of initial year	-1053941.00
2014-15	8330734.00	2014-15	4757703.00	-933935.00	Managed out of closing balance of initial year	-933935.00
Grand Total	22312968.00	Grand Total	18739937.00	3573031.00	Deposited in Bank Account	3573031.00= Unspent balance of Grants-in- aid (3132104.00)+ Interest accumulated (440927.00)
<i>Reserve fund/corpus available with the Institution during 2011-12 To 2014-15excluding the Unspent balance of Grants-in- aid, UG C from the closing balance of the period</i>	--	--	--	440927.00=(3573031.00-3132104.00)	Deposited in Bank Account	440927.00= (3573031.00-3132104.00)

Note: *Head-wise receipts of grants are not specified for briefing the tabular presentation; ** Head-wise payments are not specified for the similar reason

Table 6.3: Year Wise Brief View of Income Expenditure Account of academic and administrative activities concerned to the Fees contribution of students and Fund available for NSS activities from the University along with the related net amount of surplus /deficit for the last four financial years extending from the year 2011-12 to 2014-15

Part-1 : Year: 2011-12						
Broad Heads of Receipts /Incomes in the current year	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the individual items Deficit/ Deficit if any	Types of utilization /management of Surplus/Deficit	Closing Balance of the current year /opening balance for the following year
(1)	(2)	(3)	(4)	(5)	(7)	(8)
Opening balance	Nil	-----	Nil	Nil	Does not arise	Nil
Fees contribution concerned to Govt. Heads*	1532405.00	By Depositing through Treasury Challan in the Cooch Behar – Treasury 1to 0202-03-103-00-115,the Head for Govt. Collection	1532405.00	Nil	Does not arise	Nil
Fees contribution concerned to Non-Govt. Heads**	567750.00	By paying for meeting expenses on various Non-Govt. Heads***	491609.00	76141.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	76141.00
Fees contribution concerned to students ‘activities to be performed through Students’ Union Council	76800.00	By paying for meeting expenses on various students union activities, such as Freshers’ Welcome, Annual Fest etc.	76800.00	Nil	Does not arise	Nil
Fees contribution concerned to Final University Examination	123985.00	By paying for meeting expenses on various University Examination Related affairs :such as Honorarium for Invigilation duties , Service charge to Group –D Staff and contingencies, etc.	123985.00	Nil	Does not arise	Nil
Fund assistance for the NSS activities on the part of the University	22500.00	By paying for meeting expenses on various NSS activity related affairs	22500.00	Nil	Does not arise	Nil
Total Over All Heads	2323440.00	Total Over All Heads	2247299.00	76141.00	Retained as Cash in	76141.00

					Hand at the vault of the College for utilizing in the next year if required	
Part-II : Year: 2012-13						
Broad Heads of Receipts /Incomes in the current year	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the in any individual item Deficit/ Deficit if any	Types of utilization / management of Surplus/Deficit	Closing Balance of the current year /opening balance for the following year
Opening balance	76141.00	----	Nil	Nil	Nil	Nil
Fees contribution concerned to Govt. Heads*	1630565.00	By Depositing through Treasury Challan in the Cooch Behar – Treasury 1to 0202-03-103-00-115,the Head for Govt. Collection	1630565.00	Nil	Does not arise	Nil
Fees contribution concerned to Non-Govt. Heads**	619920.00	By paying for meeting expenses on various Non-Govt. Heads***	621261.00	-1341.00	Managed out of the opening balance	-1341.00
Fees contribution concerned to students ‘activities to be performed through Students’ Union Council	168400.00	By paying for meeting expenses on various students union activities, such as Freshers’ Welcome, Annual Fest etc.	168400.00	Nil	Does not arise	Nil
Fees contribution concerned to Final University Examination	102250.00	By paying for meeting expenses on various University Examination Related affairs :such as Honorarium for Invigilation duties , Service charge to Group –D Staff and contingencies, etc.	102250.00	Nil	Does not arise	Nil
Fund assistance for the NSS activities on the part of the University	22500.00	By paying for meeting expenses on various NSS activity related affairs	22500.00	Nil	Does not arise	Nil
Total Over All Heads	2619776.00	Total Over All Heads	2544976.00	74800.00	Managed out of the opening balance	74800.00
Part-III : Year: 2013-14						
Broad Heads of Receipts /Incomes in the current	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the	Types of utilization/manageme	Closing Balance of the

year				individual items Deficit/ Deficit if any	nt of Surplus/Deficit	current year /opening balance for the following year
Opening balance	74800.00	----	Nil	Nil	Nil	Nil
Fees contribution concerned to Govt. Heads*	1669695.00	By Depositing through Treasury Challan in the Cooch Behar – Treasury 1to 0202-03-103-00-115,the Head for Govt. Collection By paying for meeting expenses on various Non-Govt. Heads***	1669695.00	Nil	Does not arise	Nil
Fees contribution concerned to Non-Govt. Heads**	671310.00	By paying for meeting expenses on various Non-Govt. Heads***.	659022.00	12288.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required for utilizing in the next year if required	12288.00
Fees contribution concerned to students 'activities to be performed through Students' Union Council	170600.00	By paying for meeting expenses on various students union activities, such as Freshers' Welcome, Annual Fest etc, etc.	170600.00	Nil	Does not arise	Nil
Fees contribution concerned to Final University Examination	95450.00	By paying for meeting expenses on various University Examination Related affairs :such as Honorarium for Invigilation duties , Service charge to Group –D Staff and contingencies	95450.00	Nil	Does not arise	Nil
Fund assistance for the NSS activities on the part of the University	22500.00	By paying for meeting expenses on various NSS activity related affairs	22500.00	Nil	Does not arise	Nil
Total Over All Heads	2704355.00	Total Over All Heads	2617267.00	87088.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	87088.00

Part-IV : Year: 2014-15						
Broad Heads of Receipts /Incomes in the current year	Rupees (Rs.)	Broad Heads of Payments /Expenditure	Rupees (Rs.)	Net Surplus excluding the individual items Deficit/ Deficit if any	Types of utilization of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
Opening balance	87088.00	----	Nil	Nil	Nil	Nil
Fees contribution concerned to Govt. Heads*	1764760.00	By Depositing through Treasury Challan in the Cooch Behar – Treasury 1to 0202-03-103-00-115,the Head for Govt. Collection By paying for meeting expenses on various Non-Govt. Heads***	1764760.00	Nil	Does not arise	Nil
Fees contribution concerned to Non-Govt. Heads**	850835.00	By paying for meeting expenses on various Non-Govt. Heads***.	877322.00	-26487.00	Managed out of the opening balance	-26487.00
Fees contribution concerned to students 'activities to be performed through Students' Union Council	196400.00	By paying for meeting expenses on various students union activities, such as Freshers' Welcome, Annual Fest etc, etc.	196400.00	Nil	Does not arise	Nil
Fees contribution concerned to Final University Examination	144000.00	By paying for meeting expenses on various University Examination Related affairs :such as Honorarium for Invigilation duties , Service charge to Group –D Staff and contingencies	144000.00	Nil	Does not arise	Nil
Fund assistance for the NSS activities on the part of the University	22500.00	By paying for meeting expenses on various NSS activity related affairs	22500.00	Nil	Does not arise	Nil
Total Over All Heads	3065583.00	Total Over All Heads	3004982.00	60601.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	60601.00

Part-V Years:2011-12 To 2014-15						
Year wise receipts /Incomes Over all Heads exclusive of opening balances	Rupees (Rs.)	Year wise Payments /Expenditure Over all Heads out of the receipts/ incomes exclusive of opening balances	Rupees (Rs.)	Net Surplus excluding the individual items Deficit/ Deficit if any	Types of utilization/ management of Surplus/ Deficit	Closing Balance of the current year /opening balance for the following year
2011-12	2323440.00	2011-12	2247299.00	76141.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	76141.00
2012-13	2543635.00	2012-13	2544976.00	-1341.00	Managed out of the opening balance	-1341.00
2013-14	2629555.00	2013-14	2617267.00	12288.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	12288.00
2014-15	2978495.00	2014-15	3004982.00	-26487.00	Managed out of the opening balance	-26487.00
Grand total over all years	10475125.00	Grand Total over all years	10414524.00	60601.00	Retained as Cash in Hand at the vault of the College for utilizing in the next year if required	60601.00
<i>Reserve fund/corpus available with Institutions during 2011-12 To 2014-15</i>	---	----	----	---	---	60601.00

Note: *It includes Library fee, laboratory fees, Caution Deposit and tuition fees of the UG and PG students.

**** It includes Annual Day celebration fee, Student Welfare Charge, Session Charge, University Sports Fee, College Exam fee, Students' Health Home fee & Misc. College fees.**

***** It includes expenses on Annual Day celebration, Life Insurance for students, Aid to students, College Annual Games &Sports, Payment to Students' Health Home, share of the University in Games and Sports Fee collected and Misc. College fees.**

Table 6.4: Aggregate Amount of Reserve fund/Corpus Available with Institutions during 2011-12 to 2014-15 as depicted in the Tables: 6.1, 6.2 and 6.3

Table Nos.	Amount of Reserve fund/Corpus (in Rs.)
(1)	(2)
Table No 6.1	Nil
Table No 6.2	440927.00
Table No 6.3	60601.00
Total	501528.00

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution is a government College. Therefore it has restrictions on generating additional funds besides the conventional processes.

6.5. INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)

6.5.1. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed. In institutionalizing the quality assurance processes?

The Institution has established an Internal Quality Assurance Cell following the norms prescribed by the UGC. The institutional policy with regard to quality assurance in consonance with the policy statement –“to impart qualitatively highest form of education, cultural and other related capabilities to the students as the present day needs, for the overtime balanced and integrated development of the Indian nation and society for the successful performance in the era of global competition” is to give constant and careful look upon the level of performances of various departments and other wings regarding the regular teaching-learning and other institutional activities respectively through the critical observation on their feedbacks collected from time to time. IQAC contributes institutionalizing the quality assurance processes in the following ways:

- To analyze critically the feedbacks in its meetings arranged as per norm.
- To identify the weak points.
- To develop suggestions for removing the weak points.
- To communicate the suggestions to the College authority.
- To make recursion of this stated processes so far the reach of the expected goal.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

Within the limitations of the availability of financial grants, mostly all decisions of the IQAC have been approved by the authority and implemented.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The IQAC have external members on its committee. Their names, designation and significant contributions are given below:

1. Sri. Manabendra Sharmadhikary, M.Sc. in Botany Retired Principal under Manipur Public Service Commission (Alumni), contributes in the Department of Botany , ABN Seal College in the teaching-learning process as Guest and part time faculty.
2. Sri. Shyam Sundar Karmakar (Proprietor, Bardson Industry Pvt. Ltd.), works after various repairing service required in the College.
3. Mr. T.K. Pal, Executive Engineer – PWD (Electrical), Cooch Behar Division, provides constant service for repair , renovation, reinstallation and rewiring of the electrical lines and equipments
4. Mr. Biswajit Basu, Executive Engineer –PWDTC (Social Sector), Coochbehar Division, provides constant service for the repair, renovation of existing structures, water lines etc. and preparation of cost estimates for the construction of new ones.

d. How do students and alumni contribute to the effective functioning of the IQAC?

Students and Alumni contribute to the effective functioning of the IQAC through attending regularly in the meetings of IQAC and providing valuable suggestions therein.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC keeps regular contact with different constituents of the institution through formal meetings and informal interactions. The guiding principle is one of participatory management

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

The institutions have an integrated framework for Quality assurance of the academic and administrative activities and the details on its operationalisation may be understood from the adjoining paragraph.

The primordial academic body of the College consisting of the teachers – the Teachers' Council is always in touch with the administration and its Office. The teachers of various departments, on the other hand, are in direct touch with the students and among themselves. This forms an integrated framework for quality assurance of the academic and administrative activities.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The institution does not provide directly such training to the staff. But the discussion in the joint meetings of the IQAC with the staff and administration give awareness indirectly to them for the implementation of the quality assurance procedures. So far as outside training is concerned, two Office staff has been given training for electronic payment of salary of the employees through use of COSA (Computerization of Salary Accounts) software and e-Pradan system at Coochbehar Treasury I. Again staff are also given training by the University about the operation of admission process and allied.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

There has not yet developed any system to undertake academic audit or other external review of the academic provisions in the true sense of the term due to some institutional bottlenecks. If NAAC is considered as a process of academic audit then this has been accomplished in this College in the year 2008 for the first time. The College authority made attempt to implement the suggestions of the NAAC Peer Team for the improvement of the College in this regard. Action plans and related strategies were chalked out by the IQAC. The College administration took the follow up actions as far as possible for implementing the action plans through the strategies chalked out by the IQAC.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The IQAC, with the Principal/Officer-in-Charge as its chairman, is instrumental in the smooth conduct of the academic and administrative activities of the College in an integrated framework. The Teachers' Council oversees the issues relating teaching-learning process and students' discipline. Principal's office attends to office work relating to the teaching-learning process, UGC-sponsored Major and Minor. Research Projects of teachers as well as day-to-day routine work of the administration. The IQAC works as a bridge between the teachers, the office and the students to ensure coordinated effort. It has also started the practice of preparing a comprehensive budget for the entire College by combining academic and administrative requirements as well as instituting internal financial audit of the College.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The institution in the cases of PG courses follows the norms prescribed by the University in this regard. Therefore it is obvious that the institution has freedom to innovate and apply something only in the UG (both Honours and General) courses of study. The institutional mechanism for continuous review of the teaching-learning processes are the evaluations of the students of all years and streams in continuous manner with an interval of two months followed by a end-term comprehensive test. The details of its structure, methodologies of operations and outcome are given below:

Structures:

Structure of continuous evaluation with an interval of two months, UG (both Honours and General):

This evaluation is made through the arrangement of the examination of following pattern:

- Number of days allotted/required for the examination: 1.
- Number of Papers under the examination at a time: Number is as per the papers allotted for the study in each year.
- Time of examination in each paper: 1 hour.
- Full marks of examination in each paper: 25.
- Question pattern of examination:
 - Objective type: 5 out of 10, Marks allotted=1x5=5

- Short type: 1 out of 2, Marks allotted=5x1=5
- Essay type: 1 out of 2, Marks allotted=15x1=15
- Part of Syllabus upon which this evaluation depends: The part of syllabus completed during the interval of two months.
- No. of Evaluations: 02 at most considering the exclusion of vacations namely Puja and Winter vacations.

Structure of evaluation through end-term comprehensive test for UG (both Honours and General):

- Number of days allotted/required for the examination: 15 days at most.
- Number of Papers under the Examination: Number is as per the papers allotted for the study in each year.
- Time of examination in each paper: 4 hours (for Honours) & 3 hours(for General).
- Full marks of examination in each paper: 100.
- Question pattern of examination:
 - Objective type: 10 out of 10, Marks allotted =2x10=20
 - Short type: 4 out of 8, Marks allotted=10x4=40
 - Essay type: 2 out of 4, Marks Allotted=20x2=40
- Part of Syllabus upon which this evaluation depends: The entire syllabus.
- It is mentionable here that this Examination is completely designed in accordance with the pattern of Final University Examination because this is as good as the stage rehearsal of the Final University Examination. Again it is to be noted that due to the compact academic business for completion of the syllabus, arrangements of other supplementary measures, viz., viva voce, Group discussion, etc. relating to continuous evaluation process in the formal manner are not possible.

Methodologies:

Methodologies of operations of continuous evaluation with an interval of two months ,UG (both Honours and General):

- This evaluation is arranged departmentally.
- The date and time examination, and structure of question papers are informed to the students concerned seven days before the commencement of the examination.
- The question papers are prepared and answer scripts evaluated by the faculties of

the departments.

- Evaluated answer scripts are shown to the students through the arrangement of the joint presence of all the teachers of the department and the students concerned. Here the students are given suggestions for their further improvement.

Methodologies of operations of evaluation through end-term comprehensive test for UG (both Honours and General

- This examination is arranged centrally.
- This is conducted by the Internal Examination Sub-committee formed under Teachers' Council.
- The date of the examination is determined by the Internal Examination Sub-committee through the meeting with representation of Teachers' Council Secretary if possible. In this meeting the academic calendar is attempted to be followed as far as practicable, if there be some other randomly occurred internal and external events affecting adversely the schedules in the academic calendar.
- The date and time of examination and structure of question papers are informed to the students fifteen days before the commencement of the examination.
- The notices containing the last date of submission of manuscripts are circulated by the internal examination committee to the departmental heads.
- The departmental heads act accordingly with the assistance of other departmental colleagues. He/ She compiles the questions submitted by the other departmental colleagues.
- The stated committee after receiving the manuscripts prints the required number of question sets of each paper relating to each subject with the financial assistance on the part of the College office.
- The Examination hall wise invigilation duty throughout the tenure of examination is performed by the faculties as prescribed by the said committee.
- The assessment of the answer scripts is also done collectively by the departmental faculties.
- The assessment results in terms of marks obtained by the students in each paper are submitted by the respective Heads of the Departments after necessary compilation, to the Tabulation sub-committees for Science and Arts under Teachers' Council, as the case may be.
- The Tabulation sub-committee after tabulating and compiling the marks,

constructs the frequency distribution of the same for exhibiting the summary statement of the performance of the students in the examination in terms of the marks interval.

- The Teachers' Council Secretary and Chairman in consultation with the Tabulation sub-committees arrange Teachers' Council General Meeting mainly for the consideration of the results in a suitable date.
- The Tabulation sub-committee demonstrates the result reports. The Heads of the department also take part in this respect.
- The faculties present in the meeting critically discuss the reports and try to find out the ways for relatively better performance of the students in the final University examination.
- The messages of the Teachers' Council are transmitted to the students by arranging joint meeting of the examinees and teachers in each department without the waste of time. In this meeting the assessed answer scripts are discussed with the students.

Outcomes:

Outcome of continuous evaluation in the UG (both Honours and General) course:

The following are the outcomes:

- The students since the very beginning of the session take the teaching-learning process very seriously.
- They regularly attend the classes and take class notes.
- They regularly consult Seminar & Central library (Manan) for preparing relevant study materials.
- They maintain regular contact with the teachers for taking suggestions with a view to improving their study materials.
- They, therefore, show encouraging performance in the comprehensive end-term examination.

Outcome of evaluation through end-term comprehensive test for UG (both Honours and General):

The following is the outcome in this regard irrespective of courses:

- The students sent up for the final University examination perform very well in terms of the percentage of marks and classes/grades obtained.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders in the following ways:

- By arranging meetings of Teachers' Council to communicate with teachers.
- By arranging joint meetings of the Head of the Institution, Teachers' Council Secretary, Director, IQAC and Office Staff.
- By arranging joint meetings of Head of the Institution, Teachers' Council Secretary, Director-IQAC and the office bearers of Students' Union Council.
- By motivating the office bearers of Students' Union Council for arranging the general Meeting of Students' Union Council where all sections of Students are invited and informed about the matters in this regard.
- By organizing parents/guardians-teachers meeting at departmental level.
- By following the same procedure for general course.
- By giving statement in restricted manner to the local mass communication agencies if the queries on the part of them about the related affairs is seen. This process develops meaningful communications with external stakeholders.

CRITERION VII

INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

This College is a government College. Because of this, the Green audit related aspects are solely maintained/conducted directly by the District Forest Department under Govt. of West Bengal at the start of English calendar year mainly, and accordingly it takes supplementary measures for creating facilities in this regard. In spite of this, the College authority itself within the limits of its own capacity always tries to maintain a clean and green environment within the campus.

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

This College campus is, as it were the gift of nature .For this it usually ensures an eco friendly environment. The campus is comprised of a large garden which is frequently nurtured for facilitating the beautifying aspects of the College. Besides, there remain two open fields covered with lush greenery and the small flowering trees & large trees with flowering weeds and creepers. All these are the habitat not only of birds but also of different species of wild lizards and insects as well as animals. This prolonged survival of wildlife in the heart of the district town is due to the undisturbed, serene environment in the College campus. The College is located close to the *Terai region of West Bengal*. Such a location makes it a natural habitat to birds and reptiles. The birds that are frequently seen have been identified and noted in A.B.N. Seal College campus. These are Egrets, Kingfishers, common Myna, House Crow, Black Headed Oriole, Coppersmith Barbet, Jungle Myna and the Owl. The frequently seen reptiles such as lizards, chameleons etc. are also identified. The rarely seen reptiles including snakes have not yet been identified as the process involves risk factors. The frequently seen animals are fox and civets.

Yet the College is extremely conscious about its responsibility towards maintaining the eco-friendly environment. That is why it has taken the following measures:

It strives towards the aim of energy conservation. In order for that it always

sensitizes the students and staff to restrict the misuse of power, by using posters, leaflets and fliers, fixed close to switch boards . For making the campus totally Plastic free zone, use of polythene bags, cups and plates are restricted in the entire campus including the canteen and departments and at the same time use of paper plates and paper cups are encouraged. The NSS volunteers make it a point to pick every bit of plastic waste from the campus. The College discourages the students from carrying plastic carry bags which are not eco-friendly. The Science and Society division of the College attached with the Bio-Science departments established a Green House and a net shaded house to conserve the bio-diversity of the Hill, *Terai*, and Plains in the North Bengal Region of West Bengal.

***Energy Conservation**

Unplugging appliances when not in use is a practice that is promoted in the campus. Electronic machines and appliances continue sapping energy while they are plugged in, even when they are switched off. These facts are publicized with the help of posters made by the College concerned. Use of natural air, natural light, and natural heat and other natural sources of energy are propagated in the campus.

*** Use of Renewable Energy**

The College authority is highly sensitive about the positive impact of such eco-friendly measures. And the College always tries to use renewable energy sources such as natural light, natural air, and natural warm, natural sources of fuel etc. through installing the mechanism for the same.

***Water Harvesting System**

Rainwater harvesting is a technique of collection and storage of rainwater into reservoirs or tanks, or the infiltration of surface water into subsurface aquifers before the loss through surface runoff. One method of rainwater harvesting is rooftop harvesting. **The Roof Top Rain Water Harvesting System** in the A.B.N. Seal College premises has been launched through proper planning under the aegis of the **Institute of Environmental Studies and Waste Land Management, Department of Environment, Govt. of West Bengal**. In this context it is worth mentioning that, this site has been declared as 'District Demonstration Centre' by the said Government department. The entire system consists of a number of PVC Tanks, very powerful filter bases, slow sands filters, recharge pit etc. Since it is under the direct supervision of the said department, the College has nothing much to do in this regard, except taking care

A. B. N. Seal College, Cooch Behar 736 101, W.B., India

for it. But the construction itself is a message for the students to make them aware about the importance of water preservation during these days of accelerated water scarcity and global environmental threats.



Photograph No.7.1: The Roof Top Rain Water Harvesting System

*** Check Dam construction**

The College is situated in a district town and so this does not apply to the Institution.

*** Efforts for Carbon neutrality**

The greenery in the College campus effectively neutralizes the harmful carbon dioxide. Utmost care is taken to maintain the lush green environment. Planting trees is another healthy practice that reduces the amount of carbon in the atmosphere. “Banomahotsav”, the festival of planting trees is organized by NSS wing in the first week of July every year as part of different cultural activities. This helps in creating awareness amongst the students about the importance of trees. Again it also helps in creating a carbon neutral atmosphere in the campus. Besides to reduce carbon emissions, care is taken to restrict entry of vehicle into the campus, and use of disposal pipes as and where necessary in the College premises inclusive of canteen.

*** Plantation**

It is one of the healthy practices of the College. Saplings are planted in the campus during *Banomahotsav*. This simultaneously helps to create and maintain a carbon neutral

pollution free atmosphere and scenic beauty in the College campus. A medicinal garden is maintained by the Department of Botany to inculcate an interest in the students about common plants and their medicinal properties. Specimens of plants are preserved in the College herbarium and photo documentation of the biodiversity components of the College campus has been performed.

*** *Hazardous Waste Management***

The hazardous waste is managed in the following ways-

Sweepers of the College in every dawn makes the entire College free from all kinds of wastes inclusive of hazardous materials which originate from the daily activities and are kept in the “USE ME” Bins. The hazardous waste relating to the laboratory experiments are disposed off very much carefully.

****e-waste Management***

This is a Government Institution. Therefore this institution cannot dispose off its electronic wastes without the permission of Government. Initiative in this regard has been taken in the form of written correspondence with the concerned authorities. However, out of use electronic items are stored safely to avoid environmental hazards.

7.2 INNOVATIONS

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

- Since the academic session 2011-12, the authority of this College initiated the publication of “FOCUS” for students. Teachers from different disciplines prepared quality write-ups on topics relevant to the syllabi of different subjects taught at the College.
- Communicative Sanskrit course took place in the College in 2011. The College is cognizant of the importance of Sanskrit as a globally accepted classical language. Keeping in view the ethical importance of Sanskrit studies, this College tries to offer an overview of the language in order to dissolve the inertia of the students regarding learning classical grammar.
- The Political Science Department has initiated news reading sessions to create awareness among students about local, regional, state level, national and international news. This reading becomes a test of their presentation skills as well as an awareness of what happens in the world as a whole.

- Special classes are arranged by different departments with a view to meeting the needs of the slow learners so that they can keep pace with the advanced learners.
- A.B.N. Seal College library arranges photography exhibition on different socio-cultural occasions. It trains students to look at the surrounding world through innovative and inquisitive eyes.
- Participatory Management method instead of dry bureaucratic method of management is an innovative step of this College towards an affable administration. It accelerates the pace of the regular academic and official activities solely dependent on the College, to the best possible level.
- A three-day-long Science exhibition held on the occasion of the 125th year celebration of the College created enthusiasm among Science students and also the persons interested in this regard.
- Continuous evaluation process as noted earlier in Para 6.5.5 and Mock tests conducted in some departments before the University examinations are important aspects in this regard.
- Mock tests are conducted before the competitive examinations
- Downloaded films, documentaries, recordings and clippings from relevant/educational websites are shown and access to e-books/ websites are provided for generating a genuine interest among students in the respective topics.
- In respect of teaching-learning, socio-cultural, socio-educational and other fields of activities the College is always trying to innovate newer ideas and implement those subject to its capacity limits.

7.3 BEST PRACTICES

7.3.1 Best Practice I

Title of the Practice:

Career Oriented and Interdisciplinary Courses

Goal:

- To prepare the students for the extraordinarily competitive regional and global job market.
- To make them compatible with the contemporary research trends of national and international level.

- To make them aware about the extra-academic importance of higher education in the changing global ambience.

The Context:

The reasons for setting such goals here are lying in the fact that ,this College extends some postgraduate courses. Therefore it acknowledges the need of its special duty to offer an ultimate preparatory ground to the students for their forthcoming career in consonance with the goal set above.

The Practice or the conducting process:

Entry into Service Cell/ Sub-Committee, NET/SET Sub-Committee and Placement Monitoring Sub-Committee execute the concerned activities for the interest of the inside and outside students of the College.

Evidence of Success:

A significant number out of the College students participating in the concerned examinations is seen to qualify. This may be understood from the Table 5.2

Problems Encountered and Resources Required:

Sufficient number of resource persons is not available often. Operating and conducting inter disciplinary, multi-disciplinary and trans-disciplinary courses are sometimes seen difficult due to unavailability of essential resources/inputs.

7.3.2 Best Practice II

Title of the Practice:

Establishment of Medicinal Plant Garden (Parashar Udvid Udyan)**Goal:**

- To generate attention and sensitiveness among all sections of students about these types of plants
- To aware them about values of medicinal plants for primary healthcare and use of it.

The Context:

This College is located at the *Terai* region or foot hill of Himalayas. This place is very fertile and surrounded by flora of varied diversity. As a result lots of plants with ethno-botanical application can be practised here



Photograph No. 7.2: Parasar Udvid Udyan

The Practice:

Teachers along with the Botany Department meet local villagers who practice traditional medicines. Knowledge about the uses of plants is collected from these villagers. Accordingly the medicinal plants like *Cymbopogon citrates* (lemon grass), *Asclepias kurasevika*, *Andrographis paniculata* (kalmegh), Aloe vera etc. which are available here are collected and planted in the Green house for growing and showing them to the students with a view to awaring them more and more about those plants.

Evidence of Success:

Huge collection of plants have been completed for serving the academic interest.

Problems Encountered and Resources Required:

Well maintenance of the garden is sometimes disturbed due to natural calamities. Permanent gardeners are required for maintenance of the garden.

7.3.3 Best Practice III

Title of the Practice:

Publication of Academic Journals

Goal:

To develop academic skills amongst teachers by directing their positive energy towards writing analytical articles and thereby enhancing their academic competence.

The Context:

This context has come into existence for making a teacher well diversified in terms of his power of innovation, thought building and extension of those through writing and publishing.

The *Journal of Arts* is published bi-annually with the availability of a number of said papers whenever invited by the Editor-in-Chief of the *Victorian Journal of Arts*. The *B.N. Seal Journal of Science* of A.B.N. Seal College is published in the same context but annually.

The Practice:

The practice of publication is done in the following ways-

The Publication and Published Material Distribution Sub- Committee is formed under Teachers' Council for this purpose. This committee performs all the activities such as the formation of Editorial Board, Board of Editorial Advisors, announcement of submission of articles, dates of publication of the concerned published materials and distribution etc. For performing all these they arrange relevant meetings with the representation of Teachers Council Secretary, Editors and Head of the Institution to some extent. In this way this committee is seen to publish and distribute *Victorian Journal of Arts* bi-annually and *B.N. Seal Journal of Science* annually in regular manner.

Evidence of Success:

This practice nourishes the writing capabilities of the teachers and interested researchers inside and outside the College. In this way this practice extends the opportunity to the persons who have continuously to keep themselves abreast with the global demands in the field of education and allied activities. This arrangement of the opportunity in regular manner extensifies the number of interested persons in this line.

Problems Encountered and Resources Required:

- Lack of availability of papers within stipulated time period.
- The scarcity of Peer reviewer.

7.3.4 Best Practice IV

Title: Organizing Departmental Memorial Lectures and student's seminars

Goal:

- To remember eminent personalities of different disciplines and pay homage to their memory.
- To imbibe the students with knowledge on the topics of lectures.
- To create golden opportunities for meeting and interacting with renowned resource persons in order to develop creative dreams among the students.

- To make the students acquainted with the process of writing and presenting papers in front of a considerable public within the class rooms and thereby breaking their stage fright.

Context:

During slack session to make the students well equipped with a new orientation other than regular classes, memorial lectures and students' seminars are organized to make a positive use of their energy. This is the background of the context.

Evidences of Success:

The resource persons are seen extremely contended with the overall ambience and attitude of the students and teachers. It has also been found that these lectures and seminars heighten the spirit of enquiry, inquisitiveness and likely others amongst the students.

Problems Encountered and Resources Required:

To prepare suitable time schedule is to some extent difficult due to various kinds of official business and deep seated engagement of the students for the preparation of Final University Examinations, although the session is slack. Inadequacy of the availability of resources is the adjoining important problem in this regard. Required manpower viz. teachers , office assistants etc.is not available due to the engagement of teachers in faculty improvement programmes and the insufficient teaching assisting manpower.

7.3.5 Best Practice V

Title: Natural Conservation of wild biodiversity

Goal:

To inculcate the interest, awareness and responsibility towards our environment and its protection for sustainable development.

Context:

- The existence of natural greenery containing various flora and fauna in the locality around the College
- Qualitative and quantitative study of those flora and fauna
- Preservation of voucher specimens (plants) in the College Herbarium including photo documentation of biodiversity components identified in the College campus and surroundings. All these are existing behind the context.

Evidence of Success:

The College is located adjacent to *Terai* and close to the Himalayan foothills. For these occasional visits of bird, insects and animals are common. These not only help in natural beautification but also fairly maintain the ecological balance. This ecological balance also facilitates to continue the activities relating to College Herbarium and Qualitative and Quantitative study of the stated Flora and Fauna without any interruption.

Problems Encountered and Resources Required:

The day by day deterioration of ecological balance due to the rapid growth of urbanization and urban centric environment pollutions is the pertinent problem. This would create an added burden upon the College authority to follow the process of reaching the above goals and achieving the above successes along with maintaining the natural beauty of the College in near future course of time.

For removing these problems a well balanced relation needs to be developed between the natural habitat and urban planning. But to develop such a relation is also a problem. Required resources in this regard are the aware citizens viz. aware teachers, aware students, aware entrepreneurs, policy makes, statesman, administrators and soon . Besides the relevant financial resources for implementing the process to develop the aforesaid well balanced relation is difficult to arrange for.

7.3.6 Best Practice VI**Title:** Organizing Academic Book Fair**Goal:**

- To create the reading habits among those who avoid coming closer to books.
- To extend facilities for collecting books among those who are very much interested to remain with books.

Context:

The College is located at the remotest part of West Bengal. Books of various types in combined manner are not always available. To combat this predicament, A.B.N. Seal College organizes *Academic Book Fair* not only for students, teachers of this College, but also the interested people of the adjoining areas. This is the context of its origin.

The Practice:

Under the able guidance and supervision of the Librarian, A.B.N. Seal College and the library Committee along with other relevant Committee members, Academic Book Fair

is organized. In this Book Fair, publishers of Cooch Behar , Siliguri, Malda, and Kolkata come with their large stock of books both of academic and literary interests.

The Evidence of Success:

In this Book Fair (Photograph No-7.3), interested crowd is very much seen. They are also seen to purchase books of various kinds for their household libraries. The turn over as disclosed by the publishers is the evidence of bulk sale and purchase. Such information implies the increasing reading habits of the people of adjoining locality. Besides the faculties can enjoy the opportunity to purchase books through the physical verification with the least possible cost for the College also.

Problems Encountered and Resources Required:

To frame appropriate time schedule for arranging this Book Fair is the problem. In this ever busy College, sufficient manpower is not available for arranging this programme. Due to this reason the leader organizers are sometimes seen to be overburdened in course of this programme. But it is highly expected that this will be outweighed in near future.

PART – D

DEPARTMENTAL PROFILES

DEPARTMENT OF BENGALI

1. Year of Establishment: 1888, PG: 2004
2. Names of Programmes: UG (HONS. AND PG)
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise): Annual (UG) and Semester (PG)
5. Participation of the Department in the courses offered by other Departments: Attended Seminar in the Departments of History, Sanskrit, English and Philosophy
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Sl. No.	Courses	Name of the collaborating Universities/ Industries etc.
1	Directorate of Distance Education	UNIVERSITY OF BURDWAN

7. Details of courses/programmes discontinued (if any) with reasons: Nil.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	2	NIL
Associate Professor	-	2
Assistant Professor	8	6

9. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D. Students guided for the last 4 Years
Subrata Roy Chowdhury	M.A.	Associate Professor	Modern Poetry	19	--
Dipankar Bhattacharya	M.A., Ph.D.	Associate Professor	Novel and Short stories	13	--
Nivedita Chakraborty (Dutta)	M.A., M.Phil., Ph.D.	Assistant Professor	Comparative Literature	14	--
Krishna Nandi (Bhowmik)	M.A., Ph.D.	Assistant Professor	Novel and Short stories	9	--
Dibyatanu Dasgupta	M.A., M.Phil., Ph.D	Assistant Professor	Comparative Literature	2	--
Arpan Roy	M.A.	Assistant	Novel and	2	--

Pramanik		Professor	Short stories		
Santanu Mandal	M.A.	Assistant Professor	Drama	02	--
Ratul Ghosh	M.A.	Assistant Professor	Folk Lore	02	--
Arpan Chakraborty (Transferred in February 2016)	M.A. Ph.D.	Associate Professor	Comparative Literature	19	--
Amaresh Mandal (Transferred in January 2016)	M.A. M.Phil. Ph.D.	Associate Professor	Novel and Short stories	13	--
Shilpi Bhattacharyya	M.A.	Part time teacher		15	--
Shyama Prasad Roy	M.A. B.Ed	Part time teacher		11	--
Utpal Barman	M.A.	Part time teacher		7	--

10. List of senior visiting faculty: Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: PG: Nil, Hons.: 6%, General: 90%

12. Student–Teacher Ratio (programme wise): PG 3:1, UG (Hons) 6:1, UG (General): 25:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: UGC Minor Research Project 2014: INR 1,60,000

15. Research Centre/ facility recognized by the University: Nil.

16. Publication:

Dipankar Bhattacharyya

1. BOOKS (AS SINGLE AUTHOR):

KATHASHILPI SAROJ KUMAR, 2000, TARAKNATH PUBLISHERS, KOLKATA-700072.

2. DINOMAYEE, SARODASUNDARI: KICHHU BUJE JAWA SWAR,2011, BANGIYO SAHITYA SAMSAD, ISBN: 978-81-89827-62-5.

3. SALEMEN, KABIRAN: BAJBAJE SUBHASH MUKHOPADHYAY,2012, BANGIYO SAHITYA SAMSAD, ISBN: 978-93-82012-03-0.

4. CHHARULATAR CHITHI,2013,DEY'S PUBLISHING,ISBN-978-81-295-1878-1

5. NIRDOY RAMMOHAN,PREMIK BANKIM O ANNANYO,2015,BANGIYA SAHITYA SAMSAD,ISBN-978-93-83590-55-1

2. ARTICLE IN BOOKS

a).BOOK

1. PRACHIN SAHITYA,GOTRA BICHAR,2004(RABINDRANATHER PRACHIN SAHITYA,NABIN ANUBHAB,ED. SANDIP KR. MANDAL,BANGIYA SAHITYA SAMSAD)PG-29-35

2. DINAMOYEE,BORONIYA BANGALIR BOUERA,ED.MANAS CHAKRABORTY,DEEP PRAKASHAN,APRIL 2012,PG.54-60.ISBN-978-93-82040-23-1

b) NEWS PAPER

1. MARDHOR KORBEN NA,BOJHABEN,BAKITA.....(ANANDA BAZAR PATRIKA,12TH MARCH 2004,PG.4)

2. PULISH KE MERE KI LABH HACHHE ODER (ANANDA BAZAR PATRIKA,17TH JULY2005,PG.4)

3. ADWAITA MALLABARMAN (ANANDA BAZAR PATRIKA,30TH JANUARY,2006)

4. AHMMADER MA (ANANDA BAZAR PATRIKA,10TH MAY2015)

5. DAIMA(ANANDA BAZAR PATRIKA,RABIBASORIO PG.3,6TH MARCH,2016)

c) MAGAZINA/JOURNAL

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2. BIGYAPON JUACHURI,KRETA SURAKSHA O EKTI BANGLA PATRIKA, SRISTIR EKUSH SHATAK,MAR-APRIL 2007,PG.33-37

3. POET AMITAVA DASGUPTA, THE PRESIDENCY COLLEGE MAGAZINE,VOL-68,2007-08

4. LARAYTA CHHILO, THAKCHHEO, NATIONAL JOURNAL UGC SPON. CHANDERNAGAR COLLEGE,2008,PG.36-41

5. AYURBED, ALOPATHI, MADHUSUDAN GUPTA....., THE PRESIDENCY COLLEGE MAGAZINE VOL-69,2009,PG.33-37

6. BHAGABATIR ISWAR,ISWARER DINOMOYEE, KORAK,SHARAD 1416 BD,2009,PG.29-37
7. SARODASUNDORI,RABINDRANATH,KICHU SWAR,ARO SANGOPON, KORAK PRAK-SHARAD 1417 BD.PG.36-45
8. ANDHAR BHANGA ALOKJATRI:SAROTKUMARI CHOWDHURANI, BANIK,NOV,2011,PG.253-262
9. ASHRAYER DAMPATYO,DAMPATYATER OISHWARYA:SRI RAMKRISHNA O SARODADEVI, KORAK,SEPT-DEC,2011,PG.80-90
10. KABITAR ADIGANTO SWAPNABHUMI CHHUE , KALI O KALAM,MAY2012,DHAKA,1229,BANGLADESH.PG.133-134
11. CHARIGANGER TIRE, EKUSHER CHARJA,JULY-DEC,2012,PG.116-118,ISSN-2319-4871
12. BYAKTI RAMMOHAN:KICHU KASTOKATHA,KICHU ALOK ARJON, KORAK,SEPT-DEC,2012,PG.54-62
13. RADHANATH SHIKDER:EK BAHUMUKHI SWAPNO KATHAR DISHARI, EKUSHER CHARJA,JAN-JUNE,2013,PG.35-38
14. BYAKTIJAPON,DAMPATYO,BIPORJOY EBANG SRASTA BANKIM, KORAK,BOIMELA,2013,PG.20-32
15. JIBON BHAANGE JIBON CHHOWAR AYOJAN:MANCHE SOUMITRA, KORAK,SEPT-DEC,2013,PG.142-148
16. PANCHANON BARMA:KLANTIHIN AJIBON: MANON,VOL-1,NO.2,JULY 2014,PG.83-86,ISSN-2348-3849
17. SAMUDRA SANGHAT NISTHURATA EBONG GALPOKAR SACHINDRANATH, AKADEMI PATRIKA 36,PASCHIMBANGA BANGLA AKADEMI JOURNAL,AUG-2015,PG.85-97
18. COOCHBEHAR A.B.N SEAL COLLEGE, SIKSHADARPAN,EDUCATION DEPARTMENT,GOVT.OF WEST BENGAL,MAY,2014,PG.131-136

Santanu Mondal

Sl No.	Type of Publication/ Research Work	If a book or chapter or a journal relevant ISSN/ISBN numbers	Name of the Publisher in case of a book/book chapter/journal or the Organizer in case of a seminar/Funding Agency	Status of the publisher of the book or status of the journal/Seminar(International/national/State)	Title of the book or the chapter contributed in the book/Title of the paper published in the journal/printed in seminar proceedings(Full paper, not abstract)/project Title	Year of Publication
1	Chapter in a book	978-93-82045-35-9	Sahitya sangi	West-Bengal	Bishnu Dey Bangla Sahitye Pragati	2012
2	Chapter in a book	978-81-89827-63-2	Bangiya sahitya sansad	West-Bengal	Mahasweta Devir Ban	2011
3	Chapter in a book	NA	Kalikalam	West-Bengal	Bangla Sahitye Prachya o Paschatya Probbhab:Anubhab	2010
4	Chapter in a book	NA	Sahitya sangi	West-Bengal	Madhyajuge Banglar Kalagata Bibartan	2011
5	Paper in a journal	2319-9164	Ajker prativas	West-Bengal	Chhanyachhara: Achintya Kumar Sengupta	2003
6	Paper in a journal	2319-9164	Ajker prativas	West-Bengal	Bhasatatwik Sunitikumar Chhatopadhya	2005

Ratul Ghosh

Papers Published in Journals and Anthologies:

1. 'The Real Dreams: Society, Philosophy and Virtual Reality in the Age of Globalisation' (2016) in *The Victorian Journal of A.B.N.Seal College* (Peer Reviewed), edited by Arpan Chakraborty, CoochBehar: A.B.N.Seal College. ISSN: 0975-5632
2. 'Battles against the Body: Reconstructing Femininity in Patriarchal Religio-social Spaces' (2016) in *Society and Culture in South Asia* (Vol. 2, Issue 1, January 2016), edited by Sasanka Perera, New Delhi: Sage. ISSN: 2393-8617
3. 'Religion and the Position of Women in Indian Society: Demasculinising Mythologies and Religio-Sexual Rites' (2015) in *Transcultural Negotiations of*

Gender, Studies in (Be)Longing Ed. Saugata Bhaduri and Indrani Mukherjee. Heidelberg, New Delhi: Springer, 2015. ISBN 978-81-322-2436-5

4. 'Rābea al-Basrī: Sufi, Narī O Onyāynya. Śārīrik Bitarka' (2014) (Rābea al-Basrī: Sufism, Women and Other Corporeal Debates) in *Research Journal of Bengali Department*, (Peer reviewed), Kolkata: University of Calcutta.
5. 'Bhabīsyater Itihās: Virtual, Popular O Bāstaber Bikalpa Nirmān' (2014) (The History of the Future: Virtual, Popular and Construction of an Alternative Reality) in the journal *Cārbāk*, edited by Sudipta Bandopadhyay. Kolkata. ISSN 2319-3697
6. 'Íswarer Pratisodh' (2013)-an essay based on the novel '*Lāl Śalu*' by Saiyyad Waliullah in the anthology *Lāl Śalu*, edited by Dr. Sravani Roy. Kolkata: Bangiya Sahitya Sangsad. ISBN 978-93-82012-88-7
7. 'Sufimater Udbhab Ebang Bhāratbarśe Tar Bikash: Itihaser Sūtrānuṣanga' (2013) (The Emergence of Sufism and its Expansion in India: Historical accounts and Evidences) in *Purāno Bānglā Sāhity Cintā O Cārcā*, edited by Dr. Jayita Dutta, Kolkata: Ratnabali. ISBN 978-93-81329-23-3.
8. 'Sahajiyā O Nāgarik Archetype: Tātwik Bhūmika' (2013) (Bengal's Para folklore and Urban Archetypes: Theoretical Introduction) in the Journal *Cārbāk*, edited by Sudipta Bandopadhyay. Kolkata. ISSN 2319-3697.
9. 'Dhorai Charit Mānas: Bishonnotar Jonmo' (2012) (Dhorai Carit Mānas: The Birth of Melancholy) in *Dhorai Charit Manās : Āntyaja Jībaner Mahākābya*, edited by Swagata Das Mohanta. Kolkata: Bongiyō Sahitya Sangsad. ISBN 978-81-89827-82-3.
10. 'Sahajiyā O Nāgarik Archetype: Prasanga Kolkata'(2012) (Bengal's Para folklore and Urban Archetypes: References to Kolkata) in the Journal *Cārbāk*, edited by Sudipta Bandopadhyay. Kolkata. ISSN 2319-3697.
11. 'Bhāṣā O Chanda: Nibir Pāth' (2012) (Bhāṣā O Chanda: A Close Reading) in *Rābindrākabyacarcār Nānā Diganta*, edited by Anandamoy Bhattacharya, Kolkata: Dey's Publication. ISBN 978-81-295-1411-0.
12. 'Muktadhārā O Rāktakarabī: Jautha Nātyer Sandhāne' (2011) (Muktadhārā and Rāktakarabī: In Search of a Dramatic Colligation) in *Muktadhārā: Ekti Purṇānga Ālocanā Grantha*, edited by Moloy Rakshit, Maldah: Kalyani Publication. ISBN 978-81-92566-20-7.

13. ‘American Popular Culture’ (2011) in *Buddhijibir Notboi*, edited by Sudhir Chakraborty. Kolkata: Pustak Bipani. ISBN 91-85471-96-7

Dr. Dibyanu Dasgupta, Assistant Professor

Publication:

Book:

Unish Shataker Nabya Bangalir Bedanta Bhabna: Shastrer Samaj bhashya, Vidya, Kolkata, 2012 with ISBN.

Chapters in Book

- i. *Atmahatya Adhikar: Adhikar Kimba Jatana Mokkahaner Charjacharjo*, in Shubhendu Das munshi(editor), Prasanga Manik Bandyopadhyayer chhoto golpo, Vidya, 2015
- ii. *Onyo protaper akhyan : unish shataker nabya bangalir smriti'shastrer' charcha*, in triptimoy Chakraborty(editor) , Impact of Sanskrit In Modern Literature, Moumita Prakasani, Agartala, 2013
- iii. *Opratiponner Jogot : Rabinrdanather Tattwa natake*, in Narayan Bhattacharya (editor), Prasanga: Rabindranath, Moumita Prakashani, Agartal, 2014

Journals (with ISSN)

Name of the Journal	Title of the paper	Issue
Banga Vidya	Sahityetihās Rochonar Ouponibeshik Byakoron	December, 2011
Sahitya Bishari	Bishakta Kobitar Olonlar O Darshaniker Mukhochchhod: Kobi Larra	April, 2012
Swapna	Bangalir Ekeshwarbaditar Unish Shatak	July, 2012
Sahitya Bishari	Paribartaman Kishorkal, kiriti O Amra	October, 2013
Charbak	Nogor kolkatar Jatokormo O koshtir Nirupon	June, 2013
Sahitya Bishari	‘Bharat Barsher Oronyani’ o Uponibeshito Nagorikera	April, 2013
Ebong Mushayera	Boikalpic Byakoroner Likhon	Julio Cortazar Bisesh Sankhya, March, 2015
Victorian Journal of Arts	Shakti Geetir Onyo rup: Unish Shataker Babu Bangalir Victoria charit charcha	July, 2015
Victorian Journal of Arts	Desha Heenatar Nandan: Unish shataker Bangla kobitay Narir Swadwsh SWadesher Nari	January, 2016
Tobu Ekalabya	Annada Akhyaner Andor Mahal	October, 2015
Balmik	Uponibeshiter Onubad	March, 2016

17. Areas of consultancy and income generated: Entry in Service Courses (NET, SET, WBCS) Sponsored by UGC

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Nil

19. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: PG: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1.	Nivedita Chakraborty (Dutta)	Ph.D.	2015
2.	Dibyatanu Dasgupta	Ph.D.	2015

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Name of Lectures	Year	Funding Agency
1	Dr. Satyabati Giri	Sasibhushan Dasgupta Memorial Lecture	2012	UGC
2	Utpal Mandal	Novel and Short stories	2013	UGC
3	Dipak Roy	Drama	2013	UGC
4	Shamindranath Majumder	Amiyabhushan Majumder	2013	UGC

22. Student profile programme/course wise (**Data to be provided by the Admission committee**)

Year	Applications received (UG+PG)	Selected	Enrolled	Pass %
2012-13	1206+1017	40+25	40+25	100
2013-14	1649+1173	43+25	43+25	100
2014-15	1702+1269	45+25	45+25	100
2015-16	1750+975	50+28	40+28	--

23. Diversity of Students: Students come from different socio-cultural and racial

backgrounds.

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. 67 (in five year and different accomplishments)

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2011-12	91.42%	30%	20%	75%
2012-13	92.5%	32%	12%	80%
2013-14	95.43%	28%	12%	69.11%
2014-15	93.33%	24%	16%	12.85%

26. Infrastructural facilities:

a) Library:

Central Library (Total): 13,858

Departmental Library: 1100+ 100 books of remedial courses

Book Bank: Does not exist.

Books on Environmental Science in Book Bank: --NIL

Journals in Book Bank: --NIL

b) Internet facilities for Staff & Students: Teachers do have an access to the Internet facility.

c) Class rooms with ICT facility: NIL

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years: For comprehensive details regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Sl. No.	Name of Speakers	Name of Lectures	Year	Funding Agency
1	Dr. Satyabati Giri	Sasibhushan Dasgupta Memorial Lecture	2012	UGC
2	Utpal Mandal	Novel and Short stories	2013	UGC
3	Dipak Roy	Drama	2013	UGC
4	Shamindranath Majumder	Amiyabhushan Majumder	2013	UGC

29. Teaching methods adopted to improve student learning:

Classroom teaching is often accompanied by giving students take-home tasks. Sometimes students are provided with outlines of class lectures in printed form.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: As directed by the NSS unit of the College.

31. SWOC analysis of the department and Future plans:

Strength:

- Consistently good performance of the students in University Examinations.
- The Department houses a rich stock of books in both Central and departmental library.

Weakness:

- The Department immediately requires full time faculty in the vacant posts for effective handling of the syllabus.
- Absence of Non-teaching staff.

Opportunities:

- Graduates from the department have scope of working in different fields like Media, Law, Management courses and Administrative Service.
- Students facing problems in different fields can freely discuss about those and faculties help to overcome their problems through personal Counseling.
- A rich stocked seminar library exists to cater to the needs of the students.

Future Plans:

- Though the department feels proud of the performance of its students academically, it aims to maintain the present status and to improve it further.

DEPARTMENT OF ECONOMICS

1. Year of Establishment: 1965
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: None
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.

Sl. No.	Courses	Name of the collaborating Universities/ Industries etc
1.	None	N.A.

7. Details of courses/programmes discontinued (if any) with reasons: N.A.

8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor		3
Assistant Professor	4	2

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.):

Name	Qualification	Designation	Specialization	No. of Years of experience	No. of Ph.D. Students guided for the last 4 Years
Bimal Kumar Saha	M.A., Ph.D	Associate Professor	Econometrics & Agricultural Economics	28	Nil
Debabrata Lahiri	M.Sc.	Associate Professor	Advanced Economic Theory	26	Nil
Prathama Ray	M.Sc., M.Phil.	Associate Professor	Statistics & Econometrics, Urban Economics	18	Nil
Dilip Kumar Das	M.A.	Assistant Professor	Econometrics & International Trade	6	Nil
Madhuchandra Bhaduri	M.A., M.Phil	Assistant Professor	International Trade & Agricultural Economics	5	Nil

Samapti Saha (transferred on	M.A., M.Phil	Assistant Professor	International Trade & Econometrics		
Monomita Sarkar	M.A.	Part time teacher		15 years +	Nil
Ananya Biswas	M.A.	Part time teacher		7 years +	

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty: Nil
12. Student -Teacher Ratio (programme wise): 2.5:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: None
15. Research Centre/ facility recognized by the University: None

16. **Publications:**

Dr. Bimal Kumar Saha

Article Published in Books

1. “Agriculture in Assam:The Time and Being” North Bengal and North East India:A Transitional Perspective Edited by Gour Krishna Saha, NL Publisher, Shibmandir, Siliguri 2012 ISBN 978-81-86860-65-6
2. “A Peripheral Community of the Society in Dhubry Sadar Town—The case of Sweepers(Part-I)” North Bengal and North East India:A Transitional Perspective Edited by Gour Krishna Saha, NL Publisher, Shibmandir, Siliguri 2012 ISBN 978-81-86860-65-6
3. “Comparative Dynamics of Growth Ratio and Instability of Agriculture in North Bengal” - a joint paper with Chaya Rani Paul. Published in *Wealth and Welfare: Issues on North Bengal and North East Developmental Studies*, Series No. 2. Edited by Dr. Bimal Kumar Saha. Published by Vashistha Institute for North Bengal and North East Developmental Studies, Bakshirhat, Cooch Behar. First Edition 2012.ISBN:81-903917-0-4
4. “Principal Crops Operational Cost of Cultivation in Assam—A Layman’s Approach”. Published in *Wealth and Welfare: Issues on North Bengal and North East Developmental Studies*, Series No. 2 .Edited by Dr. Bimal Kumar Saha. Published by Vashistha Institute for North Bengal and North East Developmental Studies,

Bakshirhat, Cooch Behar. First Edition 2012, ISBN:81-903917-0-4.

5. “Principal Crops’ Cost Dynamics: The Case of Assam” Developmental Perspective of North Bengal and North East India: Issues on North Bengal and North East Developmental Studies, Series No. 3. First Edition 2013. ISBN:81-903917-1-2.

Articles Published in Journals

1. “Relative Position of North Bengal in Terms of Some Non-Conventional Indicators: A Layman’s view(Part-I)”, Victorian Journal of Arts, Vol.III, No .I, ISSN 0975-5632,2010

2. “Development of Infrastructure the Experience of Bhanukumari Gram Panchayet No. I Cooch Behar, West Bengal onwards seventies: A Search for Regeneration”, Victorian Journal of Arts, Vol. VI, No. I, ISSN 0975-5632, 2013

3. “Economic Development of Bodo Land Territorial Council, Assam, India: The Context of Investment”, Victorian Journal of Arts, Issue VII, No. I, ISSN 0975-5632, 2014

4. “Teachers’ Education for Unforgettable Teachers- The Crying Need of the Twenty First Century”, the Quest For Fundamental Development, Vol. I, No. 2, ISSN 2394-8981, 2015.

5. “Atma ‘O’Mon Niye Kichu Katha”, Victorian Journal of Arts, Issue IX, No. I, ISSN 0975-5632,2016

17. Areas of consultancy and income generated: None

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: 1

19. Student projects

c) Percentage of students who have done in-house projects including inter departmental/programme: Nil

d) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students: None

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding: None.

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2012-2013	36	04	04	100%
2013-2014	30	05	05	100%
2014-2015	35	05	05	100%
2015-2016	21	08	08	-

26. Diversity of Students: 100% from the same state.

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. Nil

28. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-2011	100	Nil	Nil	Nil
2011-2012	100	Nil	Nil	Nil
2012-2013	100	Nil	Nil	Nil
2013-2014	100	Nil	Nil	Nil
2014-2015	100	Nil	Nil	Nil

26. Infrastructural facilities:

a) Library:

Central Library (Total): 4069

Departmental Library: 177

Book Bank: Does not exist.

Books on Environmental Science in Book Bank:

Journals in Book Bank:

b) Internet facilities for Staff & Students: There is one desktop computer in the Department. The computer is connected to internet. Teachers get an access to it.

c) Class rooms with ICT facility: Nil.

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years: For comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: None

Department conducts an educational excursion each year:

Sl No.	Venue	Year
1	Chhitmahal	06/09/2011
2	Kulkuli Tea Estate, Kumargramduar	25/09/2012
3	Totopara	October, 2015

29. Teaching methods adopted to improve student learning:

Classroom teaching is often accompanied by giving students take home problems. Sometimes students are provided with outlines of class lectures in printed form.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Nil.

31. SWOC analysis of the department and Future plans:

Strength: (a) Teacher-student ratio is very healthy.
(b) There is a Departmental Seminar library with a teacher in charge of it.

(c) Teachers are accessible to students beyond class hours.

Weakness: (a) Infrastructure is less than adequate.
(b) Students' attendance is not satisfactory.
(c) Not much research activities.

Opportunities:

(a) Given the healthy teacher-student ratio there is scope for a better teacher-student interaction.

(b) Given the rich stock of books in the seminar and central libraries, students can be motivated and provided opportunity to make more use of the stock.

(c) Internet can be used as a tool to supplement classroom teaching through, for example, blog posts.

Challenges:

(a) To motivate students to pursue the subject with genuine intellectual engagement instead of devoting their academic pursuit entirely to examination strategies.

(b) To overcome the problem of inadequate infrastructure.

Future Plans:

(a) To use ICT regularly as a tool of teaching-learning,

(b) To shift to a different building with adequate number of classrooms, one teachers' room, one room for seminar library, and toilets.

(c) To introduce project work as part of teaching-learning activities.

DEPARTMENT OF ENGLISH

1. Year of Establishment: 1889
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.

Sl. No.	Courses	Name of the collaborating Universities/ industries etc
1.	Nil	NA

7. Details of courses/programmes discontinued (if any) with reasons: Nil
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	-	-
Assistant Professor	4	3

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D. Students guided for the last 4 Years
Debapratim Chakraborty	MA, MPhil	Assistant Professor	19 th Century British Literature, Postcolonial Literature	1	Nil
Sudeshna Mukherjee	MA	Assistant Professor	Renaissance, 19 th Century British Literature	3	Nil
Niladri Tikadar	MA	Assistant Professor	Modern European Literature	1 (in College)	Nil
Partha Pratim Dasgupta (on lien since July 2015)	MA, MPhil, PhD	Associate Professor	American Literature, Modern and Postmodern Literature	20	Nil

Samir Dey	M.A.	Part time teacher		8 years+	
Sanghamitra Deb	M.A.	Part time teacher		12 years+	

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty: 100% of honours classes are taken by permanent faculty members.
12. Student -Teacher Ratio (programme wise): 30:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: Nil.
15. Research Centre/ facility recognized by the University: Nil
16. **Publications:**

Debapratim Chakraborty:

1. Translations of four Nepali short stories into English (in collaboration with a Nepali interpreter) were published in the anthology *Call of the Hills* (ISBN: 81-86954-88-0) published by Jadavpur University Centre of Advanced Study in Comparative Literature in 2012.
2. “The Chartist Poetry of Eliza Cook: A Study” in *The Confidential Clerk*, Inaugural Volume, 2015 (Academic e-Journal of Jadavpur University Centre for Victorian Studies).

Sudeshna Mukherjee:

1. 2013. ‘The Divine Purusha: Vishnu-esque Depiction of the Figure of the Buddha in the Ajanta Murals.’ *Cultural Studies: Theories and Praxes*. Ed. Partha Sarathi Guha. ISBN: 978-81-927259.
2. 2015. ‘Was Jane Austen an Unwitting Supporter of British Imperialism? A Re-examination of Jane Austen’s Use of Sir Thomas’ Antigua Estate in *Mansfield Park*.’ *Luminaire*. 5(1). Ed. Payal Dutta Choudhury. ISSN: 22492542.
3. 2014. Abanindranath Tagore. *Kheerer Putul*. Translated and edited. Avenel Press. ISBN: 978-93-80761-64-0.

17. Areas of consultancy and income generated: Nil

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Nil

19. Student projects

e) Percentage of students who have done in-house projects including inter departmental/programme: Nil

f) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Dibakar Ghosh, Third Year and Arzoo Saha, Second Year	First Prize in Debate (district level) at “Chhatra Yuva Utsav” organized by the Government of West Bengal.	2015
2	Saurav Dutta, Third Year Student	Second Prize in Quiz(district level) at “Chhatra Yuva Utsav” organized by the Government of West Bengal.	2015
3	Dipayan Sil, Second Year Student	Second Prize in Extempore Speech at Youth Parliament (district level) organized by the Ministry of Youth and Parliamentary Affairs, Govt. of India.	2014

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	National Level Seminar-cum-Workshop on <i>Exploring New Horizons on Translation: History, Theory and Practice.</i>	Seminar-cum-Workshop	2012	UGC

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2010-2011			35	100%
2011-2012			41	100%
2012-2013	1100	43	41	100%
2013-2014	1122	43	43	100%
2014-2015	1150	47	47	100%
2015-16	1200	50	50	

29. Diversity of Students: 100% from the same state

30. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. Nil

31. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M.Phil	PG to Ph.D.	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-2011	58%	4%	Nil	-
2011-2012	55%	Nil	Nil	-
2012-2013	62%	Nil	Nil	-
2013-2014	60%	Nil	Nil	-
2014-2015	58%	Nil	Nil	-

26. Infrastructural facilities:

a) Central Library: 5400

Departmental Library: There are more than 150 books in the departmental library.

b) Internet facilities for Staff & Students: Teachers have access to the Internet.

c) Class rooms with ICT facility: Nil

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years:

For comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Sl. No.	Name of Speaker	Topic	Year	Type of lectures
1	Prof. Supriya Chaudhuri (Professor Emerita, Department of English, Jadavpur University)	1.Modernism 2.Shakespeare	2011	UGC-CPE

Department conducts an educational excursion each year: NIL

29. Teaching methods adopted to improve student learning:

- Power-point presentations and film screenings are arranged.
- Students are encouraged to express their views on various topics pertaining to the syllabus in the form of classroom debates and presentations.
- Students' seminars are organized.
- Special language and grammar classes are held to help students lacking language skills.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities as part of the NSS Unit of the College.

31. SWOC analysis of the department and Future plans:

Strength:

- English literature as an academic discipline has always remained a highly sought after course of study and its demand is increasing by the day with the increasing

relevance of the English language in the post-globalization world.

- The small teacher-student ratio ensures that the teachers can keep a tab on the performance of each student and address their weaknesses accordingly.
- The English department of A B N Seal College has always been the preferred destination of the brighter students of this region and attracts some of the best students from Cooch Behar and its adjacent districts.

Weakness:

- The department requires infrastructural support like larger classrooms and classrooms with ICT facilities etc.
- There is no Book Bank in the department.

Opportunities:

- Those who successfully complete their Masters in English can join academics.
- English Literature graduates have the scope of working in the fields of Media, Advertising, Publishing, Administrative Services etc. English graduates are also in demand in the IT and other industries as Content Writers and Instructional Designers.

Challenges:

- As many of the students come from remote locations, commuting regularly and punctually to the College often becomes difficult for them and affects their performance.
- Most of the students come from Bengali medium schools and some are also first generation learners. Hence they often lack fluency in the English language and sometimes face difficulties in following the lectures.

Future Plans:

- Though the performance of the students is quite satisfactory, the department aims to strive for the further improvement of the performance of its students and for the attainment of academic excellence.
- To increase the stock at the departmental library, create a book bank and set up a reading room with an internet connection where students will be able to access web resources.
- To eventually open post-graduate courses in the department.

DEPARTMENT OF GEOGRAPHY

1. Year of Establishment: June, 2009
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.: Nil

Sl. No.	Courses	Name of the collaborating Universities/industries etc
1.	Nil	NA

7. Details of courses/programmes discontinued (if any) with reasons: Nil
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	-	01
Assistant Professor	06	05

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D. Students guided for the last 4 Years
Dr. Samir Kr. Samanta	M.Sc., Ph.D.	Associate Professor	Cartography and Geomorphology	19	03
Writuparna Chakraborty	M.A.	Assistant Professor	Regional Planning	10	Nil
Dr. Anirban Roy	M.Sc., Ph.D.	Assistant Professor	Cartography and Environmental Geography	1.5	Nil
Dr.Prites Chandra Biswas	M.Sc., Ph.D.	Assistant Professor	Cartography	1.5	Nil
Partha Das	M. Sc.	Assistant Professor	Cartography	1.5	Nil
Suchitra Ray	M.A.	Assistant Professor	Agricultural Geography	1.5	Nil

			and Population Geography		
Dr. Suman Paul (resigned from WBES in April, 2016))	M.A. Ph.D.	Assistant Professor			
Birendra Dey Sarkar	M.A.	Part time teacher		7 years+	Nil
Subhrajyoti Barman	M.A.	Part time teacher		7 years+	Nil

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty: 100% of honours classes are taken by permanent faculty members.
12. Student -Teacher Ratio (programme wise): 12:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 0/0
14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: Nil.
15. Research Centre/ facility recognized by the University: Nil
16. **Publications:**

Sri Suman Paul

1. SUMAN PAUL (2014) "FINANCES AND GOVERNANCE OF URBAN LOCAL BODIES: AN APPROACH OF URBAN DEVELOPMENT PERSPECTIVE FROM DEVELOPING COUNTRY" Published in Journal of Urban and Regional Analysis (JURA), Vol. VI, 2, 2014, pp. 181 – 201. ISSN Online: 2068-9969.
2. SUMAN PAUL (2014) "Analysis of Community Based Tourism in Latpanchar, Darjeeling (India)" Published in Indian Journal of Geography & Environment Vol. 13 pp. 49-56. ISSN: 0972-7388.
3. SUMAN PAUL (2014) "Village Based Ecotourism and Sustainability: A Study on Sillery Village, Kalimpong – II C.D. Block, Darjeeling, West Bengal, India" Published in B N Seal Journal of Science, Volume VI, Issue 1, pp. 126-140. ISSN: 0975-5624.
4. SUMAN PAUL AND KANAN CHATTERJEE (2014) "POTENTIALITIES OF URBAN CENTRES AS GROWTH POINTS: AN APPROACH OF REGIONAL DEVELOPMENT PERSPECTIVE FROM A DEVELOPING COUNTRY (INDIA)" Published in ROMANIAN REVIEW OF REGIONAL STUDIES, Volume X, Number 1, pp. 33-46. ISSN: 2344-3707.

Accepted Paper

1. Spatio-temporal Analysis of Urban Sprawl and its Influence on Socio-economic Profile: A Case Study of Barddhaman – I & II Blocks, Barddhaman District, West Bengal accepted for publication in *Geografia: International Journal of Development, Society and Environment*.
2. Analysing and Mapping Urban Poverty of English Bazar Slum: An Approach of Micro Level Planning Perspective from Developing Country (India) accepted for publication in *Bangladesh e-Journal of Sociology* in July, 2015 Volume.
3. Service Quality Attributes Affecting the Metro Passengers of Kolkata, West Bengal, India accepted for publication in *Theoretical and Empirical Researches in Urban Management (TERUM Journal)*.
4. Coastal Tourism and Environmental Change: A Study on Mandarmani, West Bengal, India accepted for publication in *Journal of Environmental Policy and Planning*.

Dr. Anirban Roy

1. Anirban Roy (2009). Status of Human Development in the district of Puruliya. *Geographical Review of India*, Vol. 70, No. 01. The Geographical Society of India, Kolkata. ISSN - 0375- 6386.
2. Anirban Roy (2010). Impact of seasonal migration in Uluberia- I block of Howrah district. *Indian Journal of Landscape Systems and Ecological Studies*, Vol. 33, No. 02. Institute of Landscape, Ecology and Ekistics, Kolkata. ISSN 0971- 4170.
3. Anirban Roy (2011). Rainwater harvesting and distributional priorities: a case study of Bandu River sub-basin in Puruliya district, West Bengal. *Geographical Review of India*, Vol. 73, No. 02. The Geographical Society of India, Kolkata. ISSN - 0375- 6386.
4. Anirban Roy (2012). Deforestation in social context: A case study of Puruliya District, West Bengal. *Researchers World- Journal of Arts, Science & Commerce*, Vol. 5, Issue-1. Educational Research Multimedia and Publication, Malegaon (Nasik), Maharashtra, India. ISSN - 2231-4172. Impact Factor:0.685
5. Anirban Roy (2013). Urban Growth and liveability conditions: Experiences from Uluberia town in West Bengal, India. *Geographical Review of India*, Vol. 75, No. 03. The Geographical Society of India, Kolkata. ISSN - 0375- 6386.
6. Anirban Roy (2014). Availability, scarcity and potentiality of groundwater resources in Puruliya district of West Bengal: an appraisal. *International Journal of Scientific Footprints*, Vol. 02, Issue 01, (Indexed). Islamabad, Pakistan. ISSN – 2310 4090.
7. Anirban Roy (2014). Viability of rainwater harvesting in drought prone areas of West Bengal: an empirical study on Bandu River basin in Puruliya district. *The International Journal of Social Science and Humanities Invention*, Volume 1 issue 3(Indexed). Valley International Journals, M.P, India. ISSN: 2349-2031. Impact Factor: 2.056
8. Anirban Roy (2014). Peoples' perception on pollution and its impact on public health: an empirical study in Uluberia town with particular reference to the air

- pollution caused by bone crushing units. International Journal of Development Research, Vol. 4, Issue, 7. IJDR Journals, Tehran, Iran. ISSN - 2230-9926. Impact Factor: 3.686
9. Anirban Roy (2015). Constraints of Land Oriented Economy in Rural India; A Case Study of Puruliya District in The State of West Bengal, India. . International Journal of Scientific Footprints, Vol. 03, Issue 03, (Indexed). Islamabad, Pakistan. ISSN – 2310 4090.
 10. Anirban Roy (2015): URBAN EXPANSION IN SMALL TOWNS IN INDIA AND ITS IMPACT ON HUMAN HEALTH: A CASE STUDY IN ULUBERIA TOWN OF WEST BENGAL. B.N Seal Journal of Science. A.B. N Seal College, Cooch Behar. ISSN: 0975 – 5624
 11. Anirban Roy (2015): FOREST RESOURCES OF PURULIYA DISTRICT: AN ECOLOGICAL APPRAISAL. VICTORIAN JOURNAL OF ARTS, Vol. 09, Issue – 01. A.B. N Seal College, Cooch Behar. ISSN: 0975 – 5632.

Dr. SAMIR KUMAR SAMANTA, Associate Professor, Department of Geography, A.B.N.Seal College, Cooch Behar

Seminar:

Presented paper entitled '**An Analytical study of Morphoclimatic Processes acting in the Chhota Rangit Basin, Darjiling District, West Bengal**' at International Seminar on Environmental Perspectives and Resource Management(Dec,2014)- organized by Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata.

Publication:

Published Paper entitled '**Geomorphic Units of the Darjiling Himalaya, West Bengal**' at Indian journal of Landscape systems and Ecological studies-June, 2011, Vol. 34, No.1, Kolkata.

Published Paper entitled '**The Basin Characteristics in the Upper Rammam River, Sikkim-Darjiling Himalaya**' at Indian journal of Landscape systems and Ecological studies-June, 2015, Vol. 38 No.1, Kolkata.

SUCHITRA RAY, Assistant Professor, Department of Geography, A.B.N.Seal College, Cooch Behar

Seminar:

Participated in 'International Seminar on Environmental Perspectives and Resource Management' (Dec, 2014) - organized by Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata.

Participated in 'National Seminar on Women in 21st Century: Livelihood Environment and Sustainability' (March, 2015) - organized by Center for Women's Studies, University of North Bengal.

PAPERS AND PUBLICATIONS OF WRITUPARNA CHAKRABORTY, DEPT. OF GEOGRAPHY, A.B.N. SEAL COLLEGE, COOCH BEHAR

1(a) PAPER PUBLICATIONS:

(i) INTERNATIONAL JOURNAL:

Sl. No.	Title	Type	Journal
.	The Exclaves of Cooch Behar – A Question on Human Dignity and Social Identity	Joint paper	Indian Journal of Landscape System and Ecological Studies published by ILEE, Kolkata; Vol.33 No.2, Dec 2010, ISSN: 0971 – 4170, pp 455-460.

(ii) NATIONAL JOURNAL:

Sl. No.	Title	Type	Journal
.	The Demographic Trends of the Totos	Joint paper	Victorian Journal of Arts published by A.B.N. Seal College, Cooch Behar, Vol.3, No.1 May 2010, ISSN: 0975 – 5632, pp 57-60.
.	Coping with the Floods: Management and Mitigation	Joint paper	Victorian Journal of Arts published by A.B.N. Seal College, Cooch Behar, Vol.4, No.1 March 2011, ISSN: 0975 – 5632, pp 31-36.
.	The Totos: A Study on the Socio-cultural Changes Over Time	Joint paper	Victorian Journal of Arts published by A.B.N. Seal College, Cooch Behar, Issue VI, No.1 September 2013, ISSN: 0975 – 5632, pp 48-59.
.	Women of the Royal Family of Koch Bihar: Their Role in Administration and Dissemination of Education	Single paper	Victorian Journal of Arts published by A.B.N. Seal College, Cooch Behar, Issue VIII, No1 July 2015, ISSN: 0975 – 5632, pp 149-155.

17. Areas of consultancy and income generated: Nil

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: 0/0/3

19. Student projects

g) Percentage of students who have done in-house projects including inter departmental/programme: Nil

h) Percentage of students placed for projects in organizations outside the institution

i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students: Nil

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. Subhash Chandra Mukhopadhyay delivered lecture on "Fluvial Processes and Resultant Landforms".	S.P.Chatterjee Memorial Lecture	4.3.2011	UGC-CPE Scheme
2.	Dr. Partha Basu delivered lecture on "Cyclic and Non-cyclic concepts in landforms evolution."	S.P.Chatterjee Memorial Lecture	4.3.2011	UGC-CPE Scheme

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2012-2013	900	24	24	100%
2013-2014	920	24	24	100%
2014-2015	940	28	28	100%
2015-16	940	30	30	-

32. Diversity of Students: 100% from the same state

33. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. NA

34. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2011-2012	60%	Nil	Nil	-
2012-2013	80%	Nil	Nil	-
2013-2014	100%	Nil	Nil	-
2014-2015	100%	Nil	Nil	-

26. Infrastructural facilities:

a) Library

Central Library: 378

Departmental Library: 117

Books on Environmental Science in Book Bank: 05

Journals in Book Bank: 02

b) Internet facilities for Staff & Students: Teachers have access to the Internet.

c) Class rooms with ICT facility: Nil

d) Laboratories: 02

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years: For comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: See Sl. No.21

Department conducts an educational excursion each year:

Sl No.	Venue	Year
1	Nainital, Uttarakhand	2011-12
2	Gangtok, East Sikkim, Sikkim	2012-13
3	Jodhpur, Rajasthan	2013-14
4	Jaipur, Rajasthan	2014-15
5	Pelling, West Sikkim, Sikkim	2015-16

29. Teaching methods adopted to improve student learning:

- Power-point presentations and exhibition of slides are arranged.
- Students are encouraged to express their views on various topics pertaining to the syllabus in the form of classroom debates and presentations.
- Students' seminars are organized.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities as part of the NSS Unit of the College.

31. SWOC analysis of the department and Future plans:

Strength:

- Study of Geography as an academic discipline has always remained a highly sought by the local students and its demand is increasing day by day.
- Six number of faculty members including one Associate Professor are always ready to provide current information about different areas of Geography to make them aware in regarding the modern development of the subject.
- The small teacher-student ratio ensures that the teachers can directly look after the performance of each student and address their weaknesses accordingly.

Weakness:

- The department requires infrastructural support like larger classrooms and classrooms with ICT facilities, etc.
- There are no Geomorphology, Cartography and GIS laboratories to provide better knowledge to the students beyond their syllabi as prescribed by the University.
- Shortage of equipments, lack of optimum number of text books per student, etc.

are other weaknesses of the departments.

Opportunities:

- Those who successfully complete their Bachelor degree in Geography can join the higher studies.

Challenges:

- To upgrade the department and modernize facilities.
- To set up required laboratories.

Future Plans:

- To set up a meteorological station at the department.

DEPARTMENT OF HISTORY (PG)

1. Year of Establishment: **15th June, 1888, PG:2010**
2. Names of Programme: **UG and PG**
3. Names of Interdisciplinary Courses and the Departments/Units involved: **Nil**
4. Annual/ Semester/Choice based credit system (programme wise) : **UG Courses an Annual and PG Courses in Semester system**
5. Participation of the Department in the courses offered by other Departments: **Nil**
6. Courses in Collaboration with other universities, industries, foreign institutions, etc. **Nil**

Sl. No.	Courses	Name of the collaborating Universities/industries etc
1.	B.A. and M.A.	University of North Bengal Cooch Behar Panchanan Barma University

7. Details of courses/programmes discontinued (if any) with reasons: **Nil.**
8. Number of teaching posts:**7 Posts**

Name of the post	Sanctioned	Filled
Professor	01	Nil
Associate Professor	-	01
Assistant Professor	07	06

9. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
Anomitra Das	M.A, M.Phil	Associate Professor	Modern India	01.03.1997 19 Years	Nil
Subhendu Bikas Satpathi	M.A, M.Phil	Assistant Professor	Modern India	04.12.1996 20 Years	Nil
Prajna Paramita Sarkar	M.A, M.Phil, Ph.D.	Assistant Professor	Modern India	10.08.2001 15 Years	Nil
Anil Kumar Sarkar	M.A, M.Phil, Ph.D.	Assistant Professor	Medieval India	07.08.2003 13 Years	Nil
Rudrani Bhattacharya	M.A, M.Phil	Assistant Professor	Modern India	16.09.2010 6 Years	Nil
Ramkrishna Biswas	M.A, M.Phil	Assistant Professor	Medieval India	22.09.2010 6 Years	Nil
Rajeshree Dutta	M.A, M.Phil	Assistant Professor	Modern India	21.09.2010 6 Years	Nil
Arka Acharjee	M.A	Assistant	Ancient India	15.12.2015	Nil

		Professor		2 Month	
Biswajit Nandi	M.A.	Part-time teacher		7 years+	Nil

10. List of senior visiting faculty: **03**
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 95%
12. Student -Teacher Ratio (programme wise): **27:1**
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: Nil
15. Research Centre/ facility recognized by the University: **Nil**
16. **Publications:**

Subhendu Bikas Satpathi

Research Related Activities

Articles Published:

1. “Organised Politics and Mass Movement: Prelude to the Quit India Movement in Midnapore”, in D.N. Jha, K.M. Shrimali and S.N. Lal eds. Historical Dimensions, Delhi, 1994.
2. “Sangatitha Rajniti o Ganavidroha: Medinipurer Bharatchhado Andolaner Purba Prastuti”, in Itihas Anusandhan, Vol. 15, Firma KLM Pvt. Kolkata, 2001.

Dr. Prajna Paramita Sarkar

Research Related Activities

SEMINAR, WORKSHOP & SYMPOSIUM: PARTICIPATION AND PRESENTATION OF PAPERS

27th-28th March, 2015, Participated and presented a paper in International Conference entitled, Regional History: Synergy and contradiction with National History, Alipurduar College, Alipurduar, West Bengal, India.

13th-14th March, 2015, Participated and presented a paper in UGC sponsored National Seminar entitled, The role of Maharani Sunity Devi as an activist for women’s rights in the Cooch Behar State and beyond, in the department of History, North Bengal University, Siliguri, West Bengal.

21st-22nd November, 2014, participated and presented a paper in ICSSR sponsored national Seminar entitled, Changed Demography and the reassertion of the Rajbansis

as a community in the Cooch Behar Principality and beyond, in department of political science, Salesian College, Sonada and Siliguri, West Bengal.

21st-22nd March, 2014, Participated and presented a paper in UGC sponsored International Seminar entitled, “Forest Policy of the British and the Cooch Behar Rulers during 1800-1947: A Comparative Study” in the department of History, North Bengal University, Siliguri, West Bengal.

29th -30th September, 2013, Participated and presented a paper in UGC sponsored National Seminar entitled “Colonial Intervention in the Princely State of Cooch Behar (1872-1950) and its Impact on Agrarian Structure: The Political Economy in Perspective”, in department of History, P.D.Women’s College, Jalpaiguri, West Bengal.

20th -21st March 2012: Participated and presented a paper in UGC sponsored International Seminar entitled ‘Marginalization of the Rajbansis of the Princely State of Cooch Behar : Exploring Contours and Complexities’ in collaboration with Department of History, North Bengal University held at A.B.N. Seal College, Cooch Behar, West Bengal.

16th -17th March, 2012: Participated and presented a paper in UGC sponsored International Seminar entitled “Modernity and Culture: The Cooch Behar State in Perspective” in Dept. of History, North Bengal University, Siliguri, West Bengal.

21st -26th Sept, 2011: Participated in UGC Sponsored Training of Trainers (ToTs) Workshop on Capacity Building of Women Managers in Higher Education, organized by P.D.Women’s College, Jalpaiguri, West Bengal.

5th-9th August, 2011: Participated in UGC Sponsored Workshop on Capacity Building of Women Managers in Higher Education organized by Darjeeling Government College, Darjeeling, West Bengal.

29th -30th April, 2011: Participated and presented a paper in UGC-ICHR sponsored National Seminar in collaboration with Dept. of History, Jadavpur University entitled, “A Study of Political Economy of the Princely State of Cooch Behar- Quest for a Regional Historiography” in Post Graduate Dept. of History, Malda College, Malda.

29th -30th March, 2010: Participated and presented a paper in UGC-SAP sponsored National Seminar in collaboration with Sociological Association of West Bengal entitled “Migration, Land Alienation and Political Discontent in Cooch Behar: An Historical Study of Native State in Perspective” in Dept. of Sociology, North Bengal University, Siliguri, West Bengal.

24th-26th Jan, 2010: Participated and presented a paper entitled, Koch Behar Karad Rajye Parivartanshil Jami Manush Samparka: Ekti Artho-Samajik Samikhya” in Annual Conference held at North Bengal University of the Paschimbanga Itihas Samsad.

16th -17th Jan,2010: Participated and presented a paper in UGC-ICSSR sponsored National Seminar entitled, “Changing Trajectory of Land-Man Relationship in the Princely State of Cooch Behar-1773-1949’ in Post Graduate Dept. of History, Malda College, Malda, West Bengal.

12th -13th March 2009: Participated in UGC sponsored National Seminar in Dept. of History, North Bengal University, Siliguri, West Bengal.

21st -22nd Sept, 2007: Participated and presented a paper in UGC sponsored National Seminar entitled “ The Kamtapuri Movement and its Linkages with British Land Settlement Policies in Princely State of Cooch Behar” in A.B.N.Seal College, Cooch Behar., West Bengal.

19th -20th Nov, 2005: Participated and presented a paper in UGC sponsored National Seminar entitled “Kamtapuri Movement-A Construction by Identity Crisis Projection’ in Darjeeling Government College, Darjeeling

27th-29th Sept,2004:Participated and presented a paper entitled “Bibaho o Rastroniti-Ekti Namuna Bishleshan’ in 3rd West Bengal Social Science Congress, jointly organized by University of North Bengal and Indian Academy of Social Science(West Bengal Branch)

28th -29th Sept, 2001: Participated and presented a paper entitled, “the Contribution of Social History to Contemporary Culture’ in Inter Department Symposium on ‘Culture, Social Sciences and Philosophy’ at Salesian College, Sonada, Darjeeling.

Research Projects

2005: Submitted UGC Sponsored Minor Research Project “Migration, Land-alienation and Political Discontent: A Study of Cooch Behar State.

2007: Assisted in making report of Sarva Siksha Avijan under the project of HRD.

28.7.2013: Got Ph.D Degree on the topic entitled “An Historical Re-reading of the evolving land-man relationship in the Princely State of Cooch Behar: Contextualizing political economy of the regional history in perspective.

Publications:

Chapter in Edited Volume

“Changing Trajectory of Land-man Relationship in the Princely State of Cooch Behar :The Political Economy in perspective (1773-1949)in Asim kr Sarkar and Kausik Chakraborty (eds), New Aspects on Indian History Local, Regional and National, Readers Service,Kolkata,2011,pp.180-195(ISBN:97888-81-87891-50-5)

“Koch Behar Karad Rajye Parivartanshil Jami Manush Samparka: Ekti Artho-Samajik Samikhya”in Itihas Anusandhan-25,Paschimbanga Itihas Samsad,Kolkata,2011,pp.412-419(ISBN: 978-81-910874-1-3)

“The Changing Trajectory of Land-man Relationship in the Princely State of Cooch Behar:The Political Economy in Perspective (1773-1949), in Padam Nepal and Anup Shekhar Chakraborty,(eds),Politics of Culture, Identity and Protest in North East India, vol-2, Authors Press, New Delhi, 2012, (ISBN 978-81-7273-626-2), pp.488-501

Migration, Land-Alienation and Social Discontent:A Historical Study of Cooch Behar in Ranjit Kr. Bhadra,Rajatsubhra Mukhopadhyay and Swatahsiddha Sarkar (eds),Ethnicity in India:Issues in Community, Culture and Conflict, Levant Books,Kolkata,2013,(ISBN:978-93-80663-48-7), pp.131-141.

“Colonial Intervention in the Princely State of Cooch Behar(1872-1950) and its impact on Agrarian Structure:The Political Economy in Perspective” , in Shyamal Chandra Sarkar (ed),Changing Society of Twentieth Century Bengal, Progressive Publishers, Kolkata,2014,(ISBN 978-81-8064-254-8),pp.245-257.

“A Synergy between Popular History and contemporary culture: Cooch Behar State in perspective(1773-1950)”, in Anita Bagchi (ed),Omnibus of North Bengal, B.R. Publishing Corporation, Delhi,2015,(ISBN 9789350502044),pp.210-219.

“Regional History: Synergy and contradiction with National History”, in Sailen Debnath, Bhaskar Bagchi, Subhra Misra(ed),Modern Trends in Social and Basic Sciences, Readers Service, Kolkata,2015(ISBN 978-93-82623-51-9),pp 627-634.

“Marginalization of the Rajbansi Community of the Princely State of Cooch Behar: Exploring Contours and Complexities”, in Dr. Anil Sarkar (ed), *Historian and Historiography of Bengal and North East India: Dimension and Perspective*,Avijit Publications, New Delhi,2015,pp.53-63.

In Research Journals:

Exclusion of the Koch/Rajbansi Community of the Princely State of Cooch Behar: Exploring Crises and Complexities, Journal of Exclusion Studies, Volume 5,no.1,February 2015,pp59-69,[ISSN 2231-4547]

Women at War :A Study of Cooch Behar Royal Family during Colonial Period, Scholars Journal of Arts, Humanities and Social Sciences,2014,2(2B),pp.275-277,[ISSN 2347-5374(ONLINE)]

Synergy and Contradiction between Modernity and Culture-The Princely State of Cooch Behar in perspective(1773-1950),International Journal of Social Science and Interdisciplinary Research,vol.3(7),July, 2014,pp.1-5,[ISSN 2277-3630]

Book review: “*Dalit Bishayak Dalil*” Uttar Prasanga, Vol. 30, June-July 2014, [ISSN 2348-2036]

“*Adhunikata O Sanskriti: Prekhyapat Cooch Behar Karad Rajjya–Ekti Samiskhya,*”
Uttar Prasanga, Vol. 29, April, 2014, [ISSN 2348-2036]

Quest for a Regional Historiography: A Study of Political Economy of the Princely State of Cooch Behar, The Quarterly Review of Historical Studies, Vol.LIII,Nos.1 and 2, April-September, 2013, pp 100-119 [ISSN NO.0033-5800].

A Critical Review of Changing Land- man Relationship in the Princely State of Cooch Behar: The Political Economy in Perspective (1773-1949), Tribal World, Vol.1, No.1, July, 2011, pp.95-101 [ISBN 81-88094-12-9]

Article Published in News Paper

Of Wives and Mothers- The Statesman, NB Extra, Friday, 17th Sep, 2004.

1911: A Love Story- The Statesman, NB Extra, Friday, 15th April, 2005.

Books Published as single author or as editor

Tribal World, Vol.1, No.1, July, 2011, pp.95-101 [ISBN 81-88094-12-9]-Editorial assistance.

Uttar Prasanga, Vol.29, April, 2014, [ISSN 2348-2036]-Editorial assistance.

Dr. Anil Kumar Sarkar

Research Related Activities

SEMINAR, WORKSHOP & SYMPOSIUM: PARTICIPATION AND PRESENTATION OF PAPERS

Programme	Duration	Organized by
Refresher Course	7 th May to 27 th May, 2013	UGC- ASC, NBU
Refresher Course	30 th March to 22 nd April, 2015	UGC- ASC, Calcutta University
Workshop on Research writing and Publication.	23-28 August, 2010 (one week)	UGC, EPW & Jamia University, Delhi
Workshop on Application of statistical methods: An interdisciplinary Approach	5 th September to 11 th sept. 2012	UGC- Sponsored Raiganj Surendra nath mahavidyalaya
Refresher Course	17 th Nov to 8 th Dec. 2007	UGC, Dept. of History J.U

Title of the Paper presented	Title of Conference/ Seminar	Organized by	Whether International/National / State level
Socio-Economic profile of the Tyir community in West Bengal	Ethnicity, Regionalism Polity and Economy of Eastern India since Independence	Dept. of History(PG) ABN Seal College, 20-21 Dec, 2010	UGC-sponsored National Seminar

Uttar Banger Garh-Ekti thatha vittik pratibedan.	North Bengal through the ages	Pakuahat Degree College	UGC-sponsored International Seminar
The Role of the Muslim Saints & Shrines on the Education, Religious, & Cultural life of North Bengal(1200-1664)	Inquiry of the wealth and welfare of North Bengal and North east India	Baxirhat, BINB & NEID	ICSSR-sponsored National Seminar
Bangla putite Dinajpurer Ganajagaran o Itihasa prasanga	Pundrabardhan Itihas o Sanskriti	Pundrbardhan Itihasa o Sanskriti Parisad	Regional Seminar
Ethnicity-Amalgamation; the Fairs of western Duars	Issues in unbalanced Regional Development	ABN Seal College	UGC-sponsored National Seminar
Women Participation and Empowerment in Panchayati Raj-An overview	Indian women in Crossroads: Transition from Colonialisation to glob.	Women Cell, ABN Seal College, 26-27 Nov. 2010	UGC-sponsored National Seminar
Historiography of Gour and Hazrat Pandua: Dimensions and Perspectives	History and historiography of eastern India(perspective and dimension)	Dept. of History(PG) ABN Seal College 20 th and 21 st March, 2012.	UGC-sponsored International Seminar
Role of Sunity Devi for development of Women Education in Princely State of Cooch Behar	Women empowerment In North Bengal perspective	TPM Mahavidyalaya 10 th and 11 th March, 2010.	UGC-sponsored National Seminar
Witchcraft in tribal society: Focus on North Bengal.	Society and Economy of the North Bengal through the ages	Sukanta Mahavidyalaya, Jalpaiguri 4 th and 5 th March, 2012	UGC-sponsored National Seminar
State and Kingship of Kamata Koch Kingdom: Viswa Singha to Naranarayan(1522-1586)	State, power and Ethics of Governance: the Indian Experience	Dept. of History, NBU. 18 th Feb-20 th Feb. 2013, NBU, Darjeeling, WB	UGC-sponsored International Seminar
Society and Cultural profile of Mech tribes in North Bengal and North East India	Dalitality as a global Paradigm: Theorizing Indigeno us studies	Kannur University, Kerala 21 March to 23 March, 2013	UGC-sponsored International Seminar
Swami Vivekananda Manase Bharatio	Relevance of swami Vivekananda in the present social and	Cooch Behar College 1 st and 2nd April, 2013	UGC-sponsored National Seminar

Asprisya Samaj	Economic scenario		
The sannyasi and Fakir Rebellion: post colonial interpretation	Perspective of modern Bengal.	PD Women's College, Jalpaiguri	26-27Sept, 2013 National Seminar
History of disaster in princely State of Cooch Behar(1773-1947): Focus on earthquakes & floods	Environmental history of North Bengal & adjacent regions: contested issues and emerging perspective	Dept. of History, NBU, 21-22 March, 2014	UGC sponsored International Seminar
Roots of Ethnic Movements in Manipur	Environment and management	Dept.of geog and ILEE 20 &21 Dec, 2014	International Seminar
Itihaser Alope Bharat-Bangladesh chitmahol samasya	Chitmahol Samasya	Dinhata College, April, 22, 2015	National Seminar
Regional history writing Focus on Darjeeling District	Modern trends in social and Basic science	Alipurduar College, Alipur Duar, 27 and 28 March, 2015	International Conference
Panchanan sarkar theke Manishi Panchanan Barma:Fire dekha	Socio-political-economic thoughts of Thakur panchanan Barma.	Dinhata College, Sept.26-27, 2015	UGC-National Seminar

Research paper in Journal

Health an western medicine in colonial India(A case study in Princely state of Cooch Behar(Page No.533-541) International journal of innovative research and development Vol. XII ISSN -2278-0211,

History of Bengal as reflected in the Tabaqat-I-Nasiri of Minhaj-uddin Siraj (p 29-39) Twarik International Journal of historical studies, Indonesia

Gorkha identity and separate statehood movement (P.33-38), Global journal of Human Social Science (US) Vol.D

The British Policy of Indirect Rule in India, Twarik International Journal of historical studies, Indonesia, pub. October, 2014

The British colonial policy and its impact on the Judicial Administration in Princely state of Cooch Behar in the 19th Century (P.117-122),Journal of Historical Society Vol. I

The British colonial policy and its impact on Land Settlement in Princely state of Cooch Behar (1790-1928).(p. 29-33),Victorian Journal of arts,Vol. III

Bengal Namasudras: In search of social Identity (1872-1911) (P.46-49) ,East Indian Journal of Social sciences Vol.I

The Rise of Trading Class in Princely State of Cooch Behar (1773-19 40) (p.26-30), Victorian Journal of arts Vol. IV

Kamata Koch Behar:A Review of the contemporary Muslim literary sources(1500-1650) p. 15-18, Victorian Journal of arts Vol. II

Banglay Matua Dharma Andoloner Itihasa: Fire Dekha (p.9-18), Journal of Purba Bharat Vol.I

History of Bengal as reflected in the Tarikh –i-Firozshahi and Futuh-i Salatin (p.41-48), East Indian Journal of Social sciences Vol. II

The Role of the Muslim Saints & Shrines on the Education, Religious and Cultural life of North Bengal (1200-1664)., Victorian Journal of arts, vol-1, 2007

Imperialism in the making of Cooch Behar State: Role of Political Agents, Victorian Journal of arts, vol-vi, 2013

Brajendra Nath Seal and Victoria College (1897-1912): Fire dekha, Uttar Prasango

The British construction of indirect rule in Princely State of Cooch Behar (1773-1947), East Indian Journal of Social Sciences, Vol. II No.1

State and Kingship of Kamata-Koch kingdom: Viswa Singha to Naranarayan(1522-1586, Victorian Journal of Arts Vol-VIII, 2015

Maharaja Nripendra Narayaner amale Adhunik Sikhsher Prasar (p.76-86), Journal of Uttar Prasanga, Coochbehar publication.

Toto Tribe of West Bengal: Social Organization and changes, Victorian Journal of arts, Vol-VII, 2014.

Articles / Chapters published in Books

Evaluation of rural drinking water in India(p.no.59-72) ,Water governance,Allied Publication (Year 2012)

The influence of the Sufis and their Shrines on the education, religious and cultural life of Assam and North Bengal.

(p.62-66), Bimal kr Saha, Cooch behar (Year 2013)

Bangla putite Dinajpurer Ganajagaran o Itihasa prasanga (p.4-9) ,Kal Patrica,CoochbeharPublication

Women Witch-Hunt existing in 21st century Tribal society of West Bengal (Accepted), The status of Indian Women Ed. By Sanchita Bhattacharya, Papyrus, Kolkata, 2015

Raj amale cooch beharer adhunik siksher prachalan, Commemorate Volume, ABN

The Sannyasi and Fakir Rebellion: post colonial interpretation, Historians and Historiography of Bengal and North East India, Abhijeet Publication, 2015

Books Published as single author or as editor

British Paramountcy and the Cooch Behar State (A study of the Anatomy of Indirect Rule in Cooch Behar) p.212

Reference Book, Abhijeet publication, Delhi, 978-93-81136-19-5(Year-2011).

Ethnicity and Regional politics of Eastern and North East India, Reference, Originals (Low price publications) Delhi, 2013, ISBN 10:81-8454-128-7.

History of India(Viswa, Text Book, Deb Publication,Kol.

Historians and Historiography of Bengal and North East India: Dimensions and Perspectives, Reference Book, ISBN 978-93-5074-156-6, Abhijeet Publications. Delhi, 2015.

Victoria Journal of Arts, Journal, ISSN No.09 -75-5632, Member, Editorial Board.

East Indian Journal of Social science, Journal, ISSN-2277-4483, 2014, Assistant Editor.

Uttar Prasango, Journal, ISSN 2348-2036, Member, Editorial Board.

Projects (Minor&Major)

Revisiting Anglo Koch Relations 1773-1947, UGC SanctionedNo.PHW-132/09(ERO) dt.07.09.2009

16.11.2009to 15.05.2011, Rs.97000

A Comparative study of the Meches, Totos, Garos and Ravas of North Bengal and North East India, UGC No.5-692/2012(HRP) (dt.30.08.2012), 01.07.2012 to 01.07.2014 , Rs. 229000

Ram Krishna Biswas

Research Related Activities

SEMINAR, WORKSHOP & SYMPOSIUM: PARTICIPATION AND PRESENTATION OF PAPERS

Participated

Performance of third Generation Panchayats in North Bengal, Deptt. of Pol.sc ABNSC on 4th&5th Dec, 2010

Ethnicity, Regionalism, Polity and Economy of Eastern India since Independence, Deptt. Of History and Economics, ABN Seal College, 20&21st Decm.2010.

Indian women in Crossroad :Transition from colonization to Globalization, women Cell, A.B.N.Seal College, 26-27th Nov, 2010.

Recent reforms in education in India: Trends and Challenges, Univ.B.T and Evening College, 1-2 Octb, 2010

Exploring New Horizons of Translation: History, Theory and Practice, Deptt. of English, A.B.N.Seal College, 16-17 March, 2012.

Memoirs and History-Exploring New Dimensions, Deptt. Of History, University of North Bengal, 23-25 May 2011

Historians and Historiography of India: Dimensions and Perspectives, Deptt. Of History, University of North Bengal, 20-21st March, 2013

Paper Presentation

Swami vivekanander manase Bharatiya ashprisy Samaj, Deptt of Commerce and Economics, Coochbehar College, 1-2nd April, 2013.

Society & Cultural Profile of Mech tribes of North Bengal and North-East India, Deptt of Studies in English. Kannur University, 21-23rd March, 2013.

Society and Cultural profile of Mech tribes in North Bengal and North East India, Deptt.of Studies in English, kannur University, 21-23rd March, 2013.

Article Published in Journal

Myth puran theke itihaser sandhan: prasanga dinajpur. Victorian Journal of Arts, vol-VII, Sept-2014, ISSN No-09755632, Page no-121

Swami Vivekanader Bhabnay Bharatiya Ashprisy Samaj (Accepted)

Participated O.P: 29 April, 2015 to 26 May 2015, HRD, University of North Bengal,

Participated Refresher Course: University of Allahabad, ASC, 03.03.2014 to 23.03.2014

Project: (Ongoing)

Minor Research Project (UGC) 2015-2017 Rs-1, 25000/- (Ongoing), sanction no-F.No.PHW-140/14(ERO)

Rajeshree Dutta

Paschim Banga Itihas Samsad (Vol. 23), Gram bhange shilpa shahar: natun bastuharader jeeban kahini. (Page No. 547 - 553)

Paschim Banga Itihas Samsad (Vol. 24), Poribash Biporjoy: Durgapurer bipanna koyekti gram. (Page No. 1077 - 1085)

Paschim Banga Itihas Samsad (Vol. 27), Unnayaner joyara haria jaoya aek gramer Itikothe.(Page No. 575 - 581)

Anusandhane Sharamik Itihas Edited by Nirban Basu, Gram bhange shilpa shahar: natun bastuharader jeeban kahini. (Page No. 398 - 403), Satu Prakashani, Kolkata

Durgapurer haria jaoya duti gram. (Page No. 135 - 146), An Academic Journal of Durgapur Govt. College (Vol. 1 (2) 2007

Shilper aalo o dushner andhakar: Durgapur shilpanchal: ekti samikha, (Page No. 11 - 18), An Academic Journal of Durgapur Govt. College ISSN 0973 – 8584 [Vol. 2(1), 2008]

Name	Sponsoring Agency	Place & Date
Workshop on syllabus revision	Vidyasagar University	Aug 1998, Midnapore.
Seminar Entitled; "Eçen na-L h;wm; hC-ul çh'ife, Eckife çhfee J çhi;Se' Lecture by Prof. Goutam Bhadra.	Paschim Banga Itihas Samsad And Presidency College.	19.08.1999, Presidency College.
Indian History Congress	I.H.C.	2-4 th January 2001, Calcutta.
Annual conference of Paschim Banga Itihas Samsad	Paschim Banga Itihas Samsad & Visvabharati, Santiniketan	24 th -26 th Jan 2001, Santiniketan
Annual conference of Paschim Banga Itihas Samsad	Paschim Banga Itihas Samsad & St. Paul's College Calcutta	24 th - 26 th Jan 2002, Kolkata
Improvement & Expansion of Education.	Presidency College, W.B.PG.C.T.A. & U.G.C.	26 th Jan 2002, Kolkata.
Globalisation: its impact	Do	15 th Feb 2003 Kolkata
Relevance of conventional subjects	Do	24 th Jan 2004 Kolkata
Workshop on History as <u>Subject Expert</u>	West Bengal Board of Secondary Education	16 th to 17 th November 2006.
International Conference entitled ' <i>Renaissance Reborn</i> '	School of Cultural text and Records, Jadavpur University.	8 th to 10 th March 2007. Kolkata
International Seminar on ' <i>Uprisings of 1857-58: The view from outside the gangetic heartland</i> '	Asiatic Society and ICHR	21 st to 22 nd March 2007, Kolkata
Workshop on ' <i>Motivating Students in the classroom</i> '	UGC and ASC-JU	23 rd March 2007, Kolkata
National Seminar on ' <i>Remembering Kosambi: His works and influences</i> '	Calcutta University	22 nd March 2008, Kolkata

Anomitra Das

Research Related Activities

Participated in U.G.C. Sponsored **Orientation Course** in ASC-Calcutta University from 1st march 2001 to 31st March 2001.

Participated in U.G.C. Sponsored **Refresher Course** on '*Colonialism and Nationalism: Bengal, India and the third world*' organised by ASC-JU and Dept of History, Jadavpur University from 2nd January 2002 to 22nd January 2002.

Participated in U.G.C. Sponsored **Refresher Course** on '*State and Society in Colonial and Post-colonial India*' organised by ASC-JU and Dept of History, Jadavpur University from 17th November to 8th December 2007.

Participated in U.G.C. Sponsored **Refresher Course** on "*History*" in Dept. of History, Calcutta University, from 14th March to 5th April 2008.

SEMINAR, WORKSHOP & SYMPOSIUM: PARTICIPATION AND PRESENTATION OF PAPERS

Papers Presented

"*Unis satake sahepipana o bangaliana; ekti drishtikon*" Paper presented in Paschimbanga Itihas Samsad 18th annual conference.

"*Unis Satake Chele o Meye; Ekti Samiksha* ' Paper presented in Paschimbanga Itihas Samsad 18th annual conference.

Book Published.

"*Bangalir Samyabad Charcha: Calcutta 1998*" (Jointly edited with Prof. Sipra Sarkar)

This is an anthology of Leftist writings in Bengali of Pre-independent India.

Rudrani Bhattacharya

SEMINAR, WORKSHOP & SYMPOSIUM: PARTICIPATION AND PRESENTATION OF PAPERS

Participated in Orientation Programme (U G C Sponsored) in ASC North Bengal University from 4th-31st December 2013.

Participated ICHR Sponsored International Seminar on Memoirs and History- Exploring New Dimension, Dept. of History, North Bengal University, 23rd-25th May, 2013

Participated in UGC Sponsored Orientation Programme from 4th-31st December 2013

Participated in ICHR Sponsored International Seminar on 'Memoirs and History- Exploring New Dimension', from 23rd-25th May 2011, Dept. of History, North Bengal University.

Exploring New Horizons of Translation: History, Theory and Practice, Deptt. of English, A.B.N.Seal College, 16-17 March, 2012.

Indian women in Crossroads: Transition from colonization to Globalization, women Cell, A.B.N.Seal College, 26-27th Nov, 2010

Presented a paper entitled 'Ethnic Upsurges in the Post-colonial North-East India: A Study in the Bodos' in UGC Sponsored National Seminar on Ethnicity Regionalism, Polity and Economy of Eastern India Since Independence, Dept. of History and Economics, A B N Seal College, 20-21 December 2010

Presented a paper entitled 'The Nineteenth Century Bengali Women: Voices of Rassundari Dasi' in UGC Sponsored International Seminar on 'Historians and Historiography of India: Dimension and Perspectives (Focus on Eastern & North East India)', Dept. of History, A B N Seal College, 20-21 March 2012

Presented a paper entitled '1757 Theke 1947-A Brihottaro Banger Udbhav, Bikash O Bilop' in annual conference of Paschimbanga Itihas Sansad, 24-26 January 2010, Kolkata

Presented a Paper entitled '1950 Shaler Oitihasik Bharat-Nepal Chukti Sangsodhan Prosonge Kicchu Katha' in annual conference of Paschimbanga Itihas Sansad, 24-26 January 2011, Kolkata

Presented a paper entitled 'Thakur Barir Ramonider Swadeshi Chetana- Prosanga Swarnakumari Devi' in annual conference of Paschimbanga Itihas Sansad, 24-26 January 2012 Kolkata

Article Published in a Book

Migration Led The Urbanization : A Case Study of Siliguri, Dr. Gopal Sharma & Nazrul Islam (ed) 'Issues of Social Exclusion and Development in India: Women's Empowerment Right to Livelihood, Migration, Local Democracy and Elementary Education, Sitalkuchi College, Cooch Behar, 2014

'Chitro Rashik O Chitro Samalochak Vivekananda' Amaresh Mandal (ed) 'Bishoy Vivekanda' Bangyo Sahitya Sansad, 2014

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards:

1. Dr.Prajna paramit Sarkar– i) Life Member, Vashistha Institute, Cooch Behar.

ii) Life Member, Paschim Banga Itihas Samsad

iii) Life Member , North-Eastern History Congress,
Shillong

iv) B.O.S. Member, University Of North Bengal(2013-15).

3. Dr.Anil kr. Sarkar- i) Member, Indian History Congress.

ii) Member, Paschim Banga Itihas Samsad

iii) Member, Editorial Board, Victorian Journal of Arts,A.B.N.
Seal College, Coochbehar, 2013-14.

19. Student projects

i) Percentage of students who have done in-house projects including inter departmental/programme:

i) 100% students of the M.A. programme prepare Small Research Projects, Term Papers and Review works and present Seminar paper as mandatory Course work .

j) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: **Nil**

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Anil Kumar Sarkar,(Faculty)	Ph.D. Awarded	2010
2	Prajna Paramita Sarkar. (Faculty)	Ph.D Awarded	2013
3	John Biswas	Awarded Gold Medal for 1 st Class 1 st rank in M.A. Final, from Cooch Behar Panchanan University	2015
4	Prasenjit Sarkar	Received Rekha Bhattacharya Memorial Award for Highest Marks in Part III (Hons),History, from A.B.N. Seal College	2012
5	Gour Kishor Dey	Received Rekha Bhattacharya Memorial Award for Highest Marks in Part III (Hons),History, from A.B.N. Seal College	2014
6	Rakesh Barman	Received Rekha Bhattacharya Memorial Award for Highest Marks in Part II (Hons),History, from A.B.N. Seal College	2014
7	Khokan Das	Received Pares Nath Bhattacharya Memorial Award for Highest Marks in Part III (Hons),History, from	2010

		A.B.N. Seal College	
8	Sreya Hore	Received Rekha Bhattacharya Memorial Award for Highest Marks in Part II (Hons), History, from A.B.N. Seal College	2012
9	Agnita Paul	Received Bhabatosh Bhattacharya Memorial Award for Highest Marks in Part I (Hons), History, from A.B.N. Seal College	2012

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. Chittabrat Palit Department of History, Jadavpur University	Invited Lecture	2011	UGC – CPE
2	Prof. Geraldine Forbes, New York State University, USA	Invited Lecture	2012	UGC – CPE
3	Prof. Ichhimuddin Sarkar Department of History, University of North Bengal	Invited Lecture	2012	UGC – CPE

22. Student profile programme/course wise:

Year	Applications received		Selected		Enrolled*		Pass %			
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
2012-13	832	147	45	25	38	22	32	22	84	100
2013-14	758	145	45	25	39	21	34	21	87	100
2014-15	735	154	50	28	43	21	39	21	90	100
2015-16	756	170	50	28	50	28	-	-	-	-

23. Diversity of Students: 100% from the same state

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. 02 (NET)

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M.Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2011-2012	23	-	-	-
2012-2013	19	-	-	-
2013-2014	20	-	-	-
2014-2015	-	-	-	-

26. Infrastructural facilities:

a) Library:

Central Library (Total): 5001

Departmental Library: 405

Book Bank: Does not exist.

Books on Environmental Science in Book Bank: Nil

Journals in Book Bank: Nil

b) Internet facilities for Staff & Students: Teachers do have an access to the Internet facility.

c) Class rooms with ICT facility: Nil

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years:

For a comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmers (special lectures / workshops / seminar) with external experts: Refer to Sl. no. 21.

29. Teaching methods adopted to improve student learning: lecture method with interdisciplinary approach and introduced smart class with power point and other audio visual method.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

31. SWOC analysis of the department and Future plans:

Strength: Qualified faculties.

Weakness: 1. Insufficient numbers of faculty 2. Lack of books in Seminar Library as well as Central Library, 3. Non-availability of journals, periodicals etc., 4. Non-availability of E-Journals, 5. Paucity of class rooms. 6. No DELNET facility available.

Opportunities: PG Department with research facilities for M.Phil and Ph.D. degree.

Challenges: Up-gradation of the Department and overcome the weakness.

Future Plans: 1. PG Department with research facilities for M. Phil and Ph. D. degree and Advance Research Centre, 2. Holding of International Seminars and Workshops, 3. Inter-exchange of faculties from other Universities both Indian and abroad.

DEPARTMENT OF PHILOSOPHY

1. Year of Establishment: 1888
2. Names of Programmes: UG (Hons. & General)
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil

Sl. No.	Courses	Name of the collaborating Universities/industries etc
-	-	-

7. Details of courses/programmes discontinued (if any) with reasons: N. A.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	0	0
Assistant Professor	5	5

9. Faculty profile with name, qualification, designation, specialization

(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D. Students guided for the last 4 Years
Mrinal Kanti Basak	M.A., M. Phil.	Assistant Professor	Logic, Philosophy of Language	6	Nil
Mithu Sinha Ray	M.A., M. Phil.	Assistant Professor	Psychology, Ethics	11	Nil
Irani Sil	M.A., M. Phil.	Assistant Professor	Logic & Feminist Epistemology	6	Nil
Dr. Sutapa Chakraborty	Ph. D.	Assistant Professor	Logic, Western Epistemology, Philosophy of Mind	5	Nil
Bishnupriya Saha	M.A.	Assistant Professor	Post Modernism, Phenomenology	1 Month	Nil
Dr. Riki Chakraborty	M.A. Ph.D.	Part time teacher	Indian Epistemology	19 ears+	NA

10. List of senior visiting faculty: 02

i) Professor Sushil Singha (Retd. Professor, A B N Seal College)

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 12%

12. Student -Teacher Ratio (programme wise): 24:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received:

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2 yrs.	ICSSR	5,00,000/-	2,00,000/-
Minor Projects	2 yrs.	UGC	3,00,000/-	2,87,000/-

15. Research Centre/ facility recognized by the University: Nil.

16. Publications:

Mrinal Kanti Basak

1. DOUBTS AND METHODOLOGICAL SKEPTICISM, A STAND POINT OF DESCARTES – VICTORIAN JOURNAL OF ARTS, Volume – IV, Number – II, September, 2011, ISSN – 0975-5632.

2. LOCKE'S VIEW OF THE ORIGIN, NATURE AND LIMITS OF KNOWLEDGE, A CRITICAL ASSESSMENT - VICTORIAN JOURNAL OF ARTS, Volume – VI, Number – I, September, 2013, ISSN – 0975-5632.

3. CIVIL SOCIETY AND DEMOCRACY – INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH AND DEVELOPMENT, Volume – 2, Issue- 11, November, 2013.

4. LOCKE'S STANDPOINT ABOUT THE EXTENTION OF HUMAN KNOWLEDGE, A CRITICAL ASSESSMENT - VICTORIAN JOURNAL OF ARTS, Volume – VII, Number – I, September, 2014, ISSN – 0975-5632.

5. LOCKE'S REJECTION OF INNATE IDEAS A CRITICAL ASSESSMENT - VICTORIAN JOURNAL OF ARTS, Volume – VIII, Number – I, July, 2015, ISSN – 0975-5632.

6. RIGHT TO EDUCATION AND ELEMENTARY EDUCATION IN INDIA – *RIGHT TO EDUCATION - ROADMAP AHEAD*, Edited by Dr. G. S. Kainth, BHARATI PUBLICATIONS, Delhi, ISBN: 978-93-81212-57-8.
7. RATIONAL OF MIGRATION BEHIND THE PRESENT VIOLENCE IN BODOLAND(BTAD) – *RURAL OUT- MIGRATION IN INDIA: PROBLEMS AND PROSPECTS*, Edited by Dr. G. Sharma and N. Islam, Sitalkuchi College, Cooch Behar, ISBN: 978-81-926968-0-5.
8. THE PHILOSOPHY BEHIND THE LIFE OF MIGRATED ADIVASI WOMEN OF TEA GARDEN IN TARAI AND DOOARS – *TRIBAL AND RURAL DEVELOPMENT : VARIOUS FACETS AND INNOVATIVE STRATEGIES*, Edited by Dr. M. Awais and Dr. N. H. Zaidi, REGAL PUBLICATIONS, New Delhi, ISBN: 978-81-8484-409-2A, 2015
9. WOMEN AND THE ISSUE OF HUMAN RIGHT – *THEORY AND PRACTICE OF HUMAN RIGHTS: THE INDIAN CONTEXT*, Edited by Dr. Gopal Sharma, Rupali Publication, Chandannagar, ISBN:978-93-81669-80-8.
10. PROSPECTS AND CHALLENGES OF FOOD SECURITY SCHEME – *RURAL DEVELOPMENT IN INDIA: ISSUES AND CHALLENGES*, Edited by Dr. Gopal Sharma, Abhijeet Publication, New Delhi, ISBN: 978-93-5074-186-3.
11. HUMAN SECURITY: AN ANALYSIS – *WOMEN EMPOWERMENT IN INDIA; OPPERTUNITIES AND CHALLENGES*, Edited by Dr. Gopal Sharma, Rupali Publication, Chandannagar, ISBN:978-93-81669-88-4.

Mithu Sinha Ray

1. STOICS ON EMOTION, *Victorian Journal of Arts*, Volume – VIII, Number – 1, July, 2015, ISSN – 0975-5632.
2. LIAR PARADOX, *Victorian Journal of Arts*, Volume – VII, Number – I, September, 2014, ISSN – 0975-5632.

Dr. Sutapa Chakraborty

1. SARTRE'S ETHICS OF THE OTHER, in *Moral Philosophy, Contemporary Perspectives*, ed. Chandrakanta Sharma, 2009, ISBN NO. : 978-81-9078-125-1.
2. PERSONS: THE EPISTEMIC PROBLEM, in the *National Journal Mezangkari*, ed. Dipankar Saikia, Vol. 1, Issue 1, June 2012, ISSN: 2278-604X.

Bishnupriya Saha

1. METAPHYSICS: POSSIBILITY AND IMPOSSIBILITY, 2014, *Victorian Journal of Arts*, Volume – VII, Number – I, September, 2014, ISSN – 0975-5632.

2. MULYA: EKTI DARSHANIK ALOCHANA, ISSN: 2015, 2391-8591.

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Nil

19. Student projects: Nil

20. Awards/Recognitions received by Faculty and students: Nil

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding: None

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2011-12	450	35	34	100%
2012-13	500	36	34	100%
2013-14	550	36	34	100%
2014-15	600	38	38	71%
2015-16	600	42	15	-

25. Diversity of Students: 100% from the same state

26. How many students have cleared national and state competitive examinations such as NET,

SLET, GATE, Civil services, Defense services, etc: No data.

27. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D.	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-11	75%	-	-	70%
2011-12	72%	-	12%	64%
2012-13	80%	15%	9%	72%
2013-14	81%	12%	15%	74%
2014-2015	84%	12.5%	17%	80%

28. Infrastructural facilities:

a) Central Library: 5707 books

b) Library: The departmental library has a total of 774 books.

b) Internet facilities for Staff & Students: Teachers do have an access to the

Internet facility.

c) Class rooms with ICT facility: Nil.

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years:

For a comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Sl. No.	Name of Speaker	Topic	Year	Type of lectures
1	Professor Manjulika Ghosh (Former Professor, Department of Philosophy, N. B. U.)	<i>Language and Its Impact on Social Life</i>	2012	UGC-CPE
2	Professor Kantilal Das (Professor, Department of Philosophy, N. B. U.)	<i>Language and Logic</i>	2013	UGC-CPE

29. Teaching methods adopted to improve student learning:

- Paper Presentation Sessions are held.
- Motivating students to participate in different seminars organized by other educational institutions.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS & NCC Unit of the College and taking part in various cultural activities.

31. SWOC analysis of the department and Future plans:

Strength:

- Philosophy as an academic discipline is relevant as it reflects the philosophical knowledge as well as the existing and emerging social and ethical problems.
- As there is no vacant faculty position in the department, so the department has a very healthy student – teacher ratio and teachers could take personal care of every student.
- As our institution is very renowned and prestigious one under North Bengal University, we get a handful of extremely capable and intelligent students. They secure good marks and got rank in final result of North Bengal University in almost all the academic sessions.
- **Sustained** effort of the Faculty to impart quality education to the students.

Weakness:

- Department doesn't have any interactive digital classroom.
- Department doesn't have any Book Bank.

Opportunities:

- Those who successfully complete their Masters in Philosophy can join academics and any Public Service.
- Students facing difficulties (both personal and regarding academics) can freely discuss their problems and faculties help to overcome their problems through Counseling.

Challenges:

- Some of the students of the department come from remote areas and economically backward classes. So it is very difficult for them to attend the class regularly and make a continuous progress in the study, though some of them are very talented.

Future Plans:

- Introduce Post Graduate Course in Philosophy.
- Create a Book Bank for backward students.
- Interactive Digital Class Room.
- Reading Room of Seminar Library for students and departmental faculties.

DEPARTMENT OF POLITICAL SCIENCE

1. Year of Establishment: 1888
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise): Annual.
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.

Sl. No.	Courses	Name of the collaborating Universities/industries etc
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7. Details of courses/programmes discontinued (if any) with reasons: Nil.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	4	0
Assistant Professor		4

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
Shampa Dutta	M.A. B.ED	Assistant Professor	Local govt.and Politics, Comparative politics	10 years	--
Animesh Mandal	M.A. B.ED	Assistant Professor	International Relations	2 years	Nil
Mrinal Das (Transferred To Kushmundi Govt. College In 2016)	M.A, B.ED.	Assistant Professor	Indian State and Society	Joined on 30.11.2015	--
Pemu Tsreing Lepcha	M.A.	Assistant Professor	Indian Government and Politics, Gender and Politics, Cultural and Identity Politics	7years (in csc College), joined this service from Dec,2015	--

Sudipta Paul (Transferred To Govt. General College At Kushmandi In 2015)	M.A. Ph.D	Assistant Professor	Socialist Political Thought	09 years (approx.)	
Arnab Dasgupta(Trans ferred To Chandan Nagore Govt. College In 2014)	M.A.	Assistant Professor	International Relations	--	--
Anil Biswas (Left To Join Burdwan University In 2104)	M.A.	Assistant Professor	----	---	--
Chandrashekhar Pandit (Transferred To Jhargram Raj College In 2012)	M.A. M.Phil.	Assistant Professor	Public Administration	--	---
Ram Chandra Pramanik (Transferred To Jhargram Raj College In 2012)	M.A.	Assistant Professor	Public Administration	--	---
Dr. Pranab Kumar Samajdar	M.A. Ph.D	Part time teacher	Public Administration	40 years+	Nil
Munmun Das	M.A.	Part time teacher	International Relations	13 years+	Nil
Hablu Chakraborty	M.A.M.Phil.	Part time teacher		14 years+	

10. List of senior visiting faculty: Dr. Pranab Kumar Samajdar.

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Handles and takes classes in morning section (B.A.-General).

12. Student -Teacher Ratio (programme wise): 25:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: a) Minor Research Project undertaken by *Prof. Manoj Kr. Haldar* on **“Political Culture among the Women Members of Scheduled Caste**

Community in Panchayati Raj Institutions (P.R.I) of District Nadia.”, funded by UGC, October,2014-2016,Rs. 2 Lakh.

b) Ongoing MRP by *Prof .Sudipta Paul* under UGC on Impact of MGNREGA in **Trimming down Feminization of Poverty: A Case Study of Cooch Behar District**

15. Research Centre/ facility recognized by the University: Nil.

16. **Publications:**

Smt. Pemu Tshering Lepcha

1. Emergence of the National Security State and Human Rights Violation in North East India: A Case of the Armed Forces Special Powers Act, Abhijeet Publications, New Delhi,978-93-5074-195-5,2015

2. Towards Empowerment: Reflections on portrayal of Women in the Media, Rupali Publishers, Kolkata,978-93-81669-89-1,2015

3. Journal: The Lepchas in Darjeeling: A Study of the Emergence of their Ethno-Consciousness, East India Journal of Social Sciences, 2277-4483,2013

Dr.Sudipta Paul

1. ‘Self-Help Groups in Diminishing Feminization of Poverty: A Myth or Reality?’ (Yet to be published from Victorian Journal of ARTS, A.B.N Seal College, Cooch Behar, W.B)

2. Women’s Issues: Bengali Culture and Society’ [in Bengali] (Yet to be published from SETU Publication, Delhi & Brabourne College, W.B.)

3. ‘Reconstruction of “Womanhood” in the 21st century Daily Soaps of India: Introspection with the probe of empowerment of woman’ (Yet to be published from K. P. Bugchi & Rastraguru Surendreanath College, Barrackpore, W.B.)

4. ‘Empowerment of Women: A Third World /Post Colonial Discourse’ (Concept Note). Published in Annual Academic Journal (2013-14) of the Department of Political science of Savitri Girls College, Kolkata, W.B.

5. ‘Concerning Justice’ at the 21st century socio-political culture in India’ Victorian Journal of ARTS A.B.N Seal College, Cooch Behar, W.B., 2013-14

6. Women Empowerment as Metaphor: Locating Self-Help Groups in Postcolonial Discourse –A Study of Select Blocks of Burdwan District’, The West Bengal Political Science Review ISSN2230-8296, 2011

7. ‘Awareness in Environmental Conservation: A Scientific Outlook to Socio–Political Movement’, Journal of Communiqué, Durgapur Government College (ISSN 0973-8584), Vol 2, No1, 2009

Sri Manoj Kumar Haldar

1. OPEN AND DISTANCE EDUCATION IN THE PERSPECTIVE OF HIGHER EDUCATION AMONG THE WOMEN STUDENTS OF INDIA (pp.40-49), 'Victorian Journal of Arts' Academic Journal of A.B.N.Seal College, Coochbehar. Issue: VII, September 2014, ISSN 0975-5632
2. PARTICIPATORY DEMOCRACY AND POLITICAL PARTICIPATION IN RURAL SELF GOVERNMENT IN WEST BENGAL, 'Conscientia' Academic Journal of Krishnagar Govt. College, Feb.2015, Vol-2, No-4, ISSN 2278-6554
3. WOMEN EMPOWERMENT AND POLITICAL PARTICIPATION IN INDIA. (pp.59-62), 'Conscientia' Academic Journal of Krishnagar Govt. College, Feb. 2012, Vol-2, No-3, ISSN 2278-6554

Sri Anil Kumar Biswas

1. RIGHT TO EDUCATION AND ELEMENTARY EDUCATION IN INDIA – RIGHT TO EDUCATION - ROADMAP AHEAD, Edited by Dr. G. S. Kainth, BHARATI PUBLICATIONS, Delhi, ISBN: 978-93-81212-57-8.
2. RATIONAL OF MIGRATION BEHIND THE PRESENT VIOLENCE IN BODOLAND(BTAD) – RURAL OUT- MIGRATION IN INDIA: PROBLEMS AND PROSPECTS, Edited by Dr. G. Sharma and N. Islam, Sitalkuchi College, Cooch Behar, ISBN: 978-81-926968-0-5.
3. WOMEN AND THE ISSUE OF HUMAN RIGHT – THEORY AND PRACTICE OF HUMAN RIGHTS: THE INDIAN CONTEXT, Edited by Dr. Gopal Sharma, Rupali Publication, Chandannagar, ISBN:978-93-81669-80-8.
4. PROSPECTS AND CHALLENGES OF FOOD SECURITY SCHEME – RURAL DEVELOPMENT IN INDIA: ISSUES AND CHALLENGES, Edited by Dr. Gopal Sharma, Abhijeet Publication, New Delhi, ISBN: 978-93-5074-186-3.

Prof. Chandrasekhar Pandit

1. Chandra Sekhar Pandit & Pritha Pandit (Roy Chowdhury)" Political Empowerment of Women at the Grassroot Level; A study of Atharokhai Gram Panchayat of Darjeeling District", Series No.-2, Pages-53-61, 2012
17. Areas of consultancy and income generated: NA
18. Faculty as members in
 - a) National Committees b) International Committees c) Editorial Boards: Nil
19. Student projects
 - k) Percentage of students who have done in-house projects including inter

departmental/programme: 100% students undertake ENVIS Projects.

1) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1.	Dr. Sudipta Paul	Awarded Ph.D from Burdwan University	2014
2.	Sukanya Tar(student)	Awarded the recognition of being the “best Leader of Ruling Party”, YPC(Division level)	2013-14)
3.	Dipu Chakraborty (student)	Awarded the recognition of being the “Best Parliamentarian” YPC(District level)	2014-15)
4.	Moumita Bhattacharya (student)	Awarded the recognition of being the “Best Leader Of Opposition” YPC(District level)	2014-15)
5.	Sukanya Tar(student)	Awarded the recognition of being the “best Leader of Ruling Party”, YPC(District level)	2014-15
6.	Munni Das(student)	Awarded the recognition of being the “best Leader of Ruling Party”, YPC(District level)	2015-16
7.	Sneha Routh(student)	Awarded the recognition of being the “best Speaker”, YPC(District level)	2015-16

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. M.Yasin, Department of Political Science, NBU Prof. Ashutosh Sarkar (Reader, Department of Agriculture) 3.Prof. P.K.Pal (Sr. Lecturer, Department of Agriculture)	State Level Seminar On the topic” Performance Of Third Generation Panchayats In North Bengal”	2010	UGC

22. Student profile programme/course wise :

Year	Applications received	Selected	Enrolled*	Pass %
2012-13	300	36	36	87%
2013-14	275	36	36	96%
2014-15	280	38	38	100%
2015-16	300	42	42	-

29. Diversity of Students: 98%from the same state,2% from other states

30. How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc?. Data not found

31. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-11	--	Nil	Nil	Nil
2011-12	--	Nil	Nil	Nil
2012-13	---	Nil	Nil	Nil
2013-14	--	Nil	Nil	Nil
2014-15	25	Nil	Nil	Nil

26. Infrastructural facilities:

a) Library:

Central Library (Total): 5016.

Departmental Library: 430

Book Bank: 30

Books on Environmental Science in Book Bank: --Nil

Journals in Book Bank: --Nil

b) Internet facilities for Staff & Students: Teachers do have an access to the Internet facility.

c) Class rooms with ICT facility: Nil.

d) Laboratories: NA

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years:

For a comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Not Known

Department conducts educational excursions almost every year, the list of which are given below:

No.	Place	Year
1.	Mechuabasti(Jaigaon)	2014
2.	Totopara	2015
3.	Hatipota& Jayanti	2016

29. Teaching methods adopted to improve student learning:

- News Reading and Paper Presentation Sessions are held to make the students acquainted with international, national and local news.
- Organizing tutorial and remedial coaching classes,
- Motivating students to participate in different seminars organized by other educational institutions.
- Students are taken for educational tours.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS Unit of the College and taking part in College Annual Social as well as other College events.

31. SWOC analysis of the department and Future plans:

Strength:

- Consistently good performance of the students in University Examinations.
- The Department houses a rich stock of books in both Central and departmental library.

Weakness:

- The Department immediately requires full time faculty in the vacant posts for effective handling of the syllabus.
- Absence of Non-teaching staff.

Opportunities:

- Graduates from the department have scope of working in different fields like Media, Law, Management courses and Administrative Service.
- Students facing problems in different fields can freely discuss about those and faculties help to overcome their problems through personal Counseling.
- A rich stocked seminar library exists to cater to the needs of the students.

Future Plans:

- Though the department feels proud of the performance of its students academically, it aims to maintain the present status and to improve it further.

DEPARTMENT OF SANSKRIT

1. Year of Establishment: UG: 1888, PG: 2007.
2. Names of Programmes: UG (Honours& General)& PG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) :UG Course :
Annual Under affiliation of North Bengal University.
PG Course: Semester, Up to 2014 under affiliation of North Bengal University from 2014-15 session under affiliation of CoochbeharPanchananBarma University.
5. Participation of the Department in the courses offered by other Departments: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

Sl. No.	Courses	Name of the collaborating Universities/industries etc
1.	Spoken Sanskrit Course (2011)	Sanskrita Bharati



Valedictory session of Spoken Sanskrit Course

7. Details of courses/programmes discontinued (if any) with reasons: **Nil**.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	2	0
Associate Professor	-	0
Assistant Professor	7	5

9. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
Amrita Ghosh	M.A.	Assistant Professor	Indian Philosophy	6	Nil
Arup Das	M.A.	Assistant Professor	Veda	01	Nil
Kalyan Panda	M.A.	Assistant Professor	Veda	01	Nil
Durbadal Mandal	M.A.,B.Ed.	Assistant Professor	Indian History, Epigraphy & Palaeography	01	Nil
Sushovan Chatterjee	M.A., M.Phil.	Assistant Professor	Veda	01	Nil
Ajoy kumar saha	M.A,	Part time teacher		15 years+	Nil

Transferred Teaching Faculty:

Dr. Debomitra Day (Transferred in June, 2015)	M.A., Ph.D.	Assistant Professor	Indian Philosophy (Nyaya-vaishesika)	8 years	Nil
Aditi Bhattacharyya (Transferred in November, 2014)	M.A., M.Phil.	Assistant Professor	Veda	5 years	Nil
Dr. Onkar Nath Pathak (Transferred in February, 2013)	M.A., Ph.D.	Assistant Professor	Grammar	11 years	Nil

Retired Faculty:

Dr. Kishor Kumar Rarhi	M.A., Ph.D	Professor in Linguistics	Tibeto-Burman Linguistics, Language Teaching, Historical Linguistics.	35	Nil
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10. List of senior visiting faculty: Ajoy kumar saha

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: General classes in morning section are 100% taken by temporary faculty.

12. Student -Teacher Ratio (programme wise): UG Level - 17:1

PG Level - 6:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: Nil

15. Research Centre/ facility recognized by the University: Nil.

16. **Publications:**

Amrita Ghosh

National Journal

- 1) Kautilya's view on Wasteland Management: Its Contemporary Relevance, Shodhasamiksa, Vol.2, Issue No.2. July-December 2012.
- 2) Buddhist Grammarians as the Introducer of New Systems of Sanskrit Grammar (Based on Sanskrit and Tibetan Sources), pp.94-99, Victorian Journal of Arts, (ISSN: 0975-5632) Volume VI, No-1, A.B.N.Seal College, Coochbehar, September, 2013.
- 3) Wildlife Conservation and Management: Some Reflections from Kautilya's Arthashastra, Victorian Journal of Arts, (ISSN: 0975-5632) Volume -VII, No-1, pages 89-92, A.B.N.Seal College, Coochbehar, September, 2014.

As A Chapter in Book:

- 1) *Na-ManusiJiban: Svikriti o Suraksa : DharmashastrerPreksite*, pages 97-105, Nibodhani, Sanskrita PustakBhandar, Kolkata, 2012, ISBN-978-93-83368-65-5.
- 2) *YogavasisthaRamayanerAlokeMuktirSadhan*, pages 216-222, *Sanskriti-Gauravam*, Dr.Sukhamay Bhattacharya Felicitation Volume on Sanskrit and Indian Cultural Studies, Publication Committee, Shilchar, 2014, ISBN : 978-81-908206-9-3.

Paper Presented In International Conference:

- 1) Presented a paper titled as *BharatiyaSadhanarDharayMaitribhavana: Prasanga O Paryalochana* in the International Seminar organized by Department of Sanskrit and Philosophy, Sidho-Kanho-Birsha University, Purulia, West Bengal, on 29th-30th April, 2014.

Paper Presented In National Conference:

- 1) Presented a paper titled as 'Reflection of Didactic Thoughts in Aryasura's Jatakamala' in a UGC sponsored National Seminar organized by the Dept. of Sanskrit, Pali and Prakrit, Visva-Bharati, Shantiniketan on March, 2013.
- 2) Presented a paper titled as '*SamakalinSamajikPreksapate Swami Vivekanander KarmayogatattwaParyalocana*' in a UGC sponsored National Seminar organized by the Dept. of Commerce and Economics, Coochbehar College, Coochbehar on April, 2013.

3) Presented a paper titled as ‘*Vedatantrayohsambandhavicarenavedarthavicaraprasange Anirvanamatasamiksa*’ in the National Seminar organized by the Dept. of Sanskrit, Pali and Prakrit, Visva-Bharati, Shantiniketan on February, 2014.

4) Presented a paper titled as ‘Glimpses of Consumer Rights in Ancient India(with special reference to the *Dharmashastras*’ in a UGC sponsored National Seminar organized by the Dept. of Political Science ,ShitalkhuchiCollege,Coochbehar,WestBengal,on March,2015.

Participation in National Conference:

1) Participated in a UGC Sponsored Seminar organized by the Women Cell, AcharyaBrajendraNath Seal College,Cooch behar on November,2010.

2) Participated in a UGC Sponsored National Seminar organized by the Dept. of History and Economics, Acharya Brojendra Nath Seal College, Coochbehar on December,2010.

Durbadal Mandal

International Seminar:

Published a paper titled as “ Human Values and Philosophy, Religion and Culture “ on ‘ Human Values in Indian perspective ‘ by the department of Sanskrit & Philosophy organized by Sidho-Kanho-Birsa University, Purulia,W.B., India on 29th& 30th April, 2014.(ISBN: 978-81-929882-7-6)

Seminar Attend

International Seminar:

Attend a seminar on “VartamansamayeSanskritavidyayahprayojanamavasyakata cha” organized by University of Calcutta, on 09th -11th January, 2014.

Presented Paper:

National Seminar:

1. Presented a paper titled as “Ends of life in Religion and Purusarthas” in a one day national seminar by the Department of Philosophy & Sanskrit organized by Sidhu-Kanho-BirsaUniversity, Purulia,W.B.,India on 20th May,2015. State Level Journal :

2. Published a paper titled as “ASHOKA LEKHO O ANYANYA KICHU BHARATIYA SAHITYA”(ASHOKAN EDICTS AND SOME OTHER INDIAN LITERATURES)” organized by Acharya Brojendra Nath Seal College,Cooch Behar,West Bengal,India. ISSN: 0975-5632, VOL. VIII,NO.I,July in 2015.

Kalyan Panda

Paper Presentation:

1. Paper presented in International Seminar held on april 29 && 30 april 2014, organized by Department of Sanskrit, SIDHO-KANHO-BIRSA-UNIVERSITY, PURULIA.The title of paper is “AdyatveRgvedanihita – MulyabodhasyaPrasangikata”, (ISBN :978-81-929882-7-6.)

2. Paper published in International Journal Of Multidisciplinary Educational Research.The Title of paper is ‘RGVEDIYAMANTRABHAGE DAIVATACINTA’. IJMER, NOV.-2014,ISSUE-11,VOL-3.

State Level Journal:

Published a paper titled as“ Bangla Sahitye Sanskriter Uttarahdhar” organised by Acharya Brojendra Nath Seal College (Govt.),Cooch Behar,West Bengal. Issn: 0975-5632, Vol. Viii,No.i,July in 2015.

Sushovan Chatterjee

National Journal

Panchamahaayajnaswarupam :Sanskrita-Bharati, Departmental Journal, Department of Sanskrit, Calcutta University, ISBN 978-93-5156-053-4,pages 99-112, Kolkata, 2013.

State Level Journal

Published a paper titled as “GITAY KARMAYOGA” organized by Acharya Brojendra Nath Seal College ,Cooch Behar,West Bengal,India. ISSN: 0975-5632, VOL. VIII,NO.I,July in 2015.

Arup Das

State Level Journal

Published a paper titled as “MRICCHAKATIKAM PRAKARANE MANABADHIKAR CHARCHA” organized by Acharya Brojendra Nath Seal College ,Cooch Behar,West Bengal,India. ISSN: 0975-5632, VOL. VIII,NO.I,July in 2015.

Dr. Debomitra Dey

National Journal

1) Theories of Illusion in Indian Philosophy: Victorian Journal of Arts, (ISSN: 0975-5632) Volume -6, No-1, pages 87-93, A.B.N.Seal College, Coochbehar, 2013.

2) Niti O Naitikata: MahabharaterDristite: Victorian Journal of Arts, (ISSN: 0975-5632) Volume -7, No-1, pages 113-115,A.B.N.Seal College, Coochbehar, September ,2014.

As A Chapter in Book:

1) Influence of Nyaya views on Indian Rhetoric: A Brief Analysis, Language and Aesthetics, (ISBN 81-7211-320-X978-81-7211-320-9), pages 125-144, Northern Book Centre, New Delhi, 2013.

2) Bangla ganeBnadhu: PrayogerTatparya: Smarak Grantha(A.B.N.Seal College), (ISBN 978-93-83018-17-8), pages 103-104, A.B.N.Seal College, Coochbehar, February, 2014.

3) Pauttalikata: SvamiVivekananderDristite: Vishaya Vivekananda, (ISBN 978-9383-590-353), pages 99-104, BangiyaSahityaSamsad, Kolkata, March, 2014.

4) The concept of worship from the perspective of Swami Vivekananda: Relevance of Swami Vivekananda in 21st Century, ISBN 978-93-83368-92-1, pages 82-90, Sanskrit PustakBhandar, Kolkata, 2014.

5) Definition of Valid Knowledge of Udayanacharya: An Analysis: Knowledge-Source (Pramana) and its Logical Implications: A Gateway to Thought Process, pages 63-76, Rachayita, Kolkata, 2015.

6) Role of Ethics and Moralityin Society, Government and Governannce: Ami Apni o NitirSvalpakatha, (ISBN 978-93-82623-25-0), pages 201-206, Readers Service, Kolkata, 2015.

International Journal

1. A Buddhist Critique of Svabhāvavāda: Nagoya Studies in Indian Culture and Buddhism, Sambhasa,(ISSN-0285-7154) Vol- 30, pages 14-26, Nagoa University, Japan, 2013.

2. The Vedanta Theory of Illusion: Dialogue and Universalism, Volume 5, Number6, ISSN NO 21604339, pages 1-16, 2014 . (E-journal).

3. Definition of Valid Knowledge of Udayanacharya: An Analysis, Philosophy of Education, Vol-7, Scientific Journal, (Special Issue), Novosibirsk State Pedagogical University,Institute of Philosophy and Law of the Siberian Branch of the Russian Academy of Sciences, PI NO.-7712553, Novosibirsk, Russia, 2014.

4. Synonyms of Error: A Nyaya Approach: International Journal of Decision Ethics (IJDE), (ISBN 978- 1-59267-152-6, ISSN-1557-9417), Vol-IX.2, pages 143-161, Sponsored by Oxford University, UK, Summer, 2014.

Book Review

- 1) CarvakaDarsana: Alochanarparisare: Pariprashna, Volume-8, Year-8th, pages 92-94, Pavlov Institute, Kolkata, May, 2014.
- 2) Samaj, sahyadarshan: eksutre: Sanskritksamamay, RNI Regn No. 48333/90, Volume XXVI, No.2, October, 2014.

Published Book: One.

- 1) BharatiyaDarshan: Astik O NastikPrasthanasamuha: ISBN 978-81-317-8864-6 , pages 176, Published by Pearson , Kolkata, 2014.

Paper Presented

Paper Presented In National Conference/ Workshop

- 1) Presented a paper titled as ‘The Symbol Worship in Indian Philosophical Tradition and Swami Vivekananda’s Thought’ in a UGC sponsored National Seminar on Relevance of Swami Vivekananda in 21st Century organized by Dept. of Philosophy Raiganj, in the year 2013.
- 2) Presented a paper titled as ‘The Concept of Worship from the perspective of, Raiganj College (University College), Swami Vivekananda’ in a UGC sponsored National Seminar organized by the Dept. of Economics and Commerce, Coochbehar College (University College), Coochbehar in the year 2013.
- 3) Presented a paper titled as ‘ Pramalakshana in Udayana’sNyayakusumanjali’ in a UGC sponsored National Seminar organized by Dept. of Philosophy, Vidyannagar College, Kolkata in the year 2013.
- 4) Presented a paper titled as ‘Dharma: Meaning and Its Modern Day Relevance’ in a UGC sponsored NationalSeminar organized by the Dept. of Sanskrit, Raiganj College (University College), Raiganj, in the year 2013.

Aditi Bhattacharyya

National Journal

- 1) PrajnanaloksadrishaVaidikRishi : Victorian Journal of Arts (ISSN: 0975-5632), Volume-III, Number – I, Page – 52 , A.B.N.Seal College, Coochbehar, May 2010.

- 2) Rik-pratishakhyasyaAlokeVaidik-rishinamBhashagatabaishishtyam: Victorian Journal of Arts (ISSN: 0975-5632), Volume-IV, Number – I, Page – 54 , A.B.N.Seal College, Coochbehar, March 2011.
- 3) The Mahabharata in Rabindranath’s Poem : Victorian Journal of Arts (ISSN: 0975-5632), Volume-V, Number – I, A.B.N.Seal College, Coochbehar, August 2012.
- 4) Veda-vidyayamvartikasyaabadanam : Victorian Journal of Arts (ISSN: 0975-5632), Volume-VI, Number – I, Page – 168 , A.B.N.Seal College, Coochbehar, September 2013.
- 5) VaidikSahityeBratyagan – EktiParyalochana : Victorian Journal of Arts (ISSN: 0975-5632), Volume-VII, Number – I, Page – 124 , A.B.N.Seal College, Coochbehar, September 2014.

As A Chapter in Book:

- 1) Mahabharateyangakatrha :*Puspitagra* (peer reviewed), Editor – Dr.DidhitiBiswas , Publisher –: ISBN 987-93-83368-89-1, pages 176, Published by Sanskrit PustakBhandar, Kolkata, 2014.

Paper Presented In National Conference/ Workshop/ Seminar / Symposia

- 1) Presented a paper titled as ‘Mahabharata in Rabindranath’s poem’ in a National Seminar on Exploring new horizons of translations : History, theory & practice organized by Dept. of English, A.B.N.Seal College, Coochbehar In collaboration with The Dept of English, Thakur PanchananMahila Mahavidyalaya,2012.
- 2) Presented a paper titled as ‘MahakavyikAlokesamriddhaVaidikPuratattwa – EktiSamiksha’ in a international Seminar on Historians and Historiography of India: Dimensions and Perspectives(focus on Eastern and North east India) organized by the Dept of History, A.B.N. Seal College, coochbehar In Collaboration with The Dept of History, North Bengal University,2012.
- 3) Presented a paper titled as ‘ SamskritabhaviveBhavita Vivekananda’ in a National Seminar on Relevance of Swami Vivekananda in the present social & economic scenario organized by Dept. of Economics & commerce , coochbehar College in collaboration with Ramkrishna Math , Coochbehar,2013.
- 4) Presented a paper titled as ‘RishikaviderdrishtiteDanerMahima’ in a International Seminar on Human Values in Indian Perspective organized by the Sidho-kanho-birsha University , Purulia,2014.

Onkar Nath Pathak

- 1) UpamakaLakshanaekSamanvatmakanushilan by ON Pathak& K N Pathak on e-Journal Nikasa (ISSN - 22776826),Vol.-1, Issue -3 ,in 2012.

- 2) PaniniyaVyakarane Moksha Vicharah : Victorian journal of Arts , Vol. – III, No. – 1, May, 2010.
- 3) Paribhasapradiparcih published by Sanskrit PustakBhandar (no ISBN No.), Kolkata, 2010.

Paper Presented In National Conference/ Workshop/ Seminar/ Symposia

- 1) Presented a paper titled as ‘Mahabharata in Rabindranath’s poem’ in a National Seminar on ‘Srimadbhagabatgita and Modern Society’ organized by Saldiha College, Bankura on 15th – 16th March, 2011.

Retired Faculty

Dr. Kishor Kumar Rarhi:

Attendance in Seminar / Conference / Workshop:

- i) As an expert in Linguistics delivered six lectures on language teaching and language teaching methodology for teaching Tiwa Language at N.E.R.C.L., Guwahati, conducted by Central Institute of Indian Languages, Mysore, Govt. of India on 22nd to 24th of July, 2015.
- ii) As an expert delivered ten lectures on teaching and testing methods for the teachers teaching Rajbanshi in the primary schools at Siliguri, W.B. conducted by C.I.I.L., Mysore, Govt. of India on 27-06-2015 to 02-07-2015.
- iii) Participated in International Seminar on common features in languages of sub-Himalayan West Bengal with a paper entitled “ In search of commoanality among the languages (Bhasa-Sajuja Sadhane)” and chaired a session, conducted by North Bengal University, Darjeeling on 29-03-2015 to 30-03-2015.
- iv) As UGC Nominee attended the First Advisory Committee Meeting of UGC at Dravidian University, Kuppam, Andhra Pradesh and interacted with the student and Research Scholars on 10-03-2015 to 12-03-2015.
- v) As a chief speaker in the Bhasacharya Suniti Kumar Chatterji Memorial Lecture delivered a lecture on Ethno linguistic Movement in India with special reference to Boro/Boro movement in Assam conducted by Boroland University, Kokrajhar, Assam on 16-12-2014.

Publications:

- i) Questions and Interrogative Sentence Patterns in Bengali, Victorian Journal of Arts, Vol-VII, 2015.
- ii) An article entitled “Some Special Moments Come Unannounced” published in the Silver Jubilee issue of the Journal published by Amguri College, Sibsagar, Assam under Dibrugarh University, Assam.

Book: One

1) An Introduction to Bengali Script: Reading and Writing, February, 2013.

Article:

1) Segmental phonology of Meitei: May, 2013.

2) Meitei Phonology : A Generative Approach.

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards:

1. Prof. Kishor Kumar Rarhi –i) Life Member, Vashistha Institute, Cooch Behar.

ii) UGC Member , Dravidian University, Kuppam.

iii) E.C. Member, Vidyasagar University.

iv) U.G.B.O.S. Member , Calcutta University.

2. Dr. Debamitra Dey- i) Life Member, Asiatic Society, Kolkata.

ii) Member, Indian Society for Buddhist Studies

iii) Member, International Society for Universal Dialogue,

iv) Member, Editorial Board, Victorian Journal of Arts, A.B.N.

Seal College, Coochbehar, 2013-14.

v) P.G. B.O.S. Member, North Bengal University, 2013-2015.

3. Amrita Ghosh- i) P.G. B.O.S. Member, North Bengal University, 2010-2014.

ii) U.G. B.O.S. Member, Cooch Behar Panchanan Barma University, 2016-

4. Aditi Bhattacharyya -i) P.G. B.O.S. Member, North Bengal University, 2010-2014.

5. Onkar Nath Pathak -i) P.G. B.O.S. Member, North Bengal University, 2006-2012.

ii) Chairman, U.G. B.O.S., North Bengal University, 2005-2012.

19. Student projects

a. Percentage of students who have done in-house projects including inter departmental/programme:

i. 100% students of the M.A. programme prepare Small Research Projects, Term Papers and Review works and present Seminar paper as mandatory Course work.

b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Gouri Sarkar	Awarded Gold Medal for 1 st Class 1 st rank in M.A. Final, from North Bengal University.	2011
2	Aindrila Sinha	Awarded Gold Medal for 1 st Class 1 st rank in M.A. Final, from North Bengal University.	2012
2	Rumki Sutradhar	Awarded Gold Medal for 1 st Class 1 st rank in M.A. Final, from North Bengal University.	2013
3	Runa Debnath Sarkar	Awarded Gold Medal for 1 st Class 1 st rank in M.A. Final, from North Bengal University.	2014
4	Kamal Kr. Roy	Obtained 1 st Class 1 st in M.A. Final from Coochbehar Panchanan Barma University	2015
5	Gayatri Sarkar	Received Lilabati Sen Memorial Award being Best Arts Student in UG Final,2011, from A.B.N.Seal College and Pt. Markandeya Brahmachari Memorial Award for Highest Marks in Part III (Hons),Sanskrit.	2011
6	Mahadeb Das & Sayani Banarjee	Received Chanchala Devi Memorial Award for Highest Marks in Part I (Hons),Sanskrit, from A.B.N. Seal College	2011
7	Runa Debnath Sarkar	Received Pt. Chandrashekhhar Pathak Memorial Award for Highest Marks in Part II (Hons),Sanskrit, from A.B.N. Seal College	2011
8	Swayambha Das	Received Lilabati Sen Memorial Award being Best Arts Student in UG Final,2012, from A.B.N.Seal College and Pt. Markandeya Brahmachari Memorial Award for Highest Marks in Part III (Hons),Sanskrit.	2012
9	Gouri Sarkar	Dr. Sushil kr. Moitra Memorial Award being Best Student in PG Final(Arts),2011	2012
10	Mahadeb Das	Received Pt. Chandrashekhhar Pathak Memorial Award for Highest Marks in Part II (Hons),Sanskrit, 2012, from A.B.N. Seal College	2012
11	Biman Saha	Received Chanchala Devi Memorial Award for Highest Marks in Part I (Hons),Sanskrit, 2012, from A.B.N. Seal College	2012
12	Rinki Biswas	Received Bhabatosh Ghosh Memorial Award for Highest Marks in B.A. Part III (Hons),2012, in SC/ST Category from A.B.N.Seal College	2012
13	Aindrila Singha	Dr. Sushil kr. Moitra Memorial Award being Best Student in PG Final(Arts),2012 from A.B.N. Seal College	2013

14	Rumki Sutradhar	Dr. Sushil kr. Moitra Memorial Award being Best Student in PG Final(Arts),2013 from A.B.N. Seal College	2014
15	Kanika Barman	Received Lilabati Sen Memorial Award being Best Arts Student in UG Final,2015, from A.B.N. Seal College	2015
16	Kamal Kr. Roy	Dr. Sushil kr. Moitra Memorial Award being Best Student in PG Final(Arts),2015,from A.B.N. Seal College	2015
17	Malabika Debnath	Received Departmental Prize for Highest Marks in PartII (Hons) Sanskrit,2015 from A.B.N.Seal College	2015
18	Biplab Das	Received Departmental Prize for Highest Marks in PartI (Hons) Sanskrit,2015 from A.B.N.Seal College	2015

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. Lalita Chakraborty, Professor, Department of Sanskrit, Pali & Prakrit, Visva-Bharati	Invited Lecture	2011	UGC – CPE
2	Prof. Mrinal Kanti Ganguly, Ashutosh Professor, Department of Sanskrit, Calcutta University.	Gouri Nath Shastri Memorial Lecture	2012	UGC – CPE
3	Prof. Sarbani Ganguly, Professor, Department of Sanskrit, Jadavpur University.	Invited Lecture	2012	UGC – CPE



Eminent Scholar Prof. Mrinal Kanti Ganguly at Gouri Nath Shastri Memorial Lecture, 2012

22. Student profile programme/course wise:

Year	Applications received		Selected		Enrolled*		Pass		%	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
2011-12	587	135	35	25	27	23	26	23	96	100
2012-13	632	147	35	25	25	22	23	22	92	100
2013-14	558	145	43	25	24	21	24	21	100	100
2014-15	735	154	43	28	27	21	27	21	100	100
2015-16	780	200	50	28	50	28	-	-	-	-

23. Diversity of Students: 100% from the same state.

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

YEAR	NET	SET
2010-11	4	NIL
2011-12	2	1
2012-13	2	NIL
2013-14	4	2
2014-15	9	1

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M.Phil	PG to Ph.D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-11	67%(20)	Nil	Nil	W.B.S.S.C. – 14, Primary Teacher – 2, Assistant Professor -1.
2011-12	73%(19)	Nil	1 (JRF)	W.B.S.S.C. –4, Assistant Professor-1.
2012-13	78%(18)	1	1 (JRF)	Nil
2013-14	83%(20)	2	1	Nil
2014-15	89%(24)	Nil	Nil	Nil

26. Infrastructural facilities:

a) Library:

1. The Central library of this College has a total 5442 books for this Department.

2. Apart from the College Central Library, we have separate Seminar Library for our U.G & P.G. students with - 347 books.

Books on Environmental Science in Book Bank: **Nil**

Journals in Book Bank: **Nil**

b) Internet facilities for Staff & Students: Teachers do have an access to the Internet facility.

Department has its own Desktop Facility & Laptop Facility for staff.

c) Class rooms with ICT facility: **Nil**.

d) Laboratories: **NA**

27. Number of students receiving financial assistance from College, University,

government or other agencies: Please provide number year wise for last 4 years:

Year	Memorial Scholarship	Govt. of West Bengal Backward Classes Welfare Dept.	West Bengal Govt. Merit-Cum-Means Scholarship	Other agencies (Rashtriya Sanskrit Sansthan, New Delhi)
2011-12	05	No record found in office.	03	31
2012-13	01	No record found in office.	08	No record found in office.
2013-14	01	No record found in office.	No record found in office.	No record found in office.
2014-15	02	No record found in office.	No record found in office.	No record found in office.

28. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:

Sl. No.	Name of Speaker	Topic	Year	Type of lectures
1	Dr. Lalita Chakraborty, Professor, Department of Sanskrit,Pali&Prakrit,Visva-bharati.	Charvak& Yoga Darshan	2011	Special Lecture/Invited Lecture
2	Prof. Sarbani Ganguly, Professor, Department of Sanskrit,Pali&Prakrit,Jadavpur University.	Indian Poetics	2012	Special Lecture
3	Prof.Raghunath Ghosh, Professor, Department of Philosophy, North Bengal University.	Indian Philosophy(Nya ya-Vaishesika)	2012	Special Lecture
4	Dr. Prason Dutta Singh, Assistant Professor, Jamsedpur Workers' College, Jamshedpur,(a constituent Unit of Kalhan University,Jharkhand)	Lyric Poetry	2012	Special Lecture
5	Dr.Shyam Kumar Jha,Assistant Professor, Mathabhanga College, Coochbehar.	Epic Poetry	2012	Special Lecture

Department conducts an educational excursion each year:

Sl. No.	Venue	Year
1	Jayanti-Buxa	2011
2	Gosanimari	2012

29. Teaching methods adopted to improve student learning:

- Regular Lectures, Written assignments, tutorial classes for U.G. & P.G. students.
- Group discussion, Seminar Paper Presentation & Small Research Project for P.G. students.
- Guidance to the UG Students by Focus ,UG directional learning-2011.
- Using Audio-Visual Gadgets when necessary.

- Parent-Teacher meetings for academic & all-round development of the students.
- Special Guidance for development of Sanskrit writing skill.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS Unit of the College and take part in various College programmes like Independence Day, Republic Day, Annual Day Celebration, Freshers' Welcome programme etc. They also participate in various departmental Programmes like Sanskrit Day Celebration, Departmental Freshers' Welcome programme etc. A Departmental Wall-Magazine "Manthan" was published by the students up to 2014. The Bi-Annual publication of the Wall-Magazine titled as "Bharatibha" is started from 2015.



Prize received by the students of Sanskrit Department, Annual Day, 2015



Sanskrit Day Celebration and Freshers' Welcome, 2015

31. SWOC analysis of the department and Future plans:

Strength:

- Consistently good academic performance by the students of this department.
- Regular interaction & encouragement by the caring teachers to motivate the students.
- Regular guidance to the present & former students for higher studies & competitive examinations.

Weakness:

- Vacant full - time posts in the faculty and no provision of new recruitment of Part-time faculty.

- No sanctioned Non-teaching post to handle the enhancing workload of this P.G. department.
- Insufficient infrastructural facilities for this PG department, i.e. insufficient class rooms, lack of Seminar room etc.

Opportunities:

- Teachers are engaged in various research works & publish their research articles regularly in the reputed research journals.
- New building under construction will provide sufficient space to the department for future expansion.
- Applying to the government for sanction of Non-teaching post for the department.

Challenges:

- To fulfill students' multifaceted requirements apart from syllabus oriented teaching such as counseling them about how to combine their talents and expectations with the relevant career opportunities.
- To maintain the high standard of academics in PG along with UG Course.

Future Plans:

- To provide a number of computers & internet facilities for the students.
- To arrange a number of workshops & seminars related to the further higher studies.
- To provide ICT facility in the classrooms.
- Though the department feels proud of the performance of its students academically, it aims to maintain the present status and to improve it further.

DEPARTMENT OF BOTANY

1. Year of Establishment: 1965 (Botany General), 1989 (Botany Honours.)
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.

Sl. No.	Courses	Name of the collaborating Universities/industries etc
1.	NIL	-

7. Details of courses/programmes discontinued (if any) with reasons: Not Applicable.

8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	-	1
Assistant Professor	7	5

9. Faculty profile with name, qualification, designation, specialization (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of teaching experience	No. of Ph.D. Students guided for the last 4 Years
Dr. Binod Chandra Sharma	M.Sc., Ph.D.	Associate Professor	Microbiology	18+	4
Dr. Rajendra Prasad De	M.Sc., Ph.D.	Assistant Professor	Taxonomy and Biosystematics	14+	Nil
Mr. Nilay Kumar Maitra	M.Sc.	Assistant Professor	Plant Physiology & Biochemistry	9+	Nil
Mr. Alokemoy Basu	M.Sc.	Assistant Professor	Genetics	1+	Nil
Dr. Aninda Mandal	M.Sc., Ph.D.	Assistant Professor	Pteridology and Palaeobotany	04 Months +	Nil
Mr. Ajoy Das	M.Sc.	Assistant Professor	Molecular plant pathology and	03 Months +	Nil

			Fungal Biotechnology		
Mr. Manabendra Sharmadhikari	M.Sc.	Part time teacher		40 years+	
Mrs. Jayita Debnath	Msc.	Do		9 years+	

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
12. Student -Teacher Ratio (programme wise): 9:1
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled:3/1 (Technical Staff - 1)
14. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Two UGC Minor Research Projects (Total Grant Received Rupees five lakhs thirty thousand only)
15. Research Centre/ facility recognized by the University: Nil.
16. Publications: Please see below-

Article published in Journals

Nilay Kumar Maitra

1. Mukherjee A and **Maitra N.K.** 2012. Isolation and Characterization of Amylase Enzyme from Lichen *Parmelia* sp. Collected from Arunachal Pradesh. In Abstract publication of UGC Sponsored National Seminar on “ Recent Advances in Life Science Applicatipon”, Jointly organised by the Post Graduate Department of Zoology, Acharya B. N. Seal College, Cooch Behar and Department of Agricultural Entemology, UBKV. Pundibari, Cooch Behar 8th and 9th December 2012
2. Guchhait, S. and **Maitra N. K.** 2013. Partial Purification and Characterization of the Enzyme- Catalase of fungal origin. *B N Seal Journal of Science*. V(1): 65-71
3. **Maitra N. K.** and Sen P. K. 2014, Allelochemicals: Heliannuols from Sunflower and their Biogenesis. *B N Seal Journal of Science*. VI(1): 67 – 72
4. **Maitra N. K.**, Mukherjee A., Maitra M. and Sen P. K. 2015, Crude Analysis of Enzyme Amylase Isolated from the Lichen *Permelia* sp. *B N Seal Journal of Science*. VII(1): 71 – 80
5. **Maitra N. K.** and Sen P. K. 2016, Heliannuol – A: Different Methodologies for total Synthesis of Bioactive Sesquiterpene. In Abstract Volume of UGC – CPE

Assisted Interdisciplinary (Science) National Seminar on Frontiers in Science and Technology Towards National Development 10th to 11th April 2016.(Abstract)

6. **Maitra N. K.** 2016, Variability in Foliar Venation Pattern and Foliar Anatomy of some Genera of Asteraceae with Special Reference to Cooch Behar District. In Abstract Volume of UGC – CPE Assisted Interdisciplinary (Science) National Seminar on Frontiers in Science and Technology Towards National Development 10th to 11th April 2016.(Abstract)

Rajendra Prasad De

1. Ethno-medicinal Formulations against Abdominal and Colic pain in Paschim Mednipur district, West Bengal, India. **R.P. De**, Indian Journal of Plant Sciences; 2015;Vol4(4); pp. 63

Alokemoy Basu

1. **Alokemoy Basu**, Aruit Ghosh, Sutapa Pal, Moumita Basu, Prakash Karmakar, Bulganin Mitra and Pankaj K. Pal (2013). Pollination of the Mahogany Trees (*Swietenia mahagoni*) by an Ovipositing Thysanopteran Insect (*Priesneriola*). Bionotes, 15(3) 88-89.

2. **Alokemoy Basu**, Rajib Roychowdhury, Subhendu S. Bhattacharyya and Jagatpati Tah (2012). Estimation of Major Heavy Metals (Fe, Cu and Zn) in the Fruit part of Cucumis sativus L. World Journal of Science and Technology. 2(7) 1-3.

Aninda Mandal (After joining at A.B.N. Seal College)

1. Samanta A, Datta S, Datta AK, Maity TR, **Mandal A** and Das D (2015) Assessment of Cisplatin, Etoposide, Vinblastine and *Piper betle* Leaf Extract on Some Attributes of Cell Division in *Lathyrus sativus* L. Cytologia 80(4): 483-488. Doi: <http://doi.org/10.1508/cytologia.80.483> [The Japan Mendel Society; ISSN: 1348-7019 (online), 0011-4545 (print); IF=0.306, H Index: 20; Scopus, etc. indexed]

2. Datta A K, **Mandal A**, Das D, Gupta S, Saha A, Paul R and Sengupta S (2016) B Chromosomes in Angiosperm – A Review. Cytology and Genetics 50(1): 60–71. [Springer; ISSN: 0095-4527 (Print) ISSN: 1934-9440 (Electronic); IF = 0.282; Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, etc. indexed]

3. Biswas M, **Mandal A**, Hore M, Biswas S, Dey S, Biswas J, Mondal A, Mandal BK, Das P and Gupta S (2016) New Record of *Equisetum ramosissimum* subsp. *debile* from Lower Gangetic Plain, West Bengal, India and Conservation

Approach. Proceedings of the National Academy of Sciences, India Section B: Biological Sciences DOI: 10.1007/s40011-015-0698-3. [Springer; ISSN: 0369-8211 (Print) ISSN: 2250-1746 (Electronic); IF = 0.396; Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, etc. indexed]

4. Hore M, **Mandal A**, Biswas S, Dey S, Biswas J, Biswas M and Gupta S (2016) Seasonal profile of soil spore bank of ferns in a semi-natural forest of Hooghly district, West Bengal, India and its implication in conservation. *Journal of Plant Development Sciences* 8(1):7–10. [ISSN 0974-6382; NAAS Rating = 2.35; Thomson Reuters Science Citation Index Expanded, USA, etc. indexed].

5. Kumbhakar D V, Dattta A K, **Mandal A**, Das D, Gupta S, Ghosh B, Halder S and Dey S (2016) Effectivity of copper and cadmium sulphide nanoparticles in mitotic and meiotic cells of *Nigella sativa* L. (black cumin) – can nanoparticles act as mutagenic agent? *Journal of Experimental Nanoscience*. DOI: <http://dx.doi.org/10.1080/17458080.2016.1149236> [Taylor & Francis; ISSN: 1745-8080 (Print), ISSN: 1745-8099 (online); IF = 0.981; SCOPUS, Embase & Compendex, Inspec and Chemical Abstracts Service, etc. indexed]

Ajoy Das

1. Kamilya, P. & **Das, A.** 2012. Study of seedling morphology of some dicotyledonous climbers in relation to taxonomy in Dakshindinajpur district of West Bengal. *Pleione*. 6(1): 206-216

2. Kamilya, P., Das, A., **Das, A** & Sarkar, A. Comparative analysis of major phenotypical traits of some Dicotyledonous weed seedlings of crop fields of Balurghat Block, Dakshindinajpur, West Bengal. *Pleione* 9(1): 107 - 118. 2015

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Nil

19. Student projects

m) Percentage of students who have done in-house projects including inter departmental/programme: Nil.

n) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students: NA

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding: NA

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2012 - 13	350	24	24	100
2013 - 14	400	24	24	100
2014 - 15	425	28	24	100
2015 - 16	426	30	25	-

23. Diversity of Students: 100% from the same state

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. Data not available

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed/Campus selection/ other than campus recruitment/ Entrepreneurship / self employment
2010-11	10%	6%	Nil	Nil
2011-12	30%	Nil	Nil	Nil
2012-13	40%	Nil	Nil	Nil
2013-14	70%	Nil	Nil	Nil

26. Infrastructural facilities:

a) Library: The departmental library has a total of 248 books

Central Library (Total): 1707

Departmental Library: 248

Book Bank: Does not exist

Books on Environmental Science in Book Bank: Does not exist

Journals in Book Bank: Does not exist

b) Internet facilities for Staff & Students: Teachers, Staff and Students do have an access to the Internet facility.

c) Class rooms with ICT facility: Yes

d) Laboratories: 3

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years: For a comprehensive idea regarding this matter , please consult Annexue IX

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

Department conducts an educational excursion each year:

Sl No.	Venue	Year
1	Jhalang Rasamati, UVKV	2011
2	Fanshkhawa, UVKV	2012
3	Tapurhat, UVKV	2013
4	Sevak, UVKV	2014
5	Sevak, UVKV	2015
6	Madari hat, Raja Bhat Khawa, UVKV	2016

29. Teaching methods adopted to improve student learning:

- Organizing tutorial classes,
- Motivating students to participate in different seminars organized by other educational institutions.
- Students are taken for educational tours.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS Unit of the College and taking part in College Fests.

31. SWOC analysis of the department and Future plans:

Strength:

- Separate laboratories for all UG
- Well equipped laboratories for UG
- Internet facilities for teachers and students
- Experimental garden
- Department conducts departmental committee meeting regularly and major decisions are passed through the meeting
- Political Science as an academic discipline is relevant as it reflects both the philosophical knowledge (Western, Marxist and Indian) as well as the political concepts, existing and emerging.
- The students are taken personal care of, and a healthy teacher-student relationship exists in the Department.

Weakness:

- Inadequate Departmental space
- The Department requires one more full time faculty in the vacant posts.
- Transferable service of teachers as per Govt. rules.
- Need to consider specialization of teachers at the time transfer by the Govt.
- Requirement of additional number of supporting (non-teaching) staff

- Creation of Central instrumental facilities in the department
- Organization of more seminars and workshops for teachers and students
- Intend to organize skill development programmes for the students

Opportunities:

- To develop a proper Herbarium and an Orchidarium
- To develop Research centre
- Improvement of Library.

Challenges:

- Those who successfully complete their Masters in Botany can join academics
- To promote hard work and uplift the scholastic capacities of students through appropriate motivation is a major challenge.
- To cultivate research aptitude in UG students is yet another challenge
- Some of the students of the department feel stressed due to societal pressures which puts an impact on their studies. They also face problem in adjusting with the prevailing circumstances. These students can come up to the teachers and discuss about their problems.

Future Plans:

- To organize seminar and workshop in the Department.
- To intensify research activity in the department.
- To arrange frequent visits to Research Institute.
- Submit research projects for financial assistance.
- To establish a medicinal and aromatic plant garden.
- The department has also planned to register flora and traditional knowledge about the plants of Cooch Behar Sub-division in collaboration with Bengal Biodiversity.

DEPARTMENT OF CHEMISTRY

1. Year of Establishment: 1969
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc.

Sl. No.	Courses	Name of the collaborating Universities/industries etc
	Nil	-

7. Details of courses/programmes discontinued (if any) with reasons: Nil.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	-	1
Assistant Professor	8	7

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
Ramkrishna Pramanik	M.Sc., Ph.D	Assistant Professor	Physical Chemistry	12+	Nil
Jibanananda Jana	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	12+	Nil
Rajarshi Chatterjee	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	8+	Nil
Srijit Das	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	8+	Nil
Suranjan Sikdar	M.Sc.	Assistant Professor	Inorganic Chemistry	Newly recruited	Nil
Debashis Kundu	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	Newly recruited	Nil
Totan Ray	M.Sc.	Assistant	Organic	Newly	Nil

		Professor	Chemistry	recruited	
Amar Hens	M.Sc.	Assistant Professor	Inorganic Chemistry	Newly recruited	Nil
Niloy Das	M.Sc. Ph.D.	Assistant Professor	Organic Chemistry	Transferred on March 2014	
Tuhin Ghosh	M.Sc. Ph.D.	Assistant Professor	Organic Chemistry	Transferred on December 2014	
Supriti Paul	M.Sc. Ph.D.	Assistant Professor	Organic Chemistry	Transferred on February 2015	
Tirtha Pada Majhi	M.Sc. Ph.D.	Assistant Professor	Organic Chemistry	Transferred on 2015	
Dilip Kumar Pal	M.Sc.	Part-time teacher		14 years+	Nil
Santosh Kumar Dhar	M.Sc.	Part-time teacher		14 years+	Nil
Barun Kumar Dutta	M.Sc.	Part-time teachers		30 years +	Nil

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
12. Student -Teacher Ratio (programme wise): 25:1 (U.G.)
13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: One UGC project is running (2015-16-2017). Grants sanctioned: 3,25,000/-
15. Research Centre/ facility recognized by the University: Nil.
16. Publications:

Dr. Tuhin Ghosh

(Article/s published in Journals)

1. Structural features and *in vitro* antiviral activities of sulfated polysaccharides from *Sphacelaria indica*, *Phytochemistry*, 2011.
2. Effect of some non functional surfactants and electrolytes on the chromium (VI) reduction by glycerol: A mechanistic study, *Tenside Surfactants Detergents*. 2012.

3. Xylo-oligosaccharides from Almond shell: Structural features and Immunostimulatory activity, *B.N. Seal Journal of Sciences*, 2011

4. Remembering Acharya: A brief life-sketch of Acharya Brajendra Nath Seal, *Victorian Journal of Arts* 2011.

Dr. Niloy Das

(Article/s published in Journals)

1. Insertion of a methylene group in a chromone system, *B N Seal J. Sci.*, 2010.

2. Effect of phosphorus tribromide on cyclopropane ring in cyclopropano chromanol: A ring expansion study, *B N Seal J. Sci.*, 2010.

3. Unfolding diminishes fluorescence resonance energy transfer (FRET) of lysine modified beta lactoglobulin: Relevance towards anti HIV binding, *Journal of Photochemistry and Photobiology B: Biology*, 2011.

4. Tryptophan dynamics in the exploration of micro-conformational changes of refolded β -lactoglobulin after thermal exposure: A steady state and time-resolved fluorescence approach, *Journal of Photochemistry and Photobiology B: Biology*, 2012.

5. Plant serine protease: Purification and Physicochemical Characterization, *B N Seal J. Sci.*, 2013.

Dr. Srijit Das:

(Article/s published in Journals)

1. Marie Currie: An Extraordinary Female Leader in Science, *Aureole*, 2011

2. Glimpses of Acharya Prafulla Chandra Roy's Chemical research, *B. N. Seal Journal of Science*, 2011

3. Coordination chemistry of azo based pyridyl containing ligands , *B. N. Seal Journal of Science*, 2013

Dr. Supriti Paul

(Article/s published in Journals)

1. Making and Breaking of 2-hydroxy phenyl imidazolidine spacer in a hexadentate Schiff base ligand, *B. N. Seal Journal of Science*, 2010

2. Pseudohalide Supported Mononuclear trans-Ni^{II} Complexes of Cationic and Neutral Dinitrogen Heterocycles., *Inorg. Chim. Acta*, 2010

3. Mono and bimetallic Co^{II} Schiff base complexes: Coordination induced ligand imidazolidine ring cleavage and stabilization, *Inorg. Chim. Acta*, 2011.

4. Aqua bridge cleavage and metal ion extrusion by thiocyanate anions in a dicopper

complex., *Inorg. Chim. Acta.*, 2011

Dr.Tirthapada Majhi

(Article/s published in Journals)

1. Benzazepines and Benzazocines: The ways to Reach; *B. N. Seal Journal of Science*, 2013.

2. A Spotlight on Dibenzofused Medium Ring Heterocycles; *B. N.Seal Journal of Science*, 2015.

Dr. Rajarshi Chatterjee:

(Article/s published in Journals)

1. Hydrated Potassium Cluster Based 2D Coordination Polymer of $\beta\text{-}[\text{Mo}_8\text{O}_{26}]^{4-}$: Design of a Supramolecular System with two Counter Cations; *B. N.Seal Journal of Science*, 2015.

Book Published:

1. Inorganic Chemistry: A Study Guide: Platinum Publishers: ISBN: 978-81-89874-28-5

Sri Suranjan Sikder:

(Article/s published in Journals)

1. Aqueous phase photodegradation of rhodamine B and p-nitrophenol destruction using titania based nanocomposites, *Adv. Mater. Lett.*, 2015

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Nil

19. Student projects

a. Percentage of students who have done in-house projects including inter departmental/programme:

All the 3rd Yr. Chemistry General students carry out Chemistry projects.

b. Percentage of students placed for projects in organizations outside the institution i.e.

in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Sl. No.	Name of Faculty/ Student	Award/ Recognition	Year
Faculty			
1	Dr. Niloy Das	Doctoral degree from Jadavpur University	2013
2	Dr. Tuhin Ghosh	Doctoral degree from Burdwan University	2013
3	Dr. Rajarshi Chatterjee	Doctoral degree from Jadavpur University	2013
4	Dr. Debasish Kundu	Eli Lilly Asia – Outstanding Thesis Award	2015
Students			
1	Tanmoy Sarkar	Obtained First Class First Rank in B.Sc. Final from North Bengal University	2014
2	Abdul Siraj	Obtained First class Second Rank in B.Sc. Final from North Bengal University	2014
3	Suchandra Bhattacharya	Obtained First class Second Rank in B.Sc. Final from North Bengal University	2013
4	Nilotpal Singha	Obtained First class Second Rank in B.Sc. Final from North Bengal University	2012
5	Mayukh Deb	Obtained First class Second Rank in B.Sc. Final from North Bengal University	2011

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Sl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. Manabendra Ray, IIT, Guwahati	National level	2012	UGC
	Prof. Amitabha Sarkar, IACS, Jadavpur, Kolkata			
	Prof. Biplab Mandal, IIT, Guwahati			
	Prof. Bhaskar Chakraborty, Sikkim Govt. College, Gangtok, Sikkim			
	Dr. Pratik Sen, IIT, Kanpur			
	Prof. Subhas C Bhattacharya, Jadavpur University, Jadavpur, Kolkata			
	Prof. Bimalendu Ray, Burdwan University, Burdwan			
	Dr. Debayan Sarkar, NIT, Rourkela			
2	Prof. Somnath Ghosh, Jadavpur University, Kolkata	Shantiswarup Bhatnagar Memorial Lecture	2012	UGC-CPE
3	Prof. Asish De, Sr. Professor, IACS, Kolkata	Acharya P C Ray Memorial Lecture	2011	UGC-CPE

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2011-12	224	22	22	80
2012-13	232	29	29	82
2013-14	248	28	28	79
2014-15	256	25	25	86
2015-16	240	23	23	-

23. Diversity of Students: Most from this state, few students also come from Assam.

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?.

Academic year	No. of students cleared NET exam:
2014-2015	01
2013-2014	02
2012-2013	06
2011-2012	No data
2010-2011	No data

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2015	75%	--	--	Nil
2014	75%	--	--	Nil
2013	80%	--	03	Nil
2012	70%	--	05	Nil
2011	75%	--	01	Nil

26. Infrastructural facilities:

a) **Library:** The departmental library has a total of 5343 books out of which 405 are in the departmental library. The rest 4938 are in the Central Library.

Central Library (Total): 5343

Departmental Library: 319

Book Bank: 140

Books on Environmental Science in Book Bank: 10

Journals in Book Bank: 66

b) Internet facilities for Staff & Students: Two computers in the department have internet connections.

c) Class rooms with ICT facility: Yes

d) Laboratories: 04

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 4 years:

For a comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Sl. No.	Name of Speaker	Topic	Year	Type of lectures
1.	Dr. Vivek Bagchi, Scientist, Institute of Nano-Science & Technology, Mohali, Chandigarh	Advanced Materials for energy Environment & Biological Applications	2015	Special Lecture

Department conducts an educational excursion under UGC-CPE programme:

SI No.	Venue	Year
1	Department of Chemistry, IIT Guwahati, Assam	2011

29. Teaching methods adopted to improve student learning:

- PPT presentations are used along with the usual chalk & talk method to interact with the students.
- Popular web-links are referred for clear conception of a topic.
- To improve students' learning, students are called for board work.
- During practical classes, teachers interact with each and every student.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities as a part of the NSS Unit of the College and taking part in various departmental programmes & College Fests.

31. SWOC analysis of the department and Future plans:

Strength:

- The department has just completed its 50th year in 2015. It is one of the major discipline in Pure Science. Best students from Science disciplines after completing their 12th standard opt for Chemistry (Hons.) in this College.
- The department is now running with its full teaching staff. A healthy teacher-student relationship is the major strength of this department.

Weakness:

- The Department is now running with a shortage of non-teaching staff members. There is no storekeeper, no compounder for a long time. The department immediately requires more non-teaching staffs in the vacant posts.

Opportunities:

- Those who successfully complete their Masters in Chemistry join in Research in different Universities/Institutions.
- A good number of students join in School Services through SSC.
- Students facing difficulties (both personal and regarding academics) can freely discuss their problems and faculties help them to overcome their problems through

Counseling.

Challenges:

- In this College a majority of students come from very poor, backward class family and are found to be the first generation learners of their family. It is really a challenge to accommodate and prepare them for higher study in a discipline like Chemistry.
- From the last year this College has its affiliation under a newly established University – Cooch Behar Panchanan Barma University. Students, specially their guardians are very much anxious to admit their children in this College under this new University which still now has no UGC recognition. This is thus a new challenge from the last year to get good students in the 1st Year class.

Future Plans:

- The Chemistry department is one of the best departments of North Bengal. Students' performance is satisfactory. To maintain the past glory and to improve it further is our ultimate goal.

DEPARTMENT OF MATHEMATICS

1. Year of Establishment: 1938
2. Names of Programmes: UG
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
Nil
6. Courses in collaboration with other universities, industries, foreign institutions,
etc. Nil
7. Details of courses/programmes discontinued (if any) with reasons: Nil
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor	-	1
Assistant Professor	5	3

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
Dr. Kalidas Das	M.Sc., Ph.D.	Associate Professor	Elasticity and Plasticity	15	8
Dr. Lakshmi Narayan De	M.Sc., Ph.D.	Assistant Professor	Operational Research	9	--
Amiya Biswas	M.Sc.	Assistant Professor	Number Theory	1	--
Md. Tausif Sheikh	M.Sc.	Assistant Professor	Fluid Mechanics	1	--
Dr. Swapan Kumar Choudhuri	M.Sc Ph.D	Guest Professor	Elasticity and plasticity	50	-----
Amal Kumar Barman	M.Sc.	Assistant Professor	Real analysis	Transferred, March, 2015	-

10. List of senior visiting faculty: Dr. Swapan Kumar Choudhuri
11. Percentage of lectures delivered and practical classes handled (programme

wise) by temporary faculty: 95%

12. Student -Teacher Ratio (programme wise): 18:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc.and total grants received: One UGC project of Dr. Kalidas Das, Rs. 2.10 lakhs

15. Research Centre/ facility recognized by the University: Nil

16. **Publications:**

Dr. Kalidas Das

2016

i) F. Mabood and K. Das. Melting heat transfer on hydromagnetic flow of a nanofluid over a stretching sheet with radiation and second-order slip. The European Physical Journal – Plus, Italy, (*Springer*), Impact factor-1.302(SCI), (2016) 131: 3

ii) K. Das, P. K. Kundu, T. Chakraborty. Slip effects on nanofluid flow over a non-linear permeable stretching surface with chemical reaction. Journal of Mechanical Engineering Science, UK ,(SAGE), Impact factor-1.302 (SCI), Online published, DOI: 10.1177/0954406215595654

2015

iii) K. Das, N.Acharya, P. K. Kundu. Investigation of different models of nanofluid on flow and heat transfer characteristics. Journal of the Korean Physical Society, Korea (*Springer*), Impact factor-0.418 (SCI), 67(7), 1167~1174

iv) P. K. Kundu, K. Das, S. Jana. Thermophoretic MHD slip flow over a permeable surface with variable fluid properties. Alexandria Engineering Journal. Egypt (Elsevier), Impact factor-0.23 (SCI), 54, 35–44.

v) P. K .Kundu, K. Das, S. Jana. MHD micropolar fluid flow with thermal radiation and thermal diffusion in a rotating frame, Bulletin of Malaysian math. Sci. Society, Malaysia (Springer), Impact factor-0.779 (SCI), 38, 1185-1205

vi) K. Das, P. R. Duari, P. K. Kundu. Nanofluid bioconvection in presence of gyrotactic microorganisms and chemical reaction in a porous medium. Journal of Mechanical Science and Technology, Korea (*Springer*), Impact factor-0.703(SCI), 29 (11), 4841~4849

- vii) P. K. Kundu, K. Das, P. R. Duari. Numerical simulation of nanofluid flow with convective boundary condition. *Journal of the Egyptian Mathematical Society, Egypt (Elsevier)*, 23, 435-439
- viii) K. Das, N. Acharya, P. K. Kundu, Radiative flow on MHD Jeffery fluid past a stretching surface with partial slip and melting heat transfer. *Alexandria Engineering Journal. Egypt (Elsevier)*, Impact factor-0.23 (SCI),54, 815–821.
- ix) K. Das, N. Acharya, P. K. Kundu. Soret and Dufour effects on MHD thermosolutal Marangoni boundary layer flow in presence of thermophoresis, *Acta Technica. Czech Republic*, 60 (2015), 237–252
- x) K. Das. Nanofluid flow over a non-linear permeable stretching sheet with partial slip. *Journal of the Egyptian Mathematical Society, Egypt (Elsevier)*, 23, 451-456
- xi) S.Jana, K.Das, Influence of variable fluid properties, thermal radiation and chemical reaction on MHD slip flow over a flat plate. *Italian Journal of Pure and Applied Mathematics, Italy*, 34, 29-44
- 2014
- P.K.Kundu, K.Das, S.Jana, Impact of chemical reaction on MHD mixed convection heat and mass transfer flow with thermophoresis, *Walailak Journal of Science and Technology. Thailand*, Impact factor-0.086, 11(2), 149-170
- xii) K. Das, P. R. Duari, P. K. Kundu. Solar radiation effects on Cu-water nanofluid flow over a stretching sheet surface slip and temperature jump. *Arab. Jour. Sci. & Engg, Saudi Arabia (Springer)*, Impact factor-0.328 (SCI) 39(12), 9015-9023.
- xiii) K. Das. Nanofluid flow over a shrinking sheet with surface slip, *Microfluidics and Nanofluidics. Germany (Springer)*, Impact factor-3.317 (SCI), 16(1), 391-401
- xiv) P. K. Kundu, K. Das, S. Jana. Unsteady MHD free convection flow near a moving vertical plate with ramped wall temperature. *International Journal of Fluid Mechanics Research , Russia (Begell House, Inc)* 41(1), 71-90, ISSN 1064-2277
- xv) K.Das. Convective slip flow of rarefied fluids over a permeable wedge plate embedded in a Darcy-Forchheimer porous medium. *The European Physical Journal – Plus. Italy, (Springer)*, Impact factor-1.302(SCI), 129, 50: 1-15

- xvi) K. Das. Influence of chemical reaction and viscous dissipation on MHD mixed convection flow, *Journal of Mechanical Science and Technology, Korea (Springer)*, Impact factor-0.703(SCI), 28 (5), 1881~1885
- xvii) K.Das. Flow and heat transfer characteristic of Nanofluids in a rotating frame. *Alexandria Engineering Journal. Egypt (Elsevier)*, Impact factor-0.23 (SCI), 53, 757-766
- xviii) K.Das. Radiation and melting effects on MHD boundary layer flow over a moving surface. *Ain Shams Engineering Journal. Egypt (Elsevier)*, Impact factor-0.362 (SCI),5, 1207-1214.
- xix) P.K.Kundu, K.Das, S.Jana. Nanofluid flow towards a convectively heated stretching surface with heat source/sink: A lie group analysis. *Afrika Matematika, South Africa (Springer)*, 25:363–377, ISSN 1012-9405
- xx) P. K. Kundu, K. Das, N. Acharya. Flow features of a conducting fluid near an accelerated vertical plate in porous medium with ramped wall temperature. *Journal of Mechanics, Taiwan (Cambridge University Press)*, Impact factor-0.333(SCI), 30(3): 277-288
- xxi) K. Das, P.R.Duari, P. K .Kundu. Nanofluid flow over an unsteady stretching surface in presence of thermal radiation. *Alexandria Engineering Journal. Egypt (Elsevier)*, Impact factor-0.23 (SCI), 53, 737-745.
- xxii) K.Das, Cu-water nanofluid flow and heat transfer over a shrinking sheet. *Journal of Mechanical Science and Technology, Korea (Springer)*, Impact factor-0.703(SCI), 28 (12) 5089~5094
- 2013
- xxiii) K.Das. Lie group analysis of stagnation point nanofluid. *Microfluidics and Nanofluidics. Germany (Springer)*, Impact factor-3.317(SCI), 15(2), 267-274
- xxiv) K.Das. Lie group analysis for nanofluid flow past a convectively heated stretching surface. *Applied Mathematics and Computation, U.S.A. (Elsevier)*, Impact factor-3.317(SCI), 221, 547-557
- xxv) K.Das. Effects of thermophoresis and thermal radiation on MHD mixed convective heat and mass transfer. *Afrika Matematika, South Africa (Springer)*, 24(4), 511-524, ISSN 1012-9405

xxvi) K. Kundu, K. Das, S. Jana. Combined effects of thermophoresis and chemical reaction on MHD mixed convection flow. *Journal of thermophysics and heat transfer*. USA (AIAA), Impact factor-0.739(SCI), 27(4), 741-747

xxvii) K.Das and S.Debnath. Influence of slip condition and heat transfer on MHD pulsatile flow of third order fluid in an asymmetric channel. *Afrika Matematika, South Africa (Springer)*, 24(4), 597-613

xxviii) K.Das. Mixed convection stagnation point flow and heat transfer of CU-water nanofluids towards a shrinking sheet. *Heat transfer-Asian Research*. Japan, Impact factor-0.170, 42(3), 230-242

xxix) K.Das, L. Zheng. Melting effects on stagnation point flow of a Jeffrey fluid in presence of magn(etic) field. *Heat transfer research*. Russia (Begell House Pub Inc, USA), Impact factor-0.078, 44(6), 493-506

xxx) K.Das, Numerical simulation on MHD flow of an electrically conducting micropolar fluid with chemical reaction, *Indian Jour. of Mathematics*. India, 55(2), 203-222.

xxxi) K.Das, A mathematical model on MHD slip flow and heat transfer over a non-linear stretching sheet. *Thermal Science*. Serbia, Impact factor-1.45(SCI), 17(2), 475-488

2012

xxxii) K.Das. Influence of thermophoresis and chemical reaction on MHD micropolar fluid flow with variable fluid properties. *Int. Jour. of Heat and Mass Transfer*, Netherlands (Elsevier), 55(11) 7166-7174, Impact factor-2.913(SCI).

xxxiii) K.Das. Slip effects on MHD mixed convection stagnation point flow of a micropolar fluid towards a shrinking vertical sheet. *Computers and Maths with Applications*. U.S.A (Elsevier) 63(1) 255-267, Impact factor-1.747(SCI)

xxxiv) K.Das. Impact of thermal radiation on MHD thermal boundary layer slip flow over a flatplate with variable fluid properties. *Heat and Mass Transfer*. Germany (Springer) 48(5)767-778, Impact factor-0.896(SCI)

xxxv) K.Das, Slip flow and convective heat transfer of nanofluids over a permeable stretching surface. *Computers and Fluids*, U.S.A. (Elsevier), 64: 34-42, Impact factor-1.859(SCI)

xxxvi) K.Das.Slip effects on heat and mass transfer in MHD micropolar fluid flow over an inclined plate with thermal radiation and chemical reaction. *Int . Jour. Num*

Methods in Fluids *New Jersey, USA (John Wiley & Sons Ltd.)* 70: 96-113, Impact factor-1.176(SCI)

xxxvii) K.Das and G.Saha. Pulsatile motion of blood in a circular tube of varying cross-section with slip flow, *Int. Jour. of Engg. Trans. B: Applications, Iran*, 25(1) 9-18, Impact factor-0.13

xxxviii) K.Das, MHD free convection flow of a radiating and chemically reacting fluid past an impulsively moving plate with ramped wall temperature. *Journal of Applied Mechanics. ASME. USA.*, 79(6) 061017-1-11, Impact factor-0.628(SCI)

xxxix) K.Das and S.Jana. A two layered blood flow model of Bingham type non-Newtonian fluid. *Int Jour. Appl. Mech. & Engg, Poland*, 17(1) 17-26, ISSN 1425-1655

xl) K.Das, Influence of slip and heat transfer on MHD peristaltic flow of a Jeffrey fluid in an inclined asymmetric porous channel. *Indian Jour. of Mathematics. India*, 54(1)19-45, ISSN 0019-5324

xli) K.Das. Slip effects on heat transfer and Peristaltic Pumping of a Johnson-Segalman fluid in an inclined asymmetric channel, *Arab. Jour. Maths, Saudi Arabia (Springer)*, 1(2) 159-174, ISSN 2193-5351

xlii) K.Das Simultaneous effects of slip conditions and wall properties on MHD peristaltic flow of a Maxwell fluid with heat transfer. *Jour. Sib. Fed. Univ. Math.& Phys Russia*. 5(3): 303-315, Impact factor-0.216

xliii) K.Das, Effects of slip and heat transfer on MHD peristaltic flow in an inclined asymmetric channel, *Iranian Jour. Math. Sci. & Infor. Iran*, 7(2) 35-52, ISSN 1735-4463

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xliv) K.Das. Effect of chemical reaction and thermal radiation on heat and mass transfer flow of MHD micropolar fluid in a rotating frame of reference. *Int. Jour. of Heat and Mass Transfer, Netherlands (Elsevier)*, 54(15-16), 3505-3513, Impact factor-2.913(SCI).

xlv) K.Das. A mathematical model on the consistency coefficient of the Herschel-Bulkley flow of blood through narrow vessel. *Arab. Jour. Sci. & Engg, Saudi Arabia (Springer)* 36(2), 405-413, Impact factor-0.224(SCI).

- xlvi) K.Das. MHD peristaltic pumping of a Johnson-Segalman fluid in an inclined asymmetric porous channel. *Indian Jour. of Mathematics. India. 53(2)*, 243-269, ISSN 0019-5324
- xlvii) K.Das. Hydromagnetic thermal boundary layer flow of a perfectly conducting fluid. *Turkish Jour.of Physics. Turkey 35(3)*, 161-171, Impact factor-1.06.
- xlviii) K.Das. Effects of heat and mass transfer on MHD free convection flow near a moving vertical plate of a radiating and chemically reacting fluid. *Jour. Sib. Feb. Univ.Math.& Phys., Russia, 4(1)* 18-31, Impact factor-0.216
- xlix) D.C.Sanyal, K.Das and S. Debnath. A model for flow of blood in an equally branched channel. *Jour.of Sci. & Engg. India, 7(2)*, 105-110.
- l) K.Das. Heat transfer on peristaltic transport with slip condition in an asymmetric porous channel. *Int.Jour.of Engg. Trans. B: Applications Iran. 24(3)*, 293-300, Impact factor-0.13.
- 2010
- li) D.C.Sanyal, K.Das and S.Debnath. On relative coefficients of viscosity of blood through narrow vessel. *Bull.Allaha.Math.Soc. India, 25(1)* 137-147, ISSN 0971-0493
- lii) K.Das and S.Jana. Heat and Mass Transfer Effects on the Unsteady MHD Free Convection Flow near a Moving Vertical Plate in Porous Medium. *Bull.Soc.Math.Banja Luka, Bosnia, 17(1)* 15-32, ISSN 0354-5792
- liii) D.C.Sanyal, K.Das and G.C.Saha. Hershel-Bulkley model for two phase blood flow in narrow vessel. *Int. J. Appl. Mech. & Engg, Poland, 15(1)*, 19-34, ISSN 1425-1655
- liv) K.Das and S.Jana , Unsteady free convection MHD flow past an infinite porous vertical plate. *IJMSEA, India, 4(2)*, 285-297, ISSN 0973-9424
- lv) K.Das, Exact Solution of MHD Free Convection Flow Mass Transfer Near a Moving Vertical Plate in Presence of Thermal Radiation, *African J. Math.Phys. Morocco, 8(1)* 29-41, ISSN 1050-5164
- lvi) K.Das and G.Saha, Mathematical Analysis on MHD Pulsatile Flow of Blood Through a Rough Thin-Walled Elastic Tube, *Appl. Math.Sci, Bulgaria,4(50)*, 2463-2473, Impact factor-0.275.

lvii) K.Das and R. Das, Effect of Radiation and Transpirations on Free Convection and Mass Transfer Flow Through a Porous Medium of a Chemically Reacting MHD Flow, *Jour. of Ind. Acad. Math. India* 32(2), 405-419, ISSN 0970-5120

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lviii) D.C.Sanyal, K.Das and S.Debnath, Some characteristics of blood flow in a stenosed artery, *Antarctica Jour. Math., India*, 6(2), 153-170, ISSN 0972-8643

lix) D.C.Sanyal, K.Das and S.Debnath, Effect of dust particles on the transport of air in trachea with time dependent pressure gradient, *IEEMS*, Egypt, 7(1), 145-162, ISSN 1687-6156

lx) K.Das and S.Jana, MHD free convection flow of a radiating and chemically reacting fluid, *Int.Jour.Engg. & Inter. Maths, India*, 1(1), 23-33, ISSN 0975-5322

lxi) K.Das and R. Das, MHD Free Convection Flow Near a Moving Vertical Plate in Presence of Thermal Radiation, *Mold. Jour. of Phy.Sci., Moldavia*, 8(3-4), 358-365, ISSN 1810-648X

lxii) K.Das and S.Jana, Three dimensional free convection MHD flow through a porous medium with periodic permeability, *Acta. Ciencia Indica India*, 35(4), 1333-13346, ISSN 0970-0455

lxiii) K.Das and G.C.Saha, Analysis on Relative Coefficient of Viscosity of Blood Through Narrow Vessel, *Antarctica Jour. Math. India*, 6(2), 113-129, ISSN 0972-8643

lxiv) K.Das and S.Jana, MHD Boundary Layer Flow and Heat Transfer of Viscoelastic Fluid Past a Stretching Plate Through a Porous Medium, *Int. J. of Theo.& Appl. Mech. India*, 4(1), 59-72, ISSN 0973-6085

lxv) D.C.Sanyal, K.Das and S.Debnath, Heat Transfer In a Two-Phase Blood Flow Model in a Narrow Tube in Presence of Magnetic Field, *African J. Math. Phys Morocco*, 7(1), 1-8, ISSN 1050-5164

lxvi) K.Das and G.C.Saha, Arterial MHD Pulsatile Flow of Blood Under Periodic Body Acceleration, *Bull.Soc.Math.Banja Luka, Bosnia*, 16(1), 21-42, ISSN 0354-5792.

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lxvii) K.Das and G.C.Saha, A two layered model for Hemodialyser, *Jour. of Ind. Acad. Math., India*, 30(2), 389-402, ISSN 0970-5120

lxviii) K.Das and S.P.Mondal, Effects of viscous and joulean dissipation on hydro-magnetic free convection flow over a heated surface, *Mold Jour.of Phy.Sci., Moldavia*, 7(4), 511-517, ISSN 1810-648X

lxix) D.C.Sanyal, K.Das and G.C.Saha, Effects of magnetic field on oscillating blood flow through an indented tube with atherosclerosis, *Int. Jour. of Math. Sci. and Engg. Appl. India*, 2(3), 11-23, ISSN 0973-9424

lxx) D.C.Sanyal, K.Das and S.Debnath, Pulsatile flow of biviscous fluid through a tube of varying cross-section, *Int. Jour. of Comp. Intel.& Bio. USA*, 1(1), 1-8, ISSN 0973-7413

A. Some earlier publications

lxxi) K.Das and D.C.Sanyal, Heat transfer in visco elastic conducting fluid over an infinite flat surface, *Ind. Jour. Theo. Phys. India*, 2007, 55(4) 279-288, ISSN 0019-5693

lxxii) D.C.Sanyal, K.Das and S.Debnath, Effect of magnetic field on pulsatile blood flow through an inclined circular tube with periodic body acceleration, *Jour. of Phy. Sci. India*, 2007, 11(1), 43-56, ISSN 0972-8791

lxxiii) K.Das and D.C.Sanyal, Stratified convective flow of a conducting fluid through an inclined porous channel, *Acta Ciencia Indica, India*, 2006, 32(3), 1167-1172, ISSN 0970-0455

lxxiv) K.Das and D.C.Sanyal, Hydromagnetic unsteady free convection flow past a hot vertical plate, *The Math. Edn. India*, 1996, 30(4), 227-236, ISSN 0047-6269

lxxv) K.Das and D.C.Sanyal, Slow flow of a conducting fluid past a non conducting porous sphere with variable permeability, *Czech.Jour. Phys., Czechoslovakia (Springer)*, 1994, 44(8), 737-743, Impact factor-0.42

lxxvi) K.Das and D.C.Sanyal. Hydromagnetic convecting slip flow through a horizontal channel, *Ind. Jour. Theo. Phys. India*, 1994, 42(1),63-72, ISSN 0019-5693

B. Accepted Paper:

lxxvii) P. K. Kundu, K. Das, N. Acharya, Effect of thermal radiation on MHD boundary layer flow of a perfectly conducting fluid. *Heat transfer research. Russia*, (Begell House Pub Inc, USA), Impact factor-0.078(SCI).

lxxviii) K. Das. Melting effect on MHD stagnation point flow of micropolar fluid towards a shrinking sheet with thermal radiation. *JAMTP*

lxxix) K. Das, N. Acharya, P. K. Kundu. Thin film flow over an unsteady stretching sheet with thermocapillarity in presence of magnetic fields. Thermal Science.

lxxx) S.Jana, K. Das, Slip effects on squeezing flow of nanofluid between parallel disks, International Journal of Applied Mechanics and Engineering, Poland (University Press)

lxxxi) K. Das, S. Jana. Cu-water nanofluid flow induced by a vertical stretching sheet in presence of a magnetic field with convective heat transfer. Propulsion and Power Research (Elsevier)

List of Books

i) D.C.Sanyal and K.Das: A Text Book of Numerical Analysis, Undergraduate (Hons.) and Postgraduate, U. N. Dhur and Sons Pvt. Ltd., Kolkata

ii) D.C. Sanyal and K. Das: Numerical Analysis , Undergraduate (General), U. N. Dhur and Sons Pvt. Ltd., Kolkata

iii) D.C. Sanyal and K. Das: Hydrostatics, Undergraduate (Hons.), U. N. Dhur and Sons Pvt. Ltd., Kolkata

iv) D.C. Sanyal and K. Das: Linear Programmemeing and Game Theory, Undergraduate (Hons.), U. N. Dhur and Sons Pvt. Ltd., Kolkata

v) D.C. Sanyal and K. Das: Linear Programmemeing, Undergraduate (General), U. N. Dhur and Sons Pvt. Ltd., Kolkata

vi) B.K. Pal and K. Das: Engineering Mathematics Vol. I-IV, B. Tech., U. N. Dhur and Sons Pvt. Ltd., Kolkata

vii) B.K. Pal and K. Das: B.C.A Mathematics Vol. I-IV, B. C.A., U. N. Dhur and Sons Pvt. Ltd., Kolkata

viii) B.K. Pal and K. Das: B.B.A Mathematics Vol. I, II, B. B.A., U. N. Dhur and Sons Pvt. Ltd., Kolkata

ix) K. Das: Numerical Methods (Theoretical and Practical), B.Tech., U. N. Dhur and Sons Pvt. Ltd., Kolkata

Dr. Lakshmi Narayan De

1) Lot streaming in a multistage flow shop with a random product life cycle considering shortages.

Page: 53-65, Journal: Advanced Modeling and Optimization, Vol: 9, No: 1(2007)
ISSN: 1841-4311

2) Probabilistic EOQ model for deteriorating items under trade credit financing .

Page: 335-346

International Journal of System Science, vol: 40, No. 4(april-2009) ISSN: 1464-5319

3) An EOQ model for deteriorating item with time dependent demand. B.N.Seal
journal of science, Vol: VI Issue : 1(September 2014) ISSN: 0975-5624

4) An Economic Production quantity model for deteriorating item with price,
stock and advertisement dependent demand: page: 14-21, B.N.Seal journal of science,
vol: VII, Issue:1(September-2015) ISSN: 0975-5624

Amiya Biswas

Nil

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards:

Dr. Kalidas Das:

Editorial Board: Technical Journal Reason, KGEC India

National Committee: Life Member of Calcutta Mathematical Society, Member of ISI
Kolkata Library

Dr. Lakshmi Narayan De:

National Committee: Life member of Indian Society of Non-linear Analysis, Kolkata

19. Student projects

5. Percentage of students who have done in-house projects including inter
departmental/programme: Nil

6. Percentage of students placed for projects in organizations outside the institution
i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Srl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Sourav Hossain	(i) University Medal for securing First position in Mathematics Hons. (ii) Phanibhusan Memorial Prize for getting highest score in North Bengal University exam. among all science students of this College. (iii) Sova Choudhuri Memorial prize for securing First position in Math. Hons.(Part-III) from this	2015

		College	
2	Rinki Paul	(i) Sova Chaudhuri Memorial prize for securing First position in Math. Hons.(Part-II) from this College (ii) She got First position in University Part-II examination.	2015
3	Madhab Barman	(i) Sitiesh Chandra Bhattacharya Memorial prize for securing highest marks among all Schedule Caste Hons. Students of the College (Part-II)	2015
4	Kallol Roy	(i) Sitiesh Chandra Bhattacharya Memorial prize for securing highest marks among all Schedule Caste Hons. Students of the College (Part-II)	2015
5	Raunak Adhikari	(i) Sova Chaudhuri Memorial prize for securing First position in Math. Hons.(Part-I) from this College	2015
6	Nabanita Dey	(i) Secured Second position in University Part-III exam (Mathematics Hons.) (ii) Phanibhusan Memorial Prize for getting highest score in North Bengal University exam. among all science students of this College. (iii) Sova Choudhuri Memorial prize for securing First position in Math. Hons.(Part-III) from this College	2014
7	Sourav Hossain	(i) Sova Chaudhuri Memorial prize for securing First position in Math. Hons.(Part-II) from this College (ii) He got First position in University Part-II examination.	2014
8	Priyabrata Paul	(i) Sova Chaudhuri Memorial prize for securing First position in Math. Hons.(Part-I) from this College	2014

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding: Nil

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2010-2011	356	50	31	90%
2011-2012	400	50	31	90%
2012-2013	403	50	31	95%
2013-2014	456	50	31	95%
2014-2015	428	50	33	96%

23. Diversity of Students: 100% from the same state

24. How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc?. Two(NET), Ten(JAM)

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M.Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-2011	60%	NIL	NIL	NIL
2011-2012	70%	NIL	NIL	NIL
2012-2013	75%	NIL	NIL	NIL
2013-2014	75%	NIL	NIL	NIL
2014-2015	80%	NIL	NIL	NIL

26. Infrastructural facilities:

a) Library:

Central Library (Total): 5402

Departmental Library: 200

Book Bank: Does not exist.

Books on Environmental Science in Book Bank: NA.

Journals in Book Bank: NA.

b) Internet facilities for Staff & Students: Teachers do have an access to the Internet facility.

c) Class rooms with ICT facility: No

d) Laboratories: 1(one) numerical laboratory

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 5 years:

Year	No of Students	Type of Assistance
2010-11	5	Rs 60000/- per annum(Inspire scholarship, Govt of India)
2011-12	8	Rs 60000/- per annum(Inspire scholarship, Govt of India)
2012-13	7	Rs 60000/- per annum(Inspire scholarship, Govt of India)
2013-14	6	Rs 60000/- per annum(Inspire scholarship, Govt of India)
2014-15	7	Rs 60000/- per annum(Inspire scholarship, Govt of India)

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

SRINIVASA RAMANUJAN MEMORIAL LECTURE

Organized by: Department of Mathematics, A.B.N.Seal College

Sponsored by: UGC, India under CPE scheme

Topics: Differentiation in R^n space

Speaker: Dr. Abhijit Banerjee, Associate Professor, University of Kalyani, Kalyani, Nadia

Date: 31st July, 2012

Time: 1pm to 3pm.

29. Teaching methods adopted to improve student learning:

- Paper Presentation Sessions are held to make the students acquainted with

teaching ability.

- Organizing tutorial classes,
- Organizing Remedial classes for SC/ST students.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS Unit of the College and taking part in College Fests.

31. SWOC analysis of the department and Future plans:

Strength:

- As Mathematics has logic base and interlink to all of sciences and arts, students can easily get their job in different field.
- The students are taken personal care of, and a healthy teacher-student relationship exists in the Department.

Weakness:

- The Department immediately requires more full time faculty in the vacant post.

Opportunities:

- Those who successfully complete their graduate in mathematics can take admission in masters in different University, NIT as well as IIT.
- Pass out students of Mathematics have scope of working in research, teaching, software industry etc.
- Students facing difficulties (both personal and regarding academics) can freely discuss their problems and faculties help to overcome their problems through Counseling.

Challenges:

- Some of the students of the department feel stressed due to societal pressures which puts an impact on their studies. They also face problem in adjusting with the prevailing circumstances. These students can come up to the teachers and discuss about their problems.

Future Plans:

- Though the department feels proud of the performance of its students academically, it aims to maintain the present status and to improve it further.

DEPARTMENT OF PHYSICS

1. Year of Establishment: 1923-24; UG Major course introduced in 1969
2. Names of Programmes: UG Major (B.Sc. Honours) course in Physics. Also, UG Minor (B.Sc. General) course in Physics for students majoring in Chemistry, Mathematics and for general students.
3. Names of Interdisciplinary Courses and the Departments/Units involved: None
4. Annual/ Semester/Choice based credit system (programme wise): Annual
5. Participation of the Department in the courses offered by other Departments: No such courses but students of this Department (majoring in Physics) attend general classes in Mathematics and Chemistry Departments.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: None, but research projects are carried out (see item 14 below).
7. Details of courses/programmes discontinued (if any) with reasons: NA
8. Number of teaching posts* :

Name of the post	Sanctioned	Filled
Professor	0	0
Associate Professor		
Assistant Professor	8	7

(* posts are automatically upgraded following the Career Advancement Scheme of teachers)

9. Faculty profile with name, qualification, designation, specialization:
(D.Sc./D.Litt. /Ph.D./M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of years of experience (**)	No. of Ph.D. students guided for the last 5 Years
Dr. Prabir Banerjee	M.Sc., Ph.D.+	Assistant Professor & Head of the Department	Theoretical Nuclear Physics	14+	Nil
Smt. Suchismita Maiti	M.Sc.	Assistant Professor	Nuclear Physics (as Special Paper at post-graduate level)	6+	Nil
Dr. Partha Sarathi Debnath	M.Sc., Ph.D.	Assistant Professor	Cosmology	6+	Nil
Shri Chayan	M.Sc.	Assistant	Condensed Matter	Almost 1	Nil

Saha		Professor	Physics (as Special Paper at post-graduate level)	year	
Dr. Rahul Das	M.Sc., Ph.D.	Assistant Professor	Condensed Matter Physics	Almost 1 year	Nil
Shri Suman Sadhukhan	M.Sc.	Assistant Professor	Nuclear Physics (as Special Paper at post-graduate level)	Joined this Service on 24.11.15	Nil
Shri Biplab Kumar Mandal	M.Sc.	Assistant Professor	Condensed Matter Physics (as Special Paper at post-graduate level)	Joined this Service on 24.11.15	Nil
Shri Nirmalendu Hui (transferred on 11.03.15)	M.Sc.	Assistant Professor	Non-linear Dynamics and Chaos	Spent almost 5 years in this College	Nil
Dr. Gautam Goswami (transferred on 09.12.15)	M.Sc., Ph.D.	Associate Professor	Field Theory and Statistical Physics	Spent almost 4 years in this College	Nil
Dr. Biplab Chattopadhyay (transferred in March, 2014)	M.Sc., Ph.D.	Associate Professor	Statistical Physics	Spent almost 3 years in this College	Nil
Kartick Chandra Dey (transferred in January, 2012)	M.Sc.	Assistant Professor	Liquid Crystals	Spent 5 and ½ years in this College	Nil
Purna Chandra Burman (transferred in 2011)	M.Sc.	Assistant Professor	Condensed Matter Physics (topic of current research)	-	Nil
Smt. Paramita Chatterjee (transferred in September, 2010)	M.Sc.	Assistant Professor	-	-	Nil
Dr. Nilanjan Bandyopadhyay (transferred in September, 2010)	M.Sc., Ph.D.	Assistant Professor	Condensed Matter Physics	-	Nil
Hrishikesh Mandal (transferred in August, 2010)	M.Sc.	Assistant Professor	Electronics	-	Nil
Shri Ashok	M.Sc.	Part-time	-	Has been	-

Ranjan Paul		teacher (retired)		serving since 2007	
Shri Birendra Nath Pal	M.Sc.	Part-time teacher (retired)	-	Has been serving since 2006	-

(** This includes experience in this Service only)

10. List of senior visiting faculty: Nil

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil. But there are two part-time teachers (see item no. 9) who take most of the morning classes for B.Sc. general students.

12. Student -Teacher Ratio (programme wise): 11:1 (approximately) (for UG Major Course).

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: There are no sanctioned positions for technical staff but there are two laboratory bearers in the Department. The teachers have to do administrative duties as and when necessary.

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received:

Dr. Prabir Banerjee

Major Project (ongoing project, not hosted by the Department):

Title: *Reaction dynamics of nuclei far from the valley of stability*

(DST-SERB sponsored project hosted at the Indian Institute of Technology Roorkee, Uttarakhand)

Principal investigator: Dr. Rajdeep Chatterjee, Associate Professor, Department of Physics, Indian Institute of Technology Roorkee, Uttarakhand

Co-investigator: Dr. Prabir Banerjee, A B N Seal College, Coochbehar

Co-investigator: Prof. R. Shyam, Ex-professor, Saha Institute of Nuclear Physics, Kolkata

Ref. No.: SR/S2/HEP-040/2012 dated 19.08.2013

Period: 3 years (September 2013 – August 2016)

Grant Received: Rs. 10,50,000/- (19.08.13), Rs. 3,00,000/- (19.01.15)

Dr. Partha Sarathi Debnath

Minor Project (completed):

Title: *Cosmological models of the universe and its different features*

Ref. No.: F. PSW-68/12-13 (ERO) dated 18.02.13

Period: 2 years (20.02.13 to 19.03.15)

Amount allocated: Rs. 96,000/-

Shri Nirmalendu Hui

Minor Project (completed):

Title: *Formulation and analysis of theoretical models relating therapeutic application of electromagnetic fields*

Ref. No.: F. PSW – 69/12-13 (ERO) dated 18.02.13.

Span: 2 years (2013-15)

Amount allocated: Rs. 158000/-

15. Research Centre/ facility recognized by the University: NA.

16. Publications (within 2010-11 and 2014-15 academic sessions, both inclusive):

Dr. Prabir Banerjee

Article/papers published in Journals

P. Banerjee et al (2012), Complex fragment emission in low-energy light ion reactions, *Physical Review C*, vol. 85, pp 064607.

Smt. Suchismita Maiti

Article published in Book

Name of book: ‘Bishay Bibekananda’ (in Bengali) edited by Amaresh Mandal (Department of Bengali, A B N Seal College, Coochbehar), published by Bangiya Sahitya Sansad (in Bengali), ISBN: 978-93-83590-35-3, March-April, 2014

Name of chapter: “Bigyan Manaska Sannyasi” (in Bengali)

Dr. Partha Sarathi Debnath

Articles/papers published in Journals

1. Causal viscous cosmologies with variable G and Λ in Einstein’s gravity: Partha Sarathi Debnath, B N Seal College Journal of Science, Volume III, Issue I, 12 (2010) (ISSN: 0975-5624).

2. Viscous cosmologies with variable G and Λ in R^2 gravity: B. C. Paul, P.S. Debnath, arXiv: 1105.3307, May, 2011.

3. BRANE-WORLD COSMOLOGY WITH VISCOSITY: Partha Sarathi Debnath, B N Seal Journal of Science, Volume VI, Issue I, 99 (2014) (ISSN: 0975-5624).

4. Cosmological model with variable G and with phenomenological fluids: Partha Sarathi Debnath, B N Seal Journal of Science, Volume VII, Issue I, 22 (2015) (ISSN: 0975-5624).

Dr. Rahul Das

Articles/papers published in Journals

1. Effect of Co and Cu substitution on the magnetic entropy change in $\text{Ni}_{46}\text{Mn}_{43}\text{Sn}_{11}$ alloy, **Rahul Das**, S. Sarma, A. Perumal and A. Srinivasan, *J. Appl. Phys.* **109** (2011) 07A901 [ISSN: **0021-8979**].

2. Evaluation of Ni-Mn-In-Si alloys for magnetic refrigerant application, **Rahul Das**, A. Perumal and A. Srinivasan, *IEEE Trans. Magn.* **47** (2011) 2463 [ISSN: **0018-9464**].

3. Effect of particle size on the magneto-caloric properties of $\text{Ni}_{51}\text{Mn}_{34}\text{In}_{14}\text{Si}_1$ alloy, **Rahul Das**, A. Perumal and A. Srinivasan, *J. Alloys. Compd.* **572** (2013) 192 [ISSN: **0925-8388**].

4. Influence of solidification rate and heat treatment on magnetic refrigerant properties of melt spun $\text{Ni}_{51}\text{Mn}_{34}\text{In}_{14}\text{Si}_1$ ribbons, **Rahul Das**, P. Saravanan, D. Arvindha Babu, A. Perumal, A. Srinivasan, *J. Magn. Magn. Mater.* **344** (2013) 152 [ISSN: **0304-8853**].

5. Magnetic properties of Ge substituted Ru_2FeSi alloys, Bhargab Deka, **Rahul Das** and A. Srinivasan, *J. Magn. Magn. Mater.* **347**(2013)101 [ISSN: **0304-8853**].

6. Tailoring the magnetocaloric properties of $\text{Ni}_{51}\text{Mn}_{34}\text{In}_{15}$ alloy by Ge and Si substitution for In, **Rahul Das**, A. Perumal and A. Srinivasan, *Phys. Express* **3** (2013) 13 [ISSN: **2231 - 0002**].

7. Estimation of entropy change at the first order martensitic transition in Ni-Mn-X based ferromagnetic shape memory alloys, **Rahul Das**, A. Perumal and A. Srinivasan, *Physica B* **448** (2014) 327 [ISSN: **0921-4526**].

8. Variations in structural and magnetic phase transitions of Ni-Mn-In-Si alloy with change in Ni/Mn ratio, **Rahul Das**, S. Sarma, B. Deka, A. Perumal and A. Srinivasan, *Phys. Express* **4** (2014) 7 [ISSN: **2231 - 0002**].

9. Critical behaviour and magnetic entropy change at magnetic phase transitions in Ni₅₀Mn₃₅In₁₄Si₁ ferromagnetic shape memory alloy, **Rahul Das**, A. Perumal and A. Srinivasan, *EuroPhys. Lett.* **108** (2014) 66004 [ISSN: 1286 - 4854].
10. Ozone layer depletion and its prevention by using eco-friendly alternative magnetic refrigeration technique, Mani Paul, **Rahul Das**, J. Int. Aca. Res. Multidiscip. **3** (2015)104 [ISSN: 2320 - 5083].

Publications in Proceedings

1. Room temperature magneto-caloric effect in Co substituted Ni-Mn-Sn alloy, Proc. NABSET. **1** (2010) 3 [National, ISBN: 978-93-80408-71-2].
2. Enhanced magneto-caloric effect in cobalt substituted Ni-Mn-Ga alloys, **Rahul Das**, S. Sarma, A. Perumal and A. Srinivasan, *AIP Conf. Proc.* **1347** (2011) 107 [International, ISSN: 0094-243X].
3. Magnetic refrigerant properties of Ni₅₀Mn_{37-x}Fe_xSn₁₃ alloy at low magnetic fields, **Rahul Das**, A. Perumal and A. Srinivasan, *AIP Conf. Proc.* **1447** (2012) 1173 [International, ISSN: 0094-243X].
4. Estimation of latent heat and entropy changes at the first order structural transition in Ni₅₅Mn_{21-x}Ga_{24+x} alloys, **Rahul Das**, A. Perumal and A. Srinivasan, Proc. PFAM-XXI, **1** (2012) 52 [International, ISBN: 978-93-82332-15-2].

Shri Nirmalendu Hui

Articles/papers published in Journals

1. Ballistic transport through electric field modulated graphene periodic magnetic barriers: R. Biswas, A. Biswas, N. Hui and C. Sinha, J. Appl. Phys. **108**, 043708, September, 2010.
2. Studies on the suppression on immune cells in a model of Psoriasis Pathogenesis: Nirmalendu Hui and Biplab Chattopadhyay, Acad. J. *Aureole* 3(Journal of Barasat Govt. College, West Bengal), 1-12, 2011 (ISSN: 0976-9625).
3. Immunopathogenesis in Psoriasis through a density type mathematical model: Biplab Chattopadhyay and Nirmalendu Hui, Journal of World Scientific of Engineering Academy and Society (WSEAS), Vol. 11, Issue 5, May, 2012.
4. Realizing bone mass generation through a density type theoretical archetype: Nirmalendu Hui and Biplab Chattopadhyay, *ArXiv: 1307.5833*, July, 2013.

5. Studies on bone-marrow formation within a theoretical model: Nirmalendu Hui and Biplab Chattopadhyay, International Organisation of Scientific Research (IOSR) Journal, Vol. 9, Issue 4, July-August, 2014.

Article published in Book

Name of book: 'Bishay Bibekananda' (in Bengali) edited by Amaresh Mandal, published by Bangiya Sahitya Sansad (in Bengali), ISBN: 978-93-83590-35-3, March-April, 2014.

Name of chapter: "Manabunnayan o Vivekananda: arthasamajik sthitishilatar drishtibhangi" (in Bengali).

Shri Kartick Chandra Dey

Articles/papers published in Journals

Sl. No.	Title with page No.	Journal	ISSN/ISBN No.	Whether peer reviewed. Impact Factor, if any
1	X-ray diffraction and Dielectric spectroscopy Studies on a partially Fluorinated fluorinated Ferroelectric liquid crystals compound from the family of terphenyle esters. Vol-39, No.10 pp.1196-1203	Liquid Crystal	ISSN: 02678292- Print 13665855-Online	Peer Reviewed
2	Smectic Layer Spacing, Average inter-molecular Distance, Spontaneous Polarization of room Temperature FLC Mixtures. Vol. 547 (June, 2011), pp. 1715 – 1722	Molecular Crystal Liquid Crystal.	ISSN: 15421406- Print 15635287-Online	Peer Reviewed
3	Dielectric Study of liquid crystalline compound (S)-4''-(6-perfluoropentanoil-oxyhexyl-1-oxy)-2',3'-difluoro-4-(1-methylheptyloxycarbonyl)-[1,1':4'1''] terphenyle[5F6T (2' 3'F)]pp. 1-5.	B N Seal Journal of Science Vol.II (2009)	ISBN: 09755624	Non-Referred

Shri Subhadip Chakraborty (student who passed out in 2011)

Paper published in Journal

Investigating the quasi-oscillatory behavior of electrical parameters with the concentration of D-glucose in aqueous solution: S. Chakraborty, C. Das, R. Saha,

A.Das, N. K. Bera, D. Chattopadhyay, A. Karmakar, D. Chattopadhyay, S. Chattopadhyay, Journal of Electrical Bio-impedance, 6(1), 10-17, 2015.

Smt. Dibyashree Chakraborty (student who passed out in 2011)

Paper published in Journal

Magnetic properties of $Co_2Fe(Ga_{1-x}Six)$ alloys: B. Deka, D. Chakraborty, A Srinivasan, Physics B448 (2014) 173-176 (Selected papers from International Conference on Magnetic Materials and Applications (MagMA-2013))

17. Areas of consultancy and income generated: NA

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards:

Dr. Rahul Das

Editorial board member of SSRG International Journal of Applied Physics and Reviewer of Journal of Alloys and Compounds as well as Journal of Advances in Physics.

19. Student projects

7. Percentage of students who have done in-house projects including inter-departmental/programme: Nil

8. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies***: Nil

(***M.Sc. project)

Shri Suvankar Paul (student who passed out in 2013)

- Computational project on “**Effects of Non-inverse Square Central Forces on Particle Trajectories**” under the guidance of Prof. Satyajit Banerjee, IIT Kanpur.
- Projects on theoretical physics with titles “**Galactic Aspects of Modified Gravity**” and “**Galactic Model by Gravitational Lensing**” under the supervision of Prof. Tapobrata Sarkar, IIT Kanpur.

20. Awards/Recognitions received by Faculty and students:

Srl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Subhadip Chakraborty (student)	Award of DST-INSPIRE Fellowship, 2014	Passed out in 2011
2	Camelia Das (student)	Best poster award in International Conference on Magnetic Materials and Application (ICMAGMA-2015)	Passed out in 2011

3	Dr. Partha Sarathi Debnath	Doctoral degree from North Bengal University	2012
4	Sukanya De (student)	First rank in B.Sc. final examination of North Bengal University	Passed out in 2013
5	Dr. Rahul Das	Doctoral degree from IIT, Guwahati	2014
6	Satyajit Barman (student)	First rank in B.Sc. final examination of North Bengal University	Passed out in 2014

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Srl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Dr. Subhankar Ghosh (from St. Xavier's College, Kolkata)	College level (S. Chandrasekhar Memorial Lecture)	2012	UGC-CPE
2	Dr. Kanak Saha (from IUCAA, Pune)	College Level	2015	A B N Seal College

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled(*)	Pass %
2010-11	502	24	24 (52*)	80.0 (16**)
2011-12	520	24	24 (52*)	90.0 (18**)
2012-13	526	24	24 (60*)	100 (19**)
2013-14	525	24	24 (60*)	85.7 (12**)
2014-15	555	28	28 (54*)	90.5 (19**)
2015-16	more than 1000	28	28(53*)	-

*This gives the total number of enrolled students for the three years at a time majoring in Physics.

** Total number of students passing out.

26. Diversity of Students: 100% from the same state. SC, ST candidates and candidates from other backward castes form a significant percentage of the total number of students, which may be more than 50%.

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. NET: 16 (from 2010-11 to 2014-15 session).

28. Student progression:

Year	Student progression against % enrolled(*)			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-11	80.0%	NA	NA	One (employed in a H.S. School)
2011-12	90.0%	NA	NA	-
2012-13	100%	NA	NA	-
2013-14	85.7%	NA	NA	-
2014-15	90.5%	NA	NA	-

(*for enrolled 3rd year students)

26. Infrastructural facilities:

a) Library:

Central Library (Total): Books: 5086 on the subject, Journals: SCIENCE, CURRENT SCIENCE, RESONANCE, NATURE (till 2013).

Departmental Library: 349 (including donated books and books purchased from UGC remedial grants)

Book Bank: There is no Book Bank as such, but the books in the Departmental Library can be looked upon as belonging to a Book Bank.

Books on Environmental Science in Book Bank: No such books in the Departmental Library, but they can be brought from the central library or procured on demand.

Journals in Book Bank: NA

b) Internet facilities for Staff & Students: Teachers do have access to the Internet facility in the Department.

c) Class rooms with ICT facility: There are no such classes, but this can be arranged in one room of this Department (Room No. 11) as and when necessary with the aid of (laptop) computer and LCD projector existing in the Department.

d) Laboratories: 5 (including extensions)

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last (5) years:

Year	No of Students	Type of Assistance
2010-11	-	-
2011-12	-	-
2012-13	5	INSPIRE Scholarship
2013-14	12	INSPIRE Scholarship, Vidyasagar Scholarship, D.W.O. support
2014-15	18	INSPIRE Scholarship, D.W.O. support

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Srl. No.	Name of Speaker	Topic	Year	Type of lectures
1.	Dr. Subhankar Ghosh (from St. Xavier's College, Kolkata)	Glass - The Wonder World and Physics	2012	UGC-CPE sponsored Memorial Lecture
2.	Dr. Kanak Saha (IUCAA, Pune)	Evolutionary History of Galaxies in the Universe	2015	College Level Lecture

Department conducts an educational excursion:

SI No.	Venue	Year
1	Variable Energy Cyclotron Centre, Kolkata (with three teachers and students of this Department)	28 January – 1 st February, 2011

29. Teaching methods adopted to improve student learning:

- Using ICT means (power-point presentations, picture/ photograph/ video/ audio/ multi-media demonstrations from recordings/websites),
- Organizing tutorial/remedial classes and outside-class discussions, conducting mock-tests, suggesting the availability of e-texts and e-books.
- Motivating students to participate in different seminars organized by other educational institutions.
- Students are taken for educational tours occasionally.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department participate in various social activities by being a part of the NSS Unit of the College and taking part in College Fests.

31. SWOC analysis of the Department and Future Plans:

Strength:

- Physics is an excellent science subject as it explores nature and presents itself in improving life standards so far as application is concerned. There is no end to knowing the truth and beauty of the natural laws and one keeps doing it by studying Physics.
- The students are taken personal care of, and a healthy teacher-student relationship exists in the Department.

Weakness:

- The Department requires one more full time faculty in the vacant post. Also, some support for doing clerical chores and more laboratory staff are needed. It is also felt that more space is needed in the Department.

Opportunities:

- Those who successfully complete their Masters in Physics can join

academics/research.

- Pass-out students of Physics have scope of orientation of their career towards Engineering, Space Science and Technology, Biophysics, various streams of science and inter-disciplinary subjects.

Challenges:

- Some of the students of the Department may feel stressed out due to societal/economic pressures which puts an impact on their studies. They also face problems (both personal and academics) in adjusting with the prevailing circumstances. These students can come up to the teachers and discuss freely about their problems with the faculty of this Department. The teachers help to overcome their problems through counseling or helping otherwise.
- Given the busy schedule of the daily routine, the teachers find little time/scope for doing research work. But they do it also.

Future Plans:

- Though the Department feels proud of the performance of its students academically and the quality/sincerity of its teachers, it aims to maintain the present status and to improve it further.

DEPARTMENT OF PHYSIOLOGY

1. Year of Establishment: 2013
2. Names of Programmes: B.Sc. (Honours) Course
3. Names of Interdisciplinary Courses and the Departments/Units involved:
ENVS
4. Annual/ Semester/Choice based credit system (programme wise) : Annual
5. Participation of the Department in the courses offered by other Departments:
No
6. Courses in collaboration with other universities, industries, foreign institutions,
etc. No

Sl.No.	Courses	Name of the collaborating Universities/industries etc
1.	--	--

7. Details of courses/programmes discontinued (if any) with reasons: NA
8. Number of teaching posts: 05 (Five)

Name of the post	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	-	01
Assistant Professor	05	04

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No. of Ph.D Students guided for the last 4 Years
1. Dr. Asis Kumar Pandit	M.Sc., Ph.D.	Associate Professor	Ergonomics and Work Physiology	23	Nil
2. Dr. Tridib Chakraborty	M.Sc., Ph.D.	Assistant Professor	Immunology and Microbiology	07	Nil
3. Dr. Tuhin Suvro Banerjee	M.Sc., Ph.D.	Assistant Professor	Endocrinology and Reproductive Biology	01	Nil
4. Payel Banik	M.Sc.	Assistant Professor	Biochemistry	01	Nil
5. Anindita Chakraborty	M. Sc.	Assistant Professor	Nutrition & Dietetics	01	Nil

10. List of senior visiting faculty: Nil
11. Percentage of lectures delivered and practical classes handled (programme

wise) by temporary faculty: Nil

12. Student -Teacher Ratio (programme wise): 6:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received: Nil

15. Research Centre/ facility recognized by the University: Nil

16. **Publications:**

1. **Banerjee T.S.**, Hazra A, Mondal NB, Das S (2015) The quinoline compound, S4 effectively antagonizes alcohol intake in mice: Possible association with the histone H3 modification. *Neurochemistry International*, 87; 117-127.

2. Dey KK, Sorkar S, Pal I, Das S, Dey G, Bharti R, **Banik P**, Roy J, Maity S, Mandal M (2015) Mechanistic attributes of S100A7 (Psoriasin) in resistance of anoikis resulting tumor progression in squamous cell carcinoma of the oral cavity. *Cancer Cell International*, 15; 74.

3. Ghosh G.S., R. Jyoti, **Chakraborty A.**, Raychoudhury B., (2013) Traditional herbal therapies: Tribal indigenous knowledge for sustainable development, *Zenith International Magazine of Multidisciplinary Research*, 7(3): 70-76

17. Areas of consultancy and income generated: Nil

18. Faculty as members in

a) National Committees b) International Committees c) Editorial Boards: Physiological Society of India, Indian Science Congress Association, International Society of Cell Biologists.

19. Student projects

9. Percentage of students who have done in-house projects including inter departmental/programme: Nil

10. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Srl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Tuhin Suvro Banerjee, Assistant Professor	Awarded PhD Degree from Calcutta University	2015
2	Himanish Ray, Student of B.Sc Hons., 3 rd year	Departmental prize for scoring highest marks in 2 nd year final examination	2015
3	Tanmoy Deb,	Departmental prize for scoring highest marks in 1 st	2015

	Student of B.Sc Hons., 2 nd year	year final examination	
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21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding: Nil

22. Student profile programme/course wise:

Year	Applications received	Selected	Enrolled*	Pass %
2011-2012	Department not started			
2012-2013				
2013-2014	150	20	20	-
2014-2015	175	23	23	-
2015-2016	180	26	26	-

29. Diversity of Students: 100% of the students are from the same state.

30. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?. Two students in Defense Services.

31. Student progression: N.A.

26. Infrastructural facilities:

a) Library:

Central Library (Total books): 179

Departmental Library:

Book Bank: Does not exist.

Books on Environmental Science in Book Bank: NA

Journals in Book Bank: Nil

b) Internet facilities for Staff & Students: Nil

c) Class rooms with ICT facility: Nil

d) Laboratories: Nil

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 5 years:

For a comprehensive idea regarding this matter, please consult Annexure IX.

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

Department conducts an educational excursion each year:

Sl No.	Venue	Year
1	Jayanti, Alipurduar, West Bengal	2014
2	Shillong	2015

29. Teaching methods adopted to improve student learning:

1. ICT based techniques including Power Point Presentation
2. Charts and Models
3. e-books and e-journals
4. Group Discussion
5. Field Study and Educational Excursion

30. Participation in Institutional Social Responsibility (ISR) and Extension activities:

1. NSS

2. Diet Survey conducted on the population of different localities

3. Measurement of Blood Pressure, Body Weight, BMI, Blood Grouping, Physical Fitness Index among the people of Cooch Behar

31. SWOC analysis of the department and Future plans:

Strength:**1. Teaching Posts:** 4 Permanent Faculties**2. Number of Students:** B.Sc 1st year Honours (20)B.Sc 2nd year Honours (13)B.Sc 3rd year Honours (8)**Weakness: 1. Non-teaching Staff-**

i. No Laboratory Assistant

ii. No Store cum Instrument Keeper

iii. No Technical Assistant

iv. No Laboratory attendant

v. No Group 'D' Staff

2. Lack of Financial Grant for: i. Purchase of equipments

ii. Purchase of Chemicals and Reagents, Glasswares

iii. Repairing and Maintenance of Instruments

iv. Purchase of Specimens and Contingency items

3. Infrastructural Facilities:

i. Lack of Lecture Theaters

ii. Lack of Practical and Laboratory Rooms

iii. Lack of Teachers' Room

iv. Lack of Store Rooms

v. Seminar Library Room

vi. Furnitures

vii. Toilets

Opportunities: Scopes for Academic enrichment, R&D, Human Resource Development of the people of North Eastern Hill Areas including Environmental Studies of Doors.**Challenges:** Upliftment of Academic and Social standard of the people of North Bengal.**Future Plans:** Submission of proposals for sanctioning of Research Projects and Grants for Academic and Social development on various aspects of human Physiology.

DEPARTMENT OF ZOOLOGY

1. Year of Establishment: UG: 1982 (General), 1986 (Honours)
PG: 2004
2. Names of Programmes: B.Sc. (Honours+General); M.Sc.
3. Names of Interdisciplinary Courses and the Departments/Units involved: Nil
4. Annual/ Semester/Choice based credit system (programme wise) : B.Sc: Annual based; M.Sc: Semester based (Under Cooch Behar Panchanan Barma University)
5. Participation of the Department in the courses offered by other Departments: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
7. Details of courses/programmes discontinued (if any) with reasons: N.A.
8. Number of teaching posts:

Name of the post	Sanctioned	Filled
Professor	2	0
Associate Professor	9	1
Assistant Professor		5

9. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Year of experience	No.of Ph.D Students guided for the last 4 Years
Dr. Willie Henry	M.Sc., Ph.D.	Associate Professor	Genetics	26	4
Dr. Saswati Sinha (Transferred on February, 2016)	M.Sc., Ph.D.	Assistant Professor	Neurobiology	15	Nil
Sri Hemen Biswas	M.Sc., M.Ed.	Assistant Professor	Entomology	9 (+)	Nil
Sri Debojyoti Dutta	M.Sc., M.Phil	Assistant Professor	Cell & Molecular Biology	8 (+)	Nil
Sri Satadal Adhikary	M.Sc.	Assistant Professor	Genetics	3 Months	Nil
Sri Prem Rajak	M.Sc.	Assistant Professor	Molecular Biology & Genetics	2 Months	Nil
Smt. Ajanta Dutta	M.Sc.	Part time basis	Genetics	6	Nil

Chattapadhyay					
Smt Kuheli Mitra Dutta	M. Sc.	Part time basis	Ecology & Animal behavior	6	Nil

10. List of senior visiting faculty:

- a) Prof. Asim Kumar Chakraborty, Emeritus Professor, N B U
- b) Prof. Nihar Ranjan Mazumdar, Retd. Professor, U B K V.

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: B. Sc (theory+ Practical)-20%

12. Student -Teacher Ratio (programme wise): B.Sc Honours- 90:6 = 15:1; M. Sc- 50:6 = 8.3:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Store Keeper Cum Laboratory Assistant	1	1
Laboratory Assistant	2	1
Lady attendant	1	0
Animal Collector	1	1

14. Departmental projects funded by DST-FST; UGC, DBT, ICSSR, etc. and total grants received:

UGC Minor research Project- UGC Sanction No- F.PSW-111/09-10(ERO) dated 08.10.2009; Total amount: Rs. 12 lakhs.

15. Research Centre/ facility recognized by the University:

Recognized Center for doing Ph.D. in Zoology under North Bengal University

16. **Publications:**

2010-2011

Dr. Willie Henry:

a) Takaoka, H., Thapa, S. and **Henry, W. (2010)**. Description of two new species of *Simulium (Gomphostilbia)* (Diptera: Simuliidae) from Darjeeling, India. Med. Entomol. Zool. 61 No. 2. 105-110.

b) **Henry, W.,** Dey S.K., Varma, R., Thapa, S. and Procunier, W.S. **(2010)**. Polytene Chromosomes of an Indian Himalayan black fly *Simulium (Nevermannia) praelargum* (Diptera: Simuliidae). Current zoology. 56 (4): 437–444, (2010).

Sri Debojyoti Dutta:-

a) Ghosh. B, Sarkar. S and **Dutta. D.** (2010) “Global climate change and Amphibian declines: is there a link? A case study with respect to Toad of Buxa Tiger

Reserve (East Division) , Jalpaiguri, West Bengal.” BN Seal J. Sci., (ISSN-0975-5624) Vol. III pp. 54-62.

b) **Dutta. D (2010)**. “Role of Antifreeze Protein in Cryopreservation of Gonadial tissue” Agro bios News letter (ISSN 0972-7027). Vol. IX, No.4, pp. 11-12.

2011-2012

Dr. Willie Henry:

a) Takaoka, H., Thapa, S. and **Henry, W. (2011)**. A new species of black fly (Diptera: Simuliidae) with an entirely yellow thorax from Darjeeling, India. Zootaxa. 2824: 62–68 (2011).

b) **Henry, W.**, Thapa, S., Adler, P.H., Dey S.K., and Varma, R. (2011). Cytotaxonomy of *Simulium (Montisimulium) ghoomense* (Diptera: Simuliidae) from the Darjeeling Hills, India. Zootaxa 2872: 49–57 (2011).

Sri Debojyoti Dutta:

a) **Dutta. D.**, Das. S.K. (2011). “Isolation of high molecular weight immunoglobulin fraction from total serum of Tibetan Wolf (*Canis lupus chanco*)” Wesleyan Journal of Science (ISSN 0975-1386) Indexed in DOAJ. Vol 4(1) pp 80-84.

b) **Dutta.D.** Das. S.K (2011) “Isolation of Mitochondrial DNA from Hepatic Tissue of *Bufo (=Duttaphrynus) stomaticus* Lutken, 1862 of Buxa Tiger Reserve, West Bengal”. BN Seal J. Sci., (ISSN-0975-5624). Vol IV pp. 56-64..

2012-2013

Sri Debojyoti Dutta:

a) Das, S.K., Sengupta. D., Ghosh. D, **Dutta. D. (2012)**. An Innovative method of cellulose Acetate membrane based isolation of mitochondria and mtDNA extraction from the liver of *Duttaphrynus melanostictus* (Scheider, 1799)”. Indian Journal of Biotechnology (ISSN 0972-5849) Impact Factor-0.386. Vol 11 April pp 171-175.

b) **Dutta. D.**, Das. S.K. (2012). Toad (Salientia: Amphibia) diversity in the Buxa Tiger Reserve, West Bengal, India. NeBIO (ISSN 0976-3597) Impact Factor-0.998. Vol III No. 2 June pp 16-20.

c) **Dutta.D.** Das. S.K (2012). Fertility issue of Cancer survivors. Everyman’s Science (ISSN No. 0531-495X). Vol. XLVII No. 1 April-May pp-31-35.

2013-2014

Dr. Saswati Sinha

- a) **Saswati Sinha**, Sutapa Sanyal (2013): Acclimatization of Heat Stress in Nistari Race of Bombyx Mori: Jour. Ento. Zool. Stud. 2013: 1 (6) 61-65.
- b) **Saswati Sinha** (2013) : Heat Sensitivity and Protein Synthesis during heat shock in NB4D2 Race of Bombyx mori. Jour. Nat. Hist. 8(1) : 13-18.
- c) **Saswati Sinha** and Sujit Kumar Dasgupta (2013) : New species of the biting midges. Nilobezzia Kieffer in Jhargram and adjoining areas of West Medinipur region of West Bengal, India. Jour Nat. Hist. 9(2): 30-35.

Sri Debojyoti Dutta:

- a) **Dutta. D.**, Das. S.K. (2013). Phylogenetic relationship of *Duttaphrynus melanostictus* From India and China as Revealed from the Study of 12S and 16S mtDNA Genes. International Journal of Zoological Research (ISSN 1811-9778). 9(2): 49-57. (DOI: 0.3923/ijzr.2013.49)
- b) **Dutta.D.**, Das. S.K. (2013). Comparative study of *Bufo melanostictus* of West Bengal with other Asian members of *Bufo sp* across the World. Indian journal of Social and Natural Sciences (ISSN 2277-6117). Vol-2(1): 29-36.

Sri Prem Rajak:

- a) **Prem Rajak**, Sudeshna Sahana and Sumedha Roy (2013). Acephate induced shortening of developmental duration and early adult emergence in a non-target insect *Drosophila melanogaster*. Toxicological & Environmental Chemistry, 95: 1369-1379.

2014-2015

Dr. Saswati Sinha

- a) **Saswati Sinha** (2014): An emerging threat to marine diversity- the coral bleaching: Proc. UGC. Summer School: Academic Staff College, Calcutta University.

Sri Debojyoti Dutta:

- a) **Dutta.D.**, Das. S.K. (2014). Polycystic Ovarian Syndrome-Genetic insights to Pathophysiology-a multifactorial analysis. B.N. Seal Journal of Science (ISSN 0975-5624). Vol VI Issue I September pp 108-117.

Sri Prem Rajak:

- a) **Prem Rajak**, Moumita Dutta and Sumedha Roy (2014). Effect of acute exposure of acephate on hemocyte abundance in a non-target victim *Drosophila melanogaster*. Toxicological & Environmental Chemistry, 96: 768-776.

17. Areas of consultancy and income generated: NIL

18. Faculty as members in

a) National Committees

b) International Committees:-

c) Editorial Boards: Dr. Willie Henry:- International scientific journal Natural history museum with ISSN and of repute published from Darjeeling Govt. College, Darjeeling.

17. Student projects

18. Percentages of students who have done in-house projects including inter Departmental/ Programme: 10% doing Dissertation for completion of M.Sc. degree. The Percentage varies from year to year.

19. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

20. Awards/Recognitions received by Faculty and students:

Srl. No.	Name of Faculty/ Student	Award/ Recognition	Year
1	Dr. Willie Henry	Received invitation as a Guest Speaker at the EPS Global 1 st International Pathology Forum scheduled on 17 th and 18 th September, 2010 at Changsha, Hunan, China. Reviewed (4); two full manuscripts for the Journal of Public Health and Epidemiology (www.academicjournals.org/JPHE); and Two full manuscripts for the International Journal of Medicine and Medical Sciences (www.academicjournals.org/IJMMS)	

21. List of eminent academicians and scientists/ visitors to the department/ Seminars/ Conferences/Workshops organized & the source of funding:

Srl. No.	Name of Speakers	Nature of Lectures	Year	Funding Agency
1	Prof. Dipak Ranjan Mandal, DPI, Govt. of West Bengal Prof. A. P. Das, Botany Department, N.B.U. Dr. R.C. Chakraborty, Botany Department, N.B.U. Prof. Mohit Sinha, director, Central Jute and Allied Fiber, Kolkata	2 1 1 1	2011	UGC-ERO
2	Prof. T.C. Nag, Department of Anatomy, AIIMS, New Delhi Prof. S. Patra, IIT Roorkee Prof. A. Chakraborty, N B U Prof. Amitava Samanta, BCKV Dr. R.C. Chakraborty, Botany Department, N.B.U.	1 1 1 1 1	2013	UGC-ERO

22. Student profile programme/course wise:

Year	Applications received		Selected		Enrolled*		Pass %	
	UG	PG	UG	PG	UG	PG	UG	PG
2010-2011	521	114	23	17	23	17	96.64	94.03
2011-2012	575	101	18	18	18	18	84.25	100
2012-2013	423	98	21	22	21	19	81.94	94.73
2013-2014	398	72	24	21	24	21	76.99	100
2014-2015	324	65	22	23	22	21	76.75	100
2015-2016	502	125	30	24	30	24	-	-

23. Diversity of Students: NA

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET: 2 (2010-11)

2 (2011-12)

SLET: 1 (2010-11)

GATE: 2 (2012-13)

25. Student progression:

Year	Student progression against % enrolled			
	UG to PG	PG to M. Phil	PG to Ph. D	Employed / Campus selection /other than campus recruitment/ Entrepreneurship/ self employment
2010-2011	14(63.64%)	Nil	2 (14.29%)	6(41.86%) (School service Commission)
2011-2012	13(72.22%)	Nil	1(7.69%)	10(76.92%) (School service Commission)
2012-2013	16(76.19%)	Nil	1(6.25%)	1(6.25%)(West Bengal Health Directorate)
2013-2014	14(58.33%)	Nil	Nil	2(14.29%) (West Bengal Civil Service) 4 (28.57%)(West Bengal Health Directorate)
2014-2015	14(63.64%)	Nil	Nil	3(21.43%)(Non Government School)

26. Infrastructural facilities:

a) Library:

Central Library (Total): 1002

Departmental Library: 728

Book Bank: 1(For Economically backward students)

Books on Environmental Science in Book Bank: 38

Journals in Book Bank: 2 (Journal of Bioscience & Journal of Experimental Biology)

b) Internet facilities for Staff & Students: 3 Computer having internet facility)

c) Class rooms with ICT facility: 2

d) Laboratories: 3

27. Number of students receiving financial assistance from College, University, government or other agencies: Please provide number year wise for last 5 years:

Year	No. of Students	Type of Assistance
2010-11	4	UGC sponsored, State sponsored
2011-12	5	UGC sponsored, State sponsored
2012-13	4	UGC sponsored, State sponsored
2013-14	5	UGC sponsored, State sponsored
2014-15	5	UGC sponsored, State sponsored

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Srl. No.	Name of Speaker	Topic	Year	Type of lectures
1	Dr. Kamalesh Misra ,KU	Speciation as two dimensional Process	2011	Endowment Lecture for UG freshers
2	Dr. Tanmay Bhattacharya, Vidyasagar University	Animal Communication	2012	UGC remedial Class
3	Dr. Madhusudan Ghosal Calcutta University	Hormone-Mechanism of action	2012	UGC remedial Class
4	Prof. Susanta Chakraborty, Vidyasagar University	Wetland as resources	2013	Endowment Lecture for UG freshers
5				

Department conducts an educational excursion each year:

Sl No.	Venue	Year
1	CIFA, Bhubaneswar & Imgenex Pvt. Ltd. Odisha	2010-2011
2	Bhitarkanika & Chandbali, Balasore, Odisha, CIFRI, Barrackpore	2011-2012
3	New Delhi Uttarkashi and adjacent area	2012-2013
4	Nagjira Tiger Reserve, Visakhapatnam	2013-2014
5	CIFA, Odisha	2014-2015

29. Teaching methods adopted to improve student learning:

- i) Regular utilization of Audio Visual aids during Class room Teaching.
- ii) Regular remedial classes for slow learner.
- iii) Tutorial Classes for PG 3rd Semester students.
- iv) Industry academia relationship development through exposure to Biotech industry.
- v) Uploading facilities for class notes and other things to the teachers profile blog for ready handout.

30. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Participated in NSS activity in terms of Mass Literacy Programme, Environment Day Celebration in College Campus. Department of Zoology contribute by exposing the

students in the Carrier oriented programme after completion of UG courses and also orient themselves in research field after completion of PG courses.

31. SWOC analysis of the Department and Future plans:

Strength: Provide opportunities to learn Zoology with all modern amenities in the dark canaries of Cooch Behar District.

Weakness: This is a under staff Department. So, initiative for filling up vacancies is immediately prerequisite.

Opportunities: As this part of North Bengal having lot of Bioresources, this Department if having collaboration with other neighboring industry like tea industry can develop good job opportunity.

Challenges: In spite of under staff Department the Department tries to provide good opportunities to learn Zoology.

Future Plans: To enhance research fields in different Biological arrays.

PART – E
(Post Accreditation Initiatives)

Reports on Actions Taken as per the Recommendations by the NAAC Peer Team during Accreditation Cycle-I

1. **Recommendation:** *Courses in innovative/vocational as well as need based areas of studies including human rights and environment*

Actions Taken: It is needless to say that this is a Government General Degree College. It has no capacity to open such type of courses even in self financing manner without Govt. policy initiatives. In spite of this, the institute takes attempt to pursue these types of courses through Indira Gandhi National Open University (IGNOU) Study Centre which is hosted from the year 1993 in the Centenary Building (**Satabhisha**). This centre after NAAC Accreditation, First Cycle in the Year 2008, has given emphasis to open several innovative and need based courses: *Social Work, Tourism Management, Computer Applications, Library and Information Science, Rural Development, Journalism and Mass Communications, Disaster Management, Health Science and Environmental Studies*. In the year 2013 a Distance Education Centre of The Burdwan University has started in this College at Acharya Brojendra Nath seal Block/ Bhaban. This offers five post-graduate courses in Humanities, viz. History, Sanskrit, Philosophy, Bengali and English.

2. **Recommendation:** *Collaborative linkages with other institutes for teaching, research and extension*

Actions Taken: Faculty members engaged in collaborative teaching and research activities through the linkages with other institutes

3. **Recommendation:** *Enhancement of computer and research culture as well as library support*

Actions Taken: Number of computers has increased in course of time since the year 2008. This is 74 at present, that is, in the year 2014-15. The faculty members are very much interested and active in research activities. They are observed to launch UGC funded Research Projects. At the same time they are also involved in in-house and out house research collaborations. The Library Support System mainly in terms of the stock of books and journals in the Central library (Manan) has also been increasing. The number of these is at present 70045.

4. **Recommendation:** *Mobilization of resources for research and development through the district administration, state government and UGC under special assistance schemes*

Actions Taken: The College has always been giving endeavor for the mobilization of resources through the district administration, state government and UGC also as the case may be.

5. **Recommendation:** *Library to be fully computerized and more journals may be purchased*

Actions Taken: In the present year ,that is, 2014-15 the College has taken initiatives to implement the Library Automation Software *KOHA*, which is an open source integrated library management system software and started to make entries of library materials in Microsoft Excel as these data can easily be converted into the KOHA database. Complete digitization of the library system is yet to be done. Attempts have also been taken to purchase more journals and pay for renewal of online journals through N-List programme of UGC-Infonet.

6. **Recommendation:** *Greater linkage with Alumni Association*

Actions Taken: Alumni Association has formally been formed in the name of Achrya Brojendra Nath Seal College Alumni Association (ABNSCAA) very recently. The process of setting a greater/dense linkage with it is one of the important aims of the College authority.

7. **Recommendation:** *Mentoring system may be introduced*

Actions Taken: This is yet to be done.

8. **Recommendation:** *Constitution of SC/ST Cell as per UGC guidelines*

Actions Taken: The *Equal Opportunity Cell / SC/ST Cell* has been constituted as per UGC guidelines and performing relevant activities.

9. **Recommendation:** *Strengthening of Placement Cell and formation of Parents-Teacher Association*

Actions Taken: There is a *Placement Monitoring Cell* in the College and it has been doing relevant activities as and when necessary. Besides this, *Entry into Service Cell* is also functioning in the College. It is expected that *Parents-Teacher Association* will be formed soon.

10. **Recommendation:** *Development of Perspective Plan*

Actions Taken: The College has prepared a Perspective Plan .The outline of which may be seen from **Section 6.2.2**.

PART - F

ANNEXURE – I

NIL

ANNEXURE – II

NIL

ANNEXURE III**Table no: 3.1- Department Wise Information Regarding Lectures Arranged, Name of the Related Speakers and Funding Agency During the Period Extending From The Year 2011- 12 To 2014-15**

Departments	Names of Speakers	Lectures along with Title/Description	Years	Name of the Funding Agency
(1)	(2)	(3)	(4)	(5)
Bengali	Dr. Satyabati Giri	Sasibhushan Dasgupta Memorial Lecture on Basic UG curriculum	2012	UGC-CPE
	Utpal Mondal, Dipak Roy	Novel and Short Stories Drama	2013	UGC –CPE
	Shamindranath Majumder	Amiyabhushan Majumder Memorial Lecture on his contribution to the Modern 20 th Century Bengali Literature	2013	UGC –CPE
English	Prof. Supriya Chaudhuri (Professor Emerita, Department of English, Jadavpur University)	1. Modernism 2. Shakespeare	2011	UGC-CPE
Philosophy	Professor Manjulika Ghosh (Former Professor, Department of Philosophy, N.B.U.)	Language and Its Impact on Social Life	2012	UGC-CPE
	Professor Kantilal Das (Professor, Department of Philosophy, N. B. U.)	Language and Logic	2013	UGC-CPE
Geography	Prof. Shubhas Chandra Mukhopadhyay	S.P. Chatterjee Memorial Lecture on Fluvial Processes and Resultant Landforms	2011	UGC-CPE
	Dr. Partha Basu	S.P. Chatterjee Memorial Lecture on Cyclic and Non-Cyclic Concepts in Landforms Evolution	2012	UGC-CPE
Sanskrit	Prof. Lalita Chakraborty, Department of Sanskrit, Pali & Prakrit, Visva-Bharati	Invited Lecture on Basic UG curriculum	2011	UGC-CPE
	Prof. Mrinal Kanti Ganguly, Department of	Gouri Nath Shastri Memorial Lecture on Basic UG curriculum	2012	UGC-CPE

	Sanskrit, Calcutta University			
	Prof. Sarbani Ganguly, Department of Sanskrit, Jadavpur University	Invited Lecture on Basic UG curriculum	2012	UGC-CPE
	Prof. Raghunath Ghosh, Professor, Department of Philosophy, North Bengal University.	Invited Lecture on Basic UG curriculum on Ancient Indian Philosophy	2012	UGC-CPE
	Dr. Prasoon Dutta Singh, Assistant Professor, Jamshedpur Worker's College, Jamshedpur.	Invited Lecture on Basic UG curriculum	2012	UGC-CPE
	Dr. Shyam Kumar Jha, Assistant Professor, Mathabhanga College, Cooch Behar.	Invited Lecture on Basic UG curriculum	2012	UGC-CPE
Physics	Dr. Subhankar Ghosh (St. Xavier's College, Kolkata)	S. Chandrasekhar Memorial Lecture on Basic UG curriculum	2012	UGC-CPE
	Dr. Kanak Saha (IUCAA, Pune)	Invited Lecture on Astrophysics	2015	A B N Seal College
Chemistry	Prof. Asish De, Sr. Professor, IACS, Kolkata	Acharya P .C. Ray Memorial Lecture on Basic UG curriculum	2011	UGC-CPE
	Prof. Somnath Ghosh, JU, Kolkata	Shantiswarup Bhatnagar Memorial Lecture on Basic UG curriculum	2012	UGC-CPE
Mathematics	Dr. Abhijit Banerjee, Associate Professor, University of Kalyani, Nadia	Srinivasa Ramanujan Memorial Lecture on Differentiation in R^n space	2012	UGC-CPE
Zoology	Dr. Kamalesh Misra, KU	Speciation as two dimensional process	2011	UGC-CPE
	Dr. Tanmay Bhattacharya, VU	Animal Communication	2012	UGC-CPE
	Dr. Madhusudan Ghosal, CU	Hormone-Mechanism of Action	2012	UGC-CPE
	Prof. Susanta Chakraborty, VU	Darwin Memorial Lecture- Wetland as Resources	2013	UGC-CPE

PHOTOGRAPHIC PANEL 3.1



NCC



NSS



Youth Parliament Competition 2015



Annual Prize Day



BASANTA UTSAV



GYMNASIUM



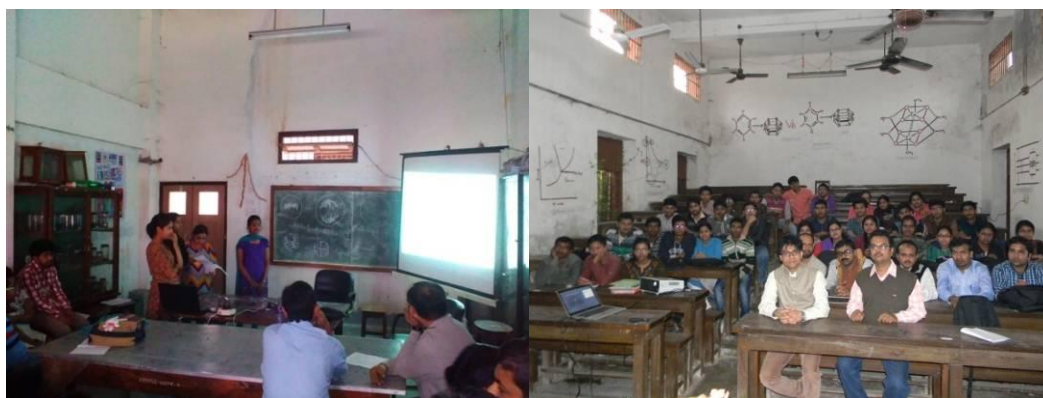
Academic Book Fair

PHOTOGRAPHIC PANEL 3.2

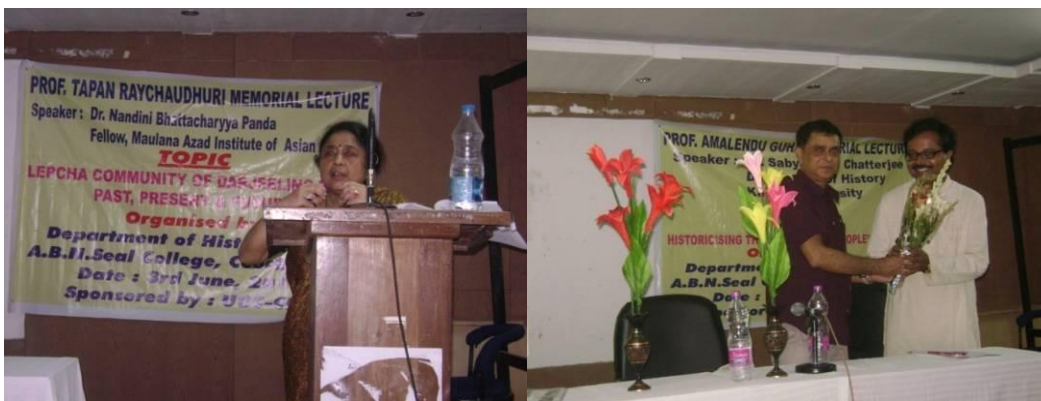


**Vashishtha Institute for North Bengal and North East Developmental Studies”
(VINBNEDS)**

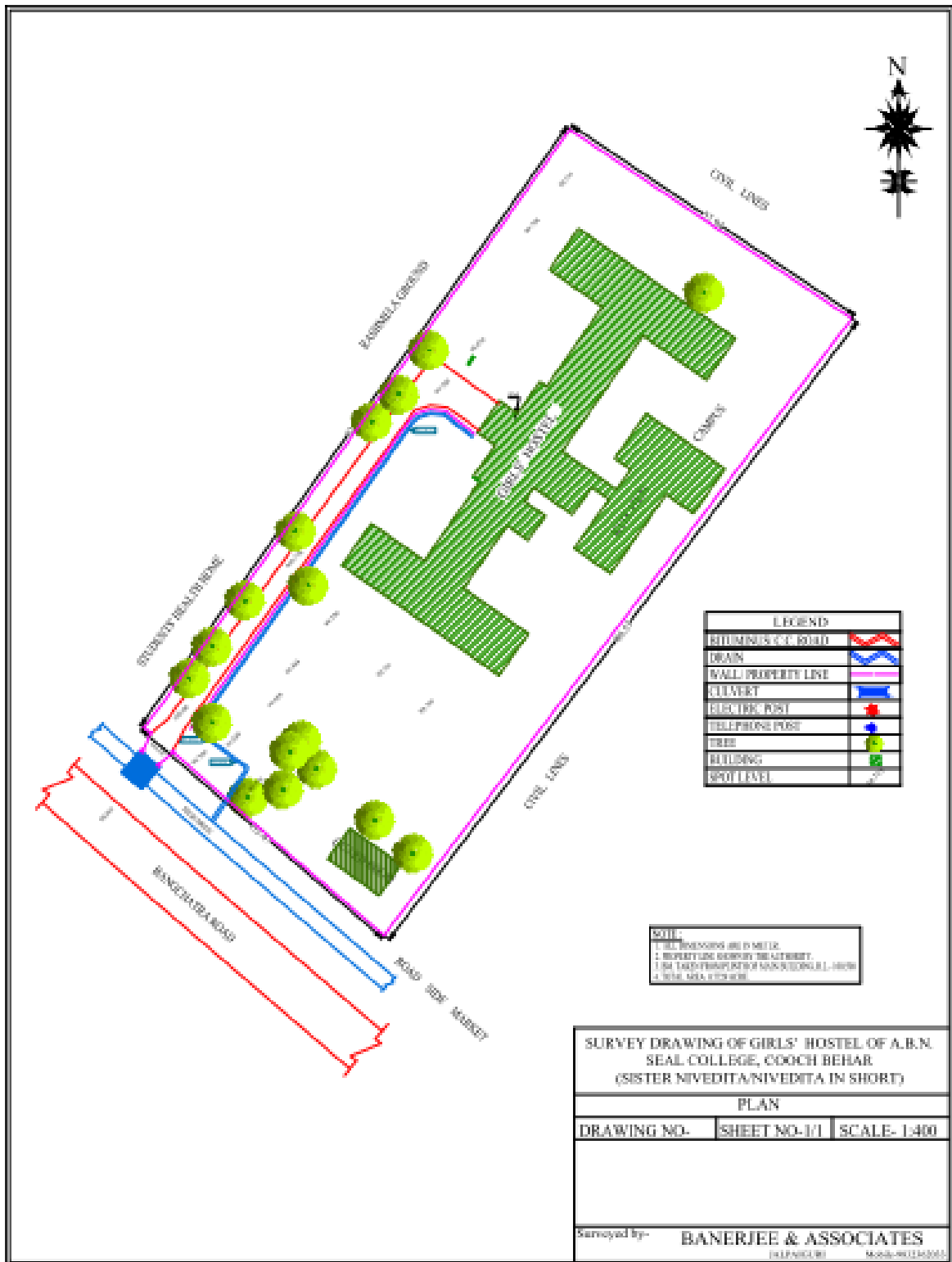
PHOTOGRAPHIC PANEL 3.3



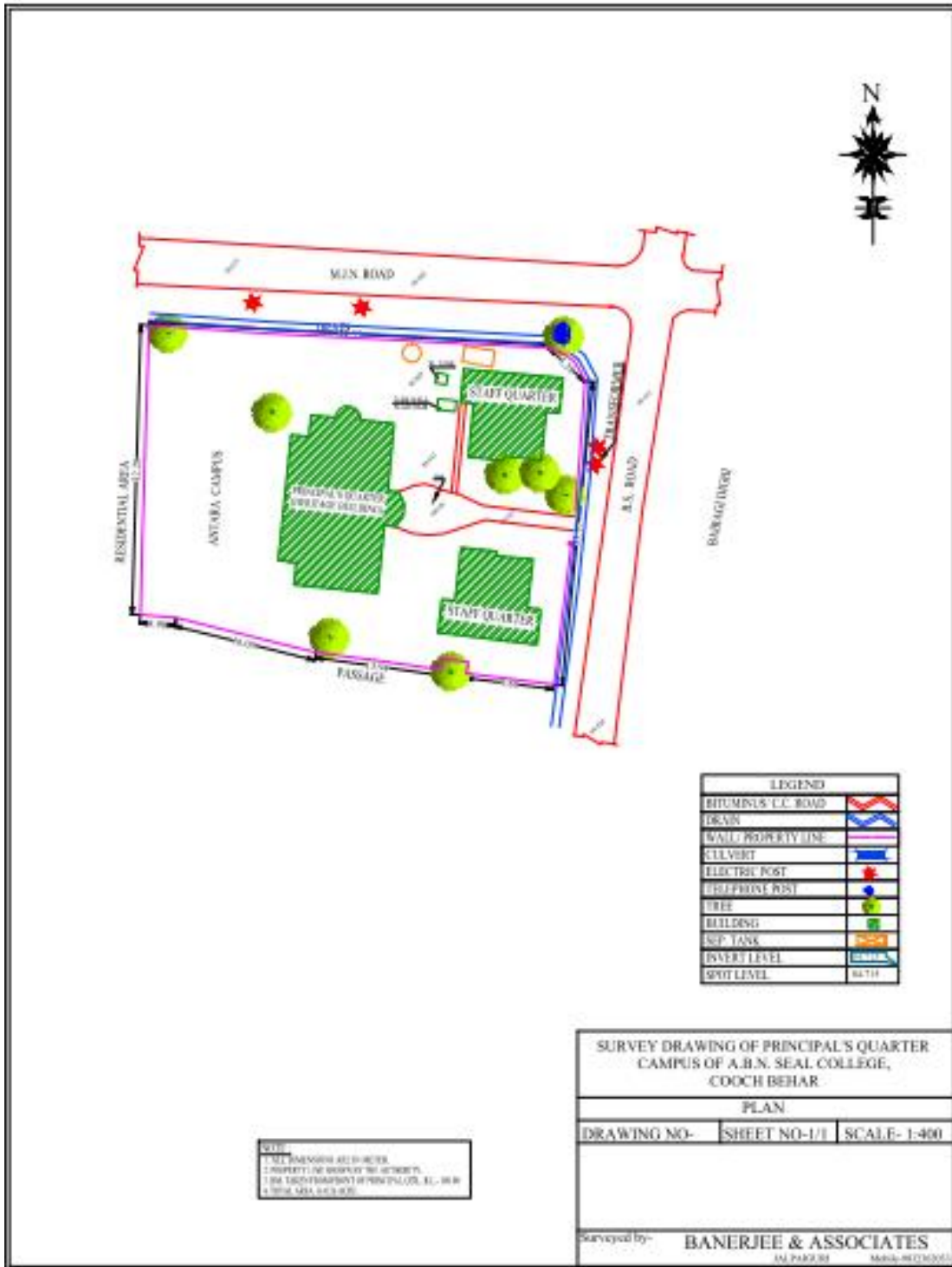
STUDENTS' SEMINAR



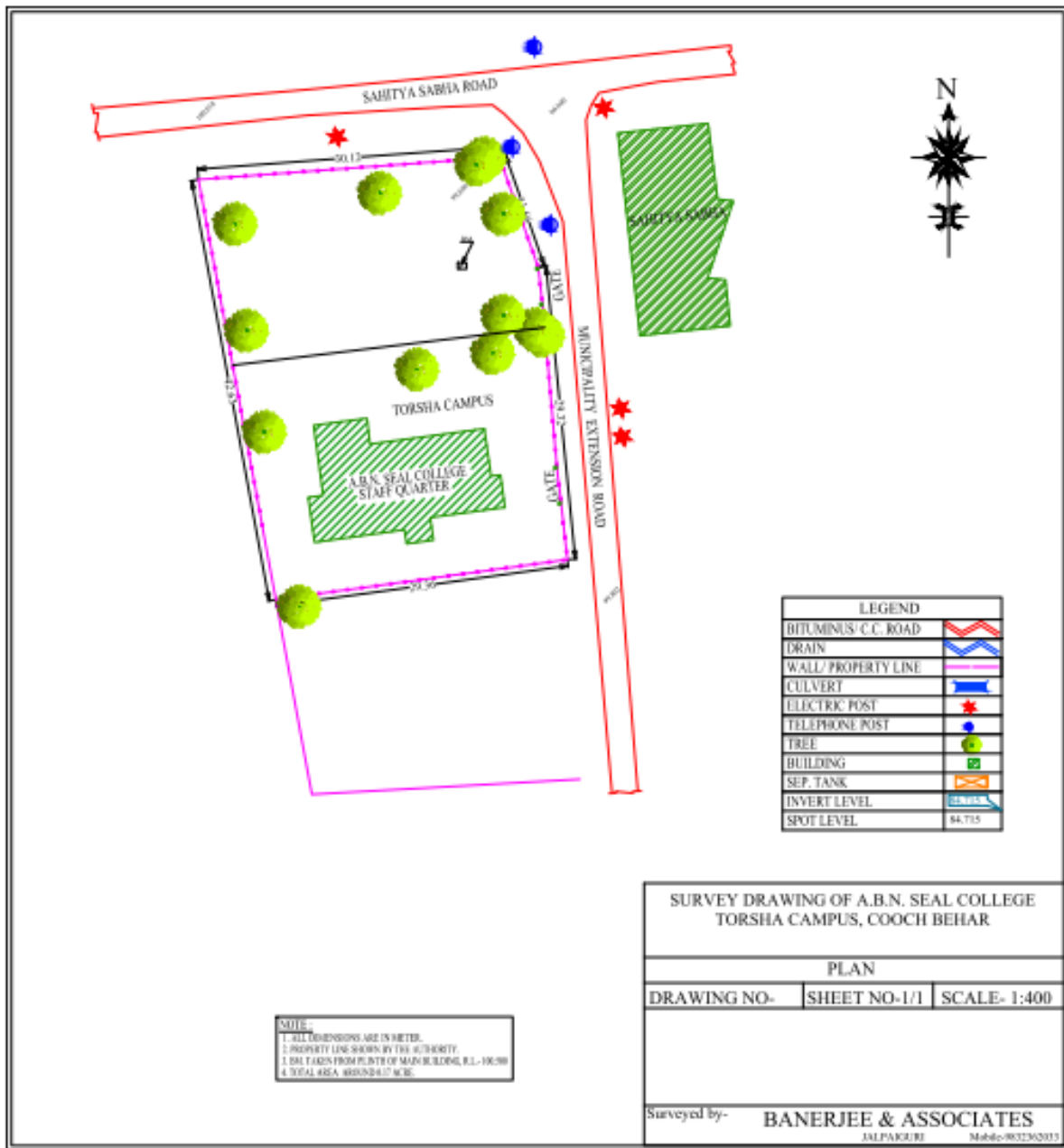
Departmental Memorial Lectures



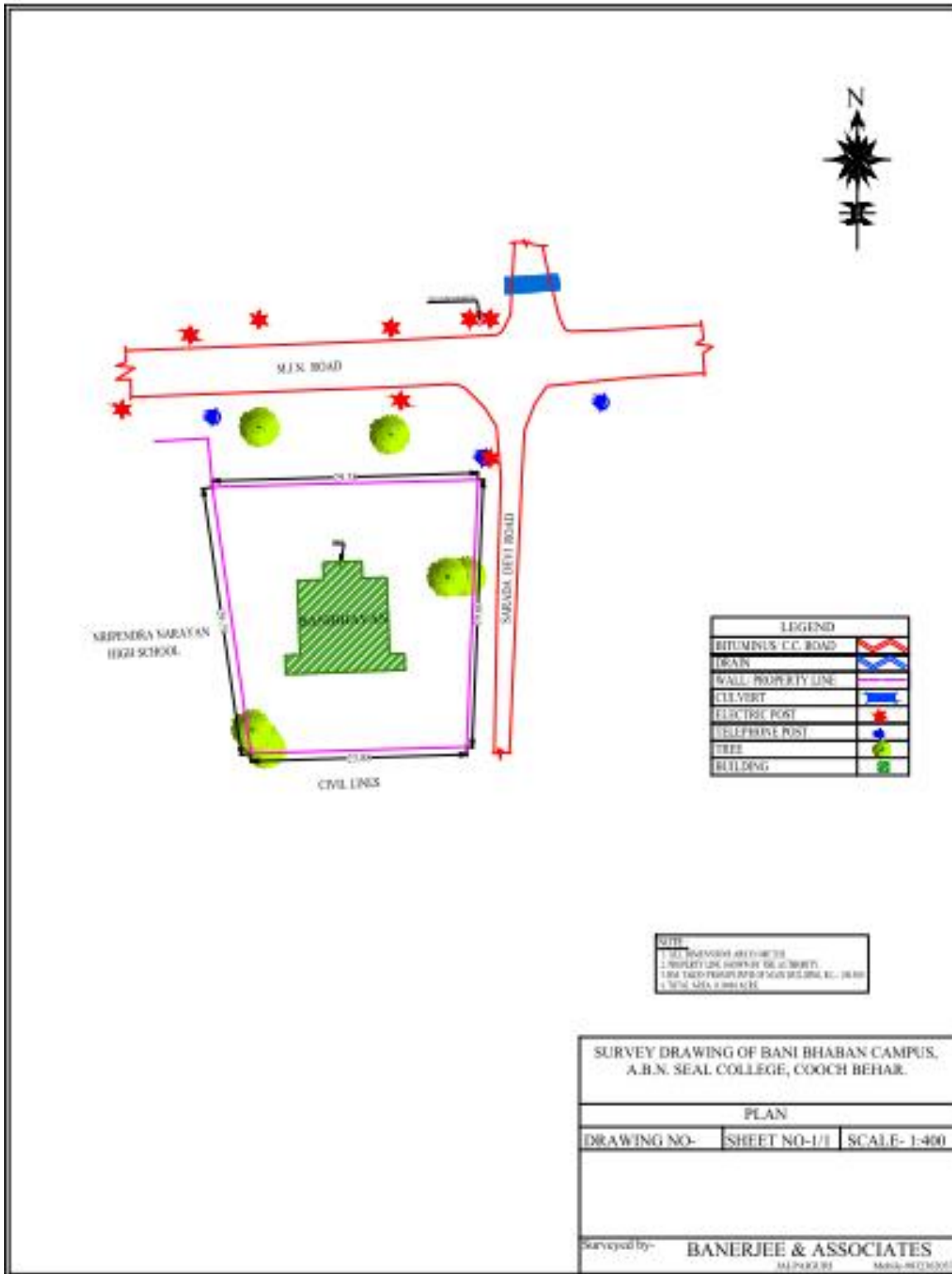
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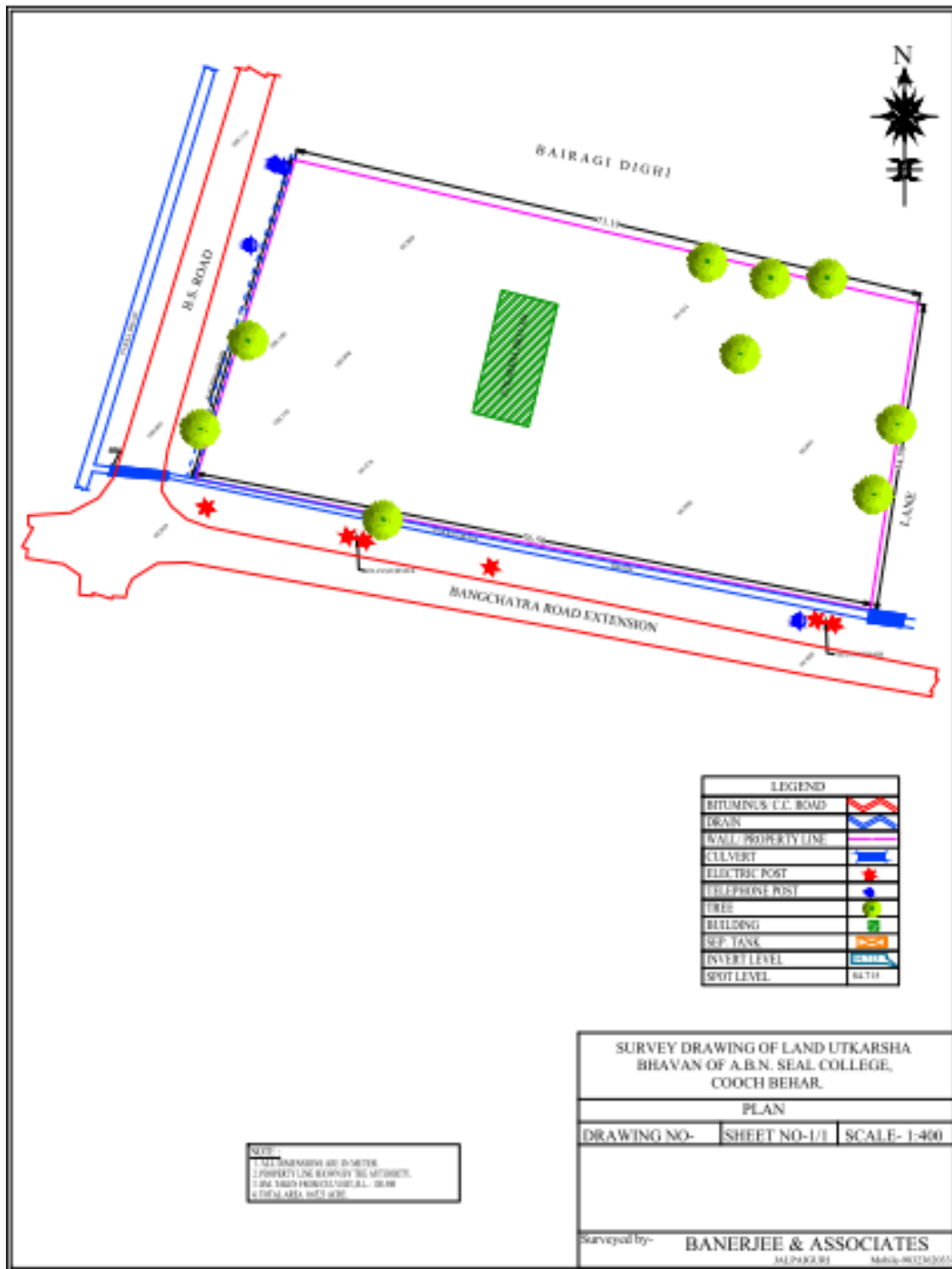
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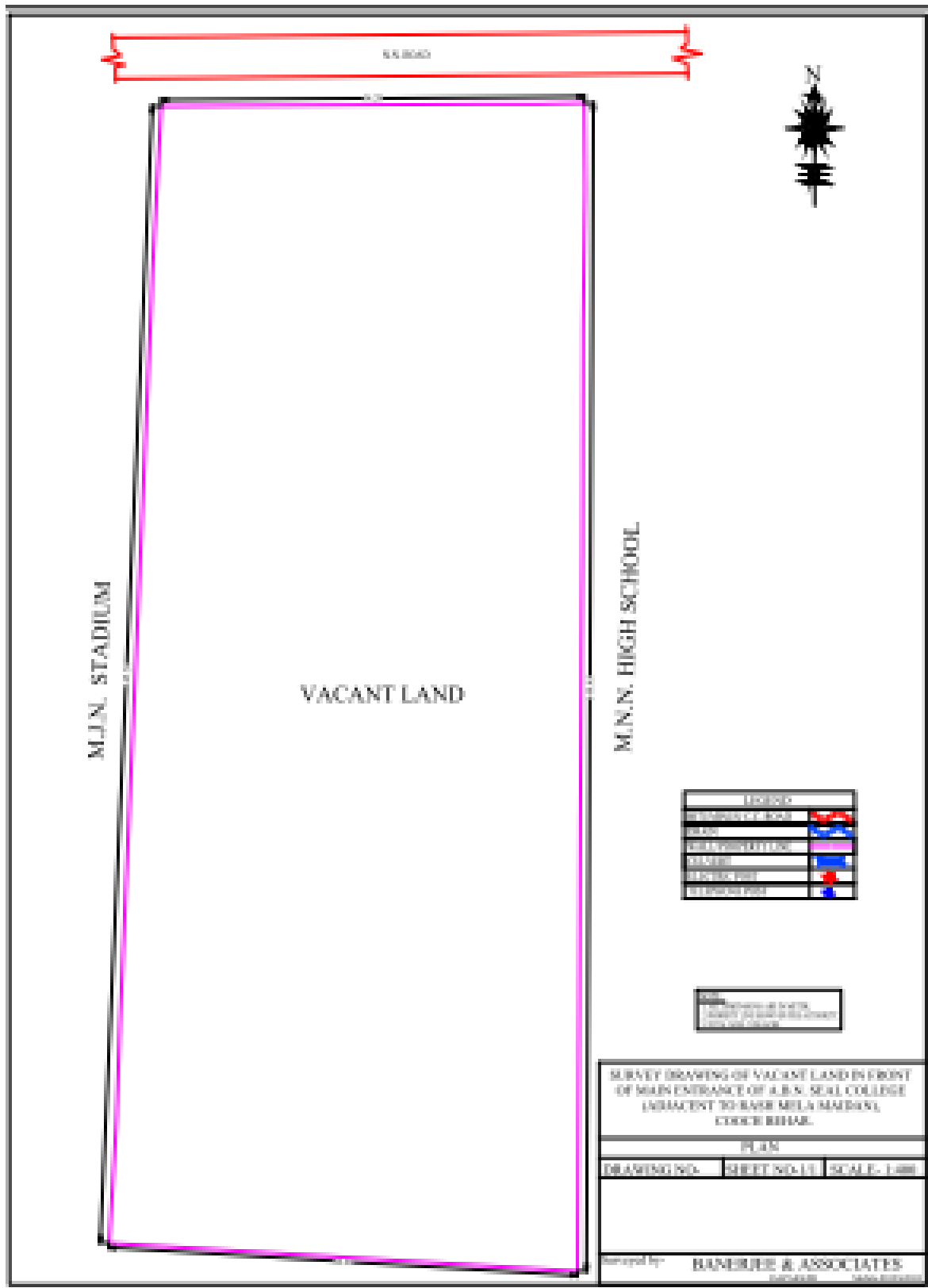
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Part B: PHOTOGRAPHIC PANEL 4.1



ANNEXURE - V
PHOTOGRAPHIC PANEL -5.1



Annual Day of ABN Seal College



Annual Sports

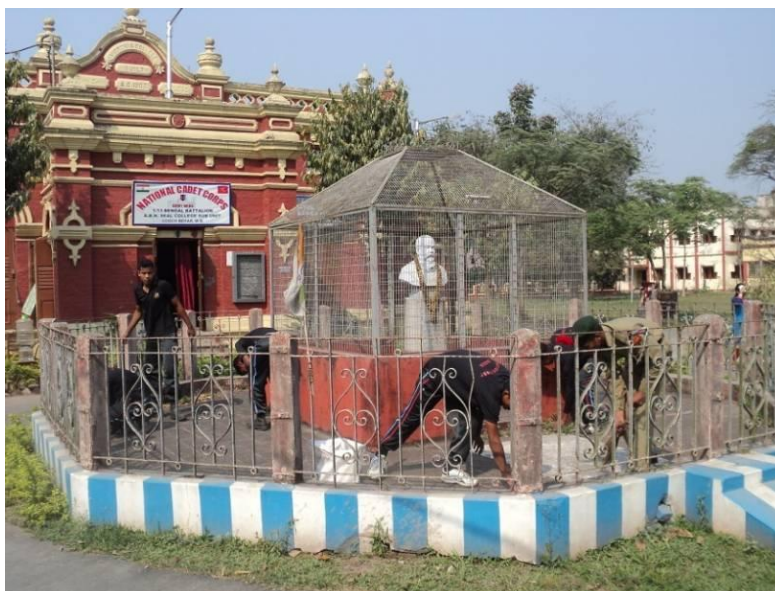
Cultural Programme



Photography and Book Exhibition



Sit and Draw



N C C and N S S Activities

ANNEXURE -VI**Schedule 6.1: The title of the different sub-committees formed under Teachers' Council, A.B.N. Seal College and related functions**

Sl. No.	Title of the sub committees	Related functions
1.	UG Admission Sub-Committee	To conduct UG admission
2.	PG Admission Sub-Committee	To conduct PG admission
3.	Internal Examination Sub Committee	To conduct Internal Examinations especially Comprehensive Final Test Examination
4.	Internal (University) Examination Sub Committee	To conduct Final (University) Examinations
5.	Public Examination conducting Sub Committee	To conduct Public Examinations, viz. JEE, SET etc.
6.	Tabulation sub-committee for both Science and Arts combined	To perform tabulation and compilation of marks of Internal Examination(s) as noted earlier
7.	Routine Sub-committee	To frame master routine and allied
8.	Boy's Hostel Sub-committee	To take care for boy's hostel affairs
9.	Girl's Hostel Sub-committee	To take care for girl's hostel affairs
10.	College Care Taking Sub-committee	To take care for maintaining the infrastructural condition of the College including likely others at well of conditions & solving randomly occurred disorders
11.	College Development & Planning Sub-committee	To identify short, medium and long term developmental problems of the College and prepare the related plans for development
12.	College Landed Property related Sub-committee	To take care of the College landed property and the assets and collect the related papers from the relevant office if not yet collected
13.	Student Affairs Sub- committee	To handle various problems relating to the students' section for the maintenance of discipline , if the situation arises
14.	Anti Ragging Sub-committee	To prevent ragging among the students inclusive of the boarders in both the hostels
15.	Students' Aid Fund Sub-committee	To extend aids to the needy students if possible
16.	Placement Monitoring Sub-committee	To conduct the related issues
17.	PG Entrance and NET/SET Sub-committee	To give relevant assistances in this regard
18.	Cultural and Recreation Sub-committee	To arrange various cultural and recreational programmes in the College
19.	Games and Sports Sub-committee	To Organise various games and sports programmes in the College
20.	Entry –in- Services Sub committee	To arrange classes relevant classes for this
21.	Library Sub-committee	To handle the problems of library and frame the appropriate policy baskets for solution & arrange library related extension activities
22.	Remedial Coaching Sub-committee	To arrange remedial coaching classes especially with the assistance of grant-in-aid from UGC
23.	Computer and Website monitoring Sub- committee	To take care for computers and website of the College
24.	Publication and published material	To run the related activities

	distribution Sub- committee	
25	IQAC /Sub- committee	To perform at best possible level the activities relating to every aspect of the College as desired by the UGC
26	NAAC Sub- committee	To perform NAAC related activities
27	Seminar and Research Sub- committee	To perform the related activities as the situation demands
28	Students' Union Election Sub- committee	To perform activities related to these election process
29	Service Book Sub- committee	To perform the activities for updating Service books of the faculties
30	Income Tax Sub- committee	To edit, assess income tax statements of the employees and do take necessary actions
31	Internal Audit & Account Assessment Sub- committee	To edit and assess the utilization process of the internal non-govt. funds especially
32	Purchase Advisory Sub- committee	To frame the guidelines for implementation and utilization of grants from the State Govt. and the UGC
33	UGC Sub- committee	To deal with the affairs of the UGC
34	CPE Sub- committee	To deal with the CPE affairs (both financial and non-financial)
35	North Bengal and North East Regional Cultural Centre and Museum Sub- committee	To take care for its maintenance and development
36	Central Instrumentation Centre Sub- committee	To take care for its maintenance ,operation and development
37	Grievance Redressal Sub- committee	To deal with the settlement of internal and external grievances
38	RTI Sub- Committee,RTI personnel	To settle the matters of RTI, if any
39	College Canteen Sub- committee	To Take care for maintenance and development of College canteen
40	Women's Cell(Bisakha)	To perform various activities relating to female counterpart of the society

ANNEXURE-VII

NIL

ANNEXURE-VIII
PHOTOGRAPHIC PANEL



Parent-Teacher Meeting



NAAC Steering Committee



DODE: Burdwan University



Educational Tour and Ecological Field Study



IGNOU Study Centre



Non-Teaching Staff



Students' Union Council



Exam Committee and Exam Hall



IQAC



Teachers in Class Room



Instruments Purchased: Funded by UGC-CPE

Annexure – IX

Table: Record of Year wise Students' Financial Assistance

	NAME OF THE SCHOLARSHIP	NO.OF STUDENTS	AMOUNT (IN RS.)
(1)	(2)	(3)	(4)
2010- 2011	Post Matric Scholarship	96	128600
	Sitaram Jindal Foundation	6	16934
	W.B.Govt Merit cum Means	16	189300
2011- 2012	Post Matric Scholarship	98	467300
	W.B.Govt Merit cum Means	37	338950
	Sitaram Jindal Foundation	10	27710
	W.B. Labour Welfare Board	2	7400
	Rastriya Sanskrit Sansthan	31	154000
2012 -2013	Post Matric Scholarship	73	247100
	W.B.Govt Merit cum Means	86	864600
2013 -2014	Post Matric Scholarship	83	297900
	W.B.Govt Merit cum Means	1	16800
2014 -2015	W .B.M.D.F C.	16	76800

ANNEXURE X



UGC Website: www.ugc.ac.in
Ph. 011-23604414 (CPP-I/Colleges)



विश्वविद्यालयअनुदानआयोग
University Grants Commission
(मानवसंसाधनविकासमंत्रालय, भारतसरकार)
Ministry of Human Resource Development,
Govt. of India)
बहादुरशाहजफरमार्ग, नईदिल्ली – 110 002
Bahadur Shah Zafar Marg, New Delhi – 110 002

F.1-1/2016 (CPP-I/C)

July, 2016

The Principal
Acharya B.N. Seal College
Cooch Behar
District Cooch Behar
West Bengal

19 JUL 2016

Subject : Recognition of College under Section 2(f) & 12 (B) of the UGC Act, 1956. Reg.

Sir/Madam,

With reference to your letter No. 313/16 dated 20.04.2016 on the above subject, I am to inform you that the name of **Acharya B.N. Seal College, Cooch Behar, District Cooch Behar, West Bengal** established in the year of 1888, affiliated to **North Bengal University, Darjeeling** has already been included in the list of Colleges maintained under Section **2(f) & 12 (B)** of the UGC Act, 1956 under the head **Government** College teaching upto **Bachelor's** Degree.

Yours faithfully,

Charan Dass
(Charan Dass)
Under Secretary

ANNEXURE XI

**(Evidences regarding University
Affiliation)**

UNIVERSITY OF NORTH BENGAL

Phone : (0353) 582-099(Office)
(0353) 581-383(Resi)

Fax : (0353) 581-212

Visit us at <http://www.nbu.ac.in>
regnbu@sancharnet.in

P.O. NORTH BENGAL UNIVERSITY
Raja Rammohunpur:: Dt. Darjeeling
West Bengal , India, Pin - 734 430



Dr. T. K. Chatterjee
REGISTRAR

Accountant
24/4/2002

Ref. No.: 977/R-2002(18)

Date : 19.4.2002

To
The Principal / Teacher -in-Charge,
A. B. N. Seal College
P.O. Cooch Behar
Pin:- 736 101

Sub: Payment of Affiliation fee to the University @ Rs.3000.00 per annum.

Sir / Madam,

It was informed vide our letter no.2744/R-01 dated 4.9.01 that the Annual Affiliation fee payable by the Colleges affiliated to the University (other than the colleges in Sikkim) in the year 2001 -2002 has been prescribed at Rs.3000.00.

It is regrettable that you have not yet paid the amount although the financial year is over. However, you are again requested to kindly send the dues immediately.

Yours faithfully,

(Signature)
(Dr. T.K. Chatterjee)

NOTE:- This paper is placed here as an evidence of the affiliation of this college under university of W.B. Bengal. This is followed because the letter regarding the same is not available. This may be considered as sufficient in this context.

Cooch Behar Panchanan Barma University

Dr. Debkumar Mukherjee
Registrar



Central Farmer's Hostel
Uttar Banga Krishi Vishwavidyalaya
Pundibari, Cooch Behar
Ph No. (03582)270722
E-mail :- cbpbuniversity@gmail.com
Website:- www.cbpbu.ac.in

Ref.- CBPBU/169

Date:- 31/7/2015

To
The Principal/Teacher-in-Charge

A. B. N. Seal College
P.O. Dist. Cooch Behar

Cooch Behar

Dear Sir,

It is a pleasure on my part to inform you that the Higher Education Department, Government of West Bengal vide its Notification No. 746-Edn(U)/1U(CB)-02/15 dated 30th July 2015 appointed the 30th day of July, 2015 as the "Appointed Day" from which your College shall be deemed to have come under the affiliation of the Cooch Behar Panchanan Barma University, and continue to remain so affiliated until the University otherwise directs.

Accordingly, you are requested to send all papers of registration to the undersigned for those students who got themselves admitted in first year of B.A./B.Sc./B.Com course in your College.

Separate letter regarding this matter will be sent soon giving details.

Thanking you

Yours Sincerely

(Dr. Debkumar Mukherjee)

Registrar

Cooch Behar Panchanan Barma University



Registrar
Cooch Behar Panchanan Barma
University

PART - G





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Acharya Brojendranath Seal College
Place : Coochbehar, West Bengal

Criteria	Weightage (W _i)	Criterion-Wise Grade Point Averages (Cr, GPA)	W _i X Cr, GPA
I. Curricular Aspects	050	3.20	160
II. Teaching-Learning and Evaluation	450	3.07	1382
III. Research, Consultancy and Extension	100	2.65	265
IV. Infrastructure and Learning Resources	100	2.20	220
V. Student Support and Progression	100	3.00	300
VI. Governance and Leadership	150	2.73	410
VII. Innovative Practices	050	3.00	150
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i X Cr, GPA) = 2887$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i X Cr, GPA)}{\sum_{i=1}^7 W_i} = \frac{2887}{1000} = \boxed{2.89}$$

Grade =  **Descriptor** =

Date : September 16, 2008

H. R. ...
Director

- This certification is valid for a period of Five years with effect from September 16, 2008
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denoted C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/46/A & A/133



Government of West Bengal
Office of the Principal
A. B. N. Seal College, Cooch Behar
PIN 736 101



Fax & Tel: 03582-226112 (O)

Memo No.

Date: 11th July, 2016

Declaration by the Head of the Institution

I certify that the data included in this Self Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the Institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.

DR. BIMAL KUMAR SAHA
Officer – in – Charge
A B N Seal College
Officer-in-Charge
ABN Seal College
Cooch Behar

Contact Details:

Name of the Principal/Officer-in-Charge: Dr. Bimal Kumar Saha

Name of the Institution: A.B.N. Seal College, Cooch Behar

City: Cooch Behar

Pin Code: 736101

Accredited Status: B

Work Phone: 03582-226112

Website: <http://www.abnsCollege.org>

Fax:

Email: info@abnsCollege.org