

**SELF STUDY REPORT FOR CYCLE II ACCREDITATION 2014
OF
KRISHNAGAR GOVERNMENT COLLEGE
Krishnagar, Nadia, West Bengal
(Established 1846)**

**NAAC CYCLE I ACCREDITATION (2008): "A" GRADE (CGPA: 3.14)
COLLEGE WITH POTENTIAL FOR EXCELLENCE (2010)**



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.**

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Government of West Bengal
Office of the Principal

Krishnagar Government College

Krishnagar, Nadia, PIN - 741101

Tel: 03472 252863 Fax: 03472 252810

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Memo No. 1118A

Dated 22.10.2014

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

Ref: NAACE&NE/HKA/CYCLE2/RAR/ WBCOGN13708/2014 , 29th May,2014

Sub: Uploading of the Self Study Report of Krishnagar Government College for the Second Cycle of NAAC accreditation in the institutional website

Sir,

In compliance with the requirements of the Letter of Intent (LoI) sent from our end, we are uploading the Self Study Report (SSR) of our college for the Second Cycle of NAAC accreditation of Krishnagar Government College (NAAC Track id: WBCOGN13708) in our institutional website www.krishnagargovtcollege.org. The hard copies of the SSR will reach you within the stipulated time.

This is for your kind information and necessary action,

Thanking you,

Yours sincerely,

Prof (Dr.) Jayasri Ray Chaudhuri
Principal
Krishnagar Government College

Prof. Jayasri Ray Chaudhuri (W.B.S.E.S)
Principal
Krishnagar Government College



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Memo No. 1118B.....

Dated 22.10.2014.

Certificate of Compliance

This is to certify that KRISHNAGAR GOVERNMENT COLLEGE fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/ Body such as [UGC, NCTE, ~~AICTE, MCI, DCI, BCI~~, etc]
3. The affiliation and recognition is 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the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn.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 agreeable that the undertaking given to NAAC will be displayed on the college website.

Prof (Dr.) Jayasri Ray Chaudhuri
Principal
Krishnagar Government College

Prof. Jayasri Ray Chaudhuri (M.B.S.E.S)
Principal
Krishnagar Government College

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SECTION A: Preface

Currently the education system of India, both at the national and state level, is experiencing a transitional phase as it is striving to adjust itself to the process of globalisation and economic reforms. Hence two concepts viz. universalization of education and globalization of education have been injected into the domain of policymaking and planning. While universalization is expected to bring about inclusive development by encouraging the under-privileged segments of the society to participate in the formal learning process, globalisation is attempting to integrate the flow of knowledge in the global space.

Krishnagar College was established based on the education pattern of the Imperial British Raj. In his epochal *Minutes* (1835), Thomas Babbington Macaulay puts greater emphasis on higher education than on education for the masses. By and by the necessity of women's education was also felt, which led to turn this college into a co-educational institution in 1932. Presently, our principal aim is to impart finest quality of higher education to one and all irrespective of differences in gender, caste, creed, religion and socio-economic conditions. This college is located at a distance of 125 Km. from the Metropolis of Kolkata in the District Head Quarter of Nadia District, namely Krishnagar. This is a suburb surrounded by rural atmosphere. Yet, the greater perspective is to help the students to upgrade their socio-economic conditions along with their sense of responsibilities to be good citizens of the nation.

The journey of this educational institute started on 28th November, 1845 in a local rented house located at *Hatarpara*. With the sanction of Lord Hardinge, the then Governor General of India, the college was formally launched on 1st of January and was provided with a grant in 1846 by the British Government. The king (Raja) of Nadia, Srishachandra Roy and the queen (Maharani) of Cossimbazaar of Murshidabad district Srimati Swarnamoyee contributed vast tracts of land for construction of a new college building. Moreover, the local elites also came forward with financial assistance to build up the present palatial building of Krishnagar College. On 1st of June, 1856, the institution was shifted from that rented house to this palace. The first Principal of this college was the eminent Shakespearian scholar Captain D.L. Richardson.

From 1865 to 1999 the college was affiliated to the University of Calcutta. From 1999 onwards this college has been incorporated under the University of Kalyani, located 56 Km. to the south of Krishnagar. Post-graduate teaching was introduced in the Departments of Geography and Philosophy in 2002, in the Department of Bengali in 2008 and in the Department of Zoology in 2010. In 2008 the college was given the status of A Grade with CGPA 3.14 by the National Assessment and Accreditation Council of University Grants Commission and in 2010 it acquired the status of College with Potential for Excellence under the auspices of University Grants Commission. The college has undergone many changes and substantial amount of upgradation has taken place in terms of technology, research and teaching which will be discussed in details in the subsequent sections. Attempt has been made to initiate and incorporate the recommendations suggested in the Cycle I of Accreditation. The limitations and challenges faced by the

institute and the steps taken to overcome the hurdles have been analysed and presented in this Self Study Report for Cycle II Accreditation 2014.

Further expansion of postgraduate courses and research are the primary components in the panoramic vision of this college. Demand exists for the upgradation of the status of this college. Set in a lush green natural environment, the sprawling buildings occupy a small fraction of the total space available as college property. Hence a large area suitable for further expansion of building and infrastructure in future is available. Discipline, peace and harmony are the essential requirements for learning and character building of the younger generation. They have to be equipped for competing in the global space of education, research and jobs. At the same time they need to become responsible citizens both in the global society and in the national civil society. The basic concepts of ethics, time and space should be imparted to this upcoming younger generation in order to generate a constructive attitude and moral purity which will help to build a better, secure, peaceful and harmonious world for all in future.

Dr. Jayasri Ray Chaudhuri
Principal & Professor
Krishnagar Government College

SECTION B: Executive Summary

Established in 1846, Krishnagar Government College has always endeavoured to bring to fruition the dreams of its founder visionaries. Nestling on an area of 36.06 acres of pristine greenery, the college is astoundingly roomy with a build-up area of 9546 square meters. This edifice of learning and holistic enrichment has caught the attention of the state as well as that of the entire nation. The college has been accredited with Grade “A” by NAAC in Cycle I with the CGPA score of 3.14 in 2008. The college was also bestowed with the honour of being a College with Potential for Excellence (CPE) in 2010. The college is now ready for the second cycle of NAAC accreditation. The following are the criterion-wise major points identified by the institute in the process of all-round development of the college.

CRITERION I: CURRICULAR ASPECTS

The vision of the college is to provide access to higher education to a greater section of students from all quarters of the society particularly to weaker section through formal and non-formal learning mode.

- The college is affiliated to University of Kalyani and implements the curricula of the university to all its UG and PG departments. It has no academic autonomy.
- The college offers six Honours (major) courses in Humanities and eight Honours (major) courses in science subjects. It also runs four PG courses and two General UG courses.
- There are various certificate and diploma courses under open distant learning mode of Netaji Subhas Open University.
- All the departments are full of competent and qualified teachers. A large section of them are engaged in high quality research activities.
- The teaching is learner centric. Annual evaluation system is followed for UG courses and semester system is followed for PG courses as per university rules.
- Extensive use of OHP, power point presentation and internet is commonplace in the teaching of science subjects. Students are encouraged to participate in seminars, debates etc and also advised to access internet to get the latest knowledge of the subjects.
- Trips to industries and visits to science laboratories are arranged for science students. Seminars by renowned academicians are also arranged regularly. Parent-teacher-student meets are arranged to discuss the examination results and problems arising out of teaching methodology.
- The Governing body and different stakeholders are kept alert about different enrichment programmes and always try to accommodate the suggestions to improve matters.
- Value education, seminar on communal harmony, rural development, health awareness programmes are held regularly. NSS and other community activities like Freshers’ welcome, blood donation camp, Annual Social etc. are organized to enhance the quality of enrichment.

- A career counselling committee exists for better career options.
- The college has to follow the syllabus framed by the affiliating University. Teachers of the college always respond actively to any call for workshop on changes and reforms in syllabus. They prepare suggestions according to their expertise in the area and their pool of experience as paper setter, moderator and examiner in the University examinations. They also use their experience from the feedback from the students to suggest improvement in teaching methodology.
- Departments participate in the workshops and seminars organised by the universities and research bodies. Teachers also participate in UGC sponsored career oriented courses to enrich themselves.

CRITERION II: TEACHING - LEARNING AND EVALUATION

The college is aware of the fact that Teaching-Learning and Evaluation is the most important step for any educational organization. The following are the major highlights in Teaching-Learning and Evaluation criterion:

- The college ensures wide publicity and transparency in its admission procedure both in UG and PG courses.
- Admission is conducted completely on-line since 2013-2014 academic session.
- Merit is the sole criteria for admission. However, as per government norms seats are reserved for SC, ST, OBC (both A and B Category) and differently-abled students.
- Constant monitoring of the students is done through class tests, student seminars, keeping track of the attendance of students etc.
- Special care is given to the weaker students in the Remedial and Tutorial classes. Advanced students are encouraged to pursue their goals and given assistance by the teachers according to their needs.
- Besides the traditional lecture method, students are initiated to **Interactive Learning** through participation in students seminars, conferences, debates, quiz competition etc. ICT enabled tools like Overhead and LCD Projectors, screens etc are used by the teachers to generate student interest in these seminars and interactive lectures. **Collaborative Learning** is promoted through the educational tours, environmental projects as well as in the laboratory classes.
- The institute organizes invited lectures and seminars to broaden the vista of knowledge among the students and teachers. Most of the departments of the college have organized CPE funded Special lectures delivered by academicians who are renowned in their respective fields. There are FIVE major seminars organized by the college in the last four years.
- The library and the laboratories of the college are constantly augmented through different grants for the benefit of the teaching-learning process. The UGC-CPE Grant was one of the major grants through the utilization of which the college got benefitted.
- The IQAC is an actively functioning unit which through constant

discussion with the Principal, teachers and other stakeholders ensures the successful flow of the teaching-learning process.

- Being a government college, the college doesn't enjoy any autonomy in the recruitment and retention of the permanent teachers. These teachers are appointed by the Higher Education Department, Government of West Bengal as per the recommendation of Public Service Commission, West Bengal. The permanent teachers are transferred across different government colleges across the state as per the government orders issued by the Higher Education Department from time to time. At present (as on 15.10.2014) there are 75 permanent teachers, 12 Part Time Teachers and 7 Guest Teachers. Among the present faculties, 42 teachers have Ph. D. as the highest qualification, 15 have M. Phil as their highest qualification and 37 have PG as the highest qualification.
- The teachers are encouraged to participate in the Orientation Programmes, Refresher Courses, Summer/Winter Schools etc.
- The teachers are also actively encouraged to participate in seminars, conferences etc. as well as to present papers in them.
- The institution ensures that all stakeholders, especially the students and teachers, are aware of the evaluation process by providing requisite information through the Prospectus, Academic Calendar, institutional notification circulated amongst the faculty and students, circulating notifications and circulars from the affiliating university, annual Parents-Teachers Meeting etc.
- The college abides by the evaluation reforms of the affiliating university as and when imposed.
- The college also takes proper measure to redress the evaluation related grievances of the students.
- The result of the college is one of its major areas of strength. Every year the high pass percentage, high number of first classes and significant number of rank holders in the university examination testifies to the student strength of the institute.
- The college has clearly stated learning outcomes and clearly defined strategies to facilitate the achievement of the intended learning outcomes.

CRITERION-III: RESEARCH, CONSULTANCY AND EXTENSION

Although the primary aim of the College is to impart quality education in formal subjects in UG and PG level at affordable cost, the institution has a broader vision to promote research culture among the teachers and the students. The following are the major highlights in Research, Consultancy and Extension criterion:

- The college has a dedicated Research Committee which encourages faculty members to engage in research activities and extends full support in availing finance from funding agencies.

- At present there is one ongoing Major Research Project funded by ICSSR and 10 ongoing Minor Research Projects (8 funded by UGC and one each by ICHR and West Bengal Biodiversity Board) in the College.
- Apart from research projects, teachers are actively involved in pre- and post-doctoral research activities. This is reflected from the huge list of publications (nearly 300, from 2008-14) by the faculty members, of which, about 150 are in peer-reviewed International and National journals.
- Several members of the faculty are acting as Supervisors of Ph.D. students and M.Sc. dissertations.
- The faculty members of the PG Departments and some of the UG Departments also conduct Field Work, Excursions and Study Tours.
- Some of the teachers have collaborated for Interdisciplinary research within the campus and also with other Institutes for pursuing specialized research.
- The Departments of the College organize Seminars and Symposiums from time to time, which provide a platform for inviting eminent scholars and scientists from other Institutes and interacting with them.
- Special grants obtained from UGC-CPE have been utilized in organizing Special Lecture Series, Study Tours and procuring Speciality Instruments and equipments over the years.
- In-house research facilities are being gradually developed over the years which are utilized by several teachers and students for their Ph.D. thesis and M.Sc. dissertation work.
- The Research Committee encourages teachers to participate in Seminars and Symposiums and accordingly, in the last six years a large number of teachers have participated and presented papers in International/national and state level seminars.
- Many faculty members have provided consultancy services to external agencies in honorary capacity.
- Apart from research activity other extension activities are also regularly undertaken by the NSS units of our college.
- The major initiatives of the NSS units have been organizing week-long Special Camps comprising health check-up by renowned doctors, distribution of free medicine, blood donation, Thalassemia screening, awareness campaigns and seminars, etc.
- Some of the Departments have also conducted a large number of social surveys with underprivileged sections of the society which has resulted in wide-spread community awareness.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

Despite being a 168 year old college, Krishnagar Government College believes in the successful combination of the traditional and the modern. In course of time, the college has augmented its infrastructure and has embraced with open hands the modern technologies for upgradation of the learning resources. The following are the major highlights in this criterion

related to Infrastructure and Learning Resources:

- The college built in a sprawling campus of 36.06 acres houses the 158 year Main Building and six other annexes (Philosophy, Bengali, Geography, Physics, Chemistry and Bio-Science) for holding classes of different academic departments.
- Several annex buildings are allotted for Principal's quarter, two Boys' hostels, one under construction Girls' Hostel, staff quarters, students' canteen, separate common rooms for boys and girls, gymnasium, cheap canteen for students and teachers etc.
- The college is well equipped with several laboratories with modern state of the art equipments in the science departments, computer and internet facility. Some of the classrooms have been upgraded into smart classrooms.
- Infrastructural spaces or other arrangements are allotted to different cells like IQAC, Grievance Redressal Unit, Health Care Centre etc.
- The college library is rich in books. It houses many rare and out-of-print books. Making use of the LIBSYS software data entry of 11,112 library books has been completed. Two fumigation chambers have been installed and INFLIBNET facility has just been introduced.
- Besides the Central Library, there are seminar library facilities for each academic department.
- The college gives increasing importance to ICT tools. There are now two Computer Network Centres in the college. There are 21 laptops and 75 desktop computers in the college and the number is ever increasing. These computers are constantly upgraded with latest versions. 15 Computers are equipped with internet connectivity.
- Introduction of CCTV surveillance in the college campus.
- Being a government college, the college in itself cannot provide any fund for construction and maintenance of buildings. The college, however, keeps constant interaction with the Higher Education Department, West Bengal and the PWD (Nadia Construction Division), PWD (Construction Board) and PWD (Electrical) to ensure construction and maintenance of building infrastructure and electrical connection.
- The college has a website of its own www.krishnagargovtcollege.org. The website is updated regularly. On-line admission process is conducted through this website.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

The College comprises students from diverse geographical, social and economic backgrounds. Socially and economically disadvantaged students are provided financial support with various scholarships, endowments and free ships. The students from distant areas are provided with hostel facility. Majority of the students either progress to higher studies or gain employment after they leave the college. The Career Counseling Cell provides updated information to the students about various job opportunities, scope and

prospects of further studies along with some study material for competitive examinations. So far as the result of the University examinations are concerned, the college has enjoyed a high percentage of success compared to the University average, most of the times in recent past. The following are the major highlights in this criterion:

- The college publishes a prospectus every year which is issued to the students seeking admission to the college. The prospectus contains extensive information about the college and its curriculum. An academic calendar pertaining to college activities throughout the year is published on behalf of the college.
- Different types of financial assistance are provided to the students enabling them to continue with their studies by the State Govt., Central Govt. and a few other agencies.
- Students belonging to the SC/ST/OBC and economically weaker sections of the society are taken care of by the college beginning from admission into the college.
- The college provides a healthy environment to the students through several welfare means such as cheap canteen, the Students' Health Home Scheme, Grievance Redressal Cell, Career Counseling Cell and a fully functional Students' Section in the college office.
- The college has an active Anti-ragging Cell and an Anti-Ragging Squad to take prompt action in case of any untoward incidents on college premises.
- The college has constituted a committee on Gender sensitization and prevention of sexual harassment, although not a single case has been formally reported so far.
- Record keeping of student progression is done by means of personal contacts at the initiative of faculty members, social networking sites, alumni association, reunion arranged from time to time.
- The college has an elected Students' Union which actively participates in organization of various co-curricular and extra-curricular activities such as programmes of Study Circle, Mock Parliament, various cultural programmes, indoor and outdoor game competitions, annual sports meet etc.
- The Students' Union also has representation in various academic and administrative bodies to facilitate smooth functioning of the college.
- The college has a distinguished list of alumni and a recognized Alumni Association which keeps close contact with the authority for the overall development of the college.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

An educational institution which has clearly-identified vision and mission and is ably led by clear sighted leaders is bound to achieve excellence. Administration is a vital part of educational institution and Krishnagar

Government College has always believed in progression through proper governance, leadership and management for a holistic development of the college. The major points in this regard are enumerated below:

- The college runs with the vision to build a young generation who can act as essential components in the process of cultural, socio-economic and environmental sustainable development as individuals, communities and a nation.
- It is the mission of the college to promote inclusive education and development amongst all economic sections of the society without gender-bias.
- The Principal is the key element in developing the organizational structure, formulating and implementing the strategy of development. It is her responsibility to ensure the operation of an efficient fiscal and human resource management system which will promote the best practices of the institution.
- Being a government college, this institution is administered directly by the Higher Education Department of Government of West Bengal. Budget allocation and all the appointments, confirmation, promotion, transfer of Principal, teaching and non-teaching staff are being controlled by the Department of Higher Education.
- The Principal, as per discussion and resolutions adopted by different recommending bodies, including The Governing Body recommends and forwards the respective matter for approval of the Education Directorate and Higher Education Department. Once the proposal is approved, the execution of work is done with the assistance of all concerned under the supervision of the Principal.
- To implement the institutional strategic plans different academic and administrative committees and sub-committees are constituted.
- Through the Students' Union, the college regularly receives the report regarding the fulfillment of all their academic needs as well as the welfare programmes like scholarship, free studentship, health awareness etc.
- The college teachers represent the Post Graduate and Under Graduate Boards of Studies of the University of Kalyani.
- Tender Committee and Purchase Committee operate the purchasing procedure and the Principal on discussion with the Departmental Heads, sets guidelines of fund distribution.
- The institution neither can accumulate capitation fees from the students (at the time of admission) to enrich its resources nor it can directly take any step to develop or even repair any infrastructural component. In spite of that, the college always tries to mobilize its internal resources for its betterment.
- Through its unit of Netaji Subhash Open University, the college helps a big part of the young generation of its locality to continue their study in different branches.
- The institution has a Grievance Redressal Cell.
- The grants received by the college are regularly audited by the registered auditors and the Audit and Accounts Department of the

Government of West Bengal conducts detail audit of all accounts in every four years.

- The Internal Quality Assurance Cell (IQAC) plays a major role to reinforce the culture of excellence and under its leadership, the faculty members are always encouraged to update themselves and to inject the updated knowledge to their students.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

The Innovative measures and the Best Practices adopted by the college in the last four years are listed below:

- Monitoring the environmental balance within the campus through measures like organizing Tree Plantation programme, declaring the campus as No-Smoking and No-Plastic zones, organizing seminars on environmental issues etc.
- Publication of the college Academic Journal “Conscientia” [ISSN 2278-6554].
- Regular student seminars and internal assessment in each departments.
- Emphasis on dissertation papers and project works in the PG Courses.
- Introduction of UGC Funded Remedial Courses for SC, ST and OBC (non-creamy layer) students and UGC Funded Entry in Services Courses in 2010.
- Organization of Value Based Educational lectures and programmes.
- Introduction of Anti-Ragging Cell and Anti-Ragging Squad as necessary disciplinary measures in 2013.
- Salary of the staff through COSA software.
- Computerized collection of students’ fee and partial digitization of office records.
- Two best practices have been identified by the college — i) Promotion of Research activities among the Teaching Faculty and ii) Introduction of Complete Online Admission Process. The teachers are involved in active research works of high quality which give proof to their academic mobility; administratively, the introduction of complete online admission process has turned admission into a hassle-free and error-free process for all concerned.

SWOC ANALYSIS

❖ Strengths

- The college has evolved over 168 years and is the oldest centre of higher education for a very large hinterland. At present it is a large institute providing education to approximately 3000 students. With renowned scholars, British and Indian as teachers, over time it has earned for itself a very high reputation in the field of higher education for the entire state of West Bengal. Its regional setting

has enhanced its significance as a centre of learning thereby ensuring the economic viability of the institute.

- As the college began its journey with donation of land by the royal family of the district, the area owned by the college is very large and only about 6.54% of the area currently forms the built up area. Hence there is no dearth of space for further expansion of infrastructure. The lush green spacious environment provides a beautiful and peaceful ambience which is conducive to concentration and learning. Moreover sufficient space for playing facilities is an asset.
- The college was originally affiliated to the University of Calcutta and was later shifted to the University of Kalyani. Under both the Universities the academic performances of the students have been exemplary and all the current parameters indicate that for most of the years the result of the students of the college is better than the average for the University and other colleges.
- The college is playing a significant role in inclusive education by catering to the needs of education for the economically weaker sections of the society coming both from urban and rural background.
- The college is contributing significantly to female education both at the undergraduate and postgraduate levels.
- The significance and demand for postgraduate teaching by the college is increasing and data reveals that the result of female students at the postgraduate level is improving significantly.
- Though research by teaching staff has been a strength of the college for a long time, but formal participation in research has improved substantially since the introduction of postgraduate courses. Lately with the encouragement of UGC and the State Government increasing emphasis is being laid on funded research and publication as discussed in the subsequent chapters. Research projects and peer reviewed publications both in national and international journals are representing increasing contribution and in higher academic field leading to healthy participation in the process of globalization of education.
- As the college has General courses for the less meritorious students it is also playing an important role in the process of universalization of education.
- The long journey over time has ensured the gradual building up of a large and highly enriched library with many rare publications. Many contemporary scholars of other Universities are referred to the library in search of books.
- There has been a concerted attempt to upgrade the technological component in the institute and there has been active participation of the teaching and non-teaching staff in the process. The lack of resistance for adoption of updated technology in the form of computerization of admission, office administration and library as well as in the departmental activities is a healthy and progressive sign which can promote more modernization, provided funding is available for upgradation of the status of the institute.

- Two residential hostels for boys exist and one hostel is under construction for ladies.

❖ Weaknesses

- As the institute has no autonomy, its contribution in curriculum designing and modification is very limited.
- At present only four subjects offer postgraduate courses, though considerable amount of demand exists in other subjects as well. Introduction of postgraduate courses in other subjects will require expansion of infrastructure including construction of new buildings. The already existent postgraduate courses also suffer from lack of sufficient space as classrooms and laboratories. New expansion is becoming essential. This requires funds for construction.
- Management of such a large area needs more security arrangement and strengthening of boundary walls for the different units. Proposal has been made to the State Government for increasing the security arrangement of the institute. One step for that purpose has been taken in the form of installing 16 CCTVs in the campus. Further expansion of the facility is required. Estimates have been forwarded to the State Government for strengthening the boundary walls and providing more professional security personnels.
- Though the teaching staff strength has been enhanced by filling up of vacant posts by the State Government, vacancies for Librarian and non-teaching staff need to be filled up. The matter is being considered by the higher authority. More librarians are required to expedite the processes of generating accession numbers, stock verification and computer cataloguing of books and journals.
- Further technological upgradation is required.
- Rectification of most of the above mentioned weaknesses require more funding.

❖ Opportunities

- Sufficient space exists for physical expansion of buildings and facilities.
- Higher status with more autonomy may be considered in order to usher in innovations, expansion and upgradation.
- Further expansion of postgraduate courses will benefit the area as considerable demand exists for provision of opportunity for postgraduate studies. Kalyani University located at a distance of 56 Km. is the main centre offering postgraduate and research facilities in the district. Few colleges have opened postgraduate courses at a smaller scale. Therefore sufficient opportunity as well as need exists for such expansion in this old and large institute of higher education. Proposals for new postgraduate subjects have been forwarded to Government of West Bengal.

- Proposals for introduction of new General course subjects like Gender Studies, Human Rights and Theatre Studies have been forwarded to University of Kalyani.
- The proposal for continuation of CPE status in the 12th Plan includes proposal for funding the opening of a Women's Studies Centre.
- Computer infrastructure and Language Laboratory has been established with CPE funding where self-financing or Add-on courses of computer applications and functional English classes or spoken English classes are being planned to be opened in the near future in collaboration with other institutes like Society for Natural Language Technology Research.
- Hostel facilities exist for the students and are also being enhanced for female students. Such an infrastructure can be better harnessed for disseminating higher education to the surrounding hinterland.
- The Library needs more reorganization and the process of computerization needs to be completed at the earliest. It has more than 1 lakh books. Simultaneously bar coding has to be introduced.
- Though certain amount of computerization has been introduced in the office with the introduction of COSA software and e-bantan system, the accounting system needs to be further improved through the introduction of the software 'Tally'. It will enable better management of fund flow for various purposes. This has become important in the face increasing inflow of research and development grants. This flow of fund is likely to increase further in future making more efficient management a dire necessity.
- Opportunities exist for enhancing the security and communication system in the campus. Already CCTV and intercom facilities have been installed which will be further expanded.
- Though LAN and internet facilities exist in different parts of the campus, they need to be integrated into a more comprehensive system covering the entire campus. High speed broadband facilities through optical fibre networking and Wi-Fi facilities are being planned. Such facilities have to be extended to all the departments, central library and hostels.
- A new and large auditorium is required for cultural activities.

❖ Challenges

- The above mentioned plans require more funding.
- Upgradation of status and more autonomy will require structural and statutory changes.
- Such a change is likely to gear the institute to play a greater role in the competitive process of globalization leaving the function of universalization of education to other smaller institutes.
- The development of a perspective plan for a longer period with short term sub-plans is dependent on the State Government policy as the institute being a State Government organization is entirely guided by the State Government rules and regulations pertaining to recruitment of staff, income and expenditure. All employees are

subject to the West Bengal Service Rules and West Bengal Financial Rules.

- The State Government, however, welcomes proposals for development.
- Academic planning is entirely dependent on University of Kalyani, though the University welcomes suggestions.

SECTION C: Profile of the College

1. Name and Address of the College:

Name : Krishnagar Government College		
Address : P.O.- Krishnagar, Dist- Nadia, W.B, Pin- 741101		
City : Krishnagar	Pin : 741101	State : West Bengal
Website : www.krishnagargovtcollege.org		

2. For Communication:

Designation	Name	Teleph one with STD code	Mobile	Fax	Email
Principal	Prof Jayasri Ray Chaudhuri, Ph.D. (Cambridge,UK)	O: 03472-252810	+919830587699	03472-252810	jrcbrabourne@yahoo.com
		R:033-24286230			kgcollege1846@gmail.com
Vice Principal	NOT APPLICABLE				
Steering Committee Co-ordinators (Joint)	Dr. Anupam Chakraborti	R: 033-25825709	+919163434061	03472-252810	anupach@yahoo.com
	Dr. Pintu Banerjee		+919832129050		pintu.banerjee@rediffmail.com

3. Status of the Institution:

Affiliated College	<input checked="" type="checkbox"/>
Constituent College	<input type="checkbox"/>
Any Other Specify	<input type="checkbox"/>

4. Type of Institution:

a. By Gender

i. For Men	<input type="checkbox"/>
ii. For Women	<input type="checkbox"/>
iii. Co-education	<input checked="" type="checkbox"/>

b. By Shifti. Regular 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:

NOT APPLICABLE

6. Sources of Funding:Government Grant-in-Aid Self-Financing Any Other

7. a. Date of establishment of the college: 28/11/1846
(dd/mm/yyyy)

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

University of Kalyani, W.B.

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	00-00-1956	The college was included u/s 2 (f) of UGC Act since the inception of UGC
ii. 12 (B)	13-07-1976	Vide memo no. UGCV 904, 907/GR'W (SC) 76-77

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

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

Under Section/ Clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	NONE	N.A	N.A	NONE
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

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

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**.....
(dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agencyN.A..... and

Date of recognition:N.A..... (dd/mm/yyyy)

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

Location *	Urban
Campus area in sq. mts.	145929.64 square mtrs.
Built up area in sq. mts.	9546 square mtrs.

(* 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** ✓- One

- **Sports facilities**

- * play ground ✓- Three
- * swimming pool
- * gymnasium ✓ - Two

- **Hostel**

- * Boys' Hostel

i. Number of Hostels: 02

ii. Number of Inmates: 100

iii. Facilities (Mention available facilities): Well furnished rooms, pure drinking water, library, television etc.

- * Girls' Hostel

i. Number of Hostels: 01 (Under construction)

ii. Number of Inmates: N.A

iii. Facilities (Mention available facilities): N.A

- * Working women's hostel: NONE

i. Number of inmates: N.A

ii. Facilities (mention available facilities): N.A

- **Residential facilities for teaching and non-teaching staff** (give numbers available — cadre wise): Government Quarters are available . Non-teaching-16.

Teaching –General Govt. Quarters are available for group A Govt. employees..

- **Cafeteria** - ✓ - Two

- **Health centre** - ✓ - One

First aid, Inpatient, Outpatient, Emergency care facility,

Ambulance (Arranged from the local government hospitals when the situation demands).

➤ **Health centre staff -**

Qualified Doctor	Full time	<input type="text"/>	Part-time	<input type="text"/>
Qualified Nurse	Full time	<input type="text"/>	Part-time	<input type="text"/>

- **Facilities like banking, post office, book shops-** None
- **Transport facilities to cater to the needs of students and staff-** None
- **Animal house -** None
- **Biological waste disposal -**None
- **Generator or other facility for management/regulation of electricity and voltage-** Yes - 4
- **Solid waste management facility –** None
- **Waste water management –** None
- **Water Harvesting -** None

12. Details of programmes offered by the college (Give data for current academic Year)

2014-2015 SESSION

Sl. No.	Programme Level	Name of the Programme/ Course	Duration (In years)	Entry Qualification	Medium of Instruction	Sanctioned/ Approved Student Strength	No. of Students Admitted
1	B.A (HONOURS)	BENGALI	3	**	Bengali	77	79
		ENGLISH	3	**	English	77	76
		SANSKRIT	3	**	Bengali	77	75
		HISTORY	3	**	Vernacular/ English	77	75
		PHILOSOPHY	3	**	Vernacular / English	77	62
		POLITICAL SCIENCE	3	**	Vernacular / English	65	47

2	B.SC. (HON OURS)	MATHEMATICS	3	**	Vernacular / English	70	71
		ECONOMICS	3	**	Vernacular / English	65	21
		GEOGRAP HY	3	**	Vernacular / English	55	56
		PHYSICS	3	**	Vernacular / English	41	47
		CHEMISTRY	3	**	Vernacular / English	41	41
		ZOOLOGY	3	**	Vernacular / English	41	45
		BOTANY	3	**	Vernacular / English	41	42
		PHYSIOLO GY	3	**	Vernacular / English	36	35
3	B.A GENERAL		3	**	Vernacular / English	152	149
4	B.SC. GENERAL		3	**	Vernacular / English	72	68
5	PG ARTS)	BENGALI	2	Pass in B.A(H) in Bengali	Bengali	70	51
		PHILOSOP HY	2	Pass in B.A(H) in Philosophy	Vernacular /English	60	57
6	PG SCIENCE	GEOGRAP HY	2	Pass in B.Sc(H) in Geography	Vernacular / English	30	30
		ZOOLOGY	2	Pass in B.Sc(H) in Zoology	Vernacular / English	20	19

7	Integrated Programme PG	NONE
8	M. Phil.	NONE
9	Ph.D	NONE
10	Certificate courses	NONE
11	UG Diploma	NONE
12	PG Diploma	NONE
13	Any Other (specify & provide details)	NONE

**** Basic requirements, rules and regulations for admission in 1st Year Hons. and General Course:**

1. The following conditions (regarding marks) are to be fulfilled by an applicant seeking admission in Hons. Course.
 - 1.1 Aggregate of 45% marks in the previous examination (+2), 55% marks in relevant subject or related subjects.
Or
 - 1.2 Aggregate of 50% marks in the previous examination (+2), 45% marks in relevant subject or related subjects.
Or
 - 1.3 Aggregate of 55% marks to be obtained where the applicant has not studied the relevant subject or related subjects.
 - 1.4 Relaxation of 5% in total aggregate for the SC/ ST applicants.
2. An applicant of B.A. (General) Course should have 40% aggregate marks in the best 5 subjects and B.Sc. (General) Course should have 45% marks in the best 5 subjects respectively in the previous examination. Passing the +2 examination is the only criterion for SC/ST applicants.
3. Subjects related to Economics: Mathematics, Statistics, Commerce and Business Mathematics.
4. Subject related to Philosophy: Psychology.
5. If Hons. Subject is Chemistry, the candidate should pass out in Chemistry, Physics and Mathematics in the previous examination (+2).
6. If a candidate seeks admission in Mathematics as the Hons. or a General subject, he/ she should pass out in Mathematics in the previous examination (+2).
7. If a candidate seeks admission in Physics as the Hons. or a General subject, he/ she should pass out in Mathematics and Physics in the previous examination (+2).

8. If a candidate seeks admission in Botany, Zoology and Physiology as the Hons. or a General subject he/ she should pass out in Life Science/ Biology in the previous examination (+2).
9. All the applicants must pass out in English in the previous examination (+2).

Sports Quota (Reserved Seats):

1. One seat reserved in sports quota for B.A. /B.Sc. Hons. candidates.
2. 5% seats (not more than two) are reserved for B.A. /B.Sc. General candidates.

Eligible games:

1. For male candidates: Athletics, Badminton, Basket Ball, Cricket, Foot Ball, Gymnastics, Hand Ball, Hockey, Kabaddi, Kho-Kho, Table Tennis, Volley Ball.
2. For female candidates: Athletics, Badminton, Basket Ball, Gymnastics, Hand Ball, Hockey, Kabaddi, Kho-Kho, Table Tennis, Volley Ball.

Parameters of eligibility:

1. Playing experience in Games and Sports of minimum 02 years at the Inter-University Level.
2. Participation in Sports Competitions in District/State/State (Jr.)/Inter-District Open/Inter-State Level.
3. Certification from State Level Games Organization, DSA/DSSA is only valid.

13. Does the college offer self -financing programme?Yes No

If yes, how many?

NA

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

Yes	√	No		Number	01
-----	---	----	--	--------	----

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.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG		PG	Research
		Hons.	Gen		
Science	Physics	√	√		
	Chemistry	√	√		
	Mathematics	√	√		
	Botany	√	√		
	Zoology	√	√	√	
	Physiology	√	√		
	Economics	√	√		
	Geography	√		√	
	Statistics		√		
Arts	Bengali	√	√	√	
	English	√	√		
	Sanskrit	√	√		
	History	√	√		
	Political Science	√	√		
	Philosophy	√	√	√	
Commerce	NONE				
Any Other (Specify)	NONE				

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

- a. annual system
- b. semester system
- 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).....N.A.....
(dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

.....N.A.....

Date:N.A.....

(dd/mm/yyyy)

Validity:.....N.A.....

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

Programme separately?

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).....N.A.....
(dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

.....N.A.....

Date:N.A.....

(dd/mm/yyyy)

Validity:.....N.A.....

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

Positions	Teaching faculty						Non teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
Sanctioned by the UGC / University / State Government	03+1(PRINCIPAL)		89				60		1	
Recruited	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
		01	06	06	33	29	33	3	1	0
<i>Yet to recruit</i>	03		15				24		0	
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>	NONE									
<i>Yet to recruit</i>	N.A									

21. Qualifications of the teaching staff: (as on 15.10.2014)

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D. Sc./ D.Litt.	x	x	x	x	x	x	x
Ph. D.	x	1*	6	5	15	9	36
M. Phil.	x	x	x	x	3	6	9
PG	x	x	x	1	15	14	30
Temporary Teachers (Guest Faculty)							
Ph. D.	x	x	x	x	3	0	3
M. Phil.	x	x	x	x	2	0	2
PG	x	x	x	x	2	0	2
Part-time Teachers							
Ph. D.	x	x	x	x	2	1	3
M. Phil.	x	x	x	x	2	2	4
PG	x	x	x	x	3	2	5

* She is also the Principal of the college

(Note: This list includes the teachers on lien and the Librarian of the college)

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

07

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

Categories	2011-12		2012-13		2013-14		2014-15*	
	Male	Female	Male	Femal	Male	Female	Male	Female
SC	117	131	165	109	238	89	253	151
ST	15	11	23	07	15	06	10	16
OBC	No Data	No Data	69	53	106	53	86	89
General	279	310	337	239	273	236	309	232
Others								

24. Details on students enrollment in the college during the current academic year (2013-2014):

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is	2267	309			2576
Students from other	2	0			2
NRI students	0	0			0
Foreign students	0	0			0
Total	2269	309			2578

25. Dropout rate in UG and PG (average of the last two batches):

UG 06-08%

PG 01%

26. Unit Cost of Education

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

(2013-2014 session)

(a) including the salary component

Rs. 22849

(b) excluding the salary component

Rs. 581

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.

NETAJI SUBHASH OPEN UNIVERSITY (NSOU)

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No **28. Provide Teacher-student ratio for each of the programme/course offered**

Sl. No	Programme Level	Name of the Programme/ Course	No. of Teacher	No. of Students	Teacher-Student Ratio
1	B.A (HONOURS)	BENGALI	7	207	1:30
		ENGLISH	3	200	1:69
		SANSKRIT	4	212	1:53
		HISTORY	7	213	1:30
		PHILOSOPHY	8	162	1:20
		POLITICAL SCIENCE	3	159	1:53
2	B.SC. (HONOURS)	MATHEMATICS	5	164	1:33
		ECONOMICS	4	48	1:12
		GEOGRAPHY	12	152	1:13
		PHYSICS	6	90	1:15
		CHEMISTRY	5	86	1:17
		ZOOLOGY	7	96	1:14
		BOTANY	4	107	1:27
		PHYSIOLOGY	4	69	1:17

3	B.A (GENERAL)		32	426	1:13
4	B.SC. (GENERAL)		47	78	1:2
5	PG(ARTS)	BENGALI	7	131	1:19
		PHILOSOPHY	8	120	1:15
6	PG (SCIENCE)	GEOGRAPHY	8	56	1:7
		ZOOLOGY	7	32	1:5

Note: For the UG departments , the No. of Students column includes the total no. of students for all the three undergraduate years – 1st Year, 2nd Year and 3rd Year. For the PG departments, the No. of Students column includes the total no. of students for two years – 1st Year and 2nd Year .

29. Is the college applying for

Accreditation :Cycle 1 Cycle 2 Cycle 3 Cycle 4

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: 16.09.2008 (dd/mm/yyyy) Accreditation Outcome/Result. A
(CGPA: 3.14)

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

Cycle 3:N.A..... (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

198

32. Number of teaching days during the last academic year

156

33. Date of establishment of Internal Quality Assurance

Cell (IQAC) 10.12.2008.....

(dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i)(2009-10) 10.05.2010 (dd/mm/yyyy)

AQAR (ii)(2010-11) 20.01.2012 (dd/mm/yyyy)

AQAR(iii)(2011-12) 08.02.2014 (dd/mm/yyyy)

AQAR(iv)(2012-13) 30.04.2014 (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

The college has applied to be recognized as DBT Star College by Department of Bio Technology, Government of India in 2014 and is awaiting the decision of the same.

SECTION D:
Criterion Wise Evaluative Report

CRITERION I: CURRICULAR ASPECTS

1.1 CURRICULUM PLANNING AND IMPLEMENTATION

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.

Vision

- ✚ To evolve an updated sophisticated Centre of Higher Education and Research catering to a large diverse hinterland
- ✚ To build a young generation who can act as essential components in the process of cultural, socio-economic and environmentally sustainable development as individuals, communities and a nation.
- ✚ To equip and enable students to integrate with the global knowledge society of the coming century.
- ✚ To ensure a democratic, secular, cultured and intellectual environment so that students of all caste and creed can exchange their views and build themselves up to operate not only as responsible individuals but also as a productive, efficient and conscientious team.

Mission

- To disseminate Higher Education to a large regional hinterland
- To promote inclusive education and development amongst all economic sections of the society without gender bias
- To propagate higher education amongst women with increasing emphasis on post graduate studies and research
- To equip and empower students with relevant knowledge, competence and creativity to face global challenges.
- To emphasize value education to create human resources with modern view and foresight who can contribute to the national development by catering to the needs of the economy, society and country as a whole.
- To restrain brain drain by gradually increasing the intake capacity in higher education in order to cope with the rapid increase in aspiring students in a scenario characterized by universalization and globalization of education.
- To promote analytical and empirical study in basic and social sciences, and humanities leading to contribution in higher level of research amongst the faculty members and students.

The vision and mission of the institution are propagated to the students, teachers, staff and other stakeholders through prospectus, college website, college magazines, notifications and interactions at various forums.

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).

The college implements the curricula of its affiliating university i.e Kalyani University to all its Undergraduate and Postgraduate departments. Regular unit based class tests are conducted in many subjects. Students are advised to use e-resource in all subjects and educational tours are arranged in practical based subjects like geography, Zoology and Botany. In some subjects like Geography, Chemistry, Physics etc industrial visits are organized to provide interaction with the industrial sector. Field based subjects regularly organize field trips with mandatory student participation. In laboratory based subjects demonstrative teaching along with power point presentation is used to elucidate the topics. Students are encouraged to give seminars on topics both in and out of syllabus and for this separate classes are included in the routine. Special classes are arranged as and when necessary for the weaker students.

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

The University issues circulars regarding the change in syllabus and pattern of questions regularly to its affiliated colleges. It also invites teachers from its affiliated colleges to workshops arranged by it to discuss these matters time to time and takes suggestions from them regarding syllabus, teaching process, text books suitable to the course and evaluation techniques.

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.

Some of our teachers are members of UG and PG board of studies. They offer valuable suggestions regarding the syllabus. The college implements and administers the syllabus with due sincerity. Regarding teaching the college teaches the syllabus framed by the University from all angles. The teaching is broadly based on books prescribed for the syllabus by the University. Journals, available in the library, are also used for teaching. Students, especially PG students are advised to use internet facility. Dissertation has been included into the syllabi as a compulsory item for PG students.

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

Visits to industries are organised for students of Chemistry, Geography etc. Departments participate in the workshops and seminars organised by the University and other research bodies. Teachers also participate in the UGC

sponsored career oriented courses. These are the main ways to implement the curricula.

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, specific suggestions etc.

Teachers from different departments are inducted as members of UG Board of Studies. Some of the teachers of all the PG departments are members of PG Board of Studies. There are no ways to give suggestions or student feedback to the University other than through the members of the Board of Studies.

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.

As the college has no academic autonomy, it is at present not possible to develop independent curriculum for any course.

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

The University conducts examinations annually. The result of the college as a whole is discussed in the teachers' meeting. The results of the class tests are also discussed in the departmental meetings. Feedback from the students is also taken department wise.

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.

The Institution does not offer any such course at present but is planning to start a computer training programme for the students of the college with the help of Society of Natural Language Technology Research (SNLTR), a society sponsored by IT department of Govt. of West Bengal, WEBEL. It will include specially designed 2-year computer diploma course, and other diploma courses in Communicative English, Public relation and Advertising. A Computer laboratory with 13 computers and a Language laboratory with suitable modern software have been set up with CPE funding will be used for the course.

There are various courses under open distant learning mode of Netaji Subhas Open University (NSOU) also:

1. Certificate course in Human Rights,
2. Certificate course in English communication,
3. Bachelor Preparatory Programme in Commerce and Art,

4. Bachelor Degree Programme in Bengali, English, History, Political Science., Public Administration, Sociology, Commerce, Economics,
- 5 Bachelor of Library & Information Science
6. Masters of Library & Information Science
7. Post Graduate Programme- Bengali, English, History, Pol. Sc., Public Administration, Sociology, Education, Commerce, Mathematics, Social Work.
8. Diploma in Sishu Siksha Training
9. Diploma in Consumer Affairs
10. PG Diploma in Cooperation
11. PG diploma in Journalism and Mass Communication
12. PG Diploma in Public relation and Advertising
13. PG Diploma in English Language teaching.

1.2.2. Does the institution offer programme that facilitate twining/dual degree? If 'yes', give details.

The college does not offer any such programme at present.

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. Issue may cover the following and beyond:

• Range of Core /Elective options offered by the University and those opted by the college

The College has Core options at the UG level in English, Bengali, Sanskrit, History, Philosophy, Political Science in Arts. It has Core options in Physics, Chemistry, Mathematics, Botany, Zoology, Physiology, Economics and Geography in Science stream. All of these subjects except Geography and Statistics are available in Elective mode. In addition, the college offers General Degree courses in B.A. and B. Sc.. The college also runs four PG courses in Bengali, Philosophy, Zoology and Geography under University of Kalyani.

In all UG courses Environmental Science and two language subjects Bengali and English are included as compulsory subjects.

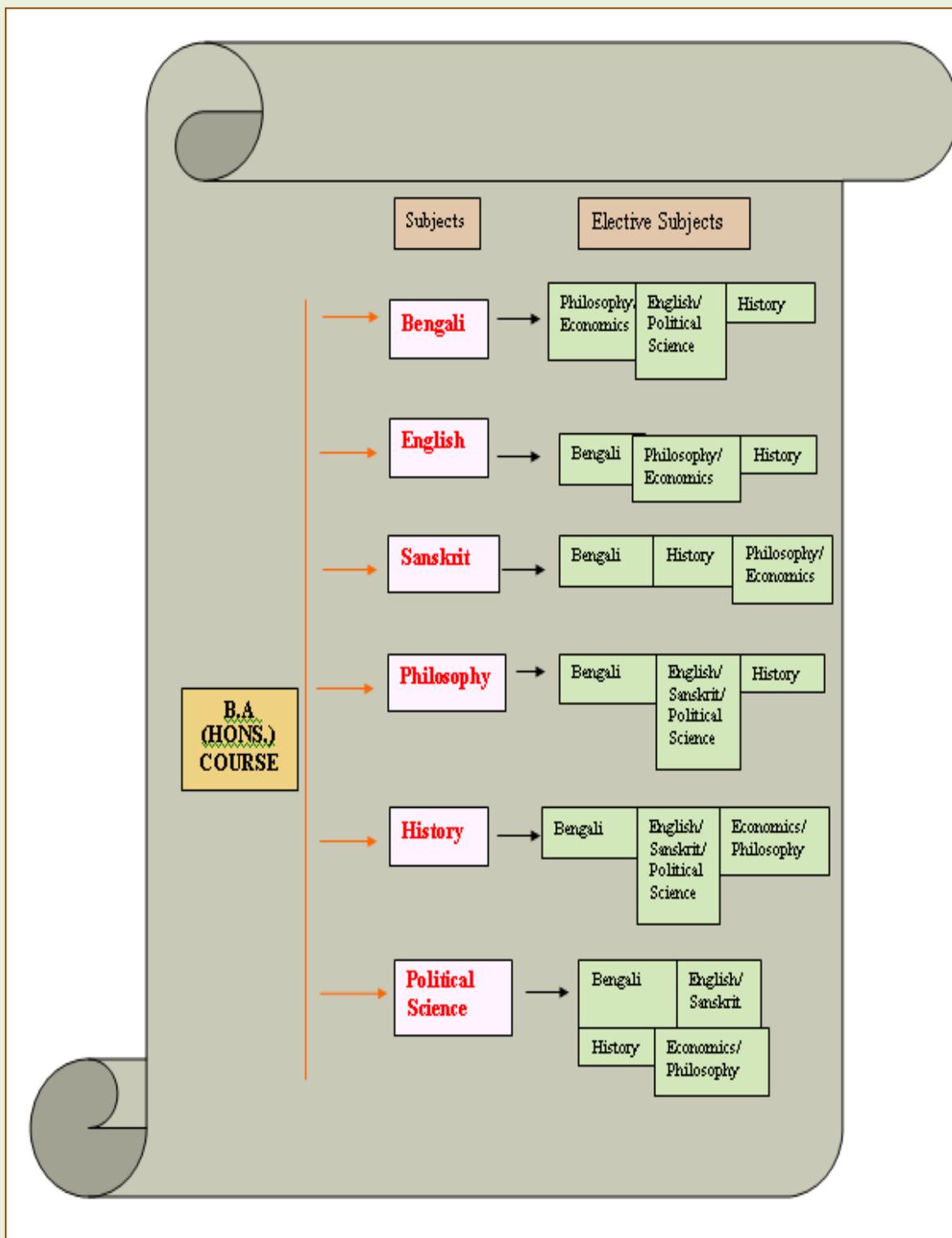


FIGURE 1.1: CORE SUBJECTS AND ELECTIVE SUBJECTS OF B.A HONOURS COURSE

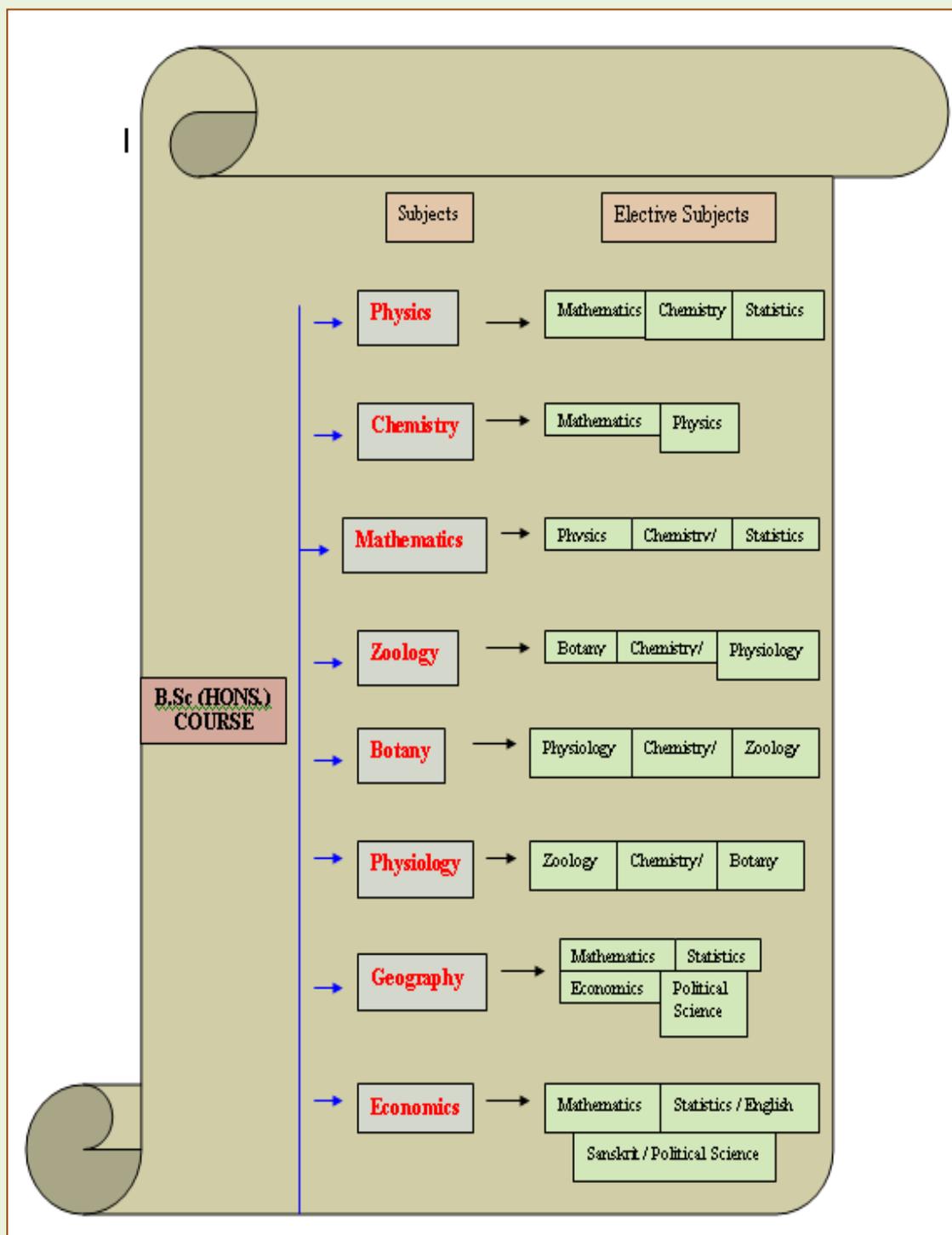


FIGURE 1.2: CORE SUBJECTS AND ELECTIVE SUBJECTS OF B. SC HONOURS COURSE

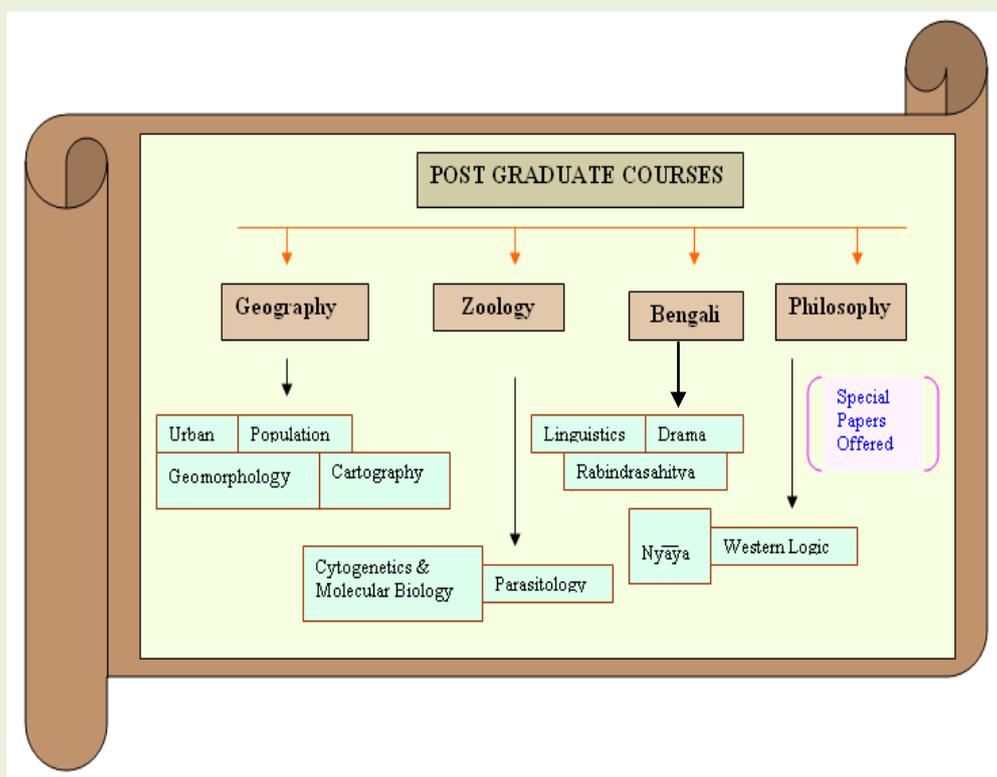


FIGURE 1.3: SUBJECTS AND RESPECTIVE SPECIAL PAPERS OFFERED IN POST GRADUATE COURSES.

- **Choice Based Credit System and range of subject options**

Kalyani University does not allow choice-based credit system.

- **Courses offered in modular form**

At the UG Level the University has introduced annual evaluation and has restructured syllabi in subjects offered at this college in unit models. The PG syllabi are all in modular form.

- **Credit transfer and accumulation facility**

Kalyani University does not allow transfer of credit and accumulation between institutions or courses between institutions.

- **Lateral and vertical mobility within and across programmes and courses.**

This is not permissible under the existing norms for affiliated colleges of Kalyani University.

• Enrichment courses

No such courses are offered at present.

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 college does not offer such courses at present.

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 has no academic autonomy in its UG and PG courses and it has no such skill oriented programme related to employment directly. But there is an entry in services programme which is used to prepare the students for jobs like IAS, WBCS etc.

1.2.6. Does the University provide for the flexibility of combining the 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?

Under the existing system, there is no scope of combining face-to-face with distance mode of learning, although both of these are approved by our affiliating university.

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?

The present system of affiliation of colleges to the University has no such opportunity. However, we strive to ensure that students are made aware about the most up-to-date trends of the subject concerned.

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?

As the college cannot design its courses due to its nature of affiliation main thrust is given to the teaching methodology. The students are advised and encouraged to lay stress on critical thinking.

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?

Environmental Science has been made an integral part of the UG syllabi for all subjects and the students have to submit a project report on it. Syllabus for Political Science at the UG level contains theoretical and practical aspects of Human Rights. Extensive use of OHP, Power point presentation and internet is common place in the teaching of the science subjects. Sophisticated softwares like GIS, GEOMATICA, TNT-MIPS etc are used in Geography. Class rooms with e-learning facilities have been set up with CPE funds. Internet facilities have been extended to most of the departments. Lectures have been organised on climate change, earthquake, tsunami, pollution effects give an exposure to the students. Students are encouraged to compete in poster competition and to present papers on such issues and problems.

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

- **Moral and ethical values:** Value education, Seminar on communal harmony, rural developments etc. are held regularly.
- **Employable and life skills:** Health awareness programmes like Thalassemia screening and talks on health risks are held.
- **Better career options:** The Career Counselling Cells takes necessary measures in this regard.
- **Community orientation:** NSS activities, Organization of Seminars & College fest, Freshers' welcome, Saraswati Puja, Blood donation camps are held in every year.

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

The college makes arrangement for Parents-Teachers Meet regularly to discuss the examination results and any problem arising out of teaching methodology. Apart from these any student is free to come to his/ her departmental teacher about the problem faced by him/ her. There is a disciplinary committee which discusses more important problems regarding general educational atmosphere in the college so that a stress free learning environment prevails. Committee on Gender Sensitisation and Prevention of Sexual Harassment Committee, Anti-ragging Committee and Squad and a Grievance Redressal Cell have been constituted for taking remedial action on their domain specific problems.

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

The Departmental teachers are vigilant to the need of the students and always endeavour to solve their problems. The IQAC and Governing body are kept informed about the different enrichment programmes and always try to

accommodate the suggestions to improve matters. An active Grievance Redressal Cell is in place. NSS and other community activities like Freshers' welcome, Saraswati Puja, Teachers' Day celebration, Annual Social etc. are used to monitor the quality of enrichment.

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?

The college has no academic autonomy. However, teachers of the college have always responded positively to any call for change in the syllabus. They prepare suggestions according to their expertise in the area and from their pool of experience as University paper setters, moderators and examiners, and submit these for consideration by the University. Geography department has designed the syllabus of special papers of M. Sc. Course like Population Geography, Urban Geography and Geomorphology. Dr. Anupam Chakraborti, Head of the department of Economics has developed a manual for entrepreneurship to be used by the students majoring in Economics of all the affiliated colleges. Books written by the faculty members of different subjects have influenced the contents of the syllabus of some specialised fields like Regional Planning.

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?

There is no scope for use of this kind of feedback on curriculum from the students. If academic autonomy is granted, then such feedbacks can be used to develop the syllabus at the UG level. Still our teachers try to use the conclusions derived from the students' feedback form in the meeting of the board of studies. The analysis of the students' feedback form helps the teachers to rectify their mode of teaching and reorganise the contents of their lectures so as to meet the requirements of the students.

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?

- PG course in Zoology introduced in 2010.

As the number of students majoring in the subjects increases year by year there is a local pressure to open up scope for higher studies for these students. Keeping this factor into consideration mind we have introduced PG courses in our college in the aforementioned subjects. For a long time PG courses were only taught in Kalyani University in Nadia district. In the face of rising

demand for PG courses it became necessary to upgrade and equip selected colleges for PG teaching. The supply – demand ratio for PG courses for this college (**See Table 2.6 in Criterion II**) clearly highlights the high demand for higher education in the area surrounding the college.

Moreover the increasing participation of highly qualified teaching staff in research activities (as illuminated by increasing no. of research projects and publications) reflected the viability of expanding the PG level education in this college.

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 STUDENT ENROLLMENT AND PROFILE

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

Publicity

❖ The college is aware of the fact that proper publicity is an essential requirement to attract quality students in the institution. The most important medium for dissemination of admission related information is the college website www.krishnagargovtcollege.org. The website is regularly updated with admission related information like eligibility criteria, intake capacity of each departments, dates of issue and submission of forms, publication of merit list (provisional and final), dates of counselling and admission etc. All these notices are also put up in the college notice boards.

❖ The publicity for college admission is also done through the college prospectus. The bi-lingual college prospectus is uploaded in the institutional website. The printed copies of the prospectus are circulated to all the applicants. The prospectus provides extensive information regarding the Courses offered, Structure of Fees, Faculty Profile, Scholarships and financial support to the economically weak students, Hostel and other facilities, rules and regulations of our College and the affiliating University etc. The prospectus is updated every year to provide latest information to the students seeking admission in our College.

❖ The publicity of the admission is also done through the local cable network.

❖ Admission notice for UGC funded “Entry in Services” Courses is advertised in local dailies as well as uploaded in the institutional website.

Transparency

❖ Ensuring transparency in admission process has always been prioritized by the institution. The Admission Committee of the college is selected annually. It plays major role in framing the admission criteria for both UG and PG courses based on the guidelines of University of Kalyani, the affiliating university. It also monitors that transparency is not violated at all in the admission process. The following steps are strictly followed — notification, online issue and submission of forms, preparation of merit list for each Honours subjects and general courses, display of merit lists showing obtained marks in the previous qualifying examination against the short listed candidates in the college notice board, and finally admission through open counseling in presence of students, parents, teachers and the members of the Students’ Union. The entire counselling process is video recorded. Complaints from any stakeholders are promptly dealt with. There is no scope for any manipulation in this open and transparent admission process.

❖ A major step in ensuring transparency in the admission process has been the introduction of complete online process since the 2013-2014 academic session. After submitting the admission forms online, the applicants have to pay the requisite fees at any branch of the designated bank (*United Bank of India* in the last two sessions). The technological side of this online admission process is maintained by a competent outsourced agency.

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.

Admission in different courses is done strictly on the basis of merit. The students are admitted on the basis of marks obtained in the last qualifying examination, i.e (10+2) marks are considered for admission in the UG Courses and UG results are considered for admission in PG Courses. Admission is done strictly following the reservation rules for SC, ST, OBC and physically disabled students.

There is no provision for conducting any Entrance Examination in the UG Courses. For admission in the PG Courses, the college doesn't take any Entrance Examination. However, since the 2013-2014 academic session onwards, in accordance with the recommendation of the West Bengal State Council of Higher Education (WBSCHE), 60% PG seats are reserved for students of the home university and the remaining 40% seats are open to graduates of all universities, including the home university. There is a provision for Entrance Test for the second category of graduates conducted by the university itself and the corresponding Merit Lists are sent to the college. Students are admitted by the college authority following an Open Counselling method.

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 percentage of marks for admission at entry level for each of the programmes offered by the college and a comparative analysis with three other colleges of the same city and district is given below in tabular form:

**TABLE 2.1: COMPARATIVE CHART FOR ENTRY LEVEL
ADMISSION DATA IN 2014 IN UG (HONOURS) COURSES**

**Krishnagar Government College (KGC)
Dwijendra Lal College, Krishnagar (DLC)
Krishnagar Women's College (KWC)
Nabadwip Vidyasagar College (NVC)**

UG Honours

Srl. No.	Programme	College	Highest Percentage (Unit in %)	Lowest Percentage (Unit in %)
1.	Bengali	KGC	83.6	59.0
		DLC	78.0	60.3
		KWC	78.1	44.5
		NVC	83.4	41.0
2.	English	KGC	90.3	56.1
		DLC	83.3	68.5
		KWC	89.5	53.5
		NVC	87.0	51.2
3.	Sanskrit	KGC	82.8	58.3
		DLC	80.8	68.5
		KWC	73.5	46.5
		NVC	78.4	41.4
4.	History	KGC	89.0	56.5
		DLC	78.6	45.1
		KWC	79.6	48.8
		NVC	81.0	45.4
5.	Philosophy	KGC	86.1	49.3
		DLC	79.5	46.5
		KWC	78.6	48.0
		NVC	67.4	46.2
6.	Political Science	KGC	79.8	44.5
		DLC	62.8	46.6
		KWC	64.1	51.0
		NVC	67.8	40.2
7.	Geography	KGC	90.3	65.8
		DLC	85.3	75.1
		KWC	83.5	63.0
		NVC	NA	NA
8.	Economics	KGC	73.6	50.0
		DLC	NA	NA
		KWC	65.0	46.6
		NVC	63.6	58.2

9.	Physics	KGC	93.1	68.8
		DLC	NA	NA
		KWC	NA	NA
		NVC	88.2	54.2
10.	Chemistry	KGC	92.5	71.8
		DLC	NA	NA
		KWC	84.0	58.0
		NVC	83.2	47.8
11.	Mathematics	KGC	92.0	60.3
		DLC	NA	NA
		KWC	84.8	53.8
		NVC	79.0	66.4
12.	Botany	KGC	83.3	46.5
		DLC	NA	NA
		KWC	NA	NA
		NVC	71.2	51.8
13.	Zoology	KGC	86.8	56.3
		DLC	NA	NA
		KWC	NA	NA
		NVC	80.6	58.6
14.	Physiology	KGC	79.8	53.1
		DLC	NA	NA
		KWC	NA	NA
		NVC	NA	NA

**TABLE 2.2: COMPARATIVE CHART FOR ENTRY LEVEL
ADMISSION DATA IN 2014 IN UG (GENERAL) COURSES**

UG General

Srl. No.	Programme	College	Highest Percentage (Unit in %)	Lowest Percentage (Unit in %)
1.	B.A General	KGC	77.2	30.8
		DLC	58.6	25.0
		KWC	91.4	30.0
		NVC	No Data	No Data
2.	B. Sc General	KGC	76.8	50.2
		DLC	NA	NA
		KWC	66.8	43.8
		NVC	No Data	No Data

**TABLE 2.3: COMPARATIVE CHART FOR ENTRY LEVEL
ADMISSION DATA IN 2014 IN PG COURSES**

PG Course				
Srl. No.	Programme	College	Highest Percentage (Unit in %)	Lowest Percentage (Unit in %)
1.	Bengali	KGC	59.2	41.6
		DLC	NA	NA
		KWC	NA	NA
		NVC	NA	NA
2.	Philosophy	KGC	74.2	42.1
		DLC	NA	NA
		KWC	NA	NA
		NVC	NA	NA
3.	Geography	KGC	68.0	52.6
		DLC	NA	NA
		KWC	NA	NA
		NVC	NA	NA
5.	Zoology	KGC	71.6	51.8
		DLC	NA	NA
		KWC	NA	NA
		NVC	NA	NA

*Not Applicable (NA)

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?

Yes, there is a systematic mechanism to review the admission process and student profiles annually.

As mentioned earlier, there is an Admission Committee selected annually, which conducts and monitors the entire admission process. The Admission Committee is chaired by the Principal and comprises of selected teaching staff, non-teaching staff and representatives of the Students' Union. The Secretary, Teachers' Council and all Departmental Heads are ex-officio members of the Admission Committee. Frequent meetings are held among the members to ensure that the framed policy is in consonance with the criteria laid down by the affiliating university as well as with the norms of the state government and the Central Government. The recommendations made by the departmental Heads in view of the experience of the previous years are taken into consideration. Suggestions from other stakeholders are also seriously considered. It is the healthy practice of the college that through constant

interaction among the members of the Admission Committee all admission related decisions are made.

The student profiles are reviewed from the feedback obtained from the Departmental Heads. The number of vacancies in the departments is reported to the Admission Committee and decision to hold second counselling is made from these reviews.

In fact, the entire process of democratic review system facilitates the step for quality improvement of the institution. Transparent admission process is one of the major indicators of excellence in any educational institution and our college is surely ensuring it with complete sincerity.

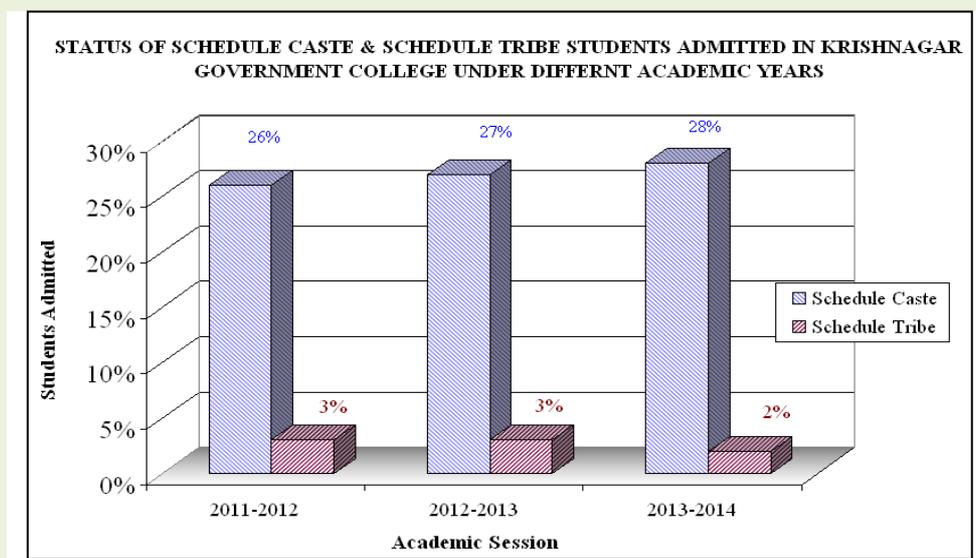
2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

* **SC/ST:** As per the reservation policy of the Government of West Bengal 22% seats are reserved for the SC and 6% students are reserved for the ST students. The following table offers a comparative profile of the SC and ST students in the last three years:

TABLE 2.4: STATUS OF SC, ST STUDENTS

Academic Session	Total no. of students	Total no. of SC students	Percentage of SC students	Total no. of ST students	Percentage of ST students
2011-2012	2420	618	26%	76	3%
2012-2013	2574	699	27%	81	3%
2013-2014	2578	746	28%	58	2%

FIGURE 2.1: STATUS OF SC, ST STUDENTS



To encourage the SC and ST students scholarships are awarded to them from the Backward Class Welfare (BCW) Department, Government of West Bengal.

* **OBC:** Earlier, there was no provision for reservation of the OBC students. Since the present session (2014-2015) session, however, as per the government policy, process of reservation for OBC (category A and B) has been initiated. The college is instructed to reserve 17% seats for the OBC students in five years time without decreasing the number of seats in the unreserved and other reserved categories.

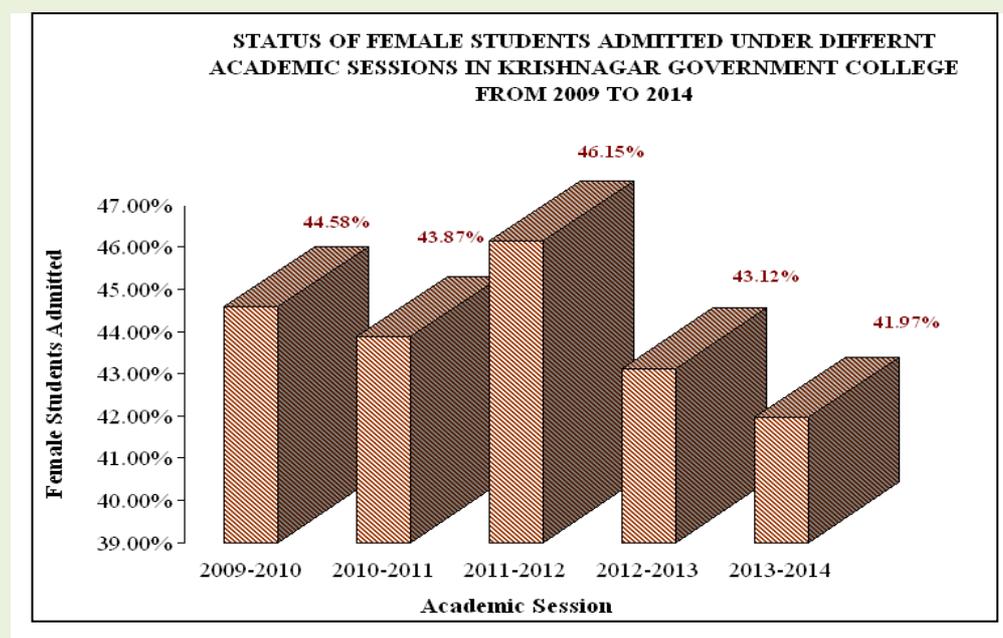
* **Women:** Despite many of the students coming from economically weaker background, the college has a significant number of female students. The following table offers a comparative profile of the female students in the last four years:

TABLE 2.5: STATUS OF FEMALE STUDENTS

Academic Session	Total no. of students	Total no. of female students	Percentage of female students
2009-2010	2124	947	44.58%
2010-2011	2393	1050	43.87%
2011-2012	2420	1117	46.15%
2012-2013	2574	1110	43.12%
2013-2014	2578	1082	41.97%

The female students can avail the facilities of recently introduced “Kanyashri” Scholarship, a brainchild of the Honourable Chief Minister of the state.

FIGURE 2.2: STATUS OF FEMALE STUDENTS



* **Differently abled:** As per government norms, 3% seats are reserved for the differently-abled students. Though there are no separate scholarships for these students, infrastructural facilities like the provision of ramps are made for them. Classes for differently abled students are being arranged in the ground floor.

* **Economically weaker sections:** The economically weaker students can avail the facilities of the following studentships/scholarships:

- Half Free and Full Free Studentship by Government of West Bengal.
- Merit-cum-Means Scholarship by Government of West Bengal.
- Scholarship from the Mass Education Department, Government of West Bengal.
- Scholarship to the wards of the Beedi workers from the Ministry of Social Welfare, Government of India.
- Sitaram Jindal Scholarship, a private scholarship offered by the O.P. Jindal Trust.

* **Minority community:** The college has a significant number of minority students, most of them coming from the Islamic community. The reservation under OBC- A category primarily ensures reservation of seats for the minority students also. The minority students can also avail Post-Matric Scholarship offered by West Bengal Minorities Development and Finance Corporation (WBMDFC).

* **Any Other:** None

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 2.6: NO. OF APPLICANTS, INTAKE AND DEMAND RATIO

Programme	Session	No. of Applicants	No. of Intake	Demand Ratio (Seat: Applicant)
UG COURSE (HONOURS AND GENERAL)				
BENGALI	2011-12	1346	66	1:20
	2012-13	1581	73	1:22
	2013-14	1571	73	1:22
	2014-15	1530	77	1:20
ENGLISH	2011-12	1220	66	1:18
	2012-13	1186	73	1:16
	2013-14	1380	73	1:19
	2014-15	981	77	1:13

HISTORY	2011-12	874	66	1:13
	2012-13	777	73	1:11
	2013-14	582	73	1:8
	2014-15	611	77	1:8
SANSKRIT	2011-12	650	66	1:9
	2012-13	741	73	1:10
	2013-14	685	73	1:9
	2014-15	578	77	1:8
PHILOSOPHY	2011-12	524	66	1:8
	2012-13	767	73	1:10
	2013-14	563	73	1:8
	2014-15	547	77	1:7
POLITICAL SCIENCE	2011-12	487	55	1:9
	2012-13	277	61	1:5
	2013-14	217	61	1:4
	2014-15	234	65	1:4
ECONOMICS	2011-12	80	55	1:2
	2012-13	61	61	1:1
	2013-14	90	61	1:2
	2014-15	89	65	1:1
GEOGRAPHY	2011-12	1170	50	1:23
	2012-13	1290	52	1:25
	2013-14	1377	52	1:27
	2014-15	1369	55	1:25
PHYSICS	2011-12	458	35	1:13
	2012-13	701	39	1:18
	2013-14	775	39	1:20
	2014-15	793	41	1:19
CHEMISTRY	2011-12	447	35	1:13
	2012-13	754	39	1:19
	2013-14	994	39	1:26
	2014-15	878	41	1:21
ZOOLOGY	2011-12	640	35	1:18
	2012-13	728	35	1:21
	2013-14	890	39	1:23
	2014-15	939	41	1:23
BOTANY	2011-12	434	35	1:12
	2012-13	480	39	1:12
	2013-14	585	39	1:15
	2014-15	590	41	1:14
PHYSIOLOGY	2011-12	327	25	1:13
	2012-13	318	33	1:11
	2013-14	342	33	1:10
	2014-15	376	36	1:10
MATHEMATICS	2011-12	450	60	1:8
	2012-13	550	65	1:8

MATHEMATICS	2013-14	872	65	1:13
	2014-15	658	70	1:9
B.SC GENERAL	2011-12	520	60	1:9
	2012-13	650	66	1:10
	2013-14	562	66	1:9
	2014-15	547	66	1:8
BA GENERAL	2011-12	950	110	1:8
	2012-13	1326	121	1:11
	2013-14	1230	152	1:8
	2014-15	1252	152	1:8
PG COURSE				
BENGALI	2011-12	358	60	1:6
	2012-13	479	70	1:7
	2013-14	655	70	1:9
	2014-15	N.A	N.A	N.A
PHILOSOPHY	2011-12	237	60	1:4
	2012-13	305	60	1:5
	2013-14	232	60	1:4
	2014-15	N.A	N.A	N.A
GEOGRAPHY	2011-12	345	30	1:12
	2012-13	422	30	1:14
	2013-14	442	30	1:15
	2014-15	N.A	N.A	N.A
ZOOLOGY	2011-12	222	20	1:11
	2012-13	246	20	1:12
	2013-14	166	20	1:8
	2014-15	N.A	N.A	N.A

In 2014-2015 session, applications for the PG Courses were received centrally by the University of Kalyani. The university prepared the Merit Lists and sent it to the college. The college conducted the counselling process and admitted the students.

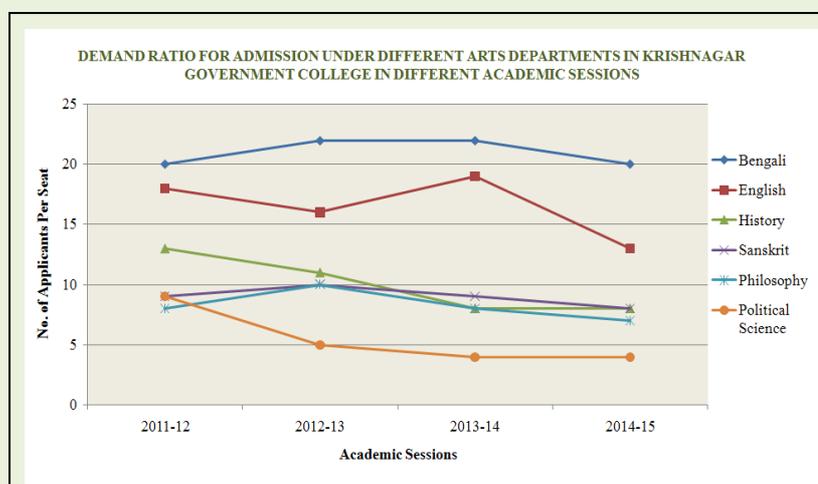


FIGURE 2.3: DEMAND RATIO UG HONOURS (ARTS)

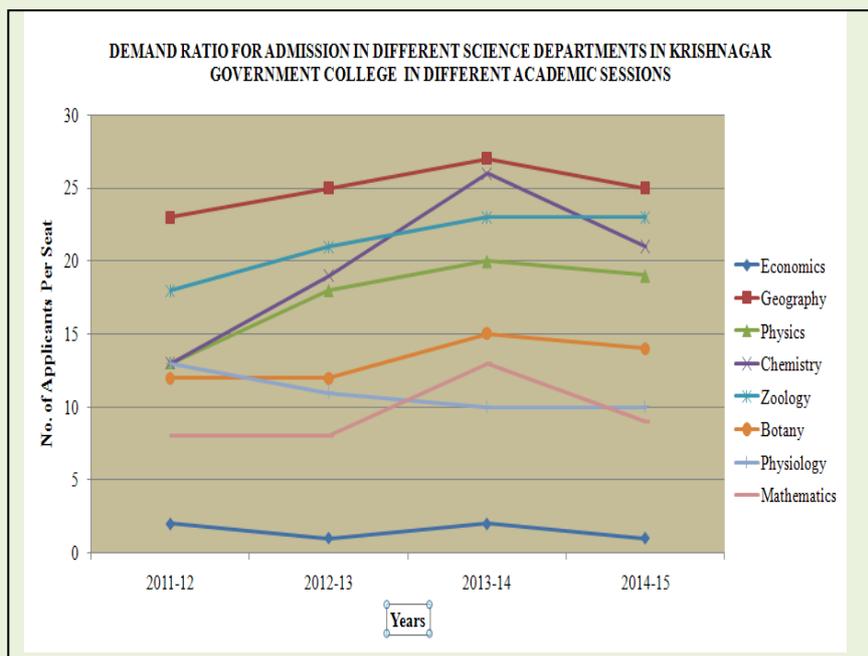


FIGURE 2.4: DEMAND RATIO UG HONOURS (SCIENCE)

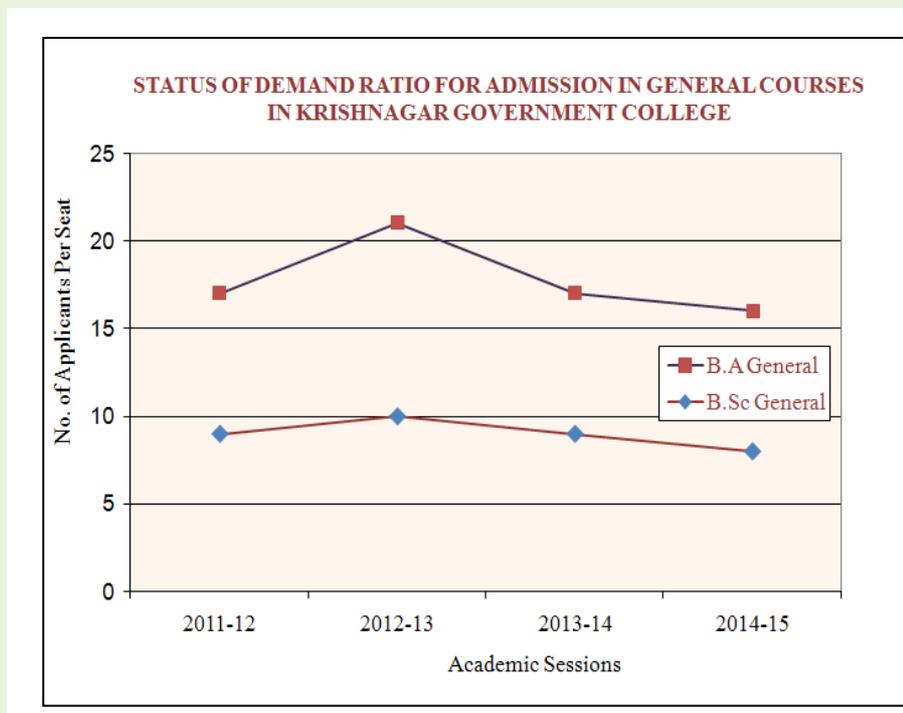


FIGURE 2.5: DEMAND RATIO UG (GENERAL)

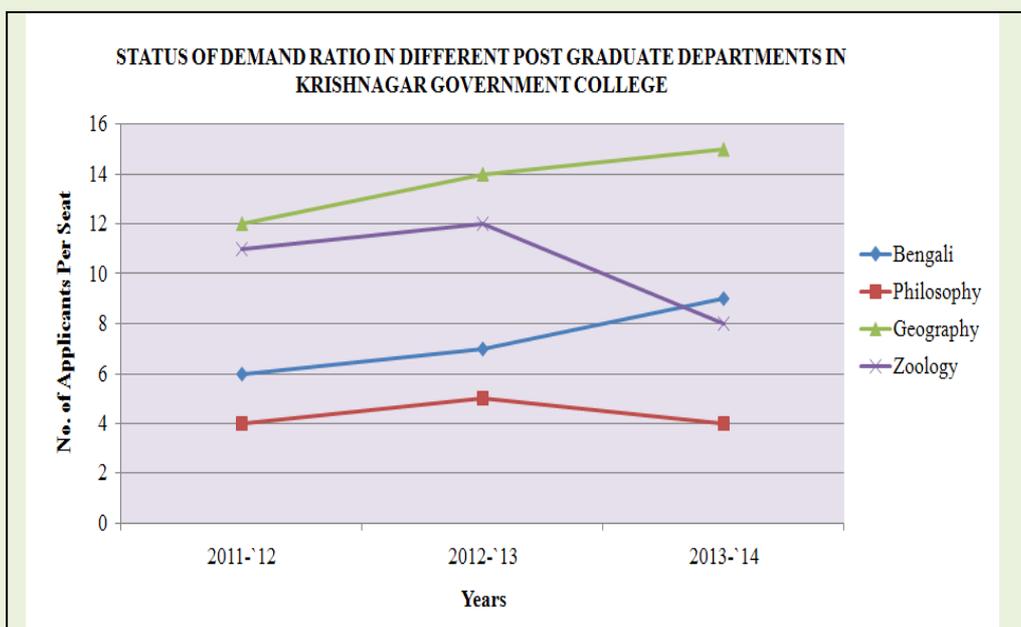


FIGURE 2.6: DEMAND RATIO PG (SCIENCE AND ARTS)

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?

The institution has always been sensitive to the needs of the differently-abled students. As per the government norms, there is a provision for reservation of 3% seats for the differently-abled students. The teachers of each department take extra care to the differently-abled students for their academic development and other needs. The institution takes special care to ensure that these students are allotted Home Centres and also that the visually-challenged students are permitted to use the services of the amanuenses in their university examinations.

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.

Students are admitted on the basis of marks obtained by them in the previous qualifying examination with proper weightage to the subject (or related subject) marks they opt for studying. There is no provision for any separate admission test.

There is a Students' Help Desk where admission related queries are addressed by the staff and representatives of the Student's Union. In the first day of the class, all the departmental teachers meet the newly-admitted students and assess their queries and needs. The teachers also try to clear any doubts which have cropped up among these young minds.

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?

There is no denying the fact that there have always been knowledge gaps between the enrolled students. The institution believes in the holistic development of education and for that it ensures that students who are lagging behind must be encouraged and trained in proper ways. The weaker students are identified and special care is allotted to them in the tutorial classes which are scheduled in the Main Routine. UGC funded Remedial Classes are arranged for the SC, ST and OBC (non-creamy layers) in every academic session. These classes are held either before or after the usual college hours. The institution doesn't offer any Add-on Course till date. However, it is planning to open a Certificate Course on Functional English in the near future.

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

The college is pro-active in sensitizing its staff and students on issues like gender-discrimination, the need for inclusive education, environmental awareness etc.

Gender: As per the UGC guidelines, the college has a Gender Sensitization Committee which monitors any case of sexual harassment reported by the students or the staff. The college actively promotes every measure taken for gender-equality. As soon as the State government initiated the "Kanyashri Plan", a scholarship for poor girl students, the college administration took active measures to ensure that every deserving girl students can apply for the same.

Inclusion: During the admission process, the college ensures that students are strictly admitted as per government norms of reservation — 22% seats are reserved for the SC students, 6% seats are reserved for the ST students and 3% students are reserved for the differently-abled students. As per the instruction of the state government and the affiliating university, the college has started the process of reserving 17% seats for the OBC students (both Category A and B) from the 2014-2015 academic session.

No discrimination is made among the students based on their caste, race, religion, gender or economic status. The institution has a healthy number of minority students (7% in 2013-2014 academic session) which is a certain sign of its academic inclusiveness.

Environment: The college has taken several measures to nurture environmental consciousness among the staff and students:

- The campus has been made eco-friendly by declaring it as “No-Plastic Zone” and “No-Smoking Zone”.
- There is a Beautification Committee which looks after the cleanliness within the college campus. The NSS unit and the Students’ Union also offer help in this drive of cleanliness.
- Tree Plantation Programme is organized by the NSS unit within the college campus.
- University of Kalyani has included Environmental Science Projects as part of the Part I Curriculum for both Honours and General Course students. Each department conducts these projects with complete seriousness so that the students become ecologically conscious.
- There is a Medicinal Plant Garden maintained by the Department of Botany.
- UGC-CPE funded Free Drinking Water Testing is conducted jointly by the departments of Chemistry and Botany. The test has produced important results regarding the presence of arsenic in institutional drinking water.
- Seminars on environmental related issues are organized in the college, eg, the Postgraduate Department of Geography organized two lectures on “Tsunami and its effect at Global Scale” (delivered by Dr. Sugata Hazra) and “Arsenic Contamination and its impact in Gangetic West Bengal” (delivered by Dr. Dipankar Chakraborty).

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

The departmental teachers identify the advanced learners on the basis of their attendance, concentration and response in classes, performance in students’ seminars and class tests as well as their overall zeal for learning.

Once the advanced learners are identified, they are encouraged to fulfill their potentialities. These learners are provided with advanced study materials. They are encouraged to become members of major libraries in the state like National Library, British Council Library etc. They are also motivated to participate in different state level or national level seminars to expand the horizon of their knowledge. Some of these also present papers and posters in the aforementioned seminars. The teachers also help them to prepare for competitive examinations like NET, SET, GATE etc even after they have passed out from the institution.

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)?

The institute collects the information of the students at risk of drop out by monitoring the attendance of the students as well as their performance in the class tests. Students with poor attendance are asked to offer proper explanation of their irregular attendance. The matter is also discussed in the Parents-Teachers meeting held annually. The result of these discussions are analyzed by the departmental teachers and also, if necessary, in the Teachers' Council.

Students from the disadvantaged sections of the society are instilled with the belief that they are not disconnected from the mainstream of the society. The physically-challenged students are helped by trying to allot their classes in the ground floors of different building as far as practicable. The slow learners are encouraged to take remedial classes and discuss with complete frankness their problems with the teachers. Economically-weaker sections can apply for different Scholarships including Half Free and Full Free scholarships which offer half and complete waiver of their tuition fees. These students are also helped individually by the departmental teachers.

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 institutional **Academic Calendar** is prepared by the Academic Calendar Sub-Committee. Then the department prepares separate Academic Calendar on the basis of the main structure and circulates it among the students before every academic session. This calendar includes —

- (i) Detailed break-up of syllabus, (ii) Number of classes allotted for each module, (iii) Time schedule for tutorial classes, (iv) Probable dates of class tests, college examinations, and university examinations, (v) List of Holidays and vacations, etc.

Teaching plan – In most departments, the departmental teachers prepare Teaching Plan before every academic session which is discussed in the Departmental meeting. After approval in the meeting, these teaching plans are displayed in the departmental notice boards.

The **evaluation blue print** is structured by the affiliating university and sent to the college, which is adhered by the academic departments of the college. The detailed breakup of marks, question pattern, probable date of examination etc. is communicated to the students well in advance.

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

The Internal Quality Assurance Cell (IQAC) was established as a post-accreditation initiative on 10.12.2008. Since its inception, the IQAC has been a regularly functioning unit which monitors the teaching-learning process of the institution. Every year it chalks academic plan for the institutional development and at the end of the year the outcome of this plan gets reflected in the Annual Quality Assurance Report. The IQAC offers valuable suggestions to the departments and the administration to strive for quality assurance and enhancement. The IQAC has positively encouraged the teachers for greater use of ICT enabled teaching-learning process in the classrooms. It also channelizes the feedback received from different stakeholders like the students, alumni, parents and uses the feedbacks to make an overall assessment of teaching-learning process in the college.

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 one-way communication involved in the traditional lecture method, the college has deliberately made efforts to make the learning process more student-centric. The following are some of the measures adopted by the college:

- **Interactive Learning** is encouraged through students' participation in seminars, conferences, debates etc. Many departments of the institute organize regular student seminars as part of the teaching-learning process. These seminars instill in the students the healthy practice of acquiring knowledge through presentations, queries and discussions.

ICT enabled tools like Overhead Projectors, screens etc are used by the teachers to generate student interest in these seminars and interactive lectures. The college is well connected with internet and LAN which give the teachers and occasionally the students the chance to use the e-materials necessary for these sessions.



PHOTO 2.1: ICT ENABLED CLASSES BEING TAKEN IN THE DEPARTMENT OF GEOGRAPHY

The students from the Department of Political Science participate in the Youth Parliament Competition every year which gives them a practical idea on the functioning of Indian democracy. The teachers of the department guide the students and the students have also won prizes in this exciting competition.

- **Collaborative Learning** is promoted during the educational tours, environmental projects as well as in the laboratory classes. The students are encouraged to work in groups which not only facilitate the teaching-learning process but also inculcate the value of collaborative work.

Educational tours are actively promoted. A part of the UGC-CPE Grant was utilized to promote these educational tours not only for the Bio-science departments and Geography (which have educational tours as part of the curriculum) but also for departments like History, Chemistry and Physics.

Collaborative Learning is also promoted through the group work involved in the preparation of wall magazines, college magazines, cultural function etc.

- **Independent Learning** originates when the students take the initiative in the learning process. In the UG level, the advanced learners at times show their penchant for independent learning and these students are encouraged by the teachers. The PG

students expectedly show more interest in Independent Learning. The PG students are expected to write their dissertations in their final semester examinations. The college offers them every infrastructural help possible that includes providing them with books, e-resources, access to internet. The teachers guide them in ways which would not obstruct their independent modes of thinking and implementation of the knowledge acquired.

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 institution ensures the nurture of critical thinking, creativity and scientific temper among the students through the following measures:

- Students are encouraged to ask questions and advance their opinions within the classrooms to make the teaching-learning process interactive.
- Students are advised that while answering questions, both in the classrooms and in the examinations, they must not simply reproduce those answers from their memory; rather they are expected to re-assess those by their own observation and creativity.
- Student seminars organized in various departments as well as the dissertation projects in some PG departments also promote these values.
- Programmes like NSS organized AIDS awareness seminars, Thalassemia Detection Camps etc. also instill scientific temper among the students many of whom come from background where unscientific notions are associated with these diseases. Village adoption gives an exposure to real life problems to the students.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: 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.

The college is quite open to the use of technologies in the teaching-learning process. The CPE Funded Digital Learning Centre at the Postgraduate Department of Philosophy is used as e-classroom. It is also used by other departments of the college. There is a Language Laboratory in the Department of English. The teachers often supply e-resources to the students in forms of CDs and DVDs. Mobile education, however, is yet to become operational.

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 there.
- The institution always encourages the organization of expert lectures and seminars. Most departments of the college have organized CPE Funded Special lectures delivered by academicians who are renowned in their respective fields. There are FIVE major seminars organized by the college in the last four years:

TABLE 2.7: LIST OF MAJOR SEMINARS

Organizing Department	Funding Agency	Level	Thrust Area	Date
Philosophy	UGC	State	“Metacognition”	8-9 September, 2010
Philosophy	UGC	National	“Perspectives on Person and Personal Identity”	14-15 December, 2011
English	UGC	National	“Revisiting Genre: Text, Discourse, Performance”	10-11 January, 2012
Geography	UGC	State	“Environmental Degradation and Strategies for Conservation and Management”	24– 25 November, 2011
Economics	ICSSR	National	“Labour and Employment: Theory and Emperics”	27 September, 2013



PHOTO 2.2: NATIONAL LEVEL SEMINAR ORGANIZED BY THE DEPARTMENT OF ECONOMICS ON 27.09.2013.

- Every department organizes student seminars to inculcate the practice of participation in seminars within the students. There are provisions for student seminars in the Central Routine highlighting the importance of this practice.
- Teachers are encouraged to participate and present papers in seminars, conferences and workshops. Leaves are sanctioned as per government norms to the teachers who present papers within the state, outside the state and even abroad.

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

Besides the regular interaction in the scheduled classrooms, **Academic Support** is provided to the students in forms of Tutorial Classes, UGC Funded Remedial Classes etc. Each Department is provided with the Seminar Library facility where students can get access to learning resources. There is also a UGC funded Entry in Services course which trains the students for competitive examinations like West Bengal School Service Commission etc.

If any student in the classroom shows signs of any abnormality and continued disturbed state, then the departmental teachers offer **Psycho-Social Support** by taking measures to discuss the problems with them. There are instances when some students confide their personal problems with some of the teachers and then the concerned teachers also offer them expected support. There are Anti-Ragging Committee and Anti-Ragging Squad in the college which sensitizes the students against the malpractice of ragging. The

Hostel Superintendents take active measure in offering psycho-social support to the wards.

Guidance Support is offered by the Career Counselling Cell. However, the Cell ensures that the students are notified of their career opportunities, both academic and professional. The science departments in particular also take care to notify the students of the dates and schedules of different entrance examinations.

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/methods have been adopted by the faculty during the last four years:

- Greater use of ICT tools like Overhead and LCD Projectors, screens in various departments to make the teaching-learning process tech-savvy and interesting.
- Regular organization of students' seminars as per the scheduled routine.
- Student dissertation projects in PG departments like Geography. In the UG Course, Part I students undertake Environmental Projects with complete enthusiasm.
- Study Tours have been organized by departments like History, English, Physics which do not have these tours as part of the university curriculum. Moreover, departments like Geography, Chemistry, Botany and Zoology have organized Industrial visits. These tours and visits certainly generate great interest among the students. Film shows of literary texts are arranged by the Department of English.
- A part of the CPE Grant was used for arranging Special Lectures in different departments.



PHOTO 2.3: THE TEAM OF GEOGRAPHY M. SC FIELD TOUR AT PEDONG

- The institution encourages the optimum use of these innovative teaching approaches/methods. The institutional academic plan always includes efforts for greater use of innovation in teaching-learning process. The following are the major steps taken by the institute in this regard:
 - A significant part of any grant like UGC Grant, State Government Grant, CPE Grant etc is used for purchasing ICT tools like laptops, CDs, DVDs, Overhead and LCD Projectors, screens etc.
 - LAN connection throughout the college and ensuring internet access in every building including the library.
 - Augmenting the laboratories with modern equipments for the benefit of the faculty and the students.
 - Promoting the practice of student seminars and Study Tours and Excursions in every department.

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

The Central Library of the college is one of the oldest libraries in the state. It is a treasure-trove of knowledge and it contains many rare books. The Library is also regularly embellished by purchasing new books and journals. The teachers and the students make constructive use of library facilities like reading and borrowing books and journals, accessing internet etc. The college has also recently been granted the permission to avail the INFLIBNET facility and when it becomes completely functional the students and teachers can access many e-books and e-journals.

Besides the Central Library, each department has separate Seminar Library of its own. Teachers and students also borrow books and journals from these departmental libraries also.

The college is an institutional member of British Council Library, Kolkata. The teachers also borrow materials (books, journals, DVDs etc.) from this library to augment their knowledge base.

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.

The college tries to follow the Academic Calendar as far as practicable. However, often due to the election process (Parliamentary, Assembly or Panchayat), the pre-planned schedule has to be changed. The consequent changes in the schedule of University Examinations also force the curtailing of teaching days. In order to redress this special classes are arranged. The teachers often take extra classes even in their Preparatory Day.

In PG Courses semester system is followed which imposes greater challenge to complete the syllabus within the stipulated time frame. The teachers take extra classes during the Summer Vacation and the Puja Vacation to complete the syllabus within time. Guest Teachers are also recruited by the college with government approval to facilitate the teaching-learning process in the PG Courses.

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

The institute monitors the quality of the teaching-learning through the following ways:

- The departmental teachers monitor the performance of the students by their response in the classrooms as well as by their performance in the class tests conducted by the department.
- The Principal ensures effective teaching-learning in the college by constant interaction with the Departmental Heads and with individual teachers, as and when required.
- The Principal also monitors the Daily Performance Appraisal of individual teachers
- The IQAC also suggests the departments regarding the effective way of teaching-learning. The performance of the teachers gets reflected in the Annual Quality Assurance Report.
- Assessments of feedbacks from different stakeholders like the students, especially the Students' Union, parents, Alumni Association also help the process of monitoring the teaching-learning in the college.

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

TABLE 2.8: PROFILE OF THE TEACHERS
(as on 15.10.2014)

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D. Sc./ D. Litt.	x	x	x	x	x	x	x
Ph. D.	x	1*	6	5	15	9	36
M. Phil.	x	x	x	x	3	6	9
PG	x	x	x	1	15	14	30
Temporary Teachers (Guest Faculty)							
Ph. D.	x	x	x	x	3	0	3
M. Phil.	x	x	x	x	2	0	2
PG	x	x	x	x	2	0	2
Part-time Teachers							
Ph. D.	x	x	x	x	2	1	3
M. Phil.	x	x	x	x	2	2	4
PG	x	x	x	x	3	2	5

* She is also the Principal of the college

(Note: This list includes the teachers on lien and the Librarian of the college)

Being a government college, the college doesn't enjoy any autonomy in the recruitment and retention of the permanent teachers. These teachers are appointed by the Higher Education Department, Government of West Bengal as per the recommendation of Public Service Commission, West Bengal. The permanent teachers are transferred across different government colleges across the state as per the government orders issued by the Higher Education Department from time to time.

In earlier times, the college used to recruit the Part-time teachers. However, since 2010 the recruitment and retention of Part-time teachers are monitored. The college, however, has the power to recruit and retain the Guest Lecturers in different PG departments subject to the need of these departments. These recruitments, however, have to be approved by the government.

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.

The college has introduced one new Programme in the last five years — PG Course in Zoology. Due to the lack of qualified senior faculties in the department, several renowned retired teachers have been appointed as Guest Faculty. This practice is also prevalent in other PG Departments. The college has not introduced any new programme on emerging areas of study like Biotechnology, IT, Bioinformatics etc. The college has applied for DBT Star college status to upgrade its science departments, especially the Bio-science departments.

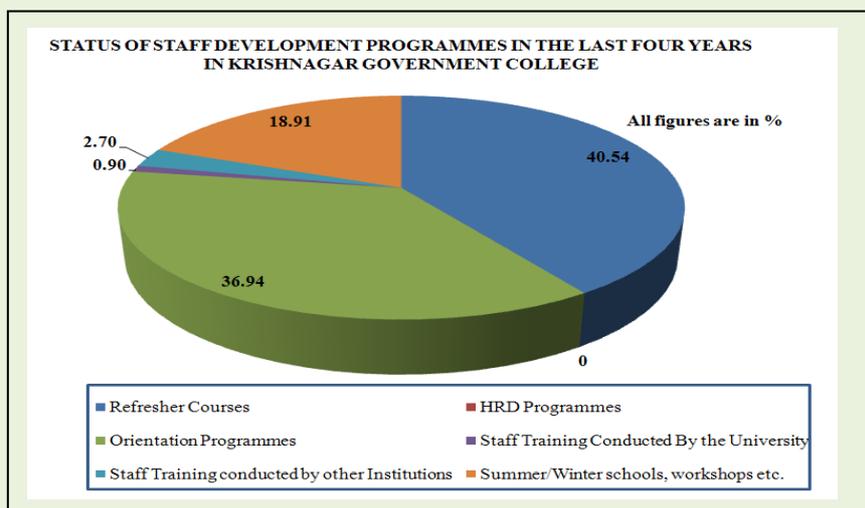
2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

TABLE 2.9: NOS. OF STAFF DEVELOPMENT PROGRAMMES ATTENDED

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	45
HRD programmes	00
Orientation programmes	41
Staff training conducted by the university	01
Staff training conducted by other institutions	03
Summer / winter schools, workshops, etc.	21

FIGURE 2.7: STATUS OF STAFF DEVELOPMENT PROGRAMMES



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

- **Teaching learning methods/approaches:** The teachers are allowed to participate in Orientation Programmes, Refresher Courses, Summer/Winter Schools etc where newer teaching learning methods are discussed. Participating teachers get initiated to these newer methods/approaches.
- **Handling new curriculum:** None
- **Content/Knowledge Management:** There has been a training programme of the newly-installed software Snet Class in the Language Laboratory in the Department of English.
- **Selection, development and use of enrichment materials:** None
- **Assessment:** None
- **Cross cutting issues:** None
- **Audio Visual Aids/multimedia:** None
- **OER's:** None
- **Teaching learning material development, selection and use:** Training was organized for the teachers of Post Graduate Department of Geography for using GEOMATICA and TNT-MIPS softwares.

c) Percentage of faculty

- invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies: **4 percent**
- participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies: **82 percent**
- presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies: **57 percent**

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

Being a government college, the institute itself has no authority of its own to provide research grants or study leaves. The college authority, however, always encourages the teacher to apply for research grants from agencies like UGC, DST, CSIR, ICSSR etc. There are two dedicated Research Committees (one for Humanities and Social Sciences and the other for Science subjects) in the college which monitor the research activities of the faculty. The teachers are also given leave to present papers in the seminars and conferences.

If any teacher applies for Study Leave, it is allowed to him/her as per the sanction of the Higher Education Department, West Bengal.

The college teachers show zeal and enthusiasm to pursue research activities which get reflected by the significant number of academic publications credited to the faculty. The college also promotes academic publication by publishing “Conscientia”, the institutional academic journal [ISSN 2278-6554].

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.

One.

Prof (Dr.) Jayasri Roy Chaudhuri, Principal of the college has been awarded the prestigious “Bharat Jyoti Award” by India International Friendship Society on 4th September, 2014.

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?

The college follows the practice of evaluation of teachers by the students through feedback forms. The outgoing students of both UG and PG Courses fill the feedback forms. The forms are analyzed by the IQAC and they are discussed with the departmental teachers in the presence of the Principal. Suggestions, if any, are offered to the teachers to improve the standard of teaching-learning.

The feedback of the Students’ Union also is considered with complete seriousness. Being the elected representative body of the students, the Students’ Union channelizes the grievances of the students in a constructive way.

There is no mechanism to be evaluated by external peers.

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 institution ensures that all stakeholders, especially the students and teachers, are aware of the evaluation process by providing requisite information through the Prospectus, Academic Calendar, institutional notification circulated amongst the faculty and students, circulating notifications and circulars from the affiliating university, annual Parents-Teachers Meeting etc.

The departmental students come to know about the evaluation process through constant interaction with the departmental teachers.

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 have been adopted by the college:

- Introduction of (1+1+1) Pattern in 2008 in the university examination supplanting the earlier (2 + 1) Pattern.
- More emphasis on objective and short-answer type questions in tune with the overall national trend.
- The university introduced Unit Test system (three in number, annually) in the 2008-2009 session for each Honours subjects in the UG Level. The Unit Test marks were added in the Final Examination. The college also followed the model. The university discontinued this system from 2012-2013 onwards. The college, however, has continued with the internal assessment in different departments not in the form of Unit Tests but class tests/tutorial tests.
- From the 2014-2015 academic session, the evaluation of PG Courses in the university has gone through a major overhaul. The total marks for evaluation across the four semesters have been increased from 1000 to 1600; more emphasis was given to internal examinations (40% of the total marks), dissertation papers and project works. The college has adopted all these evaluative reforms.
- Dissertation paper has become mandatory in the PG Courses. The teachers guide the students to collect data and collate these data to come out with original research papers.
- Environmental project has become mandatory in the Environmental Science evaluation in the UG Course. Then college gives supreme importance to these projects.

The following is the major evaluation reform initiated by the institution:

Most departments of the college, organize regular student seminars to evaluate the performance of the students.

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?

These evaluation reforms of the university and the college are effectively ensured through regular interaction with the affiliating university, the Controller's Office of the affiliating university in particular. Many of the teachers set papers, moderate the questions papers and evaluate the answer scripts both in the capacity of Head Examiners and examiners. Some of the teachers are also members of the Board of Studies of their respective departments in the university; they attend the BoS (both UG and PG) meetings and offer their suggestions on matters of evaluation reforms. One teacher of the college was the member of University Council (2010-2014) and he acted as a bridge between the institute and the university in matters related to evaluation reforms.

Within the college, evaluation reforms are ensured by the departments through chalking plans at the beginning of each session in the departmental meetings. The discussion in the Teachers' Council also contributes significantly in this regard. Every year the Teachers' Council selects three different Examination Committees (for Part I, Part II and Part III) to conduct the university examinations in the college. The successful performance of these committees also translates the planned evaluation reforms in reality.

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.

Formative Assessment is carried out by the evaluation of the students through class tests, tutorial tests, performance of the students in the class and students seminar etc. Evaluated scripts are shown to the students so that they could identify as well as rectify their mistakes.

Summative Assessment is carried out through the university examinations which are held annually in the UG Courses (1+1+1 Pattern) and semester wise (four semesters) in the PG Courses.

These assessment processes have definitely helped the students to identify and rectify their mistakes, to instill confidence within them and ultimately to excel in different examinations. The following case may be cited as example where a weaker student excelled through constant monitoring and the aforementioned assessment process.

Name of the Student	Department	Session	Part I Result (% of Marks)	Part II Result (% of Marks)	Part III Result (% of Marks)	Overall Result (% of Marks)
Debayan Roy	Chemistry	2008-2011	51%	53.5%	68%	60.12%

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.

Rigor and transparency in the internal examination is scrupulously maintained by the constant monitoring by the departmental teachers. The marks of internal examinations are maintained by the individual departments. There used to be a central Tabulation Committee to keep the records of the Unit Tests. With the discontinuation of the Unit Test system, the Tabulation Committee has also become non-functional.

Behavioral aspects, independent learning, communication skills etc. of the students are monitored by the departmental teachers as well as the Disciplinary Committee. The Principal takes steps only when the issues become very serious and cannot be handled by the departmental staff and committee members. The Principal remains accessible to the students and the Students' Union and resolving problems. She strictly monitors the behavioral discipline in the college with the help of the Disciplinary Committee and the Anti-Ragging Squad. There is, however, no system of assigning weightages for the abovementioned aspects and skills.

2.5.6 What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The graduate attributes of the college are specified in the stated goals and objectives of the college:

- To impart quality based higher education with an aim to acquire knowledge and development skills among the students to face the national and global challenges.
- To develop responsible and sensitive youths on integration from diverse cultural, linguistic and religious groups who have social commitments and have panoramic view of the society.
- To create accountability within to ensure accountability to the society at large.

The college ensures the attainment of these by the students by the following ways:

- Providing a harmonious ambience within the institution where

students can fulfill their potentialities.

- Making the students aware of the specific learning outcomes.
- Ensuring the basics of discipline among the students.
- Organizing and promoting value based lectures and discussions to sensitize the young minds of the necessity for value based education.
- Emphasizing co-curricular and sports related activities to inculcate the importance of holistic view of education among the students.
- Encouraging the students to participate in extension activities like organizing blood-donation camps, adoption of villages etc.

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

Grievances related to evaluation in the college examinations are sorted out departmentally. Answer scripts are shown to the students and if they are not satisfied with the evaluation process, then they could contact the examiner to raise their queries. The respective teacher then explains the evaluation in one-to-one basis. If the students are still not satisfied, they can contact the departmental Heads and the matter is sorted there.

Grievances related to evaluation in the university examinations have to be sorted by the university. The aggrieved student can apply for scrutiny and/or review of the papers. The applications are endorsed and forwarded by the Principal. The Office of the Principal processes the application. The Review/Scrutiny results are sent by the university and the results are properly displayed in the college notice boards. In some cases, the students individually have used the RTI Act to redress their grievances at the university level.

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?

Yes, the college has clearly stated learning outcomes.

- The mission of the college has always been the all-round development of its students. By grooming its students to become confident, well equipped, culturally conscious, socially modern and globally competent persons, the college learning outcomes are turned into reality.
- There is a Career Counseling Cell which organizes interactive sessions with different companies so that the students get chance to fulfill their definite learning outcomes in form of initiating their careers. Notices are circulated to the staff and students regarding the schedule of these sessions and campus interviews, if any.
- Value based educational programmes and lectures are organized by the college to inculcate moral values within the impressionable minds of the students.

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.

This institution monitors the progress and performance of the students through the following mechanisms:

- Monitoring the performance of the students in the classroom interaction.
- Monitoring the performance of the students in the class tests/tutorial tests.
- Identifying the slow and advanced learners from the above mechanisms.
- Feedback obtained in the Parents-Teachers Meeting held annually in each department.

TABLE 2.10: RESULT OF UG PART III EXAMINATION AND PG FOURTH SEMESTER EXAMINATION IN THE LAST FOUR YEARS

Programme	Year	Pass Percentage (College)	Pass Percentage (University)	No. of First Class Holders (College)	No. of Rank Holders (1 st to 10 th)
UG COURSE					
BENGALI	2011	98%	94%	20	No Data*
	2012	100%	96%	29	No Data
	2013	96%	No Data	14	1
	2014	83%	No Data	08	2
ENGLISH	2011	90%	83%	05	No Data
	2012	98%	92%	16	No Data
	2013	90%	No Data	07	4
	2014	79%	No Data	01	1
SANSKRIT	2011	96%	94%	49	No Data
	2012	98%	84%	55	No Data
	2013	100%	No Data	44	4
	2014	96%	No Data	21	0
HISTORY	2011	96%	93%	22	No Data
	2012	92%	94%	10	No Data
	2013	93%	No Data	09	4
	2014	96%	No Data	08	1
PHILOSOPHY	2011	77%	81%	12	No Data
	2012	85%	89%	10	No Data
	2013	80%	No Data	11	8
	2014	70%	No Data	08	4
POLITICAL SCIENCE	2011	93%	91%	06	No Data
	2012	78%	85%	05	No Data
	2013	86%	No Data	07	2
	2014	83%	No Data	01	1

ECONOMICS	2011	100%	85%	00	No Data
	2012	100%	74%	01	No Data
	2013	77%	No Data	02	4
	2014	50%	No Data	00	0
GEOGRAPHY	2011	97%	90%	14	No Data
	2012	100%	87%	29	No Data
	2013	97%	No Data	18	6
	2014	97%	No Data	36	7
PHYSICS	2011	95%	84%	08	No Data
	2012	100%	89%	20	No Data
	2013	91%	No Data	16	3
	2014	89%	No Data	20	6
CHEMISTRY	2011	85%	89%	03	No Data
	2012	90%	92%	13	No Data
	2013	96%	No Data	14	3
	2014	94%	No Data	07	1
MATHEMATICS	2011	95%	82%	13	No Data
	2012	90%	93%	20	No Data
	2013	69%	No Data	21	1
	2014	72%	No Data	13	0
ZOOLOGY	2011	82%	87%	07	No Data
	2012	80%	95%	10	No Data
	2013	66%	No Data	08	3
	2014	80%	No Data	17	3
BOTANY	2011	66%	74%	03	No Data
	2012	88%	85%	03	No Data
	2013	53%	No Data	05	3
	2014	68%	No Data	07	1
PHYSIOLOGY	2011	100%	92%	02	No Data
	2012	93%	85%	05	No Data
	2013	66%	No Data	04	2
	2014	60%	No Data	02	1
B.SC GENERAL	2011	60%	79%	00	N.A
	2012	83%	79%	00	N.A
	2013	57%	No Data	00	N.A
	2014	36%	No Data	01	N.A
BA GENERAL	2011	84%	87%	00	N.A
	2012	72%	87%	00	N.A
	2013	87%	No Data	00	N.A
	2014	60%	No Data	00	N.A
PG COURSE					
BENGALI	2011	100%	83%	00	No Data
	2012	96%	96%	41	No Data
	2013	91%	No Data	14	No Data
	2014	Result not published	N.A	Result not published	N.A
PHILOSOPHY	2011	100%	93%	30	No Data
	2012	95%	98%	45	No Data
	2013	100%	No Data	31	No Data
	2014	94%	No Data	28	No Data

GEOGRAPHY	2011	100%	100%	19	No Data
	2012	100%	100%	23	No Data
	2013	100%	No Data	15	No Data
	2014	96%	No Data	23	No Data
ZOOLOGY	2011	N.A	72%	N.A	No Data
	2012	76%	83%	06	No Data
	2013	100%	No Data	08	No Data
	2014	88%	No Data	08	No Data

* No Data implies that required data were not furnished by the concerning authority.

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 teaching, learning and assessment strategies of the institution are structured to facilitate the achievement of the intended learning outcomes through the following ways:

- Faculties who are members of the Board of Studies of the affiliating University constructively suggest in structuring the syllabus in the PG level in such a way that students can successfully qualify in different competitive examinations.
- Organizing industrial visits and conversations with industrial executives to instill the spirit of entrepreneurship amongst the students.
- Emphasizing the importance of field studies, excursions, surveys, project works etc to ensure skill development in relevant subject areas of study.
- Organizing regular programmes by the college NSS wing to enhance the social relevance of the course.
- Feedbacks from the students, parents and alumni which guide the assessment of the learning outcomes.
- Through organizing seminars, lecture programmes etc. by which the students are constantly appraised of the latest developments and opportunities of Higher Education, research and professional opportunities in each individual subjects.
- Through class tests/tutorial tests, monitoring the performance of the students in classrooms etc.

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?

- The UGC Funded Entry in Services Course offers guidance to the students for qualifying in different competitive examinations.

- The Career Counselling Cell takes initiatives to inform the students about different career opportunities and intermittently arranging for on-campus recruitments.
- The UGC-CPE Funded Drinking Water Testing Facility jointly conducted by the Departments of Chemistry and Botany tests the level of arsenic in drinking water in the college and local neighbourhood. This result of the test is publicized to create awareness among the students and staff of the college and by word of mouth publicity among the local people also.
- In the PG Courses, students have to submit dissertations and projects for their examinations. The research faculty of these young minds is honed by the careful guidance of the teachers.
- The practice of adoption of village makes the students aware of their social responsibilities as well as social relevance of some of their classroom lectures.

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

- Each department maintains objectively verifiable data related to performance of the students in college and university examinations. These data are also centrally maintained by the IQAC as well as the Student section and are used to prepare the Annual Quality Assurance Reports and annual AISHE reports.
- The feedbacks obtained in the Parents-Teachers Meeting are also collected and analyzed by the Parents-Teachers Committee and subsequently by the IQAC.
- In the Departmental Meetings, the performance of the students is discussed. Each different plans measure suitable to it to overcome barriers of learning of the students. If any matter requires general discussion, it is discussed in the Teachers' Council Meeting.
- The Career related data of the students are maintained by the departments and the Career Counselling Cell.

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

The institution monitors and ensures the achievement of learning outcomes through the following ways —

- The Principal, IQAC and different sub-committees of the college monitor the institutional learning outcomes.
- Reviewing the learning outcomes systematically and periodically, views are exchanged with the members of the BOS of the University through our faculty members. By this

process of constant interaction, suggestions for the syllabus modification according to the present need are made for both the UG and PG courses.

- The Career Counselling Cell and the departmental teachers give the idea to the students about different openings of their subjects. Special attention is given to the PG students for preparations in NET/SET/GATE examination.
- The UGC funded “Entry in Services” course is operational in our college through which the students get free coaching for different competitive examinations.

2.6.7 Does the institution and individual teacher 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.

Yes. The institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning.

The institution and the faculty members assess the students on the basis of the internal examinations like class tests/tutorial tests etc. After the evaluation of the scripts, the departmental faculty members show the evaluated answers scripts to the students pointing out the deficiencies of the answer. This helps the students to identify and consequently rectify their errors and achieve good performance in the university examination.

On the basis of the individual assessment of the students, the faculty members guide different students for different openings.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

None.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

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

No, the College does not have any recognized research centre.

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.

Yes, there is a Research Committee in the College since 05.12.2006 in order to facilitate research activity. This committee comprises of the following two sub-committees:

a) Research Committee for Arts & Social Sciences (2014):

1. Dr. Srimati Mukherjee - Convener
2. Dr. Jayasree Mukhopadhyay - Member
3. Smt. Sumana Mitra - Member
4. Dr. Chaitali Chaudhuri - Member
5. Dr. Rajashree Dasgupta - Member

b) Research Committee for Science (2014):

1. Dr. Tista Das Gupta (Bhattacharyya) - Convener
2. Dr. Subhasis Chakrabarti - Member
3. Dr. Pintu Banerjee - Member
4. Dr. Jayati Ghosh - Member
5. Dr. Indrani Chakraborty - Member
6. Dr. Mani Sankar Mandal - Member

The Research Committee encourages faculty members for submitting research proposals to various funding agencies like UGC, DST, ICHR, WB Biodiversity Board etc. The committee updates the teachers about the various schemes of these agencies and helps them to apply for the same. Consequently, a good number of faculty members have undertaken Minor & Major Research Projects from these organizations. Moreover, some of the teachers have completed their Ph.D. while others have been already enrolled for it.

Recommendations of the committee:

- Faculty members who have not registered for Ph.D. programme will be requested for registration in a University convenient for them.
- Teachers who have completed Ph.D. will be encouraged to carry out inter and intra departmental collaborative research in possible cases.

- Initiatives will be taken to develop research linkage with other universities/institutions for pursuance of research projects through use of their state of the art infrastructure like laboratories, libraries and digital sources.
- Faculty members will be motivated to avail financial assistance for research from different organizations and agencies like UGC, DST, ICHR, ICSSR etc.
- Researchers will have to submit a copy of the report of the project to the Research Committee. Signature of the Committee members is mandatory before they are forwarded to the Principal for submission to the respective funding agencies.
- In order to inculcate inter-disciplinarity in the research arena the college is publishing an interdisciplinary research journal named '*Conscientia*' since 2010 [ISSN: 2278-6554]. Moreover, a few inter-disciplinary seminars have been organized over the last five years [refer to **Table 3.8**] to encourage teachers and students to take up interdisciplinary projects.
- To encourage different departments of the college to organize state/national level seminars with other reputed institutions of the state or national level. Such collaborative seminars have been organized by the Departments of Sanskrit, Philosophy, Mathematics, Geography and Economics as shown in **Table 3.8**.

Impact:

During the last four years, 29 faculty members have been actively pursuing Minor and Major research projects. Some have completed their projects and some are still pursuing. The Principal Investigators of two Major projects are now on lien. The College with the help of UGC grants allocates funds to the students of different departments to conduct field work for their projects/dissertations and also conduct educational tours. There were 8 state/national level seminars and workshops held in the college sponsored by UGC or other organizations of state/national level [refer to **Table 3.8**]

The two NSS units of the college under the guidance of the teacher coordinators have taken different community-oriented projects involving students, the findings of which are pretty relevant for the development of those sections of the community and hence may be considered as research outcome.

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

The college authority always encourages the faculty members to actively participate in research work through submission of research projects to UGC, DST and other funding agencies [refer to **Table 3.6**]. The measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects are:

- **Autonomy to the Principal Investigator:** Full autonomy is given to the Principal investigator for smooth conduct of the project.
- **Timely availability or release of resources:** Funds sanctioned by the different agencies are released without delay as and when required by the researcher.
- **Adequate infrastructure and human resources:** The College provides major infrastructural facilities like library, laboratory, computer and internet facilities to pursue research activities.
- **Time-off, reduced teaching load, special leave etc. to teachers:** Teachers in general are permitted to carry out their research work during summer and Pujya 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 WBSR with prior approval from the Higher Education Department for completing research work. The teachers may avail this facility under 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. Duty Leaves are given to interested teachers who will present papers/participate in seminars and conferences.
- **Support in terms of technology and information needs:** Laboratory facilities, equipments, Satellite imagery, Internet, LAN and other 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 to the funding authorities:** All research grants and expenditure are audited by qualified auditors of auditing firms. The final audit report and Utilisation Certificates 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 Undergraduate course of Geography incorporates Field Work (carrying 20 marks in B.Sc. Part-III Hons.) where the students have to submit a Field Report working as a Team. Similar Field studies are also done by Economics (carrying 25 marks in B.Sc. Part-II Hons.), Zoology, Botany and Physiology (carrying 5 marks in B.Sc. Part-II Hons. in all 3 subjects). This inculcates research orientation and interest among the UG students.

Some of the field works done by the students of Economics in 2013-14 are:

Table 3.1 UG Field Study by Dept. of Economics (2013-14)

Name of Student	Title of Project	Supervising Faculty
Aditi Ghosh	Self help Group Under Swarnajayanti Gram Swarozgar Yojana in India with Special Reference to West Bengal	Arindam Jana
Abhisikta Banerjee	Intensity of Telecom Industry and its Pricing in India	Parag Chandra
Soumik Chakraborty	Impact of FII Flows on BSE Sensex during 2006-10.	Joyjit Dhar

- Excursions and educational tours (included in Field work) are compulsory in the UG curriculum of Zoology, Botany and Physiology. Some of the places visited by the students of these Departments are given below:

Table 3.2 Excursion and Study Tour by UG Students

Department	Place of Excursion	Year of Visit
Zoology	1. Digha 2. Jaldapara Wild Life Sanctuary, Dooars	2012
	Alipur Zoo, Kolkata	2012
	Ballavpur Wild Life Sanctuary	2014
Botany	Bethuadahari Wild Life Sanctuary	2011
	Darjeeling and surrounding areas	2014
Physiology	Gangtok and adjacent areas	2009
	Java and adjacent areas	2012
	Darjeeling and adjacent areas	2013

**PHOTO 3.1: EXCURSION OF ZOOLOGY DEPARTMENT AT JALDAPARA WILD LIFE SANCTUARY, 2012**

- The Postgraduate courses of Geography and Zoology incorporates Field work and individual Dissertation work for their M.Sc. students, which lays the foundation for research activity. The PG students are made to involve in various field work and data collection purposes in order to train them in some of the methodologies that are regularly used in research work. Some selected Dissertation topics of the PG students of Geography and Zoology are given below:

Table 3.3 Selected Dissertations by PG students

Department	Year	Name of Student	Title of Project	Supervising Faculty
Geography	2011-12	Debolina Sarkar	Noise Pollution in Kolkata Metropolis	Dr. Rajashree Dasgupta
	2011-12	Anowar Hossain	An Overview on the Status of Arsenic Contamination in Krishnanagar Town	Dr. Rajashree Dasgupta
	2013-14	Mita Khan Chowdhuri	A Baseline Assessment of Health and Nutrition Status of Slum Dwellers in Krishnagar - The District Town of Nadia, West Bengal	Suman Paul
		Moumita Sarkar	Spatio Temporal Analysis of Crime at Ranaghat Municipality, Nadia	Suradhuni Ghosh
		Abhijit Mondal	A Baseline Assessment of the Status of Primary Education in Krishnagar Municipality, Nadia District, West Bengal	Dr. Rajashree Dasgupta
		Rizamuzzaman Molla	A Preliminary Assessment Of Recent Air Pollution Status in Kolkata Metropolitan Area	Dr. Rajashree Dasgupta
		Biplab Sarkar	Impact of Decay of Anjana on Social and Economic Profile in Ward No. 12 and 13, Krishnagar Municipality	Suman Paul
		Modhusudan Tudu	Occupational Structure of the People in Nabadwip Municipality of District Nadia: Spotlight Thrown on Ward Nos. 19, 24, 20, 18 and 17	Rituparna Khan
		Surajit Saha	A Preliminary Assessment of the Impact of Tourism on the Local Economy of Nabadwip Municipality	Dr. Rajashree Dasgupta
Zoology	2011-12	Debjani Baral	Immunobiology and Mechanism of Immune Evasion in African Trypanosomes	Dr. Jayati Ghosh
	2012-13	Mimpa Mandal	Remodeling of Host Erythrocyte by <i>Plasmodium falciparum</i> and Underlie Pathology	Dr. Jayati Ghosh
	2013-14	Farhena Khatun	Insect Immunity	Dr. Jayati Ghosh
		Mir Injamamul Haque	Preliminary study of helminth infestation and its effect on fish haematology	Ivy Kundu

- At the PG level **optional Special Papers** are offered to students as given in the Table below:

Table 3.4 Elective Special Papers in PG courses

Subject	Special Papers taught in the College	Semester	Marks
A) Existing Special Papers till 2013-14 Session			
Geography	Urban Geography	III + IV	Theory – 100, Practical – 100, Thesis – 50
Zoology	Parasitology; Cytogenetics and Molecular Biology	III + IV	Theory – 140 Practical – 60 Seminar – 20
Philosophy	Western Logic; Nyāya	III + IV	Theory – 200
Bengali	Drama, Rabindra Sahitya, Linguistics	III + IV	Theory – 200
B) Newly Introduced Special Papers in 2014-15 Session (awaiting approval from University of Kalyani)			
Geography	Population Geography Geomorphology Cartography	III + IV	Theory – 200, Practical – 200, Thesis – 50

In the Session 2014-15, some new items have been introduced by the University of Kalyani exclusively for the students of PG Ist Semester viz. **Seminar Talk** (carrying 20 marks × 4 papers, that is, total 80 marks) and **Project work** (similarly carrying 20 × 4 = 80 marks) in Philosophy and **Group Discussion** (carrying 20 marks × 4 papers = 80 marks) in Bengali. These will provide a platform for research and presentation of its findings.

- Availability of 1,10,377 books (including old & rare books) and 103 Journal titles across the fields in the library provides the students of the college the opportunity of having a treasure of knowledge. Access to journals through INFLIBNET has been introduced.
- Organizing different seminars, conferences and workshops, the college develops research culture among the students and also provides them with opportunity to interact with eminent resource persons.
- Every week there remains a time slot in the routine to conduct departmental seminars for both UG and PG departments to promote research spirit among the students. Besides, students are also encouraged to give presentations of their choice.
- Different awareness generation programmes are organized regularly for students to inculcate awareness and scientific spirit among them. Seminars on Thalassaemia, Water Scarcity, Aila, Role of women in rural development etc. are a few examples. [Refer to **Table 3.8**]
- To promote team work and independent thought process, students of almost all the departments are encouraged to come out with annual wall magazine on regular basis.
- Students are sent to different quiz contests (on or off-campus), debates etc. related to their respective disciplines so that they acquire recent knowledge.

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).

- Teachers of the Departments of Economics, Zoology and Botany supervise IInd Year B.Sc. Honours students for their project work as a part of their curriculum.
- The faculty members of Geography and Zoology evaluate Dissertations of PG students of the college.
- Some of the faculty members are involved in Guiding students for doctoral research in Ph. D level. Their details have been provided in the following Table.

Table 3.5 Faculty involved in guiding students for PhD

Name of Faculty with Department	Name of Student	Topic of Research	Status	Registration No. with name of University
Prof. (Dr.) Jayasri Ray Chaudhuri, Dept. of Geography	Dr. Rajashree Dasgupta	Vulnerability and Adaptation Strategies for the Sunderban Island System	Awarded PhD on 29.07.2009	Jadavpur University
	Soma Kundu (UGC JRF)	Health Insecurity and Vulnerability of Women and Children with Special Reference to Southern Part of Rural West Bengal	Registered for PhD	1319 PhD (Arts) Proceed/ 2007, dt. 30.05.2007, CU
	Aditi Matilal (UGC JRF)	Significance of Rural Credit in the Social and Economic Development of Southern Part of West Bengal	Registered for PhD	009 PhD (Arts) Proceed / 2007, dt. 28.12.2007, CU
	Ranita Datta (NET)	Topic Socio-economic Impact of Credit Cards on Kolkata Metropolitan District	Registered for PhD	3329 PhD (Sc) Proceed/ 2010, dt. 03.09.2010, CU
Dr. Sandipan Chakraborty, Dept. of Geography	Moumita Seth, Self financed	Hydro-Geomorphic Analysis, Restoration and Sustainable Management of Saraswati Corridor in West Bengal	Thesis submitted in July, 2014	CU
	Sanghamitra Sarkar, NECRD (IGNOU) Fellow	Changing Profile of Population and Land Use and Its Impact on Environment – An Appraisal, Southern Sikkim, India	Thesis submitted in August, 2014	IGNOU
	Kathakali Dutta, CSIR Senior Fellow	Impact of Fluvial Processes on Basin Morphology – An Applied Geomorphic Analysis on Land Evaluation and Restoration, The Diana River Basin, Jalpaiguri, West Bengal	Registered for PhD	1249 Ph.D. (Sc) Proceed/2011, dt. 29.03.2011, CU
(contd. in the next page)				

Table 3.5 Faculty involved in guiding students for PhD (contd.)

Name of Faculty with Department	Name of Student	Topic of Research	Status	Registration No. with name of University
Dr. Sandipan Chakraborty, Dept. of Geography	Rekha Biswas, UGC Senior Fellow	Determinants of Watershed Development: An Approach to Physical and Socio-economic Bases of Stream Corridor Restoration in Neora River, Jalpaiguri and Darjeeling Districts of West Bengal	Registered for PhD	1250 PhD (Sc.) Proceed/ 2011, dt. 29.03.2011, CU
	Soumita Ghosh, NET, Teacher Fellow	Land Utilization of Ajay - Mayurakshi Interfluve, Birbhum District, West Bengal - - Determinants, Evaluation, Implication and Restoration	Registered for PhD	2678 PhD (Sc.) Proceed/ 2011, dt. 30.06.2011, CU
	Sadhika Mouria, UGC NET	Economic And Socio-Cultural Impact Of Mining – A Case Study of The Raniganj Coal Belt, West Bengal	Registered for PhD	3414 PhD (Sc.) Proceed/ 2011, dt. 18.08.2011, CU
	Manjira Adhikari, UGC Fellow, NET	Perspectives Of Development – Constraints, Retrospects and Prospects, Patharpratima Block, South 24 Parganas, West Bengal	Registered for PhD	3415 PhD (Sc.) Proceed/ 2011, dt. 18.08.2011, CU
Dr. Indrani Chakraborty, Dept. of Physiology	Subhasis Ghoshal, Teacher Fellow	Studies on Antifertility Activity of <i>J. Retens</i> on Male Albino Rat – An Approach for Searching a Male Contraceptive	Registered for PhD	2151 PhD (HSc) Proceed/ 2012, CU
	Sahili Bhattacharya	Effect of <i>J. Retens</i> on Female Reproductive System	Applied for Regn.	2014, CU, Regn. No. not yet received.
Dr. Jayasree Mukhopadhyay, Dept. of History	Saswati Dutta	Ouponibeshik o Swadhinata: Uttor Banglar Samajik, Sanskritik Itihashe Ramkrishna Mission	Thesis submitted in July, 2014	CU

- Many faculty members have completed or have been pursuing a number of research projects during the last four year period. The details of the research projects are given in the following table:

Table 3.6 Finished and Ongoing Research Projects during last four years

Faculty	Title of the Project	Duration Year	Funding Agency	Grant Sanctioned (in Rs.)	Grant Received (in Rs.)
A) Finished Research Projects – All MINOR					
Dr. Amalendu Ghosh	Einstein-Weyl Structure and Twister Derivative on Riemannian Manifolds	2009-2011	UGC	194000	194000
Antara Kar	N.A.	2009-2011	UGC	166000	166000
Dr. Pintu Banerjee	Study of medicinal plant diversity with special emphasis on folklore medicinal plant of Nadia district and assessment of their antimicrobial activity	2010-2012	UGC	165000	165000
Urmi Mitra	Study of the microbicidal activity in the serum of Toads (<i>Duttaphrynus melanostictus</i>) [<i>Bufo melanostictus</i> Schneider 1799]	2010-2012	UGC	194000	194000
Dr. Subhajit Sen Gupta	Shakespeare on Stage and Screen: The Indian Response to the West	2010-2012	UGC	85000	85000
Dr. Asoke Bhattacharya	Impacts of Canopy position plants age and pollinators on pre-pollination pollen viability of <i>Tectona grandis</i> L.	2011-2013	UGC	172000	91800
Dr. Sharmistha Maity	Development of suitable <i>in vitro</i> regeneration technique of some medicinally important tree legumes	2011-2013	UGC	171000	171000
Dr. Tulika Talukder	A Comparative Study on Morphoanatomical Features of Cypselas in Some Members of Compositae and Their Phylogenetic Relevance Using Numerical Analysis	2011-2013	UGC	122500	118000
Dr. Jayati Ghosh	Studies on the Diversity of <i>Nyctotherus ovalis</i> Associated with Hind Gut of Cockroach, <i>Periplaneta americana</i> using PCR-based 18s rDNA Analysis	2011-2013	UGC	192000	192000
Dr. Sankalita Ghosh	Karya Propancar Bibarta Bishoye Advaita Mat Samiksha	2011-2013	UGC	86000	86000
Dr. Preetam Ghoshal	Gyaner Swaprakashatye Lakshan Proman Bichar	2011-2013	UGC	86000	75500
Dr. Basuli Maitra	Assessment of Environmental Stress through Study on Polytene Chromosomes of Chironomid larvae in Aquatic habitats	2012-2014	UGC	187000	187000

Table 3.6 Contd.

Faculty	Title of the Project	Duration Year	Funding Agency	Grant Sanctioned (in Rs.)	Grant Received (in Rs.)
Dr. Jibanananda Jana	A Quantum Chemical Study on the Interaction of DNA with Anti-proliferative Ferrocenophane polyphenols	2012-2014	UGC	192500	192500
Dr. Panchanan Mandal	Ekush Shataker Bangla Little Magazine e Rabindra Prasanga o Rabindra Gobeshonar Swarup o Taty	2012-2014	UGC	137500	107500
B) Ongoing Research Project – MAJOR					
Dr. Anil Kumar Biswas	Present Socio-economic Status of the Toto Tribe of West Bengal	2014 onwards	ICSSR	500000	200000
C) Ongoing Research Projects – MINOR					
Nabamita Barman	Empowerment of Scheduled Caste Women through Reservation in Panchayat Raj Institutions: A Case Study of the District of North 24 Parganas	2011 onwards	UGC	31000	20500
Indrani Goswami	Narir Bhashya: Samaj o Itihash Prekshit Hooghly Jela	2012 onwards	UGC	85000	70500
Dr. Chaitali Chaudhuri	Modern Review and the Making of Modern Indian Mind	2012 onwards	ICHR	125000	35000
Sujit Kr. Bhowal	Inventorization of Sacred Groves in Nadia District of West Bengal	2014 onwards	West Bengal Biodiversity Board	140000	112000
Dr. Asok Ghosh	Morpho-anatomical analysis of <i>Carex</i> L. and Some Other Members of Cyperaceae of West Bengal with the Help of Statistical Methods	2014 onwards	UGC	325000	225000
Kuntal Gupta	A Comparative Study Of The Fatty Acid Composition Of Colostrums And Breast milk Of Mothers Of Normal And Low Birth Weight Babies	May, 2014 onwards	UGC	300000	190000
Dr. Samrat Laskar	Environmental Issues in Contemporary Indian-English Fiction: An Ecocritical Study	12.04.2014 onwards	UGC	260000	215000
Dr. Balai Chandra Das	Wet Lands with Immense Potential for Sustainable Development: A Case Study on Major Wetlands of C. D. Block – Krishnagar –II	20.05.2014 onwards	UGC	305000	167500
Dr. Rajashree Dasgupta	Status of Population Pressure and It's Impact on Food Security in the Perspective of Climate Change - Case Studies in the Coastal Blocks of Sagar and Namkhana in Indian Sundarbans	20.05.2014 onwards	UGC	250000	180000

Table 3.6 Contd.

Faculty	Title of the Project	Duration Year	Funding Agency	Grant Sanctioned (in Rs.)	Grant Received (in Rs.)
Dr. Ayan Das Gupta	Gradual Decay of River Piyali and its Impact on Socio-economic Activities in the selected CD Blocks of South 24 Parganas, West Bengal	20.05. 2014 onwards	UGC	300000	240000
D) Research Projects Started in Krishnagar Govt. College and Later Transferred to Other Institutes – MAJOR					
Dr. Soumen Bhattacharjee (on Lien)	Understanding the Relationship Between Oxidative Stress, Growth and Yield Potential with Special Reference to Chemical Management of Oxidative Stress for Augmenting Productivity in Rice (<i>Oryza sativa</i> , cultivar Ratna and SR 26B)	2012 onwards	UGC	765300	440000 Transferred to University of Burdwan
Dr. Dhrubo Prosad Chatterjee (on Lien)	Preparation of Advanced Membrane Materials for Affinity Chromatography	Dec, 2011 (Recommended)	DST	22 00000	Transferred to Presidency University
E) Research Projects Started in Krishnagar Govt. College and Later Transferred to Other Institutes – MINOR					
Dr. Nivedita Chakraborty (Dutta)	Bangladesher Sahityo, Samaj o Sanskritite Begum Sufiya Kamaler Abadan	May, 2014	UGC	180000	122500 (Transferred to A.B.N. Seal College, Cooch Behar)
Manoj Kumar Halder	Political Culture Among the Women Members of Scheduled Caste Community in Panchayati Raj Institutions (P.R.I.) of District Nadia	May, 2014	UGC	200000	Not yet received. (Transferred to A.B.N. Seal College, Cooch Behar)

- Many faculty members have acted as Resource persons in National/International Seminars and Conferences. The details are given in the Table below:

Table 3.7 Participation of Faculty as Resource Persons

Faculty	Type of Participation	Date/Year
Prof. (Dr.) J. Ray Chaudhuri	Resource person in Refresher Course in Calcutta University; Topic: “Types of Landscape Changes, Development Spin-offs and Policy Implications”	17.09.2011
	Resource person in Majdia College, Nadia in a Seminar on Role of Students in Quality Control in NAAC Accreditation; Paper presented on “Relevance of Students Role in Quality Management in the context of Globalization & Universalization of Education”	December, 2012
	Invited speaker in the National Level Seminar on Contemporary Issues in Indian Education held at Durgapur Anandamoy B.Ed. College in Nadia District (near Krishnagar); Paper presented on “Thrust areas in the Education System of India in the Context of Globalization & Universalization of Education”	30.04.2014
Dr. Indrani Chakraborty	Invited speaker in a National Conference organised by Indian Association of BioMedical Scientist, held at University of Madras, Chennai	2013
Dr. Soumen Bhattacharjee	Resource person of Regional Level Seminar at Nimpith, West Bengal	2012
Dr. Subhajit Sen Gupta	Resource Person at Three-day International Conference on “Shakespeare as Critic in His Time and Ours: Literary, Social, Political” at Maharshi Dayanand University, Rohtak	8-10 October, 2009
	Resource Person at UGC-sponsored International Seminar on ‘Scholars in Shakespeare’ at MCM DAV Girls’ College, Chandigarh	24-26 September, 2010
	Resource Person at Two-day UGC sponsored National Seminar on ‘Re-reading and Re-presenting Shakespeare’, Bankura Christian College.	24-25 February 2011
	Resource Person at UGC-sponsored International Seminar on ‘Subalterns in Shakespeare: A Post-postcolonial Scrutiny’ at St. Bede’s College, Shimla	22-24 September 2011
	Resource Person at HEC-sponsored National Seminar on ‘Reinterpreting Bernard Shaw: A Postmodern Scrutiny’ at Hindu Girls College, Jagadhri	29-30 November 2011
	Invited Speaker at UGC-sponsored National Level Seminar on ‘Engaging the Other in South Asian Literature in English: Problems and Politics of Representation’ at Ramakrishna Mission Residential College (Autonomous), Narendrapur	17-18 February 2012
	Invited Speaker at National Seminar on ‘Literature and Religion: An Interface Between Imagination and Belief’ at Netaji Subash Ashram Mahavidyalaya, Suisa, Purulia.	22-23 February 2012
	Chairperson of International Seminar on Environment, Krishnagar Women’s College	Jan, 2014

- The teachers of different Departments individually and in collaboration with others have participated and presented papers in different State/National/International Seminars and Workshops.

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.

Seminars, sensitizing programmes on issues related to health and environmental awareness and gender sensitization programmes are organized by various Departments, the NSS Units and seminar committee of the College with focus on capacity building in terms of research and imbibing research culture among the different stakeholders. The following table shows the workshops conducted for capacity building and for imbibing research culture among faculty and students.

Table 3.8 Seminars/Conferences/Workshops/Special Lectures organized during last four years & the source of funding

Organizing Dept.	Type	Theme	Speakers	Funding Agency	Date
English	Special Lecture	“Metaphysical Poetry”	Dr. Satyaki Pal	UGC-CPE	22.03.2011
	National Seminar	“Revisiting Genre: Text, Discourse, Performance”	Prof. Krishna Sen, Prof. Rupin Desai, Prof. Anand Prakash, Prof. Sarbani Chaudhury, Dr. Amrit Sen, Dr. Angshuman Kar	UGC	10-11 January, 2012
	Special Lecture	“Shakespearean Sonnets”	Dr. Subhajit Sengupta, Vidyasagar University	UGC-CPE	03.09.2012
	Special Lecture	“War Poetry”	Smt. Madhumita Barua, Lady Brabourne College	UGC-CPE	03.09.2012
Bengali	Special Lecture	Modern Poetry	Poets Pinaki Thakur and Sibasish Mukhopadhyay	UGC-CPE	August, 2011
Sanskrit in collaboration with Dept. of Sanskrit, Nabadwip Vidyasagar College	State Level Seminar	“Kalidasa and Bhavabhuti”	Biswanath Mukherjee and Satyabati Banerjee	UGC	18-19 November, 2011
Political Science	Special Lecture	“Women in Rural Governance: Problems and Prospects”.	Prof. Prabir Kumar Dey	UGC-CPE	19.02.2014

Philosophy	National Seminar	“The Bhakti Movement and Sufism of the 15th and 16th Centuries : Their Socio-Economic Roots and Impacts on Socio-Political Life in General”	Prof. Karunasindhu Das, Prof. Md. Ismail, Prof. Kumar Mitra, Prof. Nabakumar Nandi, Prof. Kedareshwar Chakraborty, Prof. Rupa Bandyopadhyay	UGC	2008
Philosophy in collaboration with D. L. Roy College	State Level Seminar	“Metacognition”	Prof. Raghunath Ghoshal, Prof. Gangadhar Kar, Prof. Rupa Bandyopadhyay, Prof. Sharbani bandyopadhyay, Prof. Madhu Kapoor	UGC	8-9 September, 2010
Philosophy in collaboration with Ranaghat College	National Seminar	“Perspectives on Person and Personal Identity”	Prof. J. L. Shaw, Prof. Mamata Bandyopadhyay, Prof. Kumar Mitra, Prof. Roma Chakraborty	UGC	14-15 December, 2011
History	Special Lecture	“Aspects of Early Medieval and Medieval Indian Society and Economy”	Dr. Amit De, Dr. Suchandra Ghosh	UGC-CPE	07.08.2012
Geography	Special Lecture	“Tsunami and Its Effect at Global Scale”	Dr. Sugata Hazra,	UGC-CPE	2011
	Special Lecture	“Groundwater Arsenic Contamination and Its Health Effects in Ganga-Meghna-Brahmaputra Plain”	Dr. Dipankar Chakraborty	UGC-CPE	05.10.2012
Geography in collaboration with World Wildlife Fund (WWF) for Nature, India	State Level Seminar	“Environmental Degradation and Strategies for Conservation and Management”	Dr. Kalyan Rudra, Prof. Malay Mukhopadhyay, Dr. Subhro Sen, Dr. Premangshu Chakrabarty, Dr. Lakshmi Sivaramakrishnan, Prof. Ashis Sarkar	UGC	24-25 November, 2011
Economics	National Seminar	“Labour and Employment: Theory and Emperics”	Prof. Debendra Nath Bhattacharyya, Prof. Raj Kumar	ICSSR	27.09.2013

Economics			Sen, Prof. Biswajit Chatterjee,		
Physics	Departmental Seminar	“Astrophysics – Concepts and Challenges”	Prof. D. P. Duari	College	January, 2010
	Departmental Seminar	“Black holes: Formation and Radiation”	Dr. Sunandan Gangopadhyay,	College	20.01.2012
	Special Lecture	“Detection of Higgs like particle in LHC”	Prof. Sukalyan Chatterjee	UGC-CPE	September, 2012
Chemistry	Special Lecture	“Green Chemistry”	Prof. Manas Chakrabarty	UGC-CPE	11.03.2011
	Special Lecture	“Chemistry Today”	Dr. Saradindu Bhattacharyya	UGC-CPE	11.03.2011
	Special Lecture	“Schiff Base Coordination Compounds: Characterization, Structural Diversity and Application”	Dr. Shyamapada Shit, Jalpaiguri Govt. Engineering College	UGC-CPE	16.04.2013
Mathematics	Special Lecture	“Applications of Operation Research”	Prof. Prasanta Kumar Chaudhury	UGC-CPE	28.02.2011
	Special Lecture	“Limit-Continuity and Differentiability”	Dr. Somnath Bandopadhyay, Maulana Azad College	UGC-CPE	28.09.2012
Mathematics in collaboration with Nadia Mathematical Society	State Level Seminar	“Basic Mathematics”	Dr. Partha Karmaker, Bethune College	Nadia Mathematical Society	28.06.2014
Botany	Special Lecture	“Biodiversity”	Dr. Soumen Bhattacharjee, Krishnagar Government College	UGC-CPE	2011
	Special Lecture	“Medicinal and Aromatic Plants”	Prof. Monilal Ghosh and Prof. Jukta Adhikari	UGC-CPE	2012
	Special Lecture	“Enzymes: The Majestic Molecules of Life”	Prof. Jukta Adhikari and Dr. M. L. Majumdar	UGC-CPE	08.10.2012
Zoology	Special Lecture	“Chromosome Man and Chironomus”	Prof. Trilochon Midya	UGC-CPE	2009
	Workshop attended by all	“Change in Climate”	Dr Debajyoti Chakraborty, Krishnagar Govt. College and	KU	2010

Zoology	teachers related to ENVS & students		Prof. Subhash Santra (Workshop Coordinator)		
	Special Lecture	“Biodiversity”	Prof. Tanmoy Bhattacharya	UGC	2011
	Special Lecture	“Human Molecular Genetics”	Prof. Trilochon Midya	UGC-CPE	2012
	Special Lecture	“Acarines in Relation to Morphology, Habitat and Life-history”	Prof. Salil Kumar Gupta, D.Sc.	UGC-CPE	2012
Physiology	Special Lecture	“Search of Functional Food: Indian Perspective”	Dr. Pubali Dhar	UGC-CPE	2011
	Special Lecture	“Climate Change and Human Health”	Prof. Goutam Pal	UGC-CPE	2012



PHOTO 3.2: PROF. DIPANKAR CHAKRABORTY DELIVERING HIS LECTURE FUNDED BY CPE ON 5.10.2012

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

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

Table 3.9 Prioritised Research Areas of Present Faculty

Name of Faculty	Specialisation	Thrust Area of Research
Prof (Dr.) Jayasri Ray Chaudhuri	Regional Planning	Regional Planning and Developmental Studies
Dr. Sandipan Chakraborty	Cartography and Geomorphology	Applied Cartography and Geomorphology and their applications with GIS and Remote Sensing
Dr. Indrani Chakraborty	Immunology & Microbiology	Effect of herbal products on reproductive system
Dr. Jayasree Mukhopadhyay	Modern India	The Ramakrishna-Vivekananda Movement (Political and Social impact), Social and Cultural History of Modern India, Tribal History
Dr. Samir Kr. Pal	Microbiology	Microbiology
Dr. Pintu Banerjee	Microbiology and Applied Microbiology	Microbiology and Tissue Culture
Dr. Sharmistha Maity	Cytogenetics and Tissue Culture	Cytogenetics and Tissue Culture
Dr. Asok Ghosh	Taxonomy of Angiosperms	Taxonomy and Systematics of Cyperaceae in general, and the Genus <i>Carex</i> in Particular
Dr. Jayati Ghosh	Parasitology and Immunobiology	Insect gut microbes and parasites
Dr. Basuli Maitra	Cytogenetics and Molecular Biology	Polytene Chromosomes of Chironomids
Dr. Enamul Haque	Entomology	Cancer Immunology
Sujit Kr. Bhowal	Cytogenetics & Molecular Biology	Biodiversity, Cell biology
Ivy Kundu	Endocrinology	Parasitology and Immunology
Urmi Mitra	Parasitology and Immunobiology	Immunology and Immunotoxicology
Kuntal Gupta	Nutrition and Dietetics	Community Health study in various aspects
Achintya Mohan Goswami	Endocrinology and Reproductive Physiology	Nanobiology, Effect of nanoparticles on microbial systems
Dr. Anil Kumar Biswas	Public Administration	Rural Development, Tribal Study
Dr. Chaitali Chaudhuri	Modern History	Role of Press in Colonial and Post-Colonial Bengal
Anjan Saha	Colonial and Post-colonial India	Post Partition Bengal
Dr. Samrat Laskar	Language Studies	Postcolonial Fiction and Ecocriticism

Roopamala Saha	Romantic and Victorian Literature.	Romantic Literature and Modern Drama
Dr. Snigdha Bandyopadhyay	Comparative Literature	Poet Biography, Poetry Movement
Dr. Ranku Das	Rabindrasahitya	Bengali Pir Sahitya
Indrani Goswami	Comparative Literature	Status of Women in Higher Education
Dr. Panchanan Mandal	Modern Poetry	Bengali Novel, Short Story & Modern Poetry
Dr. Balai Chandra Das	Advanced Agricultural Geography	River and Wetlands
Dr. Rajashree Dasgupta	Cartography	Environmental Geography & Regional Planning
Dr. Ayan Das Gupta	Geomorphology	Urban Geography and Regional Planning
Nabamita Barman	Indian State and Society	Women Empowerment, Indian Political Thought and Public Administration
Sanchita Kundu	Samkhya-Yoga	Upanishads
Dr. Susmita Bhattacharya	Comparative Religion	Existentialism, Post Modernism
Swati Bhattacharya	Logic (Indian & Western)	Indian Ethics
Dr. Anupam Chakraborti	Population Economics	Economic Factors of Crime, Retail Trade
Joyjit Dhar	Econometrics & Mathematical Economics	Financial Economics
Arindam Jana	Econometrics & Statistics	Rural Credit, Micro Finance
Dr. Gobardhan Rano	Applied Mathematics	Fluid Dynamics, Fuzzy Functional Analysis
Dr. Mani Shankar Mandal	Applied Mathematics	MHD Flow, flow separation, pulsatile flow and Dynamical systems
Bishwajit Paul	Electronic and Radio Engineering	Non-linear dynamics and chaos
Dr. Tista Das Gupta (Bhattacharyya)	Biochemistry	Quantitative analysis of Structure-activity relationship of proteins
Dr. Tapati Mallik	Physical Chemistry	NLO materials and their uses in optoelectronic devices
Dr. Ajanta Mukherji	Organic Chemistry	Synthesis of bioactive molecules

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

The Institution frequently organizes Seminars and Symposiums where a good number of eminent faculty members and researchers from different institutions of repute have visited as Resource Persons and Invited Speakers. Details are given in the following table.

Table 3.10 List of eminent academicians and scientists/visitors to different departments

Sl. No.	Eminent academician/ scientist/ visitor	Affiliation	Purpose of Visit	Year
1	Dr. Satyaki Pal	Associate Professor, R.K.M. Residential College, Narendrapur	Speaker in Special Lecture	2011
2	Prof. Krishna Sen	University of Calcutta	Speaker in National Seminar	2012
3	Prof. Rupin Desai	Delhi University	”	2012
4	Prof. Anand Prakash	Hans Raj College, Delhi University	”	2012
5	Prof. Sarbani Chaudhury	University of Kalyani	”	2012
6	Dr. Amrit Sen	Visva Bharati University	”	2012
7	Dr. Angshuman Kar	University of Burdwan	”	2012
8	Pinaki Thakur	Eminent Poet	Speaker in Special Lecture	2011
9	Sibasish Mukhopadhyay	Eminent Poet	”	2011
10	Biswanath Mukherjee	Dept. of Sanskrit, University of Burdwan	Speaker in State Level Seminar	2011
11	Satyabati Banerjee	Dept. of Sanskrit, University of Burdwan	”	2011
12	Prof. Prabir Kumar Dey	Dept. of Political Science, University of Kalyani	Speaker in Special Lecture	2014
13	Prof. Karunasindhu Das	Vice Chancellor, Rabindra Bharati University	Speaker in National Seminar	2008
14	Prof. Md. Ismail	Dept. of Islamic Studies, Aligarh Muslim University	”	2008
15	Prof. Kumar Mitra	Rabindra Bharati University	”	2008
16	Prof. Nabakumar Nandi	Former President, WBCSC	”	2008
17	Prof. Kedareshwar Chakraborty	Former Prof., Dept. of Sanskrit, K.N. College	”	2008
18	Prof. Rupa Bandyopadhyay	Jadavpur University	”	2008, 2010
19	Prof. Raghunath Ghosh	North Bengal University	Speaker in State Level Seminar	2010
20	Prof. Gangadhar Kar	Jadavpur University	”	2010
21	Prof. Sharbani Bandyopadhyay	Rabindra Bharati University	”	2010

22	Prof. Madhu Kapoor	Behala College	”	2010
23	Prof. J. L. Shaw	Department of Philosophy Victoria University, Wellington, New Zealand	Speaker in National Seminar	2011
24	Prof. Mamata Bandyopadhyay	Retd. Professor, University of Calcutta	”	2011
25	Prof. Kumar Mitra	Retd. Professor, University of Calcutta	”	2011
26	Prof. Roma Chakraborty	University of Calcutta	”	2011
27	Lopamudra Choudhury	Associate Prof., Dept. of Philosophy, Jadavpur University	”	2011
28	Prasenjit Biswas	Associate Prof., Dept. of Philosophy, North-East Hill University, Shillong	”	2011
29	Amit Bhattacharya	Associate Prof., Dept. of Sanskrit, University of Burdwan	”	2011
30	Dr. Amit De	Dept. of History, University of Calcutta	Speaker in Special Lecture	2012
31	Dr. Suchandra Ghosh	Dept. of Ancient Indian History & Culture, University of Calcutta	”	2012
32	Dr. Sugata Hazra	Dept. of Geology and School of Oceanographic Studies, Jadavpur University	Speaker in Special Lecture	2011
33	Dr. Dipankar Chakraborty	School of Environmental Sciences, Jadavpur University	”	2012
34	Dr. Kalyan Rudra	Chairman, WB Wasteland Development Co.	Speaker in State Level Seminar	2011
35	Prof. Malay Mukhopadhyay	Visva Bharati University	”	2011
36	Dr. Subhro Sen	Coordinator-Climate Change, WWF	”	2011
37	Dr. Premangshu Chakraborty	Associate Prof. & Head, Dept. of Geog., University of Kalyani	”	2011
38	Dr. Lakshmi Sivaramakrishnan	University of Burdwan	”	2011
39	Prof. Ashis Sarkar	Head, Dept. of Geog., Presidency University	”	2011
40	Prof. Debendra Nath Bhattacharyya	Former Professor of Economics, The University of South Pacific and Professor & Director, Apex Management Institute, West Bengal	Speaker in National Seminar	2013

41	Prof. Raj Kumar Sen	Chairman, IIDS, Kolkata,	”	2013
42	Prof. Biswajit Chatterjee	Dept. of Economics, Jadavpur University	”	2013
43	Prof. D. P. Duari,	Birla Planetorium, Kolkata	Speaker in Special Lecture	2010
44	Dr. Sunandan Gangopadhyay	Barasat State University	”	2012
45	Prof. Sukalyan Chatterjee	Saha Institute of Nuclear Physics	”	2012
46	Prof. Manas Chakrabarty	Sr. Professor & Emeritus Scientist (C.S.I.R.), Dept. of Chem., Bose Institute	”	2011
47	Dr. Saradindu Bhattacharyya	Associate Prof. (Retired), Dept. of Chem., Hooghly Mohsin College	”	2011
48	Prof. Prasanta Kumar Chaudhury	(Retd.), North Bengal University	”	2011
49	Prof. Monilal Ghosh	Itachuna College, Hooghly	”	2012
50	Prof. Jukta Adhikari	A.D.P.I., Govt. of West Bengal	”	2012
51	Dr. M. L. Majumdar	Itachuna College, Hooghly	”	2012
52	Prof. Trilochon Midya	Former Professor of Presidency College, Kolkata	”	2009, 2012
53	Prof. Subhash Santra	Sr. Professor, ENVS Dept., KU	Coordinator for Workshop on ENVS	2010
54	Prof. Tanmoy Bhattacharya	Former Professor, Vidyasagar University	Speaker in Special lecture	2011
55	Prof. Salil Kumar Gupta, D.Sc.	Retd., Jt. Director, Zoological Survey of India	”	2012
56	Dr. Pubali Dhar	Dept. of Home Science, University of Calcutta	”	2011
57	Prof. Goutam Pal	Dean of Science, Professor in Physiology, University of Kalyani	”	2012

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?

As employees of West Bengal Government our teachers are not entitled to avail Sabbatical leave. However, they make optimal use of Summer and Puja vacations, Winter recess, holidays and preparatory days for pursuing their research.

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)

Water testing by the Department of Chemistry has generated awareness among the students regarding the presence of harmful chemicals in the drinking water of their homes and communities. This initiative is taken every year free of cost with every new batch of the UG students and the findings are disseminated among them. The details are given below.

Table 3.11 Initiative of the College to Create Awareness

Initiative	Parameters Tested	Place and Method of Testing	Supervising Faculty	Total No. of Water Samples Tested from 2012-2014
Testing of drinking water brought from the homes of the students of the College.	Total alkalinity, pH, arsenic, iron, fluoride, chloride, residual chlorine, phosphate, nitrate, nitrite, and ammonium ion	Department of Chemistry, by Water testing Kits purchased from UGC-CPE grant	Dr. Ajanta Mukherji, Dept. of Chemistry	114



PHOTO 3.3: WATER TESTING FACILITY AT CHEMISTRY DEPARTMENT

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 Institutional State Government budget as such does not have any separate provision for funding research work. However, a fraction of the Plan expenditure of the State Govt. and Development Grant of UGC are utilized for purchase of sophisticated equipments which are used for research and development purpose in addition to the requirement of the curriculum. The teachers are encouraged/ permitted to make best use of infrastructural facilities of the college such as library, instruments, laboratory, computer, internet to carry out their research work. The impact of this encouragement can readily be seen from the number of ensuing research projects being carried out by our teachers. Grant-in-aids from UGC, ICSSR, DST etc. provides finance for research as shown in **Table 3.6**

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?

Since it is a pure government institution under the Higher Education Department of Govt. of West Bengal the college is not financially autonomous and there is no provision for providing Seed money to the researchers according to the WBFR of the Government.

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

There is no provision in the institute to provide financial help to support research projects by students. However, the institution provides laboratory facilities, computer lab with internet connections and well equipped library to support the students for their research projects. Grant-in aids have been received from UGC-CPE for field work and excursions examples of which are shown below.

Table 3.12 CPE Allotment of Funds for Study Tours for Different Departments

Session	Department	Fund Allotted (in Rs)
2010-2011	Geography	20,000
	Botany	20,000
	Zoology	20,000
	Physiology	20,000
	History	20,000
2011-2012	Geography	20,000
	Botany	20,000
	Zoology	20,000
	Physiology	20,000
	Physics	10,000
	Chemistry	10,000

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 Faculty members of the Postgraduate Department of Geography frequently interact with the faculty members of the Departments of Chemistry, Zoology and Botany for water and soil sample analysis. A few examples of inter-disciplinary research are given in the Table below.

Table 3.13 Interdisciplinary research work

Main Supervising Faculty with Department	Title of Project with Year	Name of Student(s)	Name of Assisting Faculty with Department	Nature of Assistance
Dr. Rajashree Dasgupta, Dept. of Geography	“An overview on the Status of Arsenic Contamination in Krishnagar Town”	Anowar Hossain (PG Dissertation, 2011-12)	Dr. Ajanta Mukherji, Dept. of Chemistry	Analysis of water samples for various ions
Suman Paul and Rituparna Khan, Dept. of Geography	“An Appraisal of Livelihood Pattern with Reference to Village Tourism of Baranti, Purulia – An Upcoming Destination of Village Tourism Spot in Western Part of Bengal”	30 students (PG Field, 2012-14)	Dr. Ajanta Mukherji, Dept. of Chemistry	Analysis of water samples for various ions
Rituparna Khan, Dept. of Geography	“Arsenic Pollution in Krishnagar”	Raktim Biswas (PG Dissertation, 2011-12)	Dr. Ajanta Mukherji, Dept. of Chemistry	Analysis of water samples for various ions

- The teachers of different UG and PG departments supervise Environmental Studies projects which are inter-disciplinary in nature. Some of the projects which have been carried out by the different Departments are shown below:

Table 3.14 Projects of Environmental Studies carried out by some Departments

Department	Topic/Title of Project	Year
English	“Ecosystem of the Pond”	2013, 2014
Chemistry	“Assessment of Quality of Drinking Water in and around Nadia District”	2012, 2013, 2014
Mathematics	“Water Pollution of Jalangi River”, near Krishnagar	2013

Geography	“A Preliminary Assessment of Recent Air Pollution Status in Kolkata Metropolitan Area”	2010
	“An Evaluation of Man-Environment Relationship in Bangaljhi Mouza, Chapra C.D Block, Nadia, West Bengal”	2011
	“Recent Status of Noise Pollution in Kolkata Metropolis – A Baseline Assessment”	2012

- An Interdisciplinary Minor Research Project proposal has been submitted by Zoology, Botany, Physiology and Chemistry departments as part of the DBT Star College Scheme.

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

In different subjects, groups of students form teams which utilize equipments by turn. As examples, GPS, Maps and satellite imagery in Geography may be used for spatial analysis and sample collection by other Departments.

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

No grant has been received from the Industry. Major part of the grants that have been received is from UGC and rest from the State Government.

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

The Research Committee of the College extends full support to the faculty in getting grants from funding agencies for pursuing their individual research projects right from the submission stage till the completion of the project as discussed in detail in **Section 3.3.2**. The details of ongoing and completed projects and grants received during the last four years have been given in **Table 3.6**.

3.3 RESEARCH FACILITIES

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

- Research laboratories in Geography, Physics, Chemistry, Mathematics, Botany, Zoology, Physiology.
- One Central Instrument Room having sophisticated instruments like UV-VIS spectrophotometer, BOD incubator, PCR Thermocycler, Laminar Air Flow etc.

- One Language laboratory in the Dept. of English.
- Separate Computer Room with Internet Facility in Geography, Physics, Chemistry, Mathematics, Botany, Zoology, Physiology.
- One RS-GIS laboratory (containing five desktop and one laptop Computer) in the Dept. of Geography.
- Specific software tools for research like Remote Sensing - GIS software TNT-MIPS (presently installed in the Dept. of Geography) for doing image analysis and GIS mapping. Till 2010-'11 the Department had GEOMATICA software for the use of both students and faculty members for pursuing RS-GIS analysis.
- A Medicinal Plant Garden in the Dept. of Botany.
- A separate Central Library housing more than 1 lakh books and 103 journals.
- Access to research journals through INFLIBNET has been made available.
- Separate Seminar Libraries in all Departments.
- Access to off-campus library facilities like British Council Library through institutional membership.
- Photocopy facility within the campus.

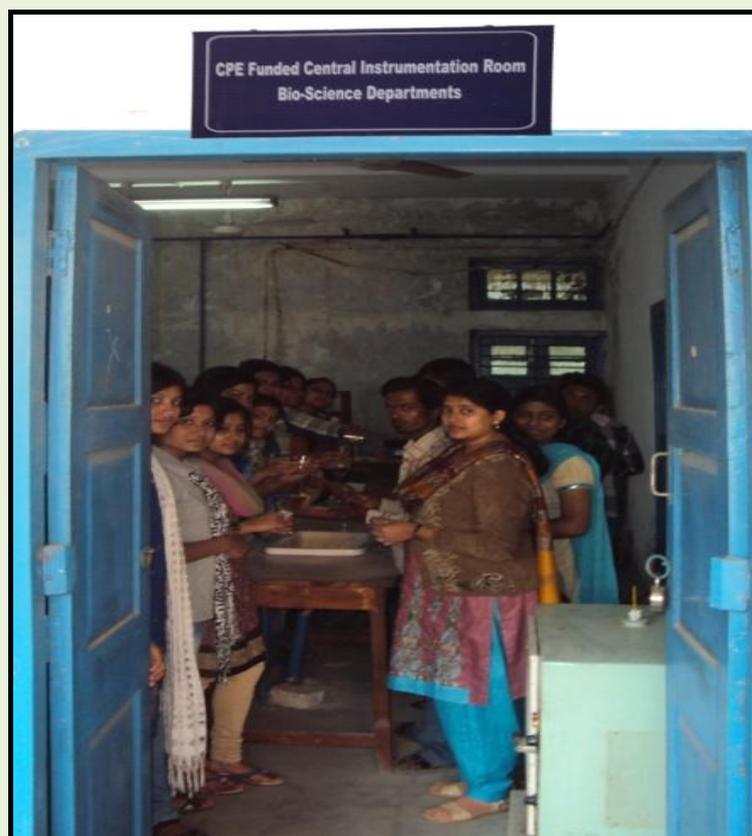


PHOTO 3.4: CENTRAL INSTRUMENTATION ROOM

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 principal strategy of the College is to maintain separate academic and administrative sub-committees like “UGC”, “Research Committee for Arts

and Social Sciences”, “Research Committee for Sciences”, “Library”, “Internet facilities”, “Seminar” and “Academic Journal” to cater to the separate needs of the researchers.

- The sub-committees work individually and also cooperatively to chalk out plans for upgrading and creating infrastructural facilities in the new and emerging areas of research.
- The UGC sub-committee monitors the Funds sanctioned by UGC for the College, Minor and Major research projects.
- The Research sub-committees encourage the Faculty to undertake research projects and, in consultation with the Head of the Departments/Faculty, try to identify both existing and new infrastructure requirements of the researchers.
- The “Library” sub-committee subscribes to new books, journals and e-journals keeping with the demands of the research scholars in both UG and PG departments.
- The scholars get access to e-journals through INFLIBNET.
- The remaining sub-committees provide additional support necessary to meet the needs of the researchers.
- In addition, the College encourages the faculty to participate in Faculty Development programmes like Orientation Programme, Refresher Course, Seminar, Workshops, Symposium, Conference, etc. to stay up-to-date with the new and emerging areas of research.

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 received several special grants from UGC and State Government for developing research facilities. The major instruments and facilities created during last four years are given below.

Table 3.15 List of Major Instruments purchased during last four years

Sl. No.	Dept.	Name of Instrument/ Facility	Amount	Funding Agency
1	All Science Departments	Central Instrument Room: 1. -20°C freezer 2. PCR-Transilluminator 3. UV-VIS Spectrophotometer 4. BOD incubator 5. Laminar Air-Flow	Purchased from different Depts.	UGC-CPE, UGC-Addtl.
2	English	Language Laboratory containing: 1. Multimedia Computers with LCD Monitor 2. Digital Multimedia Language Lab Software + Content 3. Multimedia Acoustic Audio Headphones 4. D-Link Network Hub 8 Port 5. CAT 5 Networking Cables & Clips	282464	UGC-CPE, 2013

3	Philosophy	1. 3M Super Close Projection System and accessories	175000	UGC-CPE, 2010-11
		2. WACOM interactive Pen display and accessories	116460	UGC-CPE, 2012-13
4	Geography	RS-GIS Software-TNT View-10 users-Floating License	180000	UGC Addtl., 2010-11
		Satellite Imageries	52000	UGC Addtl., 2012-13
5	Physics	Hall effect set-up	57000	UGC Addtl., 2011-12
		Four probe set-up	50000	
		Optical bench	46000	Govt., 2012-13
		Autoclave	63300	UGC Addtl., 2012-13
6	Chemistry	Deionised water plant	80000	UGC-CPE, 2010-11
		Water Testing Kits	60000	
		Microscope	65000	UGC-Addtl, 2010-11
		Water Testing Kits	60000	UGC-CPE, 2012-13
		Free drinking water testing facility with Dept. of Botany	80000	
		CSA	82000	UGC Addtl., 2012-13
7	Mathematics	Wolfram Mathametica Professional V8.0	47250	Govt., 2010-11
8	Botany	96 Well Thermal Cycler	340000	UGC-CPE
9	Zoology	Stereo Microscope	57874	UGC-CPE, 2010-11
		PCR-Transilluminator	425000	UGC Addtl., 2010-11
		UV trans illuminator	114536	UGC-CPE, 2011-12
		UV-VIS Spectrophotometer	103000	
		Microfuge REMI	102173	
Shaker with shaking water bath	58000			
		Refractometer with trinocular microscope with camera attachment (2)	132440	
		Microscope with inbuilt light source (LED facility)	125000	UGC Addtl., 2011-12
10	Physiology	Digital Spirometer	98500	UGC-CPE, 2010-11
		BOD incubator	59500	
		Laminar Air-Flow Chamber	71000	UGC Addtl., 2012-13



PHOTO 3.5: CENTRIFUGATION MACHINE AND THERMAL CYCLER

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

Students under PG level for their field studies and for their dissertation works (prescribed under the course curriculum of the University of Kalyani) and, in some cases also the UG students, visit different Organizations for procurement of relevant data/information. A few examples are given below.

- The students of the Dept. of Geography often visit Indian Meteorological Department (for collecting climatic data of specific study areas), Census of India (for collecting Demographic Data), Bureau of Applied Economics and Statistics (for collecting various socio-economic data), Survey of India (for collecting topographical maps of specific Study areas), National Thematic Mapping Organization (for collecting different thematic maps at National and Regional levels), National Remote Sensing Organization (for procuring satellite imageries of different areas at National and Regional levels), etc.
- The students from the Dept. of Zoology visit other research laboratories and institutions like Immunology and Immunodiagnostic lab, CNCI, Calcutta for training in ELISA and Cell Culture Lab and West Bengal University of Science & Technology, Biotechnology lab for training in PCR and Gel electrophoresis.
- The research scholars of the Department of Chemistry visit the Libraries of the Indian Association for the Cultivation of Science, Indian Institute of Chemical Biology, Jadavpur University, Calcutta University, Bose Institute, etc. They also avail of the Instrumental facilities available at these centres.
- The researchers from Humanities avail the facility of the libraries like the National Library, India, The British Council Library, Kolkata, Calcutta University Central Library, etc. to pursue their research activities.

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

- The Central Library of the College houses 1,10,377 books and subscribes to 103 journals across all subjects which the researchers can access.
- Access to research journals through INFLIBNET is available.
- It contains reading room for the researchers.
- It provides 10 Institutional Memberships to the British Council Library per year whereby each member can issue a maximum of 3 books.
- There are 3 desktop computers connected through LAN and 2 printers in the Library.
- Through LIBSYS, computerization of catalogues and printing of computer generated catalogues is being done.
- Fumigation chambers are installed for preservation of books.
- As future requirement, bar coding facility will have to be initiated.
- There are separate Seminar Libraries in each Department.
- In 2013 a Seminar Library has also been started in the student Hostel with a small number of text and reference books.
- Interactive sessions are organized with other organizations for upgrading research facilities in the College as for example,

An **interactive session** was organized on 11.05.2010 with representatives of **Cambridge University Press** for the faculty and students. The session focused on the use of online academic resources such as e-books and e-journals of Cambridge University Press.

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.

An example of a research facility developed by other research institute in the college campus is given below:

- Indian Meteorological Department (a central organization and the nodal agency for generating climatic data at national and regional level) has installed an Automatic Weather Station within the College campus for generating climatic data related to Maximum and Minimum temperature, rainfall and relative humidity for Krishnanagar and surrounding regions.

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Highlight the major research achievements of the staff and students in terms of

- **Patents obtained and filed (process and product):** Nil
- **Original research contributing to product improvement:** Nil
- **Research studies or surveys benefiting the community or improving the services:**

Table 3.16 Some Important Community Surveys done by the College in last four years

Department	Research study/survey	Benefit to the community/ improving services
Geography	“An Overview on Education Mapping of	The survey team has informed about the importance of education in one’s

Geography	Slum Women and Children in Krishnagar Municipality, Nadia District, West Bengal”	life to the slum dwellers. The parents were requested not to engage their children in jobs for earning money during their school hours. The mass awareness of sending children to schools and to make them attain their minimum education (upto secondary level) may reduce the school dropout ratios to some extent which is still quite high in the slums of Krishnagar Town.
	A Baseline Assessment on the Economic Status and Health Challenges of Clay Modelling Workers in Krishnagar Municipality, Nadia District, West Bengal	The report has tried to disseminate the potential problems in clay modelling profession which if continued may lead to complete closing of this unique profession from the region. The detailed information generated from this study may help the local administration for designing fruitful measures to revive the year-old tradition of clay modelling in Krishnagar town.
Chemistry	Water testing leading to detection of ‘arsenic’ in and around Nadia district, 2012-2014	Proposal for dearsenification is being made to Govt. of West Bengal with the help of P.H.E.
Physiology	Study of general health check up of rural people at Kalyani, 2009	The outcome of the health camp was encouraging as the local poor people got the opportunity to check up their general health (like BP, TC, DC, Hb, blood sugar, cholesterol, etc.) free of cost and got advise to overcome any disorder. Students were also benefited as they learnt different assay techniques for measurement of blood parameters and also community survey technique by questionnaire method.
	Comparative study of Physiological parameters of Fishermen and non-fishermen of the same locality in Digha and adjacent areas, 2011	Fishermen were highly benefited as they could know their haematological and respiratory status and got suggestions for what the precautions they should take to overcome the occupational hazard. Students also got an idea of the hazards usually occurred in fishing occupations after comparing the parameters with the non-fishermen of the same locality and same socio-economic status.

- **Research inputs contributing to new initiatives and social development:**

As a result of various community surveys there has been community awareness, 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 has a bilingual Academic Journal, the details of which are given in the Table below.

Table 3.17 Details of the Academic Journal of the College

Name of College Journal	Editorial Board	Publication Policies	Whether listed in any International Database
Conscientia ISSN No. 2278-6554	Editor-in-Chief: Prof. (Dr.) Jayasri Ray Chaudhuri Board Members: Anupam Chakraborti, Head, Dept. of Economics, Jayati Ghosh, Head, Dept. of Zoology Enamul Haque, Dept. of Zoology Ranku Das, Dept. of Bengali Achintya Mohan Goswami, Dept. of Physiology, Tapati Mallik, Dept. of Chemistry	The Academic Journal of Krishnagar Govt. College is published thrice a year. It carries scholarly papers on subjects of academic as well as of popular interest. The journal also publishes articles on innovative procedures in teaching and in the general dissemination of knowledge. The journal aims to facilitate discussions on important issues pertaining to the Sciences, the Social Sciences and the Humanities.	No

3.4.3 Give details of publications by the faculty and students.

During the period from 2008-2014, the total number of publications by faculty members (serving this College) and students comprising papers published in peer and non-peer reviewed journals, monographs, chapter in books and books with ISSN/ISBN No. is **290**. Within this period a large section of the faculty have been transferred out to other colleges, as well as, many teachers have been transferred into or been freshly posted to this college. The total number of permanent, full time faculty during 2008-2014 (including all transferred faculty) is **132**.

Therefore, **Publication per faculty = $290/132 = 2.2$**

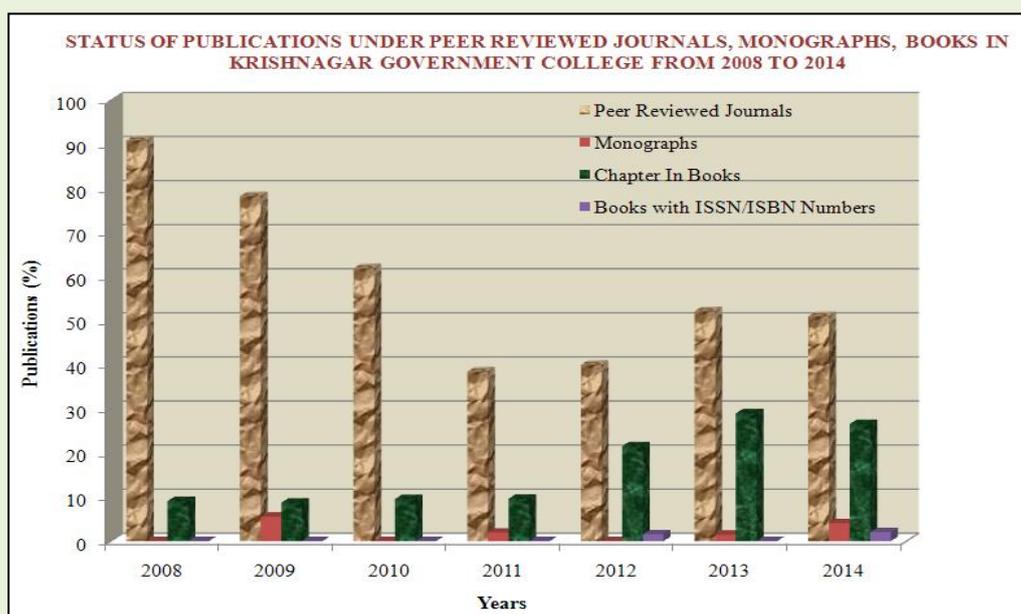
No. of Publications by students = 2 (See Annexure-I)

The summary of publications has been given in **Table 3.18**.

Table 3.18 Publications by Full Time Faculty September, 2008-2014

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total yearwise publication of the College	11	23	21	52	65	69	49	290
No. of papers published in peer reviewed journals (National/ International) by faculty and students	10	18	13	20	26	36	25	148
No. of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	11	20	12	19	26	40	22	150
Monographs	-	1	-	1	-	1	2	5
Chapter in Books	1	2	2	5	14	20	13	57
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	1	-	1	2
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

*For Full List of Publications of the Faculty and Students, See Annexure-1

**CHART 3.1 YEARWISE % DISTRIBUTION OF PUBLICATIONS**

3.4.4 Provide details (if any) of

- research awards received by the faculty
- recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
- incentives given to faculty for receiving state, national and international recognitions for research contributions.

Table 3.19 Research Awards and Recognitions (2009-2014)

Name of Faculty	Department	Research Award received/ Recognition received from reputed professional bodies and agencies, nationally and internationally
Achintya Mohan Goswami	Physiology	1) 1st Prize in Poster Presentation in the National Conference on Nanoscience and Nanotechnology (NCNN-2011) held during 25-27 th August, 2011 at Miramalai Campus, University of Madras, Chennai 2) Invention award on 04.01.2011 given by Intellectual ventures, Bangalore.
Dr. Samrat Laskar	English	His paper "Amitav Ghosh's <i>The Hungry Tide</i> : Multilayered Translation and Transcultural Communication." has been included in the curriculum of The Asian Studies (Amitav Ghosh and the New Anthropologists) in York University for the Winter 2014 session.
Dr. Anupam Chakraborti	Economics	1) Best Actor Award in International French Drama Festival organized by Alliance Francaise de Dhaka, Bangladesh in April, 2009 2) Best Actor Award in 16th Pune Bengali Theatre Festival organized by Dishari, Pune in November, 2009

3.5 CONSULTANCY

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

The various Departments of the College plan industry visits and educational tours from time to time. Such visits are very much in the curriculum of the PG Departments; additionally, some of the UG Departments have also conducted study tours so that the students get exposure to relevant industries or laboratories. A few examples are given.

Table 3.20 Industry Visits of the College

Department	Industry/Institute visited	Year of Visit
Zoology	Central Inland Fisheries Research Institute, Barrackpore by M.Sc. Semester-II students	2011
	Central Inland Freshwater Aquaculture, Kalyani by M.Sc. Semester-III students	2014
Physiology	Sports Authority of India, Kolkata by B.Sc. (Hons) students	2012
Physics	Variable Energy Cyclotron Centre, Kolkata by B.Sc. 3 rd Year (Hons) students	2012

Chemistry	Indian Institute of Science Education and Research, Mohanpur, Kolkata by B.Sc. 3 rd Year (Hons) students	2013
Geography	Terracotta and Clay Doll-making Industry at Ghurni, Krishnagar and Cotton Sari-weaving Industry at Fulia, Shantipur, both in Nadia district, West Bengal by M.Sc. Final year students.	2014
Botany	Bidhan Chandra Krishi Viswavidyalay Plant Breeding Farm	Going to be organized soon



PHOTO 3.6: INDUSTRY VISIT AT IISER BY THE DEPARTMENT OF CHEMISTRY



PHOTO 3.7: INDUSTRY VISIT AT FULIA BY GEOGRAPHY DEPARTMENT

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

All the Faculty members of the Institution are free to provide consultancy services on an honorary basis since they belong to the rank of Gazetted Officers (Group–A) in West Bengal Education and Senior Education Service (WBES, WBSES). No extra effort is made to advocate and publicize their expertise. However, their expertise being widely known through various sources like the College website, various organizations /institutes avail of their services frequently on honorary basis.

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

The IQAC and Research committees of the institution always encourage the Faculties to extend consultancy service. They are provided with On-Duty Leave, if required, for offering their service. There is no scope for obtaining financial revenue for the institute as it is a full-fledged Government Institute under the Department of Higher Education, Govt. of West Bengal. However, keeping the social commitment in mind, the institute always promotes different consultancy services by the teachers free of cost to different agencies when approached.

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

The broad areas and major consultancy services provided by the Institution during 2008-2014 are as follows:

Table 3.21 Broad Areas and Major Consultancies of the College

Area of Consultancy	Faculty/ Department providing the service	Year
Member of PG Board of Studies, West Bengal State University, Barasat	Prof. (Dr.) J. Ray Chaudhuri	2011
Member of PG Board of Kalyani University	Prof. (Dr.) J. Ray Chaudhuri	2011
Member of Research Board of Kalyani University	Prof. (Dr.) J. Ray Chaudhuri	2011
Visiting Professor in M.Phil. classes of School of Oceanographic Studies, Jadavpur University	Prof. (Dr.) J. Ray Chaudhuri	2011, 2012
VC Nominee in Lecturer Selection Board in Gourbanga University	Prof. (Dr.) J. Ray Chaudhuri	2012
W.B.P.S.C. Chairman's Nominee in WBCS Syllabus revision	Prof. (Dr.) J. Ray Chaudhuri	2011
Subject Expert in W.B.P.S.C.'s Lecturer Recruitment	Prof. (Dr.) J. Ray Chaudhuri	2014
Subject Expert and Govt. Nominee to Career Advancement Scheme	Dr. Anupam Chakraborti, Dr. Subhasis Chakrabarti	2014

Member of UG Board of Studies of Economics, University of Kalyani	Dr. Anupam Chakraborti	2009-2014
Member of UG Council , University of Kalyani	Dr. Swarup Bose	2009-2014
Member of UG Board of Studies of Bengali, University of Kalyani	Dr. Ranku Das	2009-2014
Member of PG Council , Zoology, University of Kalyani	Dr. Jayati Ghosh	2011
Member of Governing Body (VC Nominee) of Nabadwip Vidyasagar College	Dr Sharmistha Maity	2011
Author of Text Manual entitled "Entrepreneurial Economics" for B.Sc. Economics (Hons) course of the University of Kalyani	Dr. Anupam Chakraborti	2012
Member of the Editorial Board of <i>International Studies: Interdisciplinary Political and Cultural Journal</i>	Dr. Samrat Laskar	2013 onwards
Reviewer of different National and International Academic Journals	Dr. Soumen Bhattacharjee	2010 onwards
Reviewer of Academic Journals CIBTECH	Dr. Ashoke Bhattacharya	-
Reviewer of the Academic Journal - <i>International Journal of Tropical Biology and Conservation</i>	Dr. Asok Ghosh	-
Jury Member in the District and State Level Exhibition and Project Competition (Science Fair) under DST-INSPIRE Award held every year	Dr. Pintu Banerjee Dr. Sharmistha Maity Dr. Ashoke Bhattacharya Dr. Asok Ghosh Dr. Basuli Maitra Dr. Sujit Kr. Bhowal Mr. Gobardhan Rano Mr. Subrata Mukhopadhyay Ms. Tonuka Dey Dr. Ujjwal Das Dr. Shyamapada Shit Dr. Dhruba Prosad Chatterjee Dr. Tapati Mallik Dr. Ajanta Mukherji	2010-2014
Convener (MIC Nominee) of Science Fair (State Level) organized by Yuva Kalyan Daptar, West Bengal held at D.L. Roy College, Krishnagar	Dr. Pintu Banerjee	2013
Paper Setter and Examiner of Public as well as Competitive Examinations like Staff Selection Commission, WB-JEE, SET, etc.	Faculty members of the Department of English, Chemistry and Geography	2012, 2013, 2014

Exam Coordinator of Public Examinations like Primary TET, SET, SSC, etc. at Krishnagar Govt. College centre	Dr. Ashoke Bhattacharya Dr. Pintu Banerjee Mr. Subrata Mukhopadhyay	2013
Health check-up (BP, TC, DC, Hb, blood sugar, cholesterol, etc.) camp in rural area of Kalyani, West Bengal and check-up of haematological parameters and physical fitness of people of Vidyanagar, Burdwan	Dr. Ashis Kumar Pandit and Dr. Dipak Das, Dept. of Physiology	2009
Nodal Officer (Nominated by the Principal) of the Election Commission of India	Mr. Anjan Saha	2012 2013 (Panchayat Election) 2014 (Lok Sabha Election)

The College, being a Government College, has not generated any financial revenue through consultancy services till date. Only admissible Honorarium is given to the concerned Faculty by the beneficiary Institutes.

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?

Since as a Government Employee no Faculty member can earn revenue from consultancy service, there is no question of sharing the income generated through consultancy.

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

To promote institution-neighbourhood-community network, Krishnagar Government College organizes various programmes throughout the year. The Institution has two strong NSS units: NSS Unit I and NSS Unit II. These units are involved in various community works around the year contributing to good citizenship. Student volunteers of the Students' Union are also involved in different community services contributing to the holistic development of students. Students of Department of Physiology also serve the community through community-oriented services. The following programs can be cited as the role of the Institution in the development community network:

- **The NSS Winter Special Camp, 2014** was organized by NSS UNIT-I and UNIT-II of Krishnagar Govt. College at Shambhunagar village in the Ruipukur Gram Panchayat and Shimultala village in the Depara Gram Panchayat, respectively, located in Krishnagar-I. The units jointly executed the programme and activities ran in parallel in both the villages, performed by the

volunteers of the two units. Students of the NSS units have organized the following programmes during the camp:



PHOTO 3.8 BLOOD DONATION IN NSS WINTER CAMP

Table 3.22

Date	Event
19.03.2014	Inaugural session and health-awareness campaign by student volunteers
20.03.2014	Free health check-up for children by Dr. Sujit Biswas, Pediatrician
21.03.2014	Free health check-up for women by Dr. Basudeb Mondal, Gynecologist
22.03.2014	Blood donation camp by LIFE CARE, Kolkata
23.03.2014	Distribution of medicine as per physicians' prescription
24.03.2014	Health survey by NSS volunteers
25.03.2014	Thalassemia screening programme by Serum Thalassemia Prevention Federation, Kolkata and Valedictory

- **NSS Special Camp, 2012** was also organized by the college NSS units at the nearby villages:

Table 3.23

Name of the Camp	NSS Special Camp 2012
Place of Camping	Notun Shambhunagar under Krishnagar-I Block and Simultala under Krishnagar-II Block, Dist.: Nadia
Period	20.09.2012 to 27.09.2012
Name of the Resource Persons	a) Dr.Sujit Kr. Biswas (renowned Child Specialist in South Asia) b) Dr.BasudebMondal (Gynaecologist)
Sponsored By	NSS Unit, Kalyani University, in favour of Red Ribbon Club

The following programmes were organized by the students:

Table 3.24

Date	Event
20.09.2012 to 22.09.2012	General Health Awareness Campaigning
24.09.2012	Poster Presentation by the Volunteers
25.09.2012	Free Health Check-Up for Children
26.09.2012	Tree Plantation
26.09.2012	Plant Distribution among Villagers
27.09.2012	Free Health Check-Up for Women
27.09.2012	Medicine Distribution

- The NSS Unit-I and II of Krishnagar Govt. College have organized an Awareness Programme on “**AIDS Prevention and Control**”, financed by **Red Ribbon Club** on 02.05.2014, in collaboration with **Indian Red Cross Society** and **West Bengal Voluntary Blood Donors Forum**. Indian Red Cross Society and West Bengal Voluntary Blood Donors Forum, Tehatta Subdivision, Nadia, had been invited by the NSS Unit(s) to visit the college on the afore-mentioned date and arrange a programme on AIDS awareness for the students and faculties of the college.
- The college NSS units also organized a seminar on “**Awareness regarding AIDS Prevention and Measures to Control**” along with NSS Unit, Kalyani University, in favour of Red Ribbon Club on 23.03.2013. Dr. Sujit Kr. Biswas, a renowned child specialist of South Asia delivered the popular lecture.
- The students’ Union of our college work within the neighbourhood community and organized popular seminar and blood donation camp to raise the common scientific and health awareness among common people
- Our college also invited **Ramakrishna Mission** on 23.09.2013 and 21.02.2014 to organise lectures to promote holistic development of students.
- Department of Physiology regularly organizes free health awareness campaign within the college campus. Here the Departmental students measure various health parameters of college students and staff and aware them their health status. In 2009, Department of Physiology organized **Health Camp** in rural areas of Kalyani and at Vidyanagar, Burdwan for general health check-up and measurement of haematological parameters of rural people free of cost. The objective of the health camp was to make the people aware about their health and advice them for better lifestyle. The Departmental students also organized health camp for the fishermen of Digha in 2011 and at Java in 2012 to make them aware about their occupational hazards in deep seas.
- The postgraduate Department of Geography regularly organizes community works to promote Institution-community network and community services.
- College has also organized seminar and workshop to promote awareness among the students regarding Thalassaemia and performed blood screening.

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

- Our Institution has several bodies constituted with Departmental Teachers to supervise the students' activities inside and outside the campus. The teachers always guide and accompany the students in their involvement of various social movements and activities for promoting citizenship role.
- District Administration sends forms for incorporation of adult students in the Voter's List and monitors the process.
- College NSS units are guided by two college teachers who are whole heartedly involved with students' social activities. Various committees like Cultural Sub-committee, Seminar Sub-committee, and Beautification Sub-committee work together and exchange ideas with students to work out fruitful method of promoting Institution-neighborhood-community network.

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

The institution gives due importance to the stakeholders perceptions on the performance and quality of the institution.

- A regular students' feedback system continues to evaluate the students' satisfaction level. The students of each Department are provided with the feedback proforma and their evaluation about the teaching process and infrastructure of the college help us to upgrade our system.
- Feedbacks from the parents are taken through "Parent-Teachers Meet" at regular intervals in each Department. This is a very helpful method of understanding the parents' views on the performance of the Institute.
- Our Institution has strong Alumni association. Feedback from alumni through meeting with alumni association is collected to upgrade the teaching-learning process.
- Our college runs Remedial classes after the scheduled classes to help the weaker section of the students.
- Each class has students' representatives of elected Students' union. They are free to discuss with the Heads of the Departments and Principal of the college regarding the academic issues of the students.
- Teachers' Council Meetings are held regularly to take important academic decision and to resolve different academic issues for smooth running of the college.
- The Governing Body consists of teaching and non-teaching staff representatives and General Secretary of Students' Union. They participate actively in discussions regarding performance and quality related matters pertaining to the functioning of the College.

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.

- Our Institution provides strong support to plan and organize various Extension and Outreach programmes. Students are encouraged to make communication with the people, to serve our society and are trained to be responsible citizens. Teachers are intimately involved in coordination of different programmes. The teachers and NSS students conduct camps in the

selected village for 7 consecutive days. The budgetary allocation of our NSS programmes are as below:

Table 3.25 Budget of NSS Seminars and Special Camps

Year	NSS Seminar (in Rs)	NSS Special Camp (in Rs)
2012-13	4900	44000
2013-14	4000	44000

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?

- Students are always encouraged by our teachers to join NSS service. The students' representatives of our Student' union campaign in the classes to voluntarily join the social services.
- Two teachers act as Coordinator and always communicate with the students to ensure their greater involvement.
- Teachers are also motivated by the Principal to join the NSS camp and make the extension activities meaningful.
- The NSS Secretary plays a key role in the functioning of the NSS Units of the College.

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?

- To ensure social justice and empower students from underprivileged and vulnerable sections of society, different Departments organize extension programmes and social survey works. Few of these are listed below:

Table 3.26 Social Surveys and Extension Work of the College

A) Some Social Surveys Carried out by PG Department of Geography
<p>1) Community Work Carried Out – “A Preliminary Assessment on the Status of Women in Slum Communities of Kolkata Metropolis and Krishnagar- A District Town of Nadia”</p> <ul style="list-style-type: none"> ➤ Study Area - Kolkata City and Krishnagar Town in January to June, 2012 ➤ Participation of the Community - Response from the slum women in both localities was high and detailed study could be carried out. ➤ How the reach out activity contributed to Community Development - Slum women were being made conscious about the possible ways to improve their existing situation within the families. They are being made aware of how to increase their level of education and also to get engaged in different remunerative works without hampering the household activities i.e. how to bring an overall improvement in the quality of living in spite of living in squatter settlements.
<p>2) Community Work Carried Out – “A Baseline Assessment on the Health and Nutritional Challenges of Slum Women and Children in Nabadwip Municipality”</p>

<ul style="list-style-type: none"> ➤ Study Area - Nabadwip Municipality from January to June, 2013 ➤ Participation of the Community - Slum women and children all cooperated with the survey team. ➤ How the reach out activity contributed to Community Development - The survey team has tried to raise general awareness among the slum women how to live in proper hygiene and sanitation condition so that the health of all family members may improve. They are also been given lessons on how to improve the nutritional value in the very day die among children so that the immunity of the children to combat different diseases may improve in the future.
<p>3) Community Work Carried Out – “Educational Mapping of Slum Women and Children in Nabadwip Municipality – A Preliminary Assessment”</p> <ul style="list-style-type: none"> ➤ Study Area - Nabadwip Municipality from January to June, 2013 ➤ Participation of the Community - The response from the slum women and children in the locality was quite good. ➤ How the reach out activity contributed to Community Development - Both women and children were made aware of the importance of education and how to attain the minimum education for getting job alternatives and to earn income for the families. Apart from general education they are also informed about different types of job-oriented courses which the Govt. is offering to youths at free costs or at very cheaper rates after the secondary exams in order to get employed and support the family.
<p>4) Community Work Carried Out – “An Overview on the educational and Economic Status of Women in Slum Communities of Ranaghat Municipality”</p> <ul style="list-style-type: none"> ➤ Study Area - Ranaghat Municipality, January to June, 2013 ➤ Participation of the Community - Slum women gave valuable information to the survey team to carry out the specific study in the Municipality. ➤ How the reach out activity contributed to Community Development - Slum women were being made aware about the current educational and occupational attainments and how far they are lagging behind the women from more developed urban locales. They have been informed about some better alternatives of how to improve their economic condition and to make living better in near future.
<p>5) Community Work Carried Out – “A Baseline Assessment on the Economic Status and Health Challenges of Clay Modelling Workers in Krishnagar Municipality, Nadia District, West Bengal”</p> <ul style="list-style-type: none"> ➤ Study Area - Krishnagar Municipality, January to June, 2014 ➤ Participation of the Community - Clay Modelling workers have given detailed information on the professional challenges they are facing at present along with the health hazards from the profession to the survey team. ➤ How the reach out activity contributed to Community Development - The clay modelling workers were informed about the alternative jobs in which they may engage themselves besides this family profession to improve their economic condition. The report has also tried to disseminate the potential problems in this clay modelling profession which if continues may lead to complete closing of this unique profession from the region. The detailed information generated from this study may help the local administration for designing fruitful measures to revive the year-old tradition of clay modelling in Krishnagar town.
<p>6) Community Work Carried Out – “An Overview on Education Mapping of Slum Women and Children in Krishnagar Municipality, Nadia District, West Bengal”</p> <ul style="list-style-type: none"> ➤ Study Area - Krishnagar Municipality, January to June, 2014 ➤ Participation of the Community - Detailed information could be collected

<p>from the study area by the survey team on educational status by the full cooperation of the slum women along with their children.</p> <p>➤ How the reach out activity contributed to Community Development - The survey team has informed about the importance of education in one's life to the slum dwellers. The parents were requested not to engage their children in jobs for earning money during their school hours. The mass awareness of sending children to schools and to make them attain their minimum education (upto secondary level) may reduce the school dropout ratios to some extent which is still quite high in the slums of Krishnagar Town.</p>
<p>B) Some Social Surveys Carried out by Department of Physiology</p>
<p>1) Community Works Carried Out – “Study of general health check up of rural people at Kalyani” and “Study of haematological parameters and physical fitness of people of Vidyanagar Burdwan”</p> <p>➤ Study Area – Rural areas of Kalyani, W.B. and Vidyanagar, Burwan, 2009</p> <p>➤ How the reach out activity contributed to Community Development – The outcomes of the health camps in both places were encouraging as the local poor people got the opportunity to check up their general health (like BP, TC, DC, Hb, blood sugar, cholesterol etc) free of cost and got advise to overcome any disorder.</p>
<p>2) Community Works Carried Out – “Comparative study of Physiological parameters of Fishermen and non-fishermen of the same locality”</p> <p>➤ Study Area – Digha and adjacent areas, 2011</p> <p>➤ How the reach out activity contributed to Community Development – Fishermen were highly benefited as they could know their haematological and respiratory status and got suggestions for what the precautions they should take to overcome the occupational hazard. Students also got an idea of the hazards usually occurred in fishing occupations after comparing the parameters with the non-fishermen of the same locality and same socio-economic status.</p>

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 involvement of students in NSS activities, different extension activities and social survey activities enable the students to communicate with the societies, make them aware the social realities around, build among them the spirit of social service and thus enrich themselves as a good citizen and contribute in the process of Nation building. They also acquire a leadership quality, a sense of discipline and team spirit. Thus Institution also enriches itself by playing its social responsibility by reaching to the weaker and underprivileged section of the society.

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?

- The arsenic testing of water samples was carried out by the Department of Geography in January to June 2013 in Krishnagar Town and that has generated mass awareness among the residents of the wards where the arsenic level is much above the permissible limit as prescribed by WHO (World

Health Organization). Now people are using the water from those tubewells very consciously by filtering them properly before use. They have been informed by the survey team about the potential dangers from the arsenic contaminated water which they were consuming unknowingly for years. The Ward Councillors have also been informed about the present situation so that they can come out with some feasible way out.

- The NSS unit of the college organizes special camp in nearby villages. Popular lectures in local languages and health camps attract local people to the camp where students and teachers interact with them.
- Departments like Physiology and Geography directly reach to the village people to establish a communication with them and gather various data.
- Department of Physiology is equipped with its own basic small health unit. The Departmental students and teachers participate in the blood donation camp organized in campus by Students' Union. People from nearby locality feel enthusiastic to check their basic health status and to get advice about their health

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

The students of our Institution visit different Institutions around Krishnagar and Kolkata to exchange ideas, make constructive relationship with their students and teachers and for working on various outreach and extension activities. Few examples are:

- Students of Chemistry visited **IISER, Mohanpur** on 18.04.2013 and interacted with the students and faculty of IISER.
- Students of Physiology visited **Sports Authority of India (SAI)**, Kolkata on 27.09.12 with their teachers. They interacted and established communication with the students of SAI. Our students gathered knowledge how to improve the physical fitness and how the National medal winners come here and practice different events to improve their performance.
- The students and faculty of the Department of Zoology have been benefitted from the expertise made available from other research laboratories and institutions like **Immunology and Immunodiagnostic lab, CNCI**, Calcutta for training in ELISA and Cell Culture Lab and **West Bengal University of Science & Technology, Biotechnology lab** for training in PCR and Gel electrophoresis.
- **Indian Meteorological Department** (a central organization and the nodal agency for generating climatic data at national and regional level) has installed an automatic weather station within the college campus for generating climatic data related to Maximum and minimum temperature along with rainfall and relative humidity for Krishnagar and surrounding regions.
- Students under both UG and PG level of Department of Geography do visit different Government Organizations for procurement of relevant data/information. The organizations that the Geography Students frequently visit include
 - **Indian Meteorological Department** (for collecting climatic data of specific study areas)
 - **Census of India** (for collecting Demographic Data)**Bureau of Applied Economics and Statistics** (for collecting various socio-economic data)

- **Survey of India** (for collecting topographical maps of specific Study areas)
- **National Thematic Mapping Organization** (for collecting different thematic maps at National and Regional levels)
- **National Remote Sensing Organization** (for procuring satellite imageries of different areas at National and Regional levels)

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.

- Following awards/recognition were received by the students for extension activities:

Table 3.27

Sl. No.	Name	Batch	Event	Awarded/ Participated	Year
1	Suman Das	PG, Geography Sem-III	West Bengal State Student Youth Science fair	3 rd in Gr - D, University Level Science Model Competition	2013
2	Prasenjit Halder	PG, Geography Sem-III	West Bengal State Student Youth Science fair	Participated in Gr - D University Level Science Poster Competition	2013

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.

- The Departments of the Institution have so far organized several UGC-sponsored National and State Level Seminars, Workshops and other academic events in collaboration with other Colleges [refer to **Table 3.8**]. These events serve as common platforms for interactions between the Faculty, Experts of other Institutes, research scholars and students.
- The Faculty members of the College individually collaborate with other national and international research laboratories and institutes for pursuing their pre and post-doctoral research work. A few examples are given below.
 - i) Dr. Dhruva Prosad Chatterjee, Department of Chemistry, has collaborated with Prof. Arun K. Nandi of the **Indian Association for the Cultivation of Science** in the DST-sponsored Major Research Project entitled “Preparation of Advanced Membrane Materials for Affinity Chromatography” from 2010 onwards. Characterization of the materials synthesized during the project was done using modern and High Resolution instrumental facilities available at IACS.

ii) Dr. Shyamapada Shit, Department of Chemistry, has collaborated with Prof. Samiran Mitra, **Jadavpur University** from 2008 onwards for using instruments at his Laboratory and has foreign collaborations for different measurements.

- Department of Zoology has collaborated with two other laboratories for training their PG students (Cytogenetic Special Paper). They were sent to:
 - a) **Immunology and Immunodiagnostic lab, CNCI, Calcutta** in 2011 for training in ELISA and Cell Culture Lab, and
 - b) **West Bengal University of Science & Technology, Biotechnology lab** in 2012 for training in PCR and Gel electrophoresis.
- The College interacts with industries through Industry visits, as for example, the Industry visits organized by Geography and Zoology Departments in 2014 [See **Table 3.20**]

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 are no MoUs or official collaborative arrangements of the College with Institutions of national importance/other universities/industries or Corporate entities. However, the Faculties on their part as well as the Departments interact frequently with other research laboratories and Institutes in order to enrich themselves academically through exchange of new ideas and thoughts in their respective subjects. Some of the Institutes which are accessed by the faculty of various Departments are listed below.

Table 3.28

Department	Other Institutes visited by the Faculty or having Collaboration
Geography	Census Office, Bureau of Applied Economics and Statistics, Indian Meteorological Department, NATMO, Survey of India, State Pollution Control Board
Chemistry	IACS, Jadavpur University, Bose Institute
Zoology	CNCI, WB University of Science and Technology
Physiology	Presidency University, University of Calcutta, University of Burdwan
English	British Council, National Library, University of Calcutta Central Library

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 interactions have not directly contributed to the establishment/creation/up-gradation of academic facilities, student and staff support or infrastructure facilities of the Institution. However, the exchange of new ideas and thoughts by the faculty as a result of the interactions get disseminated among the students leading to overall knowledge up-gradation.

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.

Many eminent scientists/resource persons visited the College for participating in the National seminars and conferences organized by the College. The detailed list has been given in **Table 3.10**.

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 MOU has been signed with any other Institute. Some examples of informal linkages that enhanced or facilitated the following are given below.

a) **Curriculum development/enrichment:** Curriculum development at the UG level is a collective process under the leadership of the University. The teachers of the College who are BOS members actively take part in the development of the curriculum. They express their opinions during introduction of new Curriculum or for amendment/change of the existing Curriculum. The PG Department of Geography has introduced several changes in the existing M.Sc. syllabus and has also been successful in introducing some Special Papers in M.Sc.

b) **Internship/ On-the-job training:** No such schemes exist.

c) **Summer placement:** None

d) **Faculty exchange and professional development:** A number of teachers have enriched themselves from the following faculty exchange activities.

- Dr. Ayan Das Gupta delivered Invited Lectures on Special Paper “Population Geography” in M.A./M.Sc. Semester IV (Final Year) at Barrackpore Rashtraguru Surendranath College in 2013-14.
- Dr. Indrani Chakraborty, Department of Physiology, took Special Classes for DBT Star College programme in Hooghly Mohsin College in 2013.

e) **Research:** Some of the Faculty members have done and/or are doing research work in collaboration with other national and international institutes. These have resulted in quite a few collaborative research projects and several publications in national and international journals. These have been presented in the relevant sections [Refer to **Table 3.6** and **Annexure-1**]

f) **Consultancy:** A number of teachers have provided their expertise and consultancy services to external agencies. A detailed list has been given in 3.21.

g) **Extension:** The Institution has successfully organized several extension activities in collaboration with various agencies. These are given below.

Table 3.29 Extension Activities through Collaboration

Extension Activity	Collaborating Agency
NSS Special Camp held during 20-27 th September, 2012	NSS Unit, University of Kalyani, in favour of Red Ribbon Club
Seminar on “Awareness regarding AIDS Prevention and Measures to Control” held on 23.03.2013	NSS Unit, University of Kalyani, in favour of Red Ribbon Club
Blood Donation Camp held on 22.03.2014	LIFE CARE, Kolkata
Thalassemia Screening Programme held on 25.03.2014	Serum Thalassemia Prevention Federation, Kolkata and Valedictory
Awareness programme on “AIDS Prevention and Control” held on 02.05.2014	Red Ribbon Club, Indian Red Cross Society and West Bengal Voluntary Blood Donors Forum, Tehatta Subdivision, Nadia

h) **Publication:** The Institution has collaboration with Maa Kali Artwork, Golapati, Krishnagar for printing of the Academic Journal of the College.

i) **Student Placement:** The Career Counselling sub-committee of the College organizes placement drives from time to time. One campus interview was organized with the help of the Department of Bengali which resulted in the placement of 15 students, the details of which are given in the Table.

Table 3.30 Campus Recruitment in 2012-2013 Session

Number of Organizations Visited	Name of the Organization	Number of Students Participated	Number of Students Placed
1	Rural India School Enterprise, Krishnagar Branch	40	15

- Information regarding campus interviews in adjoining colleges is circulated on the Notice Boards and the students are encouraged to participate in them, for example, a Campus Interview was conducted by TCS in D. L. Roy College.
- Seminars are also organized from time to time by the Companies, for example, a Seminar was organized on 05.01.2010 by **HDFC Standard Life Insurance Co.** on “**Employment Opportunity**” for student awareness which was attended by the 3rd Year and ex-students of the College.

j) **Twinning programmes:** None

k) **Introduction of new courses:** This is subject to the permission from the affiliating university, that is, University of Kalyani and Govt. of West Bengal.

- Proposals for Post Graduation in Botany, Chemistry, Sanskrit and Political Science have been submitted to the Govt. of West Bengal in 2012-13. These are yet to receive approval.
- Proposal for Gender Study, Theatre Study and Human Rights as General Courses have been made to the University of Kalyani.

l) **Student exchange:** None

m) **Any other:** Nil

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

Not specifically incorporated in the College curriculum.

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

No.

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?

Despite being built on a sprawling campus of 36.06 acres, the college is aware that to cater to the changing demands of the teaching-learning in the institute, infrastructural facilities need to be upgraded. Since the Main building and the adjacent Philosophy building are old buildings dating back to the nineteenth century, attributes will not permit any vertical extension. Hence, it has become imperative to construct new buildings in the available free space in the campus. New buildings have subsequently been constructed for the Departments of Physics, Chemistry, Mathematics, Geography and Biological Science. The Bengali Department is located in a small old building. In order to expand PG Courses in that department permission has been given by the Government of West Bengal to use the Principal's Quarter for the purpose on a temporary basis. However, renovation is required and proposals and estimates have been forwarded by the Principal to the state government for sanction of funds.

Keeping in mind the importance of ICT enabled teaching-learning, an e-classroom has been established in the Post Graduate Department of Philosophy from the UGC-CPE grant. An e-classroom with smart board is also installed in the Department of Botany. Another room in the Main Building is being developed as a digitally equipped class/seminar room. The college plans to establish more such digital/smart classrooms in the immediate future to facilitate ICT enabled teaching-learning process.

The college authority is always aware of its responsibility to maintain security inside the college campus. For proper surveillance, 16 CCTV cameras have been installed in different parts of the college campus.



PHOTO 4.1: THE 158 YEAR OLD MAIN BUILDING

4.1.2 Detail the facilities available for

a) **Curricular and co-curricular activities – classrooms, technology learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

- **Classrooms:** There are 43 classrooms in total in different departments of the college. The Philosophy department and the science departments of Chemistry, Geography, Mathematics, Physics, Botany, Zoology and Physiology are self contained with lecture theatres, galleries and laboratories. All the classrooms are provided with basic amenities like black/white board, electricity, lights, fans and proper ventilation. The teachers frequently use LCD projectors and screens in the classrooms for ICT enabled teaching-learning.
- **Technology Enabled Learning Spaces:** At present there are two Computer Network Centres in the college in the departments of Physics and Mathematics. The latter is built through the UGC-CPE Grant. The Computer Network Centres have been beneficial for the students in holding practical classes and practical examinations of these departments.

The CPE Grant was utilized to introduce Digital Learning Centre in the Post Graduate Department of Philosophy with the installation of necessary devices. The Digital Learning Centre has now turned into a fully functioning unit where lectures, seminars etc take place regularly. It is also used as an e-classroom. In the Department of Botany also, there is an e-classroom. The UGC-CPE funded Communication/Language Laboratory in the Department of English must also be considered as an important Technology Enabled Learning Space.



PHOTO 4.2: CLASS BEING HELD AT CPE FUNDED DIGITAL LEARNING CENTRE

- **Seminar Halls:** The college doesn't have a separate seminar hall as such. However, Room No. 1 in the Main Building is often used as a Seminar Hall. It is equipped with Public Address System and is under CCTV surveillance. The three galleries in the Physics Department also serve as seminar halls as and when required.
- **Tutorial spaces:** There are provisions for specific classrooms for taking the tutorial classes in scheduled time.
- **Laboratories:** The science departments are equipped with well-furnished laboratories. There are 30 rooms in the college which are used as laboratories. The UGC-CPE Grant and UGC Additional Grant have helped to upgrade the laboratories significantly in recent times.



PHOTO 4.3: STUDENTS IN BOTANY DEPARTMENT LABORATORY

- **Botanical Garden:** The Botany department has been maintaining the Medicinal Plant Garden adjacent to the department. There is also a well-maintained garden in front of the Main Building.
- **Animal House:** There is no separate Animal House. However, important zoological specimens are kept in the laboratories of Zoology Department as well as in the Zoology Museum
- **Specialized facilities and equipment for teaching, learning and research:**
 - Central Instrumentation Room of the college houses important equipments like Remi-Cooling Centrifuge, UV-VIS Spectrophotometer etc which are necessary for research activities in science departments.
 - Limnological Study Unit in Department of Zoology.
 - Free Drinking Water Testing facility for testing the level of arsenic in drinking water in the Department of Chemistry.
 - Language Laboratory in the Department of English.

b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

- **Sports (outdoor and indoor games):** The college has three sports ground of its own. Outdoor games like football, cricket, badminton etc. are played here. The Annual Sports of the college is however held in the District Stadium which is adjacent to the college campus. Indoor games like carom, table tennis etc. are played by the male and female students in their respective common rooms.
- **Gymnasium:** The college provides a Ladies gymnasium with modern multi-gym facilities in the college campus for students and staff. Fitness equipments like Treadmills, Chest Press, Shoulder Press etc. are available for exercise. A Boys' Gymnasium also exists beside the Boys' Hostel.
- **Auditorium:** The college doesn't have its separate auditorium. However, the main college Hall designated as Room No. 1 is a large hall, probably used as an auditorium in the bygone days when perceptions of structural dimension were different. Small scale programmes and seminars are organized in this room and the galleries in the Departments of Physics, Zoology and Botany. Room No. 1 is currently being technologically upgraded with audio-visual and digital facilities with the final installment of the CPE Grant. There is, however, an open air stage in the college campus where the Students Union organizes open air programmes like Annual Social and Freshers' Welcome. If there is need of extra space for any programme then the auditorium of the adjacent Rabindra Bhawan (seating capacity - nearly 600) constructed on a plot of land of the college is used as and when required free of charge for one occasion per year.
- **NSS:** The college has an active NSS wing which is engaged in organizing most of the extension activities of the college. The NSS doesn't have a separate room of its own which is a major lacuna of the college infrastructure. The Programme Officers have to keep the necessary documents and instruments in the separate locker allotted for NSS.
- **NCC:** The college doesn't have an NCC unit of its own.
- **Public Speaking:** Room No. 1 in the Main building is equipped with Public Speaking facilities.
- **Communication Skills Development:** The Language Laboratory of the Department of English is used for communication skills development of the departmental students. Plans are afoot to introduce Functional English Course or Communication English Course in the near future.
- **Yoga:** There is no provision for yoga training in the college premise.
- **Health and Hygiene:** There is a Health Care Centre in the Department of Physiology. The students and teachers undergo regular health check

ups, including blood group testing there. There are regular programmes organized primarily by the NSS to generate awareness among the students and teachers about fatal diseases like AIDS, Thalassemia etc. The students can also avail the facility of the Student Health Home services.

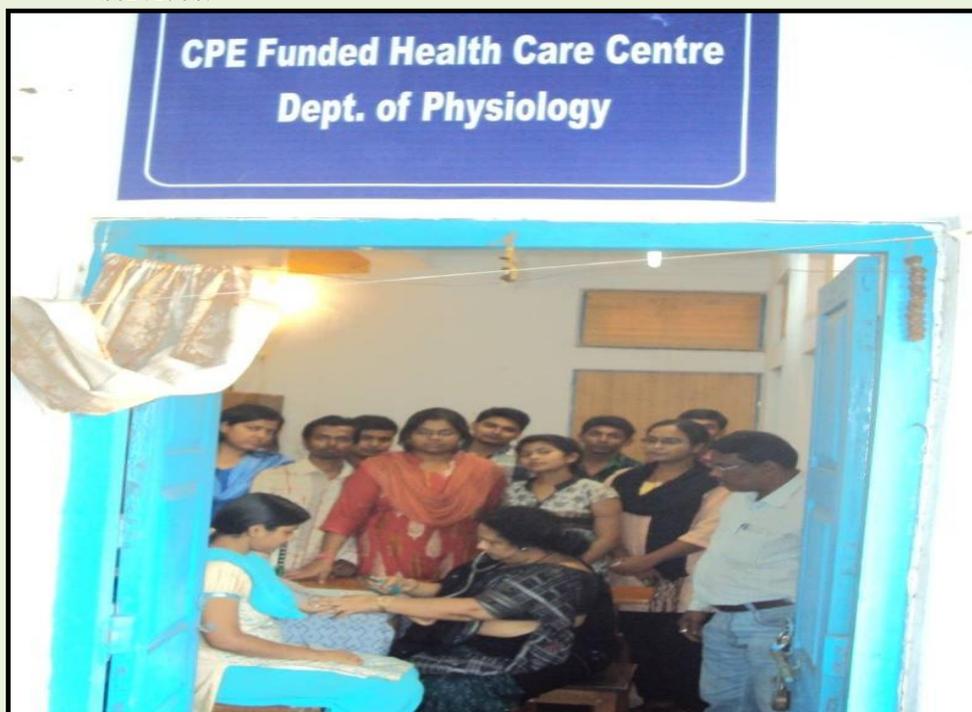


PHOTO 4.4: HEALTH CHECK UP IN HEALTH CARE CENTRE

TABLE 4.1 INFRASTRUCTURAL FACILITES

Infrastructure	Location	No. of rooms	Remarks
Class Rooms	Main Building	11	The Philosophy department and the science departments Geography, Physics, Chemistry, Mathematics, Botany, Zoology and Physiology are self contained, well equipped departments with sufficient lecture theatres, galleries and laboratories.
	Philosophy Dept.	04	
	Geography Dept.	05	
	Mathematics Dept.	03	
	Chemistry Dept.	04	
	Physics Dept.	05	
	Botany Dept.	04	
	Zoology Dept.	04	
	Physiology Dept.	03	

Central Computer Centre		Physics Department and Main Building	02	Equipped with internet connectivity
Central Instrument Room		Zoology Department	01	Equipped with instruments of common interest for all science departments
Administrative Section	Principal's Chamber		03	Photocopying facilities are available in Principal's Chamber & Principal's office
	Office	Section Officer	01	
		Cashier	01	
		Students' section	01	
		Accountant	01	
Conference Room		Main Building	01	
Teachers' common room		Main Building	02	
		Other departments	08	
Laboratory		Other annexes	30	
Language Laboratory		Physics Building	01	
Library		Library building	08	Photocopying facility
Gymnasium		Other annexes	02	Ladies Gymnasium - 1 Boys' Gymnasium - 1
Students' Union room		Other annexes	02	
Boys' common room		Other annexes	01	
Girls' common room		Main Building	01	
		Other annexes	01	
Pump house		Campus	01	
Generator room		Main building	01	
		Others	03	
Toilets		Main building	06	

Toilets	Others	20	
Netaji Subhas Open University	Main building	02	
Dept of Ph. Ed.	Main building	02	
Two Boys' Hostels	Campus	18+22	Details given in Sec.4.1.5

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 amount 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).

The college authority always thrusts upon optimization of available infrastructure to the best possible way. The following are some of the major points through which these are ensured:

- All the classrooms in the main building and other buildings are optimally used by different departments for taking classes according to the scheduled routine.
- UGC funded Remedial Coaching classes are also taken by different departments primarily during the slack session.
- After the scheduled class hour, the classrooms in the Main Building are used for taking classes for UGC funded Entry in Services scheme.
- Teachers use their time in research activities in the staff room of their respective departments.
- Counseling and classes for the courses under NSOU are held in the Main building on Saturday afternoon and Sunday without affecting normal classes. Final examinations of NSOU are also arranged on the same venue.
- While large scale functions like Freshers' Welcome etc are arranged in the adjacent Rabindra Bhavan Auditorium, Room No. 1, Physics Gallery-I, II and III, and Zoology Gallery are used for Departmental seminars, symposia, cultural functions, effectively without affecting the routine classes.
- The Annual Social function and Freshers' Welcome of the College are organized by the Students' Union every year on the Open Air Stage of the College.
- The university examinations are held in these rooms normally from 3rd week of March to 1st week of August where students from other colleges under University of Kalyani appear. These examinations are held mostly during summer vacation without affecting normal classes.

- Laboratories of different science subjects are extensively utilized as venues of Practical Examinations of K.U.
- Since the infrastructure of the college is the property of State Government, it is sometimes used on holidays for various activities of public interest such as examination centre of different public examinations like WBJEE, PSC, SSC, WBCS, SET etc.
- The college premise was also used as Distribution Centre for Parliament Elections in 2014.

**TABLE 4.2: INFRASTRUCTURAL FACILITIES DEVELOPED/
AUGMENTED AND THE AMOUNT SPENT DURING THE
LAST FOUR YEARS**

Year	Facilities developed/augmented	Grant	Amount Spent (Rs)
2010-2011	Computer Network Centre (Mathematics/Physics)	UGC-CPE	3,50,000
	Digital Learning Centre (Philosophy)		1,99,560
	Health Care Centre		1,93,000
2011-2012	xxx	xxx	xxx
2012-2013	Computer Network Centre (Mathematics/Physics)	UGC-CPE	2,98,250
	Digital Learning Centre (Philosophy)		2,05,000
	Health Care Centre		1,56,800
	Language Laboratory		2,99,464
	Girls' Hostel	UGC	16,17,000
	Girls' Hostel	UGC	10,43,750
2013-2014	Girls' Hostel	UGC	6,26,250



FIG 4.1: MASTER PLAN OF THE COLEGE

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

Being aware of the need for development of infrastructural facilities to meet the specific requirements of students with physical disabilities, the college intends to introduce provisions for ramps in the Main Building in the near future. Moreover, while preparing the routine, it is kept in mind that the classes of these differently-abled students are placed in the ground floor as far as practicable.

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

- Hostel Facility – Accommodation available:**
 There are two Boys' hostels for the students — Old Hindu Hostel and New Hindu Hostel. The Old Hindu Hostel has the capacity of 60 seats and the New Hindu Hostel has the capacity of 40 seats. The details of the rooms in the two Boys' Hostel are given below:

TABLE 4.3: BREAK UP OF ROOMS IN BOYS' HOSTELS

No. of Rooms	Old Hindu Hostel (Boys)	New Hindu Hostel (Boys)
Accommodation	18	22
Kitchen	1	1
Dining Room	1	1
Toilets	2	4
Super's Quarter	1	1
Hostel Library	0	1

The UGC funded Girl's Hostel is almost on the verge of completion. It has a provision for 64 seats.

- Recreational facilities, gymnasium, yoga center, etc:** Students are provided with television sets, magazines, newspapers etc. in both the boys' hostels. A college gymnasium with modern multi-gym facilities exists beside the Boys' Hostel. The hostel inmates can avail the facility of this gymnasium. There is, however, no Yoga Centre.
- Computer facility including access to internet in hostel:** The Hostel has no computer or internet facilities yet.

- **Facilities for medical emergencies:** There are two government hospitals in Krishnagar. In case of medical emergencies, the concerned person, student or staff, is rushed there.
- **Library facility in the hostels:** The New Hindu Hostel Library contains 74 books and the Old Hindu Hostel Library contains 79 books.
- **Internet and Wi-Fi facility:** There is no provision for internet and Wi-fi facility.
- **Recreational facility-common room with audio-visual equipments:** Both the hostels have common rooms which are well-equipped with LCD television sets. The common rooms are also provisioned with indoor games like carom for the recreation of the students.
- **Available residential facility for the staff and occupancy:** Being a government college, the teaching and non-teaching staff can avail the facility of residing at the government quarters which are adjacent to the college campus. At present, nine teaching staff and their family and six non-teaching staff and their family avail the facilities of these government quarters. There are quarters for hostel superintendent beside the hostels.
- **Constant supply of safe drinking water:** It is ensured that safe drinking water is provided to the residents. The hostels are equipped with water purifiers. Though no such provisions are made in the staff quarters, in most cases, the resident staff arranges for the installation of water purifier of his/her own initiative.
- **Security:** There is one 'Darwan' post for day time vigilance. Three security guards in the college campus also ensure security for the hostels which are adjacent to the campus. Proposals have been made to the government for the sanction of additional security guards

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 college has a Health Care Centre initiated with the UGC-CPE Grant. It has already been mentioned earlier [4.1.2 b)] that in this Centre, students and the staff can undergo health check ups. First-Aid Kit is readily available in this fully air-conditioned centre. Sick bed facilities are also available.

Besides, being the members of a Government College, all the students and staffs get Health Care facility from the District Hospital, Krishnagar and other Govt. Hospitals in the state.

The college NSS unit organizes different health awareness programmes like HIV-AIDS awareness seminar, Free Thalassemia Detection Test etc. These programmes are necessary part in sensitizing the students and the staff on the importance of health care.

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, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

TABLE 4.4: COMMON FACILITIES AVAILABLE

Serial Number	Name of the Special Unit	Common Facilities Available
01.	IQAC	A separate space has been marked for the IQAC. It has computing and printing facilities. The IQAC related documents are kept under the custody of the IQAC Co-ordinator.
02.	Grievance Redressal Unit	A Box is kept in front of the Staff Room where students can drop in their complaint letters.
03.	Gender Sensitization Cell	No separate building space
04.	Counselling and Career Guidance & Placement Unit	No separate building space.
05.	Health Centre	There is a Health Care Centre in the Department of Physiology. This space is fully air-conditioned and it has one sick bed and other basic amenities required in a Health Centre.
06.	Canteen	<ul style="list-style-type: none"> ○ A separate Annexe Building is used as Students’ Canteen. ○ The Staff Canteen is adjacent to the Teaching Staff Rooms in the Main Building(For Tea and Snacks)
07.	Recreational spaces for Staff	There are two staff rooms in the Main Building. The Conference Room adjacent to these is also used as and when it remains vacant. Besides, the Departments of Bengali, Philosophy, Geography, Physics, Chemistry, Mathematics, Botany, Zoology and Physiology have separate staff rooms. There is provision for indoor games like carom in the staff rooms in the Main Building.

08.	Recreational spaces for Students	Separate common rooms for Boys and Girls having indoor games facilities.
09.	Safe drinking water facility	All the departments, canteens, the Main Building of the college and the hostels are equipped with water purifiers for safe drinking water.
10.	Auditorium	<ul style="list-style-type: none"> ○ An open-air auditorium in the college campus where programmes like Annual Social and Freshers Welcome are organized. ○ Room No. 1 (Main college Hall) is also used for holding seminars, lectures etc. ○ The Rabindra Bhawan, adjacent to the college, is also used for some large scale programmes.

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?

Yes, there is indeed an Advisory Committee for the Library — it is christened as Library Sub-Committee. The composition of the sub-committee is as follows:

- Principal — Chairperson
- Librarian — Convenor
- Secretary, Teachers' Council — Ex-officio member
- Select Teaching Staff
- Seminar Library in-charges of all academic departments

There are frequent meetings of the Library Sub-Committee to chalk out plans for the enhancement of the library, both Central and departmental. The following significant initiatives have been implemented by the sub-committee in the last five years:

- Using the library software (LIBSYS), data entry work of 11,112 library books has been completed with CPE Grant.
- Pest control and de-dusting is being done on regular basis.

- Book binding for the old, rare and physically damaged books have been done.
- Procurement of two Fumigation Chambers has been made with CPE Grant.
- Catalogue Card Printer (Dot-Matrix) has been installed.
- Computer-generated catalogues are being printed.
- Three Computers are now available in the library with internet and LAN facilities.
- Reference service rendered to the students for their advanced study.
- Referral service provided to the library users.
- INFLIBNET facility newly introduced for accessing e-journals.



PHOTO 4.5: CATALOGUING OF BOOKS IN CENTRAL LIBRARY

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.):**
482.40 sq. meters (apprx.)
- **Total seating capacity:**
(Altogether 70 readers can sit at a given time)

- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation):**

10:00 a.m. to 5:00 p.m. (Monday to Friday)

10:00 a.m. to 2:00 p.m. (on Saturday)

The working hours are same for all working days.

During vacations the Library remains open on Monday,

Wednesday and Friday.

- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

The library is housed in a separate two-floored Annexe Building. The Ground Floor is for the books and journals of the Humanities stream and the First Floor is dedicated for the books and journals of the Science and Social Science Stream. There are reading rooms for the students and the teachers in both the floors. The Librarian's Chamber and the Rare Book Section are in the ground floor. There is also a specified IT Zone where teachers and students can access the computerized catalogues as well as the reading materials from the internet.

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.

As soon as the grants of state government and UGC are sanctioned, meetings are convened involving the departmental Heads and UGC Committee members (in case of UGC Grants) in the presence of the Principal and the Secretary, Teachers' Council. The distribution of grants for the purchase of books, journals, CDs and DVDs are decided in these meetings. The purchase of books and journals is conducted by the individual departments monitored by the Purchase Committee. Quotations and tenders are invited for purchase of books from the State Government Grant. The book suppliers supply the reading materials in time and the bills are submitted to the Librarian after being forwarded by the respective departmental Heads. After the entry and cataloguing of the books in the Central Library, the books and journals can be brought to the departments, subject to the need and infrastructure available.

TABLE 4.5: DETAILS OF BOOKS & JOURNALS PURCHASED

Library holdings	Year -1 (2010-2011)		Year – 2 (2011-2012)		Year – 3 (2012-2013)		Year – 4 (2013-2014)		Grant
	Num ber	Total Cost (Rs.)	Num ber	Total Cost (Rs.)	Num ber	Total Cost (Rs.)	Num ber	Total Cost (Rs.)	
Text books	1219	3,99,929	1693	4,98,513	990	2,99,133	608	1,99,957	Development Grant
							61		UGC XI Plan
	1067		260						UGC CPE
Reference Books	55		24		30		61		Development Grant
Journals/Periodicals			42	4,295					Development Grant
	44	1,50,000	59	1,23,540					UGC CPE
e-resources									
Any other (specify)									

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

- **OPAC:** Yes, the Online Public Access Catalogue system is available.
- **Electronic Resource Management package for e-journals:** Not yet.
- **Federated searching tools to search articles in multiple databases:** Not available.
- **Library Website:** No, there is no separate Library Website.
- **In-house/remote access to e-publications:** INFLIBNET recently introduced.
- **Library automation:** The process of library automation is ongoing.

- **Total number of computers for public access:** Three
- **Total numbers of printers for public access:** Two
- **Internet band width/ speed:** 100 mbps
- **Institutional Repository:** The Research Projects of faculties are preserved in the concerned department.
- **Content management system for e-learning:** Not available
- **Participation in Resource sharing networks/consortia (like Inlibnet):** Yes

4.2.5 Provide details on the following items:

- **Average number of walk-ins:** (per day) 100-120
- **Average number of books issued/returned:** (per day) 80-100
- **Ratio of library books to students enrolled:** 102:1
- **Average number of books added during last three years:** 1135
- **Average number of login to OPAC:** (per day) 30-50
- **Average number of login to e-resources:** N.A
- **Average number of e-resources downloaded/printed:** N.A
- **Number of information literacy trainings organized:**
To be organized
- **Details of “weeding out” of books and other materials:**
Damaged books are weeded out from the racks and are kept separately.

4.2.6 Give details of the specialized services provided by the library

- **Manuscripts:** None
- **Reference:** Reference service is given by the library to the regular and former teachers and students of this college.
- **Reprography:** None
- **ILL (Inter Library Loan Service):** Institutional Membership in British Council Library, Kolkata.
- **Information deployment and notification:** Notifications given in the Library Notice Board.
- **Download:** Files can be downloaded from the internet and attached to the email of the user. Pen-drives or CDs are not allowed to copy the files.
- **Printing:** Printing service is available for the teachers only.
- **Reading list/Bibliography compilation:** This service is available as and when required.

- **In-house/remote access to e-resources:** Recently introduced.
- **User Orientation and awareness:** Yes, this service is provided by the Library for the First Year students of the college every year.
- **Assistance in searching Databases:** Yes, this service is provided by the Library Staff.
- **INFLIBNET/IUC facilities:** Yes.

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

The Library staff offers the following support to the students and teachers of the college:

- Borrowing and lending facility for the students and teachers.
- Issue of books and journals in the library reading room for reference works.
- Providing access to Rare Books section subject to special permission.
- Institutional Membership in British Council Library for the teachers.
- Access to internet in the library for the students and the teachers.

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

The Library has no provision for books written in Brail Method for the visually challenged persons. The Library staff members lend an active helping hand towards the physically challenged and visually-impaired persons. Their requisitions are served on a priority basis.

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?)

The Central Library maintains a register where the users, both students and teachers, can offer their feedbacks. To be honest, the users rarely offer any feedback in this register. Often feedbacks are received informally particularly pertaining to the departmental libraries through the interaction between the departmental library-in-charges and the students. The teachers also offer their feedback about the functioning of the Library in the Teachers' Council Meeting. These feedbacks are analyzed in the Library Sub-Committee meetings and proper measures are taken as and when required.

4.3 IT INFRASTRUCTURE

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

TABLE 4.6: NUMBER OF COMPUTERS WITH CONFIGURATION

Department	No. of Laptop Computers	No. of Desktop Computers	Configuration (Processors)
Principal's Chamber	1	2	i3, Dual Core and p4
Office	0	1	
Cash Section	0	3	
Student Section	0	2	
Store	0	2	
Central Library	0	3	i3, Dual Core and p4
Main Staff Room	0	2	
IQAC	1	0	
Entry in Services	1	0	i3 LT
Remedial Coaching	1	0	i3 LT
Bengali	1	0	i3
English	1	5	i3 LT
Sanskrit	0	0	Not applicable
History	1	0	i3 LT
Philosophy	1	2	Dual Core, p4 (R)
Political Science	1	0	i3 LT
Geography	3	13	P4, i3, i3 LT, Core 2 Duo LT
Economics	1	0	i3 LT
Physics	1	15	Dual Core, p4
Chemistry	1	3	i3 and p4
Mathematics	0	13	i3, Dual Core and p4

Botany	2	2	i3 LT
Zoology	2	4	Dual Core, p(R)
Physiology	1	3	p4
Statistics	1	0	i3 LT
TOTAL	21	75	

- **Computer-student ratio:** 1:35
- **Stand alone facility:** The college has a fax-machine in the Principal's chamber.
- **LAN facility:** Available in the Office, Main Building, Other Departmental Buildings and the Central Library.
- **Wifi facility:** Available only in Principal's Room and Office.
- **Licensed software**

Besides the regular softwares like different versions of Windows (XP, 7 and 8) MS Office, Adobe Reader, Adobe Photoshop etc. which are installed in the wide network of computers across the institution, the following are the major licensed softwares used by different academic departments, library and the college office.

- **LIBSYS:** This software is used in the Central Library for library automation.
- **TNT-MIPS:** The Department of Geography has one RS-GIS laboratory where five desktop computers and one laptop Computer is having a Remote Sensing - GIS software TNT-MIPS (presently installed) for doing image analysis and GIS mapping. Though , this software is meant chiefly for Post Graduate Students (since this RS-GIS training is part of the PG syllabus prescribed under University of Kalyani), the faculty members along with students use this laboratory for their research purposes.
- **WOLFRAM MATHEMATICA PROFESSIONAL V8.0:** This software is used by the Department of Mathematics to solve complex equations and specific programmes.
- **Snetclass:** This Digital Multimedia Language Lab Software is used in the Language Laboratory in the Department of English.
- **COSA:** This software is used by the Office to prepare the salary bills of the teaching and non-teaching staff.

TABLE 4.7: NUMBER OF NODES/ COMPUTERS WITH INTERNET FACILITY

Departments	No. of Computers with Internet Facility
Principal's Chamber	2
Cash Section	2
Student Section	1
Central Library	1
Main Staff Room	1
Geography	1
Physics	2
Chemistry	1
Mathematics	1
Botany	1
Zoology	1
Physiology	1
TOTAL	15

- Any other: NIL

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

As discussed in 4.3.1, the college gives major importance for the provision of computer and internet facility to the faculty and students of the institution. All academic departments are provided with at least one laptop. There are Computer Network Centres in the Department of Mathematics and Physics. Separate computer rooms are also available for the departments of Chemistry and Zoology. The teachers and students of these departments can access internet in their respective computer centres/rooms. There is also provision for accessing internet in the Central Library.



PHOTO 4.6: CPE FUNDED COMPUTER NETWORK CENTRE

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

The following are the major plans and strategies for deploying and upgrading the IT infrastructure of the college:

- Using software for full-proof complete online admission process. This is in operation since 2013-2014 session.
- Upgrading the computing facility in the Central Library by installing softwares like LIBSYS, introducing OPAC, introduction of Bar-coding system, making proper use of recently-introduced INFLIBNET, extending the scope for internet access for the students and teachers in the library etc.
- Giving more emphasis to ICT enabled teaching-learning process. The academic departments are provided with equipments like laptop computers, projectors, screens, CDs, DVDs etc. to facilitate the use of ICT in teaching-learning.
- Emphasis is given to build up e-classrooms to make the teaching-learning attractive. A part of the UGC-CPE Grant is spent to build Digital Learning Centre in the Department of Philosophy. The final installment of the CPE Grant is utilized to partially upgrade Room no. 1 of the Main Building into an e-classroom.
- To modernize the college office by increasing the use computing facilities in the office work. Preparation of the

salary bill of the staff is being done through COSA software. A software is being developed to maintain all student related data from their admission to the time of their qualification in the final examination. A proper student database needs to be prepared in immediate future.

- There are plans to extend the provision of accessing internet to the students of hostels too.

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

TABLE 4.8: EXPENDITURE FOR PROCUREMENT AND MAINTENANCE OF COMPUTERS AND THEIR ACCESSORIES

4.8. (a): Expenditure for Purchase of Computers and Accessories

Year	Funding Agency				Total of All Grants in a Year (Rs)
	Govt. (Rs)	UGC (Rs)	UGC Addl. (Rs)	UGC-CPE (Rs)	
2010-11	84760	40000	652711	362771	1140242
2011-12	10028	148936	155155	72846	386965
2012-13	208806	293285	407648	490298	1400037
2013-14	75000	6365	-	-	81365
Total of each Grant (Rs)	3,78,594	4,88,586	12,15,514	9,25,915	30,08,609

4.8. (b): Expenditure for AMC of Computers and Accessories

Year	Grant (Rs)	Items under AMC			Total AMC in each year (Rs)
		Computer + Printer (Rs)	Website + Software (Rs)	LAN (Rs)	
2010-11	Development	73000	47000	48000	168000
2011-12	Development	54000	48500	49000	151500
2012-13	Development	20000	52000	48000	130014
	CPE		10014		
2013-14	Development	47450	44300	60100	151850
Total (Rs)		1,94,450	2,01,814	2,05,100	6,01,364

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

The institution gives major emphasis for extensive use of ICT and the use of computer-aided teaching/learning materials by its staff and student by the following ways:

- Extensive use of ICT tools like laptops, LCD Projectors, screens etc. in the teaching-learning process.
- There is a separate Digital Learning Centre in the Postgraduate Department of Philosophy which functions as an e-classroom. Room no. 1 in the Main Building is also being developed as a modern e-class room by utilizing the final allotment in the first phase of the CPE Grant.
- One e-classroom has been developed in the Department of Botany.
- Room. No. 1 is being upgraded with digital facilities.
- The Computer Network Centres in the departments of Physics and Mathematics are used by the students for accessing internet constructively. These Centres are also used during the practical examinations, both in college and university examinations.

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.

The institution always endeavours to keep the students at the centre of teaching-learning process. The learning activities and technologies deployed are kept in line to this student-centric role in education. The following points highlight the institutional practice in this regard:

- The students are encouraged to access the internet for e-resources both within and outside the campus.
- The advanced students are encouraged for **Independent Learning** by deploying the ICT technologies available. The teachers guide them accordingly.
- The Digital Learning Centre in the Department of Philosophy functions as an e-classroom and students are encouraged to present seminar papers using the technology available there. This practice gives them confidence in using technologies like power-point presentation in seminars both within and outside the institution.

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 does not avail the National Knowledge Network (NKN) Connectivity.

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, in itself, has no authority to allocate fund for the maintenance and upkeep of different infrastructural facilities. It can, however, apply to the state government for providing funds for the aforementioned purpose. The Department of Higher Education, West Bengal releases grants through the Director of Public Instruction (D.P.I), West Bengal on various Plan and Non-plan heads, the Development Plan being the most important in this regard. The funds allocated on different heads are properly utilized with the administrative approval from the D.P.I., W.B. whenever necessary.

The PWD (Nadia Construction Division), PWD (Construction Board) and PWD (Electrical) receive allocations from their department for the maintenance activities of the college buildings, water supply and electrical installations. Besides, the college authority also gets the sanction from the Department of Higher Education on submission of specific proposals for constructions/ repair/ renovation/ water supply/ electrical installations duly approved by the concerned PWD authorities. The proposed work in every case is executed by the PWD authorities.

The UGC Grant is also utilized for construction of buildings in specific cases like the Construction of the Girls' Hostel.

After grants are sanctioned and released by different funding agencies like the state government, UGC etc, meetings are convened among the Heads of all Departments and presided by the Principal, where funds under different heads are distributed according to the consensus of the meeting. External audit is conducted by the concerned committees and the Utilization Reports are submitted to the funding agency within stipulated time.

TABLE 4.9: DETAILS OF EXPENDITURE

	2010-2011		2011-2012		2012-2013		2013-2014	
	State	UGC	State	UGC	State	UGC	State	UGC
	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)	(Rs)
Building					19,19,117	27,13,750	3,89,051	6,26,250
Electrical Maintenance					7,54,310		8,02,933	
Furniture	4,50,000		4,00,000		3,00,000		3,30,000	
Equipment	5,00,000	8,30,500	6,00,000	6,64,400	5,00,000	11,06,715	2,50,000	
Computers	2,52,760	10,55,482	1,61,528	3,76,937	3,28,806	11,91,291	2,26,850	6,365
Vehicles								
Any other (Chemicals & Glass goods)	4,00,000		6,00,000		4,00,000		2,00,000	

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

The institution undertakes the following mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college:

- Keeping constant correspondence with the PWD (Nadia Construction Division), PWD (Construction Board) and PWD (Electrical) to ensure maintenance of building infrastructure and electrical connection.
- Cleaning of unwanted vegetation in the campus is done by the municipality.
- AMC for electronic components and related things (computers, LAN connection, institutional website management etc.) used in different departments are ordered maintaining due process to competent companies.
- AMCs for scientific instruments, different softwares, including LIBSYS in the Central Library etc. are also placed maintaining due government process.
- The departmental staff and the security personnel ensure the security of all these infrastructure and equipments.

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

The companies which have been given the AMCs ensure the calibration and other precision measures are done regularly. Special care is taken to calibrate the scientific instruments before the college and university examinations.

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

- Two Fumigation Chambers are installed in the Central Library (one for Insect and other for Insect and Fungus control) to protect the books of the library.
- One 25 KV generator was installed from the UGC-CPE Grant. There are generators in other departments like Geography also.
- The sensitive instruments in science departments are protected from voltage fluctuations through the use of UPS and voltage stabilizers in the laboratories.
- Water supply in the college campus is maintained and ensured by PW (Electrical) with contracts. One non-teaching staff is dedicated to look after the constant supply of water in the college.
- Electrical equipments fall under the maintenance of PW (Electrical) financed by Maintenance Grant from state government. Constructional Maintenance done by PW (Construction) financed by the same grant.

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

- The college has a website of its own www.krishnagargovtcollege.org. The website is updated regularly. On-line admission process is conducted through this website. Important news and notices are regularly displayed in the website.
- The college has a separate room in the Main Building dedicated for the activities of the Entry in Services.
- The college has a separate space allotted for the parking of cycles and motorbikes.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

The college comprises of students from diverse geographical, social and economic backgrounds. Socially and economically disadvantaged students are provided financial support with various scholarships, endowments and free ships. The students from distant areas are provided with hostel facility. Majority of the students either progress to higher studies or gain employment after they leave the college. The Career Counseling Cell provides updated information to the students about various job opportunities, scope and prospects of further studies along with some study material for competitive examinations.

So far as the result of the University examinations are concerned, the college has enjoyed a high percentage of success compared to the University average, most of the times in recent past. In the last four years in 62.5% of the cases the college result has been above the average University result. The college publishes a prospectus every year which is issued to the students seeking admission to the college. The prospectus contains extensive information about the college and its curriculum. The college provides a healthy environment to the students through several welfare means such as a cheap canteen, the Students' Health Home Scheme, Grievance Redressal Cell, Career Counseling Cell, Anti-Ragging Cell and Squad and a fully functional Students' Section in the college office. The college has an elected Students' Union which actively participates in organization of various co-curricular and extra-curricular activities such as programmes of Study Circle, Mock Parliament, various cultural programmes, indoor and outdoor game competitions, annual sports meet etc. The Students' Union also has representation in various academic and administrative bodies to facilitate smooth functioning of the college.

The college has a distinguished list of alumni and a recognized Alumni Association which keeps close contact with the authority for overall development of the college.

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?

Yes, the college publishes updated prospectus every year before the admission. Both English and Bengali versions are displayed in the college website. Printed versions are distributed amongst students who are admitted to the college. The information provided in the prospectus is given below:

- Historical perspective and location of the college.
- Details of Courses offered
- Available Subject combinations and Papers
- Number of seats in each category in UG (Honours and General Course) and PG (in Philosophy, Bengali, Zoology and Geography) courses.
- Eligibility for admission and admission procedure.
- Faculty Profile in each Department
- Hostel facility and the availability of seats
- Fee structure
- Available financial assistance to various category of students
- Library, laboratory, computer, games & sports and other facilities
- Rules and regulations of the College and the University
- NSS activities etc.

In addition to the prospectus, institution also publishes an Academic Calendar having detailed information pertaining to the college activities throughout the year e.g. examination schedule of the college, tentative dates for publication of result, dates for annual reunion, prize distribution, sports and dates to commemorate some special events like “Bhasa Dibas”. It also mentions the list of scheduled holidays approved by the Governing Body of the college.

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?

Student Half/Full Free, Endowment Scholarship: Full Free and Half Free Studentships are given to financially weak but meritorious students

The institution provides financial support to all those who are financially weak in several ways, such as,

- ❖ Full and half free studentship from the Government of West Bengal
- ❖ Scholarship to SC/ST students from the BCW Dept. of the Government of West Bengal
- ❖ Scholarship to the wards of *beedi* workers from the Ministry of Labor and Employment of Govt. of India
- ❖ Scholarship from the Mass Education Department of the Govt. of West Bengal,
- ❖ Merit-cum-Means scholarships from the DPI, WB,
- ❖ Stipend from Hazi Md. Mohsin Fund
- ❖ Scholarship for minority students from the WBMDFC
- ❖ Scholarship offered by Jindal Foundation
- ❖ Poor fund of the Students' Union
- ❖ Nadia Rajbari scholarship
- ❖ ULA
- ❖ Ranaghat Pal Chaudhuri Freeships etc.

TABLE 5.1: SUMMARY SHEET FOR FULL FREE STUDENTSHIP RECOMMENDED (LAST FOUR YEARS)

5.1. (a)

UNDERGRADUATE DEPARTMENTS: (T = Total, M = Male, F= Female)

Academic Session	Physics			Chemistry			Zoology			Botany			Physiology		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	01	01	00	04	04	0	02	02	00	NIL			02	02	00
2011-12	04	04	00	03	03	0	03	03	00	03	01	02	02	01	01
2012-13	04	03	01	03	03	0	03	01	02	03	02	01	02	01	01
2013-14	04	02	02	04	04	0	NIL			04	02	02	NIL		

5.1. (b)

Academic Session	Mathematics			Geography			English			Bengali		
	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	04	03	01	04	03	01	03	03	0	06	03	03
2011-12	05	04	01	04	03	01	08	06	02	07	01	06
2012-13	04	03	01	NIL			08	07	01	07	03	04
2013-14	07	03	04	06	06	00	07	06	01	07	04	03

5.1. (c)

Academic Session	Sanskrit			History			Philosophy			Economics			Political Science		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	08	04	04	NIL			06	02	04	03	03	0	NIL		
2011-12	08	03	05	08	04	04	06	04	02	NIL			08	06	02
2012-13	07	04	03	08	03	05	06	03	03	NIL			06	03	03
2013-14	06	03	03	07	05	02	06	03	03	05	04	01	07	05	02

5.1. (d)

POST GRADUATE DEPARTMENTS:

Academic Session	ZOOLOGY			GEOGRAPHY			BENGALI			PHILOSOPHY		
	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	NIL			04	02	02	05	01	04	07	03	04
2011-12	NIL			04	04	00	07	02	05	06	05	01
2012-13	02	01	01	04	03	01	07	06	01	06	02	04
2013-14	NIL			04	04	00	07	02	05	06	05	01

5.1. (e)

B. Sc and B.A (GENERAL):

Academic Session	B. Sc			B.A		
	T	M	F	T	M	F
2010-11	03	03	0	10	08	02
2011-12	04	01	03	09	08	01
2012-13	04	03	01	09	05	04
2013-14	06	04	02	08	05	03

TABLE 5.2: SUMMARY SHEET FOR HALF FREE STUDENTSHIP RECOMMENDED**5.2. (a)****UNDERGRADUATE DEPARTMENTS: (T = Total, M = Male, F= Female)**

Academic Session	Physics			Chemistry			Zoology			Botany			Physiology		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	NIL			04	04	0	NIL			NIL			NIL		
2011-12	02	01	01	04	04	0	02	01	01	01	01	00	NIL		
2012-13	02	01	01	03	02	01	NIL			01	0	01	NIL		
2013-14	04	04	00	NIL			NIL			04	02	02	01	01	00

5.2. (b)

Academic Session	Mathematics			Geography			English			Bengali		
	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	07	06	01	05	02	03	03	00	03	05	02	03
2011-12	05	05	00	04	04	01	07	02	05	06	04	02
2012-13	05	05	00	NIL			07	03	04	06	04	02
2013-14	06	04	02	04	04	00	07	03	04	06	02	04

5.2. (c)

Academic Session	Sanskrit			History			Philosophy			Economics			Political Science		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	08	04	04	06	03	03	06	01	05	01	01	00	01	01	00
2011-12	08	01	07	08	05	03	09	04	05	02	0	02	07	03	04
2012-13	08	03	05	08	07	01	09	04	05	01	01	0	07	06	01
2013-14	08	03	05	07	07	0	09	07	02	01	0	01	04	04	00

5.2. (d)**POST GRADUATE DEPARTMENTS:**

Academic Session	ZOOLOGY			GEOGRAPHY			BENGALI			PHILOSOPHY		
	T	M	F	T	M	F	T	M	F	T	M	F
2010-11	NIL			01	01	0	06	02	04	04	01	03
2011-12	NIL			04	02	02	06	03	03	07	04	03
2012-13	NIL			04	02	02	06	02	04	07	04	03
2013-14	NIL			04	02	02	06	02	04	07	05	02

5.2. (e)**B. Sc and B.A (GENERAL):**

Academic Session	B. Sc			B.A		
	T	M	F	T	M	F
2010-`11	01	01	00	11	08	03
2011-`12	01	01	00	09	08	01
2012-`13	04	04	00	09	06	03
2013-`14	06	03	03	16	10	06

TABLE 5.3: NUMBER OF STUDENTS RECEIVED FREESHIPS FROM PRIVATE GROUPS

SOURCE	2011-12		2012-13			2013-14
	BA	B Sc	BA	MA	B Sc	BA
ULA	2	2	2	1	1	1
Ranaghat Pal Choudhury				1		
Nadia Rajbari	5					

Other financial support –

i) Students' Union of the college also provides financial support to the poor students from its Poor students' fund.

ii) Students who participate in College and University games and sports are also provided financial support for the purpose.

TABLE 5.4: SCHOLARSHIP AMOUNT

Financial Year	Financial Support from the Govt. (Merit Cum Means and Minority + Post Matric) (In Rs.)	Other Sources (In Rs.)
2011-12	30,48,475	
2012-13	27,03,800	28,200
2013-14	9,93,000 (Merit cum Means) 13,28,600 (Post Matric)	34,75,000 (Kanyasree Prokalpo)
2014-15 (till 15.10.2014)	5,72,400 (Merit cum Means)	

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

As mentioned earlier, students usually get five types of scholarships from State government, Central government and other National agencies. However students also apply to some private agencies like Sitaram Jindal Fund, BHEL-FAEA, Priyambada Scholarship, Inspire etc. 139 female students of the college was awarded (Rupees 25,000 each) the newly introduced “Kanyashri Prakalpa” scholarship in the 2013-2014 financial year. Two students (B.A. Hons.-1, B.Sc. Hons.-1) were awarded (Rs.14,000 and Rs.23,000 respectively) the BHEL-FAEA Scholarship in the last two financial years.

TABLE 5.5: NUMBER OF STUDENTS AVAILING FINANCIAL ASSISTANCE UNDER DIFFERENT FELLOWSHIPS

Academic Session		DIFFERENT FELLOWSHIPS (UNIT IN NO. OF STUDENTS)			
			Merit-cum Means Scholarship (Higher Education Department, Govt. of WB)	Scholarship from Ministry of Labor and Employment, Govt. of India	Post Matric Fellowship (for SC, ST & Minority sections)
2010-11	B.A	0	0	129	
	B.Sc	-	0	0	49
	M.A	0	0	0	37
	M. Sc	0	0	0	3
2011-12	B.A	7	77	23	157
	B.Sc	13	66	4	52
	M.A	1	64	8	33
	M. Sc	0	9	0	13
2012-13	B.A	6	5	1	136
	B.Sc	1	65	0	231
	M.A	0	72	0	0
	M. Sc	0	10	0	0
2013-14	B.A	0	67	0	318
	B.Sc	0	12	0	0
	M.A	0	0	0	1
	M. Sc	0	0	0	0
2014-15	B.A		52		
	B.Sc		01		
	M.A				
	M. Sc				

TABLE 5.6: PERCENTAGE OF SCHOLARSHIP HOLDERS

Year	Total no. of Students	Percentage of scholarship holders	Total no. of SC/ST/ Students	Percentage of SC/ST Scholarship holders
2010-11	2393	10%	670	32.5%
2011-12	2420	21.78%	694	36.5%
2012-13	2574	21%	780	47.05%
2013-14	2578	15.43%	804	39.5%

5.1.4 What are the specific support services/facilities available for

❖ Students from SC/ST, OBC and economically weaker sections:

There is an Entry in Service cell in our college. In the perception of the Coordinator, from the nature of assistance provided by the UGC, the goal is mainly to provide an assistance towards pupil in general, especially students belonging to SC, ST, OBC (Non-Creamy Layer) segment of our society, with an intention to develop the Colleges or Universities by providing grants under non-recurring head for the equipment, books, journals or periodicals which may be used for the general purpose of the College. The students, not affiliated to the institution for which grant is made, are also allowed to take training under this scheme. In short, the focal objective is development of Colleges or Universities in terms of facilities for training or education other than formal education to prepare them for Public Examinations as well as placement in Government Services.

TABLE 5.7: STUDENTS BENEFITTED FROM UGC SCHEMES – REMEDIAL COACHING AND COACHING IN ENTRY IN SERVICES

	Remedial Coaching for SC/ST/OBC (non-creamy layer) and Minorities				Coaching for NET/SET for SC/ST/OBC (non-creamy layer) and Minorities	Coaching classes for Entry in Services for SC/ST/OBC (non-creamy layer) and Minorities							
	SC	ST	OBC	Minorities		SC	ST	OBC	Minorities				
2008'-09	The Programme was not launched.				The college does not provide coaching for NET/SET competitive exams	The Programme was not launched.							
2009-10	121	09	42	21									
2010-11	35	00	15	12						457	0	06	02
2011-12	The programme has not been conducted.									83	05	33	09
2012-13	150	23	42	28						41	0	16	00
2013-14	129	12	106	43						34	0	10	00

❖ **Students with physical disabilities:**

The physically challenged students are given facilities:

- Classes for them are held in the ground floor of college buildings as far as practicable. They have peers to take care of them, escort them to their classes and help them in their studies.
- College takes special efforts to enable physically challenged students to secure Government free ships.

- Visually challenged students have a provision for scribes from the college during tests and university examinations. 3% seats are reserved during admission, UG & PG, for the physically disabled students as fixed by the University of Kalyani.

❖ **Overseas students:**

At present, we have no special service or provision for overseas students but they are entitled to avail all the facilities enjoyed by other students. All students are encouraged to visit the college website and they can express their views to express them before the college authorities. They are also requested to keep in touch with the Alumni Association.

As no overseas student has been admitted to this college in the last 6 years, a specialized support system meant for them has not been contemplated. In case of such an eventuality, they are entitled to avail all the facilities enjoyed by students, who are Indian nationals.

❖ **Students to participate in various competitions/National and International**

The college informs and encourages, motivates and guides students to participate and participate in several kinds of co-curricular events like dance, drama, debating along with different academic events including paper/poster presentations at workshops/seminars organized by various universities, colleges and institutions at international, national and state levels. The college, on its own, arranges for an Annual Social where inter college competition on activities like music, quiz, painting, choreography etc. is held. The Cultural Committee of the Teacher's Council and the Students Union ensure student participation in aforementioned programmes throughout the year.

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

All students of our college are members of "Students' Health Home" from the day of admission. The members are provided free medical checkups, treatment and hospitalization (if necessary) for various ailments.

There is a Health Care Centre located in the Department of Physiology. This space is fully air-conditioned and it has one sick bed and other basic amenities required in a Health Centre. The students and teachers undergo regular health checkups, including blood group testing there. There are regular programmes organized primarily by the NSS to generate awareness

among the students and teachers about fatal diseases like AIDS, Thalasemia etc. The students can also avail the facility of the Student Health Home services.

Students having secured admission into this college automatically become a member of the Student Health Home, which provides all sorts of medical assistance at a highly subsidized rate. However, in case of medical emergency the college has to fall back upon the facilities available at the nearby hospital. Thalassemia carrier detection for all students has begun in the ongoing academic session and reports have been sent to the Department of Health and Family Welfare, Government of West Bengal for necessary follow up. Reports have been distributed amongst the students who have given blood for free screening and 11% of those students were found to be carriers. Follow up is being done by the Ranaghat Thalassemia Detection Unit, an Auxiliary Unit of the State Thalassemia Control Programme, Health Dept., Govt. of West Bengal, who conducted the free detection camp.

❖ **Organizing coaching classes for competitive exams**

A large number of students graduating from our college opt for higher studies. The Institution provides updated information about various job opportunities and schedules of different competitive examinations to the passed out students in regular basis through its Career Counseling Cell. A considerable number of students are employed as school teachers through School Service Commission (on an average 50 students each year). A number of students join other services and another fraction of the remaining students are employed in different private companies. A number of students got employment through campus interview organized by the Career Counseling Cell of our college in recent past.

UGC funding “Entry in Services” Cell arranges coaching classes for the preparation of examinations of School Service Commission, Public Service Commission etc. At present no coaching for NET, SLET, GATE, GRE, TOEFEL, CAT etc. exist in the college, but in future plans exist to extend the coaching for these exams. As per available information so far 40 students of our college qualified in NET and 11 students qualified in SLET examination and 20 in GATE in last five years.

TABLE 5.8: NUMBER OF STUDENTS QUALIFIED IN DIFFERENT NATIONAL AND STATE LEVEL COMPETITIVE EXAMINATIONS (SUCH AS NET, SLET, GATE, CIVIL SERVICES, DEFENSE SERVICES ETC.)

Department		2009	2010	2011	2012	2013	2014
Zoology	NET		2	1			
	GATE		1				
	School service	2	2				
	Others			1			
Chemistry	NET		3	2			
	GATE		1	4	7	3	4
	Others	5	3	8	6	15	4
Geography	NET	1		1	16	8	
	SLET/SET		1			10	
	OTHERS	20 (Total) *Year wise division not available					
English	NET			1	1		2
Philosophy	NET				1		
Sanskrit	NET					1	

❖ Skill development (spoken English, computer literacy, etc.,)

An overwhelming majority of the college students at their entry level are computer literate, due to incorporation of computer literacy into the school level curriculum.

The curriculum of different science subjects like Physics, Chemistry, Mathematics, Geography, Botany, Zoology and Physiology include a portion of computer science and programming, use of various software packages, data analysis etc. The central computer centre is open to all the students on all working days. The students are encouraged to utilize this facility to learn the basics of computer. The students of science departments are familiar with the basic operations of computer including WINDOWS operating system, software packages like MS-WORD, EXCEL, ACCESS, Origin, and specialized subject related software (GIS and Image Processing) of Geography Department, “Mathematica” software in the Department of Mathematics etc.

The installation of a computer training centre in the college for the students and staff is in progress. The college authority has plans to train all the students with basic computer operations and programmes that make a computer-literate person

For skill development, a Language Laboratory with five computers and suitable software has been set up with CPE fund where the institute plans to start classes of Communicative Spoken English as Add on/Self-Financing Courses.

❖ Support for “slow learners”

- Remedial classes & Tutorials are organized for such slow learners.
- Simplified versions of books are recommended to them.
- Special tests are conducted for them & Trial tests and mock examinations.
- Bilingual explanations and discussions.
- Revision of topics and practical.

❖ Exposures of students to other institution of higher learning/ corporate/business house etc.

In many departments, industrial tours or on the spot study constitute the part of the curriculum as well as evaluation process. Local field trips are

arranged for students to gain more knowledge in the discipline they are pursuing. The trips to research laboratories and academic institutions of repute enable them to make informed choices regarding career and higher studies.

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

The Career Counseling Cell provides necessary information and prospects of entrepreneurship in various fields. The industrial visits undertaken by the students of some departments like Physics, Chemistry, Zoology, Botany, Geography etc also help to inculcate the entrepreneurship skills among the students.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular 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**

To promote participation of students in extra-curricular and co-curricular activities, the Sports Wing, NSS Unit and Student Union of the College chalk out the policies and strategies. Competitions like Freshers' Welcome (both central and departmental), Annual Social etc are held which are ways of showcasing the singing, dancing, aptitudes for debates, elocution, quiz and theatrical skills of the students. For this purpose, the institution avails the services of the extremely talented faculty.

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 / TOFEL / GMAT / Central/State services, Defense, Civil Services, etc.

The Career Counseling Cell arranges coaching classes for the preparation of examinations of School Service Commission, Public Service Commission etc. Since the Institution is primarily an Under Graduate college, it offers no coaching for NET, SLET, GATE, GRE, TOEFEL, CAT etc. but in future we have plan to extend the coaching for these exams.

Names of interested students are forwarded by the Principal to the District Magistrate for availing Free Coaching for WBCS and IAS examinations organized by District Administration and government.

The detail of students qualified in different competitive examinations is furnished above. See Table 5.8.

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

- Remedial and Tutorial classes are taken to support the students.
- Seminar library facilities are available in all the academic departments.
- Encouragement to PG students to attend seminars, conferences and present papers.
- Career Counseling Cell and Gender Sensitization Cell provide student support services.

On behalf of the institution, career counseling services are handled by Career Counselling Cell, with inputs from the Centre of Entry in Services. This is initiated when the former conducts career counseling sessions for all the departments of the college – which is stream specific and notified before the admission in the final year of the general degree curriculum. Students are persuaded to realize the importance of proficiency in communications, soft skills etc. They are then exposed to motivational lectures delivered by faculty members. After the presentation is over students are allowed to ask questions and clear their doubts. The next phase of counseling begins when an employer visits the campus for recruitment. Students are made aware of the details of the potential employer, job profile and system of short-listing plus selection, they will have to undergo.

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 programmes).

- Existence of a Career Counseling Cell.
- Conduct of UGC funded Entry-in-services Coaching,
- Notices are given for the students to attend campus interview.

The following campus recruitment was made in the 2012-2013 session

TABLE 5.9: CAMPUS RECRUITMENT (2012-13)

Name of the Organization	Number of Students Participated	Number of Students Placed
Rural India School Enterprise, Krishnagar Branch	40	15

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 Grievance Redressal Cell is constituted by the Teachers' Council with one senior teacher as the Convener. The committee consists of 8 faculty members. Its major functions are:

- The cell/committee receives the cases of grievance of any sort in writing.
- The cell investigates the matter and sort out the problem in its meeting with concerned persons.
- The cases where administrative intervention is necessary are referred to the Principal with suggestive remedy.
- The Institution has well structured mechanism to deal with students' grievances. A box is maintained in front of the Principal's office to receive students' grievances, ideas and suggestions. Students are always encouraged to express their complaints and requirements freely. But no formal grievance/complaint is reported so far in the last six years. The reason may be that the students have free access to the Principal and Departmental Heads and are more comfortable to talk with the concerned administrative Heads. Principal always extend patient hearing towards students' complaints and immediately tries to resolve their problems. Departmental Heads also try their best to sort out the problems with the help of the available infrastructure. For instance, Students of Department of Physiology complained to the Departmental Head about the non availability of their preferred books either in the Central Library or in the departmental seminar library. So, now topmost priority is given to their demand and textbooks are purchased according to the students' demand.

- Grievances related to the Hostels are submitted to the Hostel Superintendents and sometimes forwarded to the Principal for resolving the disputes involved.

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

A sub-committee named Gender Sensitization and Sexual Harassment Cell has been formed recently to look after such matters. The institution feels a legitimate pride to proclaim that, not a single case had been reported to the committee in the last five years due to strict vigilance exercised by the authority on the college campus.

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?

Yes, there is an Anti Ragging Committee comprised of two conveners and six members.

Committee: Swapan Kumar Dey, Jayasree Mukhopadhyay –
(Jt.convenors)

Members -:

- Teachers' Council Secretary
- Anupam Chakraborti
- Gobardhan Rano
- Jayati Ghosh
- Tanushree Banerjee
- Sanchita Kundu

At the beginning of every academic session, freshers are made aware of the ragging related rules and regulations through counseling before admission; they are also made to sign an Anti-Ragging Pledge. The committee directs the respective departments and the students union to exercise the strict vigil on the students and to report immediately any untoward incidents for appropriate action. On 16.09.14 the District Legal Services Authority, Nadia visited the college and held an interactive session with the students regarding Anti Ragging measures and legal resources.

One case was reported in December, 2013. After intensive investigation by an Enquiry Committee set up by the Principal the accused were punished, they were warned, scolded, censured and reprimanded.



PHOTO 5.1: LEGAL AWARENESS CAMP ON ANTI-RAGGING

5.1.13 Enumerate the welfare schemes made available to students by the institution.

By various students welfare schemes, the college tries to provide a healthy environment for students. The schemes are:

Subsidized Canteen: We have a subsidized canteen with varieties of nutritious & delicious menu, and safe drinking water. In a specially constructed building, the canteen provides a healthy scope for students to discuss various academic and other issues during their off periods.

Student Health Home Scheme: All the students of our college are member of “Students’ Health Home” from the day of admission. The members are provided free medical checkups, treatment and hospitalization (if necessary) for various ailments.

Career Counseling Cell: This centre finds opportunities for the prospective students regarding their career and also provides literature related to various openings. Students are also advised regarding how to locate information about jobs and apply for them properly.

Scholarship, Stipends and Tuition Fee Waves Schemes as enumerated with details is given earlier.

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?

Yes, the college has an Alumni Association.

The Alumni Association is actively involved in the developmental activities of the college. It has conducted cultural functions, offered awards to the students who have obtained highest marks in several academic departments. The present office-bearers of the Alumni Association is given below:

Governing Body of KGC Alumni Association(2014)

1. Patron donor:

- i) The Nadiaraj Shri Sauresh Chandra
- ii) Maharani of Kossimbazar

2. Patron-in-chief:

Prof (Dr.) Jayasri Ray Chaudhuri, Principal, Krishnagar Govt. College.

3. President: Dr. Pijush Kumar Tarafder.

4. Vice President :

- i) Sankareswar Datta
- ii) Asoke Kumar Bhaduri
- iii) Chandan Kanti Sanyal
- iv) Dr. Basudev Saha
- v) Archana Ghosh Sarkar
- vi) Sibnath Choudhury
- vii) Kanailal Biswas

5. Secretary :

Khagendra Kumar Datta

6. Assistant Secretary:

- i) Dipak Kumar Biswas
- ii) Swadesh Roy
- iii) Dr. Ashoke Ghosh
- iv) Sudhakar Biswas
- v) Ananta Bandyopadhyay

7. Treasurer:

Dipankar Das

The Alumni Association was reconstituted last year in its new form. The activities of the Association during the short span are as follows:

- organized meetings to select the current office bearers
- framed its constitution and steps taken for registration of the Association
- took initiative to bring more and more ex-students under its umbrella
- future plan for helping poor but meritorious students of the college
- organized programme on the occasion of 150th birthday of D.L Roy
- Cultural Programmes organized annually.
- Reunion Programme organized in 2011, 2012, 2013 and 2014.
- Mobilized contribution of Rupees 1 lakh from MLA of Nadia District Fund to construct portal gate atop the bust of poet D. L. Roy.

TABLE 5.10: SOME DISTINGUISHED ALUMNI OF THE COLLEGE

Name	Area of Expertise
Dwijendralal Roy	Poet- play writer
Aswinikumar Datta	Eminent Scholar and social reformer
Pramatha Chowdhury	Author
Surendranath Dasgupta	Eminent Philosopher
Debiprosad Chattopadhyay	Philosopher, Ex-Governor of Rajasthan
Subhas Sarbadhikary	Represented India in Olympic football
Pramatha Nath Basu	Eminent geologist
Jagadananda Roy	Scientist and writer of popular scientific literature

Anil Biswas	Eminent politician
Mukulgopal Mukhopadhyay	Eminent Lawyer, Ex-Chief Justice, Ex-Chairperson, West Bengal Human Rights Commission.
Sudhir Chakraborty	Eminent academician and writer.
Abani Mohan Joarder	Eminent politician and standing MLA
Basanta Sinha Roy	Eminent Mountaineer



PHOTO 5.2: BUST OF POET DWIJENDRA LAL ROY IN THE COLLEGE CAMPUS

5.2 STUDENT PROGRESSION

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches):

TABLE 5.11: STUDENT PROGRESSION

Student progression		%(apprx.)
UG to PG		80%
PG to M.Phil.		10%
PG to Ph.D.		No Data
Employed	Campus selection	2%
	Other than campus recruitment	20%

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.

The College, established in 1846 is a premiere institute of national repute in the field of spreading higher education in colonial Bengal. The tradition is still very much intact. The Institution has a higher percentage of success in most cases compared to the university average as appended below

TABLE 5.12: RESULT OF KRISHNAGAR GOVERNMENT COLLEGE (A PROFILE)

Programme	Year	Pass Percentage (College)	Pass Percentage (University)	No. of First Class Holders (College)	No. of Rank Holders (1 st to 10 th)
UG COURSE					
BENGALI	2011	98%	94%	20	No Data*
	2012	100%	96%	29	No Data
	2013	96%	No Data	14	1
	2014	83%	No Data	08	2

ENGLISH	2011	90%	83%	05	No Data
	2012	98%	92%	16	No Data
	2013	90%	No Data	07	4
	2014	79%	No Data	01	1
SANSKRIT	2011	96%	94%	49	No Data
	2012	98%	84%	55	No Data
	2013	100%	No Data	44	4
	2014	96%	No Data	21	0
HISTORY	2011	96%	93%	22	No Data
	2012	92%	94%	10	No Data
	2013	93%	No Data	09	4
	2014	96%	No Data	08	1
PHILOSOPHY	2011	77%	81%	12	No Data
	2012	85%	89%	10	No Data
	2013	80%	No Data	11	8
	2014	70%	No Data	08	4
POLITICAL SCIENCE	2011	93%	91%	06	No Data
	2012	78%	85%	05	No Data
	2013	86%	No Data	07	2
	2014	83%	No Data	01	1
ECONOMICS	2011	100%	85%	00	No Data
	2012	100%	74%	01	No Data
	2013	77%	No Data	02	4
	2014	50%	No Data	00	0
GEOGRAPHY	2011	97%	90%	14	No Data
	2012	100%	87%	29	No Data
	2013	97%	No Data	18	6
	2014	97%	No Data	36	7
PHYSICS	2011	95%	84%	08	No Data
	2012	100%	89%	20	No Data
	2013	91%	No Data	16	3
	2014	89%	No Data	20	6
CHEMISTRY	2011	85%	89%	03	No Data
	2012	90%	92%	13	No Data
	2013	96%	No Data	14	3
	2014	94%	No Data	07	1
MATHEMATICS	2011	95%	82%	13	No Data
	2012	90%	93%	20	No Data
	2013	69%	No Data	21	1
	2014	72%	No Data	13	0
ZOOLOGY	2011	82%	87%	07	No Data
	2012	80%	95%	10	No Data
	2013	66%	No Data	08	3
	2014	80%	No Data	17	3
BOTANY	2011	66%	74%	03	No Data
	2012	88%	85%	03	No Data
	2013	53%	No Data	05	3
	2014	68%	No Data	07	1
PHYSIOLOGY	2011	100%	92%	02	No Data
	2012	93%	85%	05	No Data

PHYSIOLOGY	2013	66%	No Data	04	2
	2014	60%	No Data	02	1
B.SC GENERAL	2011	60%	79%	00	N.A
	2012	83%	79%	00	N.A
	2013	57%	No Data	00	N.A
	2014	36%	No Data	01	N.A
BA GENERAL	2011	84%	87%	00	N.A
	2012	72%	87%	00	N.A
	2013	87%	No Data	00	N.A
	2014	60%	No Data	00	N.A
PG COURSE					
BENGALI	2011	100%	83%	00	No Data
	2012	96%	96%	41	No Data
	2013	91%	No Data	14	No Data
	2014	Result not published	N.A	Result not published	N.A
PHILOSOPHY	2011	100%	93%	30	No Data
	2012	95%	98%	45	No Data
	2013	100%	No Data	31	No Data
	2014	94%	No Data	28	No Data
GEOGRAPHY	2011	100%	100%	19	No Data
	2012	100%	100%	23	No Data
	2013	100%	No Data	15	No Data
	2014	96%	No Data	23	No Data
ZOOLOGY	2011	N.A	72%	N.A	No Data
	2012	76%	83%	06	No Data
	2013	100%	No Data	08	No Data
	2014	88%	No Data	08	No Data

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

In order to improve their academic and professional efficiency the following measures are given priority:

- Regular class tests
- Evaluation of the performance of the students in student seminars, group discussions, dissertations and research papers included in the PG courses.
- Hands on experience with computers and equipments.
- Experience with field works, project reports etc.
- Continuous evaluation of practical exercises in laboratory based subjects.
- Every department organizes a **Parent-Teachers Meet** once a year formally to evolve a rapport with the parents and to keep them informed academic progression of their wards. Parents can also meet the faculty to enquire about their wards.

- **Remedial classes and peer learning** help the slow learners cope with their studies.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The major factors that compel the students to drop or discontinue the course are their i) economic and ii) educational background.

The institution provides financial support to all those who are financially weak in several ways. The detailed list of all available scholarships is already provided in 5.1.2 of this Criterion.

The Institution also provides valuable support to those who are unable to cope with the pressure of the curriculum by arrangement of special tutorial classes, counseling, provision of study materials etc.

However, despite all the efforts of the college to cut down the dropout rate, a few students are always found to discontinue their studies due to various reasons. The institution tries to bring them to the distant learning mode of education under the NSOU Study Center of this college.

It would not be inappropriate to mention at this point that the true dropout rate cannot be estimated easily. The growing tendency of students of science streams towards engineering and medical courses has taken its toll on general degree course education. A number of such ambitious students use the college as a platform to reappear for the entrance tests of those professional courses making the department suffer. Thus while true drop out cases are negligible (6-8%), an apparent drop out in student strength may be attributed to:

- Students taking admission to engineering/ medical courses leaving this college. Their names are struck off the students' register for non attendance.
- Transfer to other colleges (cases are rare).

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 program calendar.

There is ample opportunity for the students to participate in various extra-curricular activities and various indoor and outdoor games. Drama, music, recitation, elocution, quiz competition etc. are organized every year. Competitions on different games and sports events like

Annual Sports and Athletic Meet, football, cricket, volleyball, carom, badminton etc. are organized every year. Students of our college regularly participate in Inter-Government College Football and Cricket competition, Inter Govt. College Athletic meet, Inter-College Sports meet of University of Kalyani.

- Students of B.Sc. third year Zoology (Honours) stood **First** in a Quiz Competition **ZOOQUEST, 2013** held on May 25, 2013 organized by The Zoological Society, Kolkata and Department of Zoology, University of Calcutta in association of West Bengal Biodiversity Board.
- Students of B.Sc. Zoology (Honours) won the intra college cricket competition in 2014
- Suman Das from Geography Dept became 3rd in University level in Students Youth Fair 2013
- Prosenjit Halder and Suman Das ranked first and second accordingly at the district Level student Youth Festival .

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.

- XXII I.G.C.A.M (2011) organized ED, Government of West Bengal: Firoz Mondal became **Second** in **800 mts run** and **1500 mts Run.**
- XXIII Inter Govt. College Athletic Meet (2012) organized by Govt. of WB, Education Directorate: Sujit Ghosh became **Second** in Long Jump.
- Athletic Meet (2012) organized by Nadia District Sports Association: Firoz Mondal got the **Second** position in **800 meters Run.**
- XLIII Annual Athletic Meet (2012-13) organized by University of Kalyani: Sujit Ghosh was ranked **Third** in **Long Jump** and **First** in **Triple Jump.**

- West Bengal Inter College District Athletic Meet (2013): organized by ED, Govt. of WB: Sujit Ghosh was positioned **Third in Long Jump**.
- Inter college **Football** Tournament (2013-14): College Team won the **Runners Up** Trophy
- XLIX Annual Athletic Meet (2013-14): organized by University of Kalyani: Sujit Ghosh came **Second in Triple Jump** and Firoz Mondal came **Third in 4 × 100 Meters Relay**.
- Inter College States Sports and Games Championship (2014): Organized by Govt. of WB: Sujit Ghosh was positioned **Second in Long Jump**.



PHOTO 5.3: STUDENTS IN COLLEGE ANNUAL SPORTS

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?

As mentioned earlier students, feedbacks from the parents are taken. However, no mechanism exists at present for obtaining feedbacks from ex-students and employers.

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 magazine, named "*Bibek*" is being published annually by the Students' Union of our College under the guidance of a responsible teacher. Students of different departments regularly publish Wall Magazines.

TABLE 5.13: LIST OF WALL MAGAZINES PUBLISHED BY SOME DEPARTMENTS:

Name of the Wall Magazine	Academic Department
" <i>Kaharba</i> "	Bengali
" <i>The Gleaner</i> "	English
" <i>Kashphul</i> "	Botany
" <i>Ananya</i> "	Zoology
" <i>Bios</i> "	Zoology

Besides the above, wall magazine of New Hindu Hostel is published every year during Saraswati Puja and Wall Magazine of Old Hindu Hostel is published every year during Fresher's Welcome.

5.3.5 Does the college have a Student Council or any similar body?

Give details on its selection, constitution, activities and funding.

Yes, the college has a Student Council named as “Krishnagar Government College Students’ Union”. The members of the Students’ Union (known as General Councilors) are elected by the students of the college every year. The General Councilors elect the office bearers of the Cabinet among themselves. The tenure of the elected body is one year. The election procedure of the college is given below:

The Students’ Union is formed every year after a full fledged election process generally held in the end of the month of January or within 2nd week of February in consultation with the district administration. An Election Committee comprising of faculty members, non-teaching members and outgoing General Secretary of the Students’ Union is constituted to oversee the election process. As soon as the date of election is announced Students’ Union is dissolved and Principal of the College who is also the President of the Students’ Union takes over charge from the General Secretary of the Union till the election process is over. Election takes place at two levels – firstly, students elect their class representatives. For every 25 students or part thereof each section will elect one representative. In the second stage, the elected class representatives then elect the Cabinet members of the Union. There are ten members in the Cabinet. They are Vice-President, Pro-Vice-President, General Secretary, Assistant General Secretary, Secretary Study Circle, Secretary Social Section, Secretary Common Room Section (Boys), Secretary Common Room Section (Girls), Secretary Magazine Section and Secretary Athletic section. The last election was held on 28.01.2014.

The composition of the Cabinet of the Students’ Union is as follows:

- (1) The President – Principal (ex-officio)
- (2) The Vice-President – elected from the General Councilors
- (3) The Pro Vice-President - do
- (4) The General Secretary - do
- (5) The Asstt. General Secretary - do
- (6) The Secretary, Study Circle - do
- (7) The Secretary, Social Section- do
- (8) The Secretary, Magazine Section - do
- (9) The Secretary, Athletic Section - do
- (10) Joint Secretary, Common Room Section (Boys) do
- (11) Joint Secretary, Common Room Section (Girls) – elected among girl students

The Head of the Council is the President. The functional head is the General Secretary. The General Secretary of the Students' Union is also a member of the College Governing Body. The Students' Union is a highly active body looking after the welfare of the general students. The members of the Union always cooperate with the college authority to maintain the academic atmosphere of the college. The members also extend their full cooperation during the process of admission, different games and sports events, Annual Sports and Athletic Meet, blood donation camp and other extracurricular activities. The union organizes various cultural programmes like Fresher's Welcome, Annual social function, Saraswati Puja etc. They also look after the needs of residents of students' hostels. They organize some cultural functions at hostel also. A part of the fees collected from the students at the time of their admission is utilized by the Students' Union in running their various activities during their tenure.



PHOTO 5.4: MEMBERS OF THE STUDENT UNION 2014

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

We have various academic and administrative bodies with student representation to facilitate the administrative and academic activities. They are,

Governing Body: Governing Body is the highest Administrative Body of the College. The GB takes decisions about developmental proposal. The president of Governing Body is the District Magistrate of Nadia by virtue of his chair. The composition of the Governing Body is as follows:

- President – The District Magistrate, Nadia
- Member Secretary – The Principal
- Member - The Executive Engineer, PWD (Nadia Construction Board)
- Teacher Member – Two members from the teachers of this college elected by the Teachers’ Council.
- University Representative – Two representatives of the affiliating University Nominated by the Vice-Chancellor.
- Government Nominees – Two persons among experienced Educational Administrators nominated by Higher Education Department, Govt. of W.B.
- Non-Teaching Staff Member- One representative from the non-teaching staff of this college
- Student Member - The General Secretary, Students’ Union

This administrative body takes decisions on various developmental and academic problems and proposals. The student representative takes active part and maintains the liaison between the students and college administration. This body is primarily responsible for policy making.

Admission Committee: The admission committee is solely responsible for admission of new students in each academic session. Admission Committee is formed by the Teachers’ Council before each academic year. One teacher is selected as the Convener of the committee. Among the other members there are 6-8 teachers, All Head of the Departments, two non-teaching staffs and two representatives from the Students’ Union (normally the Vice-President and the General Secretary). Criteria of admission, procedures to be adopted, date of counseling and every details of admission process are decided in the meeting of the Admission Committee. The students’ representatives express their views and put forward their suggestions in the meeting. They also assist the convener during the whole admission process.

Students’ Union: This is an elected body, which undertake various cultural and sports programmes, with the help of elected class representatives. The Students’ Union conveys the need and demand of the general students to the departmental heads and the college authority.

Election Sub-Committee: This committee conducts Students' Union election in the college. The student representatives (the General Secretary and Vice-President) in the committee assist the teachers.

IQAC: This is an important body of the college entrusted with the responsibility of quality control and development planning. IQAC includes as members General Secretary and Vice President of the students union.

Cultural Committee: The Cultural Committee, headed by the Convenor, keeps in constant touch with the Cultural Secretary, Students' Union to mobilize the students in conducting the cultural programme. Cultural Programmes like Annual Social, Freshers' Welcome (both central and departmental), Study Circle Programme, observation of Teachers' Day, observation of "Biswa Bhasa Dibas" (World Vernacular Day) etc are held round the year. The student representatives take an active part in these cultural programmes.

Anti-Ragging Cell and Squad: The students take active part to curb the menace of ragging.



PHOTO 5.5: TEACHERS' DAY CELEBRATION 2014



PHOTO 5.6: STUDENTS PERFORMING IN “DEEP PURPLE”, ANNUAL FUNCTION OF DEPARTMENT OF ENGLISH

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution?

The Principal is the chief Patron of the Alumni Association. Regular meetings are held in the college and some of the current teaching staff are also members of the Alumni Association. The college students and staff collaborate with the Alumni Association in organizing their academic and cultural programmes.

Any other relevant information regarding Student Support and Progression which the college would like to include

The college strives to impart quality based higher education so that students can acquire knowledge and development skills to face the national and global challenges they are guided to become responsible and sensitive youths participating actively in the integration of diverse cultural, linguistic and religious groups who have social commitments and have panoramic view of the society.

- As discussed earlier there are provisions for enough classrooms, adequate furniture and equipments, properly equipped

laboratories, computer facility with desired software and internet connection, well maintained library, seminar libraries, reading rooms etc. Care is taken to maintain cleanliness and environmental beauty of the Green Campus.

- **Basic need services** – The college authority takes care of safe drinking water facilities, subsidized canteen facility, hygienic and wholesome meals in the hostels, and toilet facilities with high degree of cleanliness, gardens and outdoor seating places. Special care is taken for female students.
- **Physical and mental health services** – The students are provided with a very good multi gym besides equipments for outdoor games & sports. Students of this college get the benefit of free treatment in Govt. Hospitals and all facilities under Students' Health Home.
- **Career development services** – The Career Counseling Cell guides the students so that they may select a suitable career. Besides guiding them about how to locate information about jobs and apply for them properly, it also arranges special recruitment drives.

The Principal and all the staff members strive to promote a peaceful academic environment of harmony and cooperation essential in the process of concentration and learning.

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 defines 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, vision for the future, etc.?

Vision:

- ✚ To evolve an updated sophisticated Centre of Higher Education and Research catering to a large diverse hinterland.
- ✚ To build a young generation who can act as essential components in the process of cultural, socio-economic and environmentally sustainable development as individuals, communities and a nation.
- ✚ To equip and enable students to integrate with the global knowledge society of the coming century.
- ✚ To ensure a democratic, secular, cultured and intellectual environment so that students of all caste and creed can exchange their views and build themselves up to operate not only as responsible individuals but also as a productive, efficient and conscientious team.

Mission:

- To disseminate Higher Education to a large regional hinterland.
- To promote inclusive education and development amongst all economic sections of the society without gender bias.
- To propagate higher education amongst women with increasing emphasis on post graduate studies and research.
- To equip and empower students with relevant knowledge, competence and creativity to face global challenges.
- To emphasize value education to create human resources with modern view and foresight who can contribute to the national development by catering to the needs of the economy, society and country as a whole.
- To restrain brain drain by gradually increasing the intake capacity in higher education in order to cope with the rapid increase in aspiring students in a scenario characterized by universalization and globalization of education.
- To promote analytical and empirical study in basic and social sciences, and humanities leading to contribution in higher level of research amongst the faculty members and students

6.1.2 What is the role of the top management, Principal and Faculty in design and implementation of its quality policy and plans?

Being a Government College this institution is administered directly by the Higher Education Department of Government of West Bengal. Budget

allocation and all the appointments, confirmation, promotion transfer of Principal, Teaching and Non-teaching staff are being controlled by the Department of Higher Education. All the infrastructural works are developed and maintained by the Public Works Department (Civil and Electrical) of the State Government.

For the internal administration, Governing Body is the top management headed by a President nominated by the Principal of the college and approved by the Government of West Bengal. Governing Body is responsible for overseeing the institution's regular activities, determining its future direction and fostering an environment in which the institutional mission is achieved and the potential of all learners is maximized. The governing body advises and ensures compliance with the statutes and ordinances of the University of Kalyani to which this college is affiliated and also ensures adherence to the provisions regulating the institution and its framework of governance. The individual members of governing body conduct themselves in accordance with accepted standards of behaviour in public life which embrace selflessness, integrity, objectivity, accountability, openness, honesty and leadership.

The Principal is aware of the fact that leadership of the Head of the Institution is the key factor in creating a positive working environment. She is the key element in developing the organizational structure, formulating and implementing the strategy of development. It is her responsibility to ensure the operation of an efficient fiscal and human resource management system which will promote the best practices of the institution.

The following are the major components with which the Principal keeps close contact various instructions, support and information in running the College smoothly and effectively:

1. The Higher Education Department of the Government of West Bengal
2. The Education Directorate, Govt. of West Bengal
3. The University of Kalyani
4. Netaji Subhas Open University
5. The Governing Body of the College
6. The University Grants Commission
7. The Teachers' Council of the College
8. The Convenors and members of different sub-committees
9. The Head of the Departments of this College
10. The Students' Union
11. District administration and local bodies
12. Special interest groups
13. Public Works Department
14. Employers

The Principal understands that the following three elements are to be balanced in order to get the maximum output for any assignment. These are –

- a) Active Task
 - Defining the task
 - Making a plan

- Allocating work and resources
 - Controlling quality and tempo of work
 - Checking performance
- b) Develop Individuals
- Developing and coaching individuals
 - Attending to personal problems
 - Offering recognition and status
- c) Group Functions
- Establishing clear standards
 - Maintaining discipline
 - Building team spirit
 - Encouraging a sense of purpose

The Principal depending on the prevailing situation determines which of the aforesaid elements is to be given priority over the other two so that the efficiency of the process is maximized.

The Principal, as per discussion and resolutions adopted by different recommending bodies, recommends and forwards the matter for approval of the Education Directorate and Higher Education Department. Once the proposal is approved, the execution of the work is done with the assistance of all concerned under the supervision of the Principal.

The Principal is aware of the following developments/ trends/ challenges in higher education these days particularly after the introduction of the policy on global economy.

- New competition in higher education – the rise of “profit education”
- Enrollment challenges
- Major technological advancement in education methodology
- Shifting demographics in the institutions – emergence of a new breed of teachers with different values, attitudes and work ethic
- Emergence of an outcome/utility based professionalism
- Shifting demographics in student body – particularly in science stream
- Demand for more specialized higher education
- Research and development
- Value education
- Increasing importance of distance education (off-campus enrollment)
- Parallel professional education by corporate sectors
- Greater demand by organizations for skill-based education to prepare graduates for the workplace in the global market
- Partnership with business and industry
- Resource mobilization
- Restructuring of higher education organizations

All the above-mentioned parameters, the growing demand of the society, influence the Principal to develop plan/strategy for the institution and to create an environment where people of varying age, gender, ethnic origin, life experience, worldview and education can build a community together and enjoy success.

Both teaching and non-teaching staff are involved for improvement of the effectiveness and efficiency of the College. The College authority tries its best to provide the teachers with every support they need for the cause of education and overall development of the students. They are encouraged to participate and promote activities that may lead to a sustainable development of the intellectual ambience of the College. There is very little scope for award of prizes to them for their contribution to innovative teaching. However, good to outstanding results of the students in the University examinations and their future placement in life are indeed great prizes for the teachers. This motivates them further to get themselves involved in the improvement of the performance of the College. As a small gesture of recognition, the department as a whole or the individual teacher is felicitated in the meeting of the Teachers' Council for any outstanding activity.

The non-teaching staff, on the other hand, also plays a vital role for the improvement of the College administration. As a matter of fact it is the non-teaching staff, who are directly involved in rendering various services to the students and also to those who look after the interest of the students. Of course, they enjoy whatever service benefits that exist but at the same time they are equally careful regarding their duties and responsibilities. The authority also holds special training sessions for them whenever the situation demands, e.g. during the computerization of the Office of the Principal.



PHOTO 6.1: PRINCIPAL DR. JAYASRI RAY CHAUDHURI (PROFESSOR OF GEOGRAPHY) AT OFFICE

6.1.3. What is the involvement of the leadership in ensuring the following?

- ❖ **The policy statements and action plans for fulfillment of the stated mission** – The leadership of the college frames its policies with the prime objective to ensure the transaction of teaching-learning process in the best possible way and in its implementation it is aware that the same is not possible unless each and everybody of the College is fully aware of the responsibilities involved. The Principal vis-à-vis Management of the College takes care to appraise a particular staff and also looks after the interest of the persons engaged to run the institution in a very smooth and proper manner. Teachers perform their duties of instruction, guidance and advice both inside the classroom, laboratories and also outside as and when required.
- ❖ **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan** – Prior to each academic session the Teachers' Council in their general meeting sets and discusses the action plans for the forthcoming session. To implement those plans different academic and administrative committees and sub-committees are constituted. As per necessity non-teaching staff and student representatives are incorporated in these committees. The principal through discussions with the non-teaching staff formulates the modules of their regular activities. Being the President of The Students' Union the Principal interacts with the class representatives and prepares the annual calendar of all students' activities. For this purpose different sub-committees are framed consisting of the students' representatives.
- ❖ **Interaction with stakeholders** – The principal component of the stakeholders are the students and their parents. Through the Students' Union the college regularly receives the report regarding the fulfillment of all their academic needs as well as the welfare programmes like scholarships, free studentship, health awareness, etc. Besides that in the parents-teachers meetings through formal interaction between parents and faculty members in front of the students the feedback mechanism is activated. In the regular meetings of the Alumni Association the direction and nature of growth path of the college is also discussed. In the meetings of the Governing Body, representatives from all the stairs of the stake holders analyze the performance of the institution.
- ❖ **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders** – The college runs a remedial coaching centre for the needy students where after college hours in the evenings the faculty members of different subjects conduct special classes on a regular basis. Formal coaching is also being given to help the students for different competitive examinations. On the basis of the report of the feed back mechanisms the faculty members develop their academic planning including the research inputs as necessary according to the syllabus and curriculum.

- ❖ **Reinforcing the culture of excellence** – Since its inception in 1846, this institution had been renowned as the centre of academic excellence and captured the place of pride in the cultural history of the then Bengal. Many famous personalities were either teachers or students of this college. In the contemporary era, in 2010, this college has been declared as a College with Potential for Excellence by the University Grants Commission. Many teachers are conducting research projects funded by UGC, DST, ICSSR and publishing articles in international and national journals. The IQAC plays a major role to reinforce the culture of excellence and under its leadership the faculty members are always being encouraged to update themselves and to inject the updated knowledge to their students.

- ❖ **Champion organizational change** – Regarding this institution the expectation of its local community has been so high that local community and the Alumni Association have been demanding again and again to convert it to a University. The Central Library of the college is an unparalleled resource of literature. Under the same umbrella there is a running centre of distance education of Netaji Subhash Open University, the number of students of which is gradually increasing over the years. The college is now well equipped with computer and internet facilities, ICT enabled classroom teaching, modern laboratory instruments, Gym appliances, etc. The College research journal is a bilingual and interdisciplinary journal ‘Conscientia’ which is being published regularly. Health awareness programmes have also been conducted.

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?

Following the guidelines of Government of West Bengal, UGC and University of Kalyani the plans and policies are framed and for effective implementation of the policies and plans the respective committees and sub-committees review the performance time to time. Most of the jobs have to be completed within due time. If any lacuna is found in one session it is discussed in the Teachers’ Council meeting and necessary steps are taken in the next session. Regarding different problems that crop up on the way to achieve the target fixed as per plans, the Principal regularly meets with the different stairs of the organizational structure and policies are reviewed and revise, if necessary. Internal Quality Assessment Cell regularly monitors and vigils the progress of the assigned jobs of all the academic and administrative sub-committees and proposes necessary suggestions to improve the performance.

6.1.5 Give details of the academic leadership provided to the faculty by the top management.

UGC guidelines may be considered as the top leadership provided to the faculty. Since this college is directly run by the State Government,

administrative leadership is provided by the Higher Education Department of the Government of West Bengal. Postgraduate and Undergraduate Councils and Boards of Studies of the University of Kalyani assign different academic jobs for the faculty members of all the departments. As encouraged by the UGC, the Principal guides the faculty to organize seminars, symposium, conferences, workshops, excursions, as well as to represent the college in those organized by other institutions in India. Both the State Government and UGC on a regular basis give financial support to enrich the collection of books and journals as well as the research materials and equipments. The faculty members are also encouraged to conduct research projects funded by UGC and to participate in stipulated orientation and refresher courses. Proposals for upliftment of status are carefully prepared and presented at the national level.

6.1.6 How does the college groom leadership at various levels?

It is the most important task of the college authority to groom leadership among its students who in near future will take the responsibility to enrich the nation at different sectors. The Elected Students Union is the big platform where undergraduate and postgraduate students have ample opportunity to nourish and enrich their leadership qualities. The General Secretary of the Students Union becomes the students' representative in the Governing Body. Students Union organizes Freshers' Welcome programme at the beginning of each session and annual cultural programme during winter. In these events the not only cultural skills are encouraged and exposed but also the organizing capability becomes developed. Besides this, along with different cultural competitions debate and quiz are also being organized under the guidance of their teachers where analytical power the present generation is exercised. Students take the responsible leadership in publishing students' magazine and organizing annual sports. In all these events students are also groomed in respect of fund management and disciplinary measures.

In this college at present most of the teachers are young. They take the responsibility of convenors of different academic and administrative subcommittees. Specially while conducting University examinations, admission, Students union election, etc. the teachers can build up their leadership quality in college administration. When the Principal is out of station due to some external activity, on rotation senior teachers have to perform as Officer-in Charge and can develop their administrative ability to run the whole college in different critical situations. Teachers have to take the charge of Hostel Superintendents (there are two boys' hostels and a girls' hostel building is going to be completed shortly). The teachers also have to function as Coordinator and Assistant Coordinators of the unit of Netaji Subhash Open University, thereby having an opportunity to develop their administrative and leadership qualities.

The services of the non-teaching staff form an essential and basic framework of the college. Among them some are selected to lead the day-to-day functioning of college administration while some are assigned management of finance and accounts related activities. The Students' Section of the Principal's Office deals with the huge load of student affairs.

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?

All the departments (subject-wise) enjoy operational autonomy in departmental routine preparation (as per UGC stipulation), distribution of class-load and topics to be studied, arranging of seminar classes and tutorials, functioning of departmental libraries, departmental excursions and conducting of departmental meeting on academic matters. The Principal assigns the role of the Head of the Departments on the basis of seniority and the Head of the Departments are responsible for guiding and running the departments.

Tender committee and purchase committee operate the purchasing procedure and the Principal on discussion with the departmental Heads sets guidelines of fund distribution. With the given fund each department in its departmental meeting prepares the list of books and journals, lab materials and equipments to be purchased and guides the process of submitting quotations against published tenders from the vendors.

On the other hand the Principal coordinates all the sub-committees and sections to maintain the harmony. All these committees have been empowered to take decision and they consult the Principal as and when required to improve the quality of educational provisions. Under the guidance of the various subcommittees and Principal, cultural programmes and games and sports of the College are conducted by the Students' Union. Special care is always taken to maximize the efficiency of the existing infrastructure of the institution with the active participation of teachers, non-teaching staff, Students Union and students of the college.

6.1.8 Does the college promote a culture of participative management? If yes, indicate the levels of participative management.

Yes, the college promotes the culture of participative management for an effective internal coordination and monitoring mechanism. All activities in the College involve active participation of the Principal. She remains in the centre of all actions and processes. However all the stairs become directly or indirectly involved in decision making process regarding all academic and partially administrative and financial matters

The Teachers' Council being the highest academic body of the College has to take final decisions in all academic matters. Participatory management is ensured through the various subcommittees of the Teachers' Council and membership of non-teaching staff and Students' Union in selected committees of the college. The table below gives a list of subcommittees functional in the college.

TABLE 6.1: LIST OF SUB-COMMITTEES

Name of Sub-Committees	Teaching Representative	Non-Teaching Representative	Student Representative
ACADEMIC			
Academic Calendar and Holiday List	√		
Routine	√		
UGC	√		
Library	√		
Parent-Teacher Meeting	√		
Internet Facilities	√		
Cultural	√		
Seminar	√		
Academic Journal	√		
Games and Sports	√		
Teachers' Club	√		
Beautification	√		
NSS	√	√	√
Grievance Redressal Cell	√		
University Examination Part I	√	√	
University Examination Part II	√	√	
University Examination Part III	√	√	
Entry in Services	√		
Remedial Coaching	√		
ADMINISTRATIVE			
Admission	√	√	√
IQAC	√	√	√
NAAC Steering Committee	√	√	
Central Purchase	√	√	
Tender	√	√	
Gender Sensitization and Sexual Harassment	√	√	√
Hostel	√		
Endowment Fund and Scholarship	√		
Service Book and Service Matters of Teachers	√	√	
Income Tax	√		
CPE	√		
CAS	√		
Research (for arts and social sciences)	√		

Research (for sciences)	√		
Disciplinary	√		
Career Counselling	√		
Anti-Ragging Cell	√	√	√
Anti-Ragging Squad	√	√	√
Students' Union Election	√	√	√

However, in the operational part representatives from non-teaching staff and students sit together with the Principal and concerned faculty members and put their valuable views and suggestions so that the decisions taken by the teachers' Council may be reviewed and revised and ultimately be properly implemented through the participation of all the stairs. However, in case of any unresolved dispute, the Principal refers the matter to the Director of Public Instruction or the Vice Chancellor of the affiliating University as the case may be for further instructions.



PHOTO 6.2: TEACHERS' COUNCIL MEETING

The Governing Body of the College reviews and monitors the progress of the College in all directions periodically and advises the Principal regarding the future courses of actions.

The elected body of the students – the Students' Union with the Principal as its Ex-officio President acts as liaison between the students and the Administration. The Students' Union also organizes different cultural, social events, games and sports and various extension programmes.

The Alumni Association shares its views and visions with the Principal. The college administration and the faculty members actively

participate in different celebrations or cultural programmes and seminars of the Association and vice-versa.



PHOTO 6.3: CULTURAL PROGRAMME OF THE ALUMNI ASSOCIATION

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?

Imparting quality education for all corners of the society has been the prime ‘quality policy’ of the College since its inception in 1846. During its long journey of about 168 years it has witnessed the numerous chapters that have unfolded in the history of the nation and of the world and has emerged today as a major citadel of learning, imparting modern education in its highest standard. The prime objective of the IQAC (formed in 2008) is to develop and apply the quality benchmark in various activities of the Institution and disseminate the information of quality aspects. To ensure proper implementation of the ‘quality policy’ various steps have been taken as stated below.

- Conducting workshop/ seminar/ symposium by various departments so that the faculty members get an opportunity to enhance and sustain their academic excellence;
- Encouraging faculties to attend seminars, workshops, refresher and orientation courses without affecting the teaching-learning process of

the College. This would be the part of academic improvement programme.

- Conducting training programmes in computer and software usage e.g in the library, office, and different departments as exemplified by the departments of Geography, Mathematics and Chemistry.
- Encouraging and motivating the faculties so that they undertake various research projects and submit research proposals for funded research to UGC and other funding agencies for financial support.
- Imparting coaching for students from minorities, SC/ST and OBC (non-creamy layer) candidates for entry in services, remedial coaching etc.
- Submitting application for CPE (College with Potential for Excellence) status to UGC under XI & XII plans to achieve better standards of teaching and research by harnessing human and updated physical resources in innovative ways.
- Introducing new PG courses in Bengali (2008) and Zoology (2010); proposals have been forwarded to Government West Bengal for opening new PG courses in other subjects like Botany, Chemistry, Sanskrit and Political Science.
- Starting “study circle” programmes in various departments to make students proactive.
- Promoting the use of ICT enabled and student centric interactive teaching-learning methods to give the students better exposure of the topics.
- Upgrading the College website regularly with information from every corner of the Institution. Special emphasis is to be given on matters related to admission so that an applicant does not find it difficult to attain the required information regarding various procedures. At the same time it ensures that the entire process of admission is smooth for a new entrant to feel comfortable and welcome to the Institute.
- Introducing on-line application for admission with facility for submission of application fee in a designated bank.
- Increasing the use of computers for financial and office management.
- Constructing a 64-seated ladies hostel with the financial assistance from the UGC to provide accommodation to girl students who come from distant places to attend the Institution regularly and thereby justify its role as a premier Institute considered for spreading higher education among the women in rural Bengal.
- Special attention is being given for extension activities conducted under the aegis of the NSS e.g adoption of villages for improvement of health related problems.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Keeping in mind the gradual change in global scenario in the field of education as well as the change in composition of employment structure, the college within its limitations considers the following in its perspective plan for development:

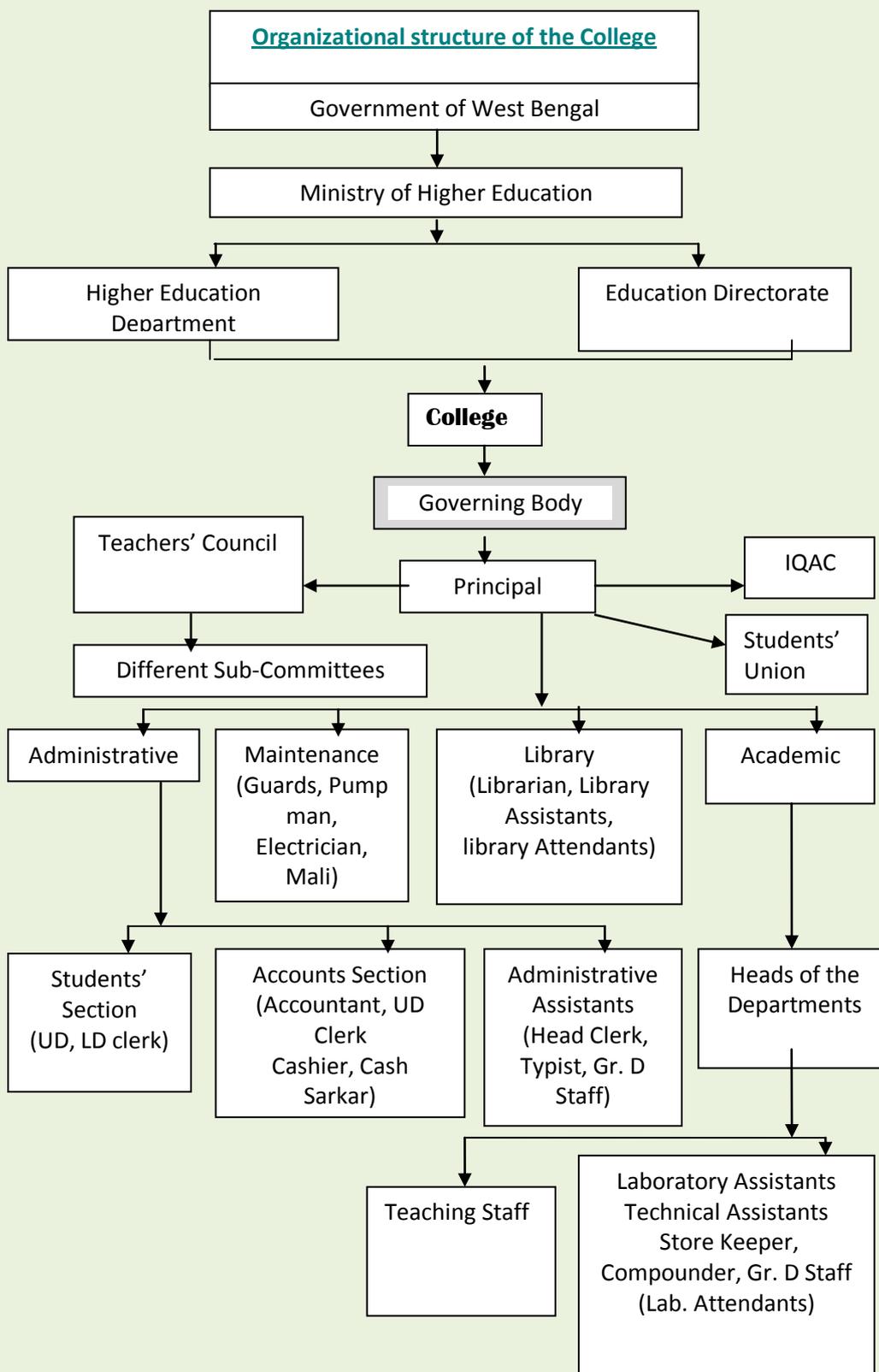
- opening of new post graduate courses in more subjects as mentioned in the earlier section as well as in other subjects e.g English, History, Physics;
- improving audio-visual teaching in all departments;
- introducing new Honours Courses in Education, Journalism and Statistics;
- introducing new subjects as General courses e.g Theatre Studies, Gender Studies and Human Rights (proposals made to University of Kalyani);
- utilizing the existing computer laboratory for self financing or Add-on courses for skill enhancement in computer applications by collaborating with other institutes specialized in this field of training;
- utilizing the new Language Laboratory of the English department for self financing or ad on courses in Communicative English, Spoken English etc.;
- increasing extension of NSS activities by adopting model village;
- introducing academic autonomy at the PG level; there exists demand for University status at the local level



PHOTO 6.4: THE COLLEGE OFFICE

6.2.3 Describe the internal organizational structure and decision making process

FIGURE 6.1: ORGANIZATIONAL STRUCTURE OF THE COLLEGE



Education Directorate and Higher Education Department - These two wings of Ministry of Higher Education of Government of West Bengal directly controls the organizational structure of this college. Governing Body is the top most local body of decision making process. Rest part of the organization is shown by the above schematic diagram.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

➤ Teaching and Learning:

- ❖ The quality of the teaching learning process, from academic point of view, depends on the both sides of the field, on the one the hand, the teaching ability of the teachers and on the other, the intake ability of the students. The teachers are recruited by the Government through Public Service Commission and the in-service improvement process is done by the participation of the teachers in Orientation Programmes and Refresher Courses as well as their continuous research activities. On the other hand it is observed that the area from which the students have been taking admission in this college is gradually expanding from town to suburbs and progressively to remote villages. Moreover a considerable number of students who initially take admission in science subjects shift their choices to technical education. So, a high level of heterogeneity in the intake capability of the students is observed. However to implement a transparent and equity based admission process the college has introduced on-line admission process with proper vigilance until the admission process ends. In order to overcome the said heterogeneity teachers specially guide the weaker students beyond class hours.
- ❖ Being a Government college it has to follow the existing norms of the Government in the financial matters. The institution neither can accumulate capitation fees from the students (at the time of admission) to enrich its resources nor it can directly take any step to develop or even repair its any infrastructural component. In spite of that the college always tries to mobilize its internal resources for its betterment. Every year the college increases the number of seats in different subjects in order to accommodate more and more students, which on the one hand helps to exploit its infrastructure and resources lowering the unit cost of education but creates a pressure on the quality on the other.
- ❖ Students from weaker sections are given support by way of sanctioning full and half free studentships. Arrangements are also made for many other stipends and scholarships awarded by various Government and Non-Government organizations. Care is always taken so that no student having a desire for education drops out for want of tuition and other fees. The Alumni Association gives prizes to meritorious students.

- ❖ The college has opened many courses both laboratory and non-laboratory based subjects including PG courses in Geography, Philosophy, Bengali and Zoology. It should be emphasized here that special attention is given while introducing a new subject so that the academic standard under no circumstances become questionable. The College authority has plans to introduce PG courses in other subjects, subject to the approval from the Higher Education Department and the affiliating University. The matter of value education has been an integral part of our overall curriculum. Students are accustomed to good habits and this is evident from the very good student-teacher-staff-society relationship.
- ❖ The entire process runs to strengthen the basic guidelines, ideals and policies of education of the State Government and also the Government of India. It is therefore quite clear that through a series of concerted efforts, all the teaching and non-teaching staff of the College, students and associates are constantly striving to transform the vision and mission of the College into a reality. It is needless to mention that the efficiency of any physical process cannot be 100% and there is always a room for further development.

➤ **Research and Development:**

- ❖ The college is very much concerned with the faculty development programmes for its teaching staff and students. The departments regularly arrange State level Seminars, Symposiums on different basic and current issues. The college also encourages its faculties to participate in Seminars, Workshops, Symposiums organized by other institutions and also in Refresher Courses and Orientation programmes.
- ❖ The teaching staff are increasingly bringing in research projects, both major and minor **(See Table 3.6 in Criterion III)**
- ❖ The college publishes its Research Journal “Conscientia” on a regular basis. It has already obtained the ISSN approval. Teachers from both the science and humanities departments publish their papers on current issues of research. The increasing number of publications in international national peer reviewed journals bear evidence of academic contribution of this college to the global knowledge base **(See Table 3.18 in Criterion III)**

➤ **Community Engagement:**

- ❖ The college has an active NSS unit which has increased its activities over the last few years. It has adopted villages where health and blood donation camps have been organized.

- ❖ The college has organized Thalassemia detection camp with help of the specialized doctors and technicians both in the villages and in the college. Large numbers of students have participated in the blood screening programme.
- ❖ The college has organized AIDS awareness programme as part of the Red Ribbon Club programme funded by the University of Kalyani.
- ❖ Each year in the college premises District Science Exhibition and competition for the school students is being organized by the district authority.
- ❖ The college helps different wings of the Government to arrange its public examinations. The teachers and non-teaching staff of the college extend their active participation to conduct those examinations.
- ❖ In different programmes of the Alumni Association consisting of people of the local community become involved with great interest.
- ❖ Through its unit of Netaji Subhash Open University the college helps a big part of the young generation of its locality to continue their study in different branches.

➤ **Human Resource Management:**

The Higher Education Department values teachers as individuals and sincerely wants them to succeed and grow. The Principal therefore provides continuous feedback to the teachers and find ways to provide them with professional development opportunities, both in-house and off campus. From the perspective of the students, comparison of the ideal and real models of learning process and outcomes, application of the self reporting system, peer-appraisal help in the identification of the lacunas on the part of a teacher or staff. Once the gaps or lacunas are identified, appropriate strategies are planned and instituted for closure of the gaps and removal of the mismatches. This ultimately improves and strengthens the basis, purpose and outcomes of teaching-learning, helps in assessment and redesigns the activities to achieve better the goals of curriculum. The Principal encourages the involvement of the teachers in meaningful decision-making and also motivates the faculty members for undertaking research and extension activities.

The non-teaching staff are also assessed by the concerned department and the Principal also takes adequate care to examine the performances of the staff. The Principal intervenes as and when required for the improvement of the performances of those staff members. During their promotion or placement to higher scale of pay the Principal has to send their Annual Confidential Reports and Special Confidential Reports to the Director of Public Instruction, West Bengal.

Value education has been imparted to the young students by organizing special lectures delivered by Ramakrishna Mission. In the college, Swami Vivekananda's 150th anniversary was marked by the visit of the chariot of

Swamiji on 23rd September 2013 when a lecture was delivered by Swami Shivapremananda Maharaj from Ramakrishna Mission Yogodyan Math, Kolkata. Another lecture for the development of ethical values amongst the young generation was addressed by Swami Jnanlokananda Maharaj from Ramakrishna Vidyapitha, Purulia on 21st February 2014 .



PHOTO 6.5: VALUE BASED PROGRAMME CELEBRATING SWAMI VIVEKANANDA'S 150th BIRTH ANNIVERSARY

- **Industry Interaction:** Industry interaction is conducted by the departments like Chemistry, Geography, Botany and Zoology. These departments organize visits to different industries. The students get benefitted from their direct interaction with the industries.

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 College administration functions through different sub-committees comprising of 4-6 persons (teaching and non-teaching staff) in each committee with the leadership of the Principal. (See Table 6.1 above). The college authority is aware of the chain of activities of the College and also about the sub-committee who have been entrusted to look after the specific act. Moreover the College has its Grievance Redressal Cell and Students' Union which also provide the authority with valuable information on various matters related to students' interest. The feedback obtained from Parents-Teachers'

meet, suggestions received from academic peers and external examiners of practical examination of the University on the occasion of their visit to the college often help the authority about the need of the hour and also to review the activities and determine the priority list of actions. Feedback forms are also circulated amongst students which help the Principal to identify and assess the problems.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional process?

Both teaching and non-teaching staff are involved in various activities in order to improve the efficiency of the College. The College authority tries its best to provide the teachers with every support they need for the cause of education and overall development of the students. They are encouraged always to do anything that may lead to a sustainable development of the ambience of the College. There is very little scope for award of prizes to them for their contribution to innovative teaching. However, good to outstanding results of the students in the University examinations and their future placement in life are indeed great prizes for the teachers. This motivates them further to get themselves involved in the improvement of the effectiveness of the College. The department as a whole or individual teacher is felicitated in the meeting of the Teachers' Council for any outstanding activity.

The non-teaching staff also plays a vital role in the improvement of the College administration. As a matter of fact it is the non-teaching staff, who are directly involved in rendering various services to the students and also to those who look after the interest of the students. Of course, they enjoy whatever service benefits that exist but at the same time they are equally careful regarding their duties and responsibilities. The authority also holds special training sessions for them whenever situation demands, e.g. during the introduction of COSA software and e-Bantan system of fund dissemination by the Government of West Bengal.

6.2.7 Enumerate the resolutions made by the management Council in the last year and the status of implementation of such resolutions.

Minutes of the meeting of the Governing Body held on 03.10.2013 (MAJOR POINTS)

The Governing Body meeting held on 03.10.13 marks the first meeting of the reconstituted Governing Body. The main points discussed in the meeting are enumerated below:

1. Mr. Abani Mohan Joardar, Government Representative (MLA, Krishnagar) pointed out that the college campus needed cleaning and boundary walls around the entire campus including the fields must be constructed.
2. The District Magistrate (President) suggested that the help of NSS may be taken for cleaning the campus. Both the President and Mr. Joarder

(Government Representative) advised that the Municipality should be informed and the work may be done by the Municipality. Prof. Dhirendranath Biswas wanted to include Alumni Association in the development programme of the Heritage College of 1846.

3. Prof. J. R Chaudhuri, Principal of this college pointed out the salient features in her speech pertaining to the “the overview of the college”. Her briefing included the following points:

(i) The urgent necessity for repairing the Boys Hostel and the representative of PW Executive Engineer informed that the Hostel rooms will have to be evacuated for at least six months.

(ii) Electrical works have to be done.

(iii) Drinking water is not potable due to excessive arsenic pollution.

(iv) Mr. Joarder suggested consultation with PHE, Kolkata, for arsenic free water supply plant in this campus.

(v) Second Phase work of Ladies Hostel should be started immediately.

(vi) Mr. Joarder suggested that steps had to be taken to prevent encroachment and to evacuate the already encroached area.

(v) The District Magistrate asked the Principal to inform him about indiscipline in the college and the Principal highlighted that social function continued late in the evening upto 10 P.M which should end by 6 P.M. It was stressed by Dr. Sujata Chaudhuri University representative that this was a very tenable point especially in a co-education college.

4. According to the House, the college should have 45 minutes lunchtime and instead of 8 period classes in the routine, there may be 7 periods in the routine and it would be again discussed in the T.C. of the College.

5. All the programmes within the college should be strictly restricted within the college hours.

6. The District Magistrate suggested that PW Electrical and other college and external members engaged in administrative activities of the college should be present and available for discussion.

7. It was also suggested that other activities like NCC, Red Cross, Film Society, Study Circle, Nature Club, and Students’ Magazine etc. may be introduced in the college so as to activate the students in constructive work.

The meeting was concluded by the District Magistrate by pointing out the following issues once again:

1. Necessity to construct Boundary Wall
2. Development of Action Plan ,
3. Meeting should be convened in the conference room,
4. Campus cleaning should be given special attention and the NSS team of the college may take part in the activity. The participating students can be provided with refreshment,
5. Arsenic free water supply should be given priority,
6. Extra-curricular activities are very important to control the students and maintenance of discipline is essential to promote a healthy academic environment in the college.

Prof. Sujata Chaudhury suggested circulating the minutes among the members and there may be a paragraph mentioning the “issues which are to be given special attention”.

Actions Taken

1. The Municipality has cleared the jungle twice since October. They will have to clear it again soon as the campus has again become overgrown with weeds.
2. The PW (Construction) has submitted the estimate which has been forwarded to the Higher Education Department for fund allocation
3. Regular Governing Body meeting in future will be held in the conference room
4. NSS team in the last 8 months has been busy in running health camps in two 'adopted villages' near Krishnagar. They have also organized a programme on AIDS awareness and screening of blood for Thalassemia
5. Estimate for arsenic removal was obtained from PHE which was submitted to the Higher Education Department. However it was noted that the estimate did not have the signature of the Superintending Engineer. By the time a fresh estimate was obtained from PHE the MCC for election came into force and it could not be submitted. It will be submitted in this financial year along with other PW (Construction) estimates which need allotment form meeting with the NAAC standards.
6. Estimates for repair of Hostels were submitted and sanctions were obtained, but as the MCC came into force two sanctions were sent back by PW (Construction). They have been resubmitted to the Higher Education Department for revalidation. The work has however started.
7. Two sets of more estimates for repair and renovation of different parts of the college have been sent to the Higher Education Department for allotment. Another set of estimates of four items are currently being made by the PW (construction).
8. The portal gate over the DL Roy statue has been completed with special MLA grant.
9. IQAC committee has been reconstituted and a meeting will be called soon.
10. Letter of Intent has been given to NAAC and SSR will have to be sent to NAAC by the end of November 2014.
11. It has not been possible to remove the encroachments yet. However it is planned that once the sanction for the Boundary Wall is received and work starts attempt to remove the encroachment will commence.
12. Structure of all the floors of the Ladies Hostel has been completed. Fresh allotment has been released for completion.

**Minutes of the meeting of the Governing Body held on 11.07.2014
(MAJOR POINTS)**

1. Principal circulated the points to be discussed regarding the UG Admission 2014
2. It was decided that all the students excluding the candidates who have already been admitted are to be called for the second Counseling. Names will be called from the beginning of the merit list.
3. Admission related news for both UG and PG will be uploaded in the college website. The date and time for second counseling for admission with the number of vacant seats i.e., the Seat Summary for each subject should be circulated widely through college website and local TV channels.
4. The time for entry into the Counseling Building and more specifically in the Counseling Room is 10 am to 11 am, i.e, the entry time has been extended by half an hour from 10.30 am to 11 am.
5. Shri Shibnath Chakraborty, a member representing the non-teaching staff gave a proposal for taking admission of the wards of the teaching and non-teaching staff of this college. The President of the GB told in this regard, that it is a matter of State Policy and the District Magistrate suggested that if a deputation is submitted by the non-teaching staff, Higher Education Department may be pursued to consider this proposal.

Actions Taken: All the above mentioned resolutions were circulated in the form of notices and all of them were implemented immediately leading to hassle free admission 2014.

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 administration of the college is absolutely run by the two wings of the Ministry of Higher Education of Government of West Bengal – one is the Higher Education Directorate and another is the Higher Education Department. There is no question of administrative autonomy. On the academic part, this college is affiliated to the University of Kalyani. For both the undergraduate level as well as the post graduate level all the academic decisions (framing of syllabus and curriculum, conducting examinations, fixing norms of admission and registration, etc) are taken by the university. The university has not yet given autonomy to its affiliated colleges even at the Postgraduate level.

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 institution has a Grievance Redressal Cell. The College has a Complaint/ Suggestion Box, where students, teachers, employees and others may drop their grievances/ complaints/ suggestions.

The Cell functions –

- To make every stakeholders of the College aware of their rights, powers and responsibilities
- To invite written complaints/grievances of any kind
- To redress the problems of the aggrieved through its own machinery
- To refer any serious problem for necessary administrative action to the Principal

There is also a disciplinary committee, anti-ragging committee and anti-ragging squad. Any grievance or complaint launched by any student or any stakeholder is referred to this committee headed by the Principal for investigation and solution.

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 court case has been filed against the college during the last four years.

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?

The elected body of the students viz. the Students’ Union with The Principal as its Ex-Officio President provides a liaison between the students and the administration. The feedback of the Students’ Union and final year students on day-to-day performance of the institution provides information regarding the functioning of the different components of the institution. Though the statistics reflected in the Teacher Assessment Questionnaire (TAQ) filled up by the students highlight the quality of teaching and problems faced by the students, at present the Principal meets the Students’ Union, conveners of different sub-committees, representatives of non-teaching staff organization regularly. The information obtained from the feedback, particularly from the staff and students are utilized for decision making and performance improvement. Teachers’ Council, being the important body of the college resolves different decisions and suggestions which are considered by the Principal for improvement.

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?

Professional development is a continuous process and the teachers regularly participate in Orientation Programmes and Refresher Courses conducted by the various Academic Staff Colleges of the Universities, as per UGC norms and Govt. rules. The teachers are encouraged to be members of PG and UG Board of Studies of the affiliating University and also the Head Examiner, Examiner, Scrutinizer, Paper Setter, Moderator of different Universities and other organizations conducting different examinations. The teachers are also deputed to take the charge of the college unit of Netaji Subhash Open University (NSOU). A Public Relation Officer and appellate authority have been formed from the Teaching Staff to deal with matters related to Right to Information (RTI).

For financial work non-teaching staff have been trained in the use of COSA software and e-Bantan system. At present most of the Group-C staff members are computer literate. Moreover office softwares related to collection of fees and students' database management have been developed and are being used in the financial and administration management system of the college. New student related software is being programmed by a software firm to enable better management of student data. For financial management, introduction of accounts software 'Tally' is being considered.

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?

As per UGC norm the teachers have to participate in a number of refresher courses for their career advancement from each step to the next and in one orientation programme. The college cannot release all the teachers of a department at a time to participate in these courses. Teachers are being released ensuring that their classes will be taken by the rest of the teachers so that students are not deprived of their regular teaching routine. For any professional training it is resolved departmentally that who will be the participant in which training. Teachers are provided duty leave to attend NSS training programmes of Narendrapur Ramakrishna Mission and University of Kalyani. To the teachers the major motivating factor is the success of their students, not only in university examinations but in their future career also. The College authority always takes initiative to appreciate the qualities, which are very special to the individual as a teacher – this always boost the morale of the individual, motivate them to pursue further in the desired direction.

The ability and opportunity to conduct funded research and acceptance of papers by peer reviewed and international journals motivate teaching staff to expand research activities. Moreover increasing provision of updated

research facilities like equipments, satellite imagery, journals, internet facilities etc. empower the faculty to participate in higher level research.

The office staff members are overburdened with their jobs, so there is very little scope to release them to participate in any training without hampering their regular jobs.

6.3.3 Provide details on the performance appraisal system of staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Performance evaluation of teaching and non-teaching staff:

- ❖ For Teaching Staff: The performance of the teachers are evaluated primarily on the basis of the information from i) the departmental heads ii) the feedbacks provided by the students and iii) directly by the Principal. The teachers maintain self appraisal reports on daily basis and also specific self-appraisal reports as prescribed by the University Grants Commission and approved by the Government at the time of every upward movement (through Career Advancement Schemes). Moreover the Principal furnishes Annual Confidential Report for each and every faculty member to the Director of Public Instruction and also Special Confidential Report as and when required in prescribed format.
- ❖ For Non-teaching Staff: The non-teaching staff of the College belongs to two categories: Group-C and Group-D. They are posted in different departments and also in the Office of the Principal. They normally work according to the instructions issued by the teachers including the Head of the departments. Thus the performances of these departmental staffs are evaluated by the teachers and also the Head of the concerned departments. The Principal also keeps watch through his machineries regarding the performances of the staffs. There is scope of Career Advancement Schemes for non-teaching staff as well. They are evaluated by the concerned departments in accordance with the prescribed proforma issued by the Director of Public Instruction, West Bengal. Any disciplinary action against any staff is to be taken as per West Bengal Service Rules. The Principal has to forward Annual Confidential Report and Special Confidential Report to the Education Directorate for 'Confirmation' of Group C staff.

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 Government can issue orders in case of any allegation against teaching or non teaching staff which the Principal has to implement. The Principal can issue 'Show Cause' letters to communicate the requirement for explanation or Government directives or censure.

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?

The welfare schemes for the staff and faculty are mainly those which are available to all Government employees.

- In the College level there is provision for residential quarters for faculties and staff. In addition, they are also entitled to get residential accommodation in Government Housing Estates.
- Provisions for house building loan, computer loan, vehicle purchase loan etc from the Government are also available as per existing rule.
- All faculties and support staff are also entitled to get free medical treatment for them and their families in all Government Hospitals as per existing rules.
- There is State Government Health Scheme, 2008. An employee entitled with this scheme can get full reimbursement of the cost of medical treatment of own and his/her any family member. However the employee has to forego the monthly medical allowance (Rs.300/- per month) from his salary.
- There is also facility for taking loan for treatment and other emergency needs from the West Bengal Government College Teachers' & Librarians' Welfare Cooperative Credit Society Limited for the faculties and librarians.
- The non teaching staff of the college can take loan for various purposes from "Krishnagar Govt. College Employees Credit Co-operative Society Limited" (Regn. No. 15 dated 21.01.2005). Almost all the non-teaching staff are the members of Krishnagar Govt. College Employees Credit Co-operative Society Limited.
- The non-teaching staffs are offered bonus and Advance Salary during the festive Puja season.

Almost 100 percent of the Non-Teaching staff avail the above mentioned welfare schemes.

6.3.6. What are the measures taken by the Institution for attracting and retaining eminent faculty?

Since it is a Government Institution the Principal and the Governing Body of the College have no authority to attract or retain any whole time faculty. The recruitments of the faculties and librarians are done by the Higher Education Department of the Government through the Public Service

Commission (PSC), West Bengal as and when required. The matter of retention of the faculties is controlled by the Director of Public Instruction and the Higher Education Department. The transfer of the faculties among the Government colleges in West Bengal is a routine matter and in most of the cases a substitute is provided while issuing transfer order for one existing teacher.

However, after retirement of any eminent teacher, if there is scarcity of teachers in the respective department, the college can send a proposal to the Higher Education Department to engage them as Guest Lecturer with a honorarium. The Guest Lecturers are rendering valuable service to the PG departments.

6.4. FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

A number of committees consisting of teaching and/or non-teaching staff are constituted every year to ensure democratic decision making regarding purchases and to monitor the utilization of resources. Head of the Departments are members of the Committees. Such committees include:

- (1) UGC committee with a Convenor and teaching staff as members who are nominated by the Teachers' Council every year
- (2) CPE Committee Convenor and teaching staff as members who are nominated by the Teachers' Council every year
- (3) NAAC & IQAC Committees
- (4) Tender Committee consisting of a Convenor & members of teaching staff as well as representative of non-teaching staff
- (5) Purchase committee consisting of a Convenor & members of teaching staff as well as representative of non-teaching staff

Salary is billed through the COSA software. Financial resources are being received directly into bank accounts and the State Government has introduced the mechanism of e-bantan thereby making the system computerized. Records of purchases, bill and cheque registers, stock books, scholarship registers showing receipts and disbursements are maintained and regularly updated. Each committee has its own registers for maintaining records. There is a plan to introduce the accounts software 'Tally' which will enable better computerized management of funds especially in the face of increasing inflow of funds for research for research and development.

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.

Individual grants are regularly audited by registered auditors and the Audit & Accounts Department of Government of West Bengal conduct detailed audit of all accounts every four years. The last audit was conducted for the period 1st December 2010 to 28.02.2014 by the Audit & Accounts Department of Government of West Bengal. The auditors conducted the audit from 03.03.2014 to 11.03.2014. The major objections were:

(i) Some errors were detected in increment given to an office staff. The error has been rectified and overdrawal is being refunded every month.

(ii) Some errors were detected in the final payment calculation of three retired office staff. The excess payments have been refunded by the retired incumbents and refunded by the college to the Treasury I of Krishnagar.

(iii) Two errors in payment made to two suppliers were detected which have been returned by the suppliers and the amounts have been refunded to the Treasury.

(iv) Some books of the library were due for return. Most of them have been subsequently returned.

(v) Stock verification of library books of the library is incomplete. The library is currently being computerized and 11300 books have been entered into the Libsys software. Further computerization is being done which is automatically resulting in stock verification.

(vi) Electricity charges have been levied at commercial rate instead of public utility rate for which Government Educational institutes are eligible. Communication has been made with WBSEDCL and documents required for the conversion have been provided. The college is awaiting official change in tariff rate by WBSEDCL.

(v) Auditors made an estimate of unserviceable stock of equipments of the laboratory based departments. The college has written to the Government of West Bengal for further instruction and permission for the disposal of such items which cannot be repaired.

(vi) A discrepancy between cash book and bank accounts was identified showing an excess of Rs. 46000 in the bank. The bank accounts have to be reconciled and the process of reconciliation has been started by the cashier under the guidance of the JDPI of Accounts. The bank has been requested to provide detailed statements required for such reconciliation.

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 reserve fund / corpus available with Institutions, if any.

- The State Government bears all the expenditures including salaries, electricity and telephone bills and gives development grants. Sanction of grants for repair, renovation, maintenance and construction are provided by the Government of West Bengal which are undertaken by the PWD (Construction & Electrical). The Tables below show the Plan and Non-Plan receipts and expenditures under State Government Funding.

TABLE-6.2: STATEMENT OF ACCOUNTS IN RESPECT OF WEST BENGAL GOVERNMENT GRANT (NON-PLAN) DURING 2010-2014

Non-Plan Grant Heads of Accounts	Total Receipts					Total Expenditure during 2010-2014 (Rs.)
	2010-2011 (Rs.)	2011-2012 (Rs.)	2012-2013 (Rs.)	2013-2014 (Rs.)	TOTAL (Rs.)	
Salary (including arrear)	4,66,75,000	5,35,50,000	5,08,95,000	5,73,19,620	20,84,39,620	20,84,39,620
Office expenses	4,50,000	3,20,000	5,10,000	3,30,000	16,10,000	16,10,000
Other charges	6,00,000	6,00,000	7,75,000	7,20,000	26,95,000	26,95,000
50 Other charges	1,10,000	1,35,000	1,40,000	1,30,000	5,15,000	5,15,000
Total	4,78,35,000	5,46,05,000	5,23,20,000	5,84,99,620	21,32,59,620	21,32,59,620

FIGURE 6.2(a): NON PLAN EXPENDITURE WITHOUT SALARY (STATE GOVERNMENT)

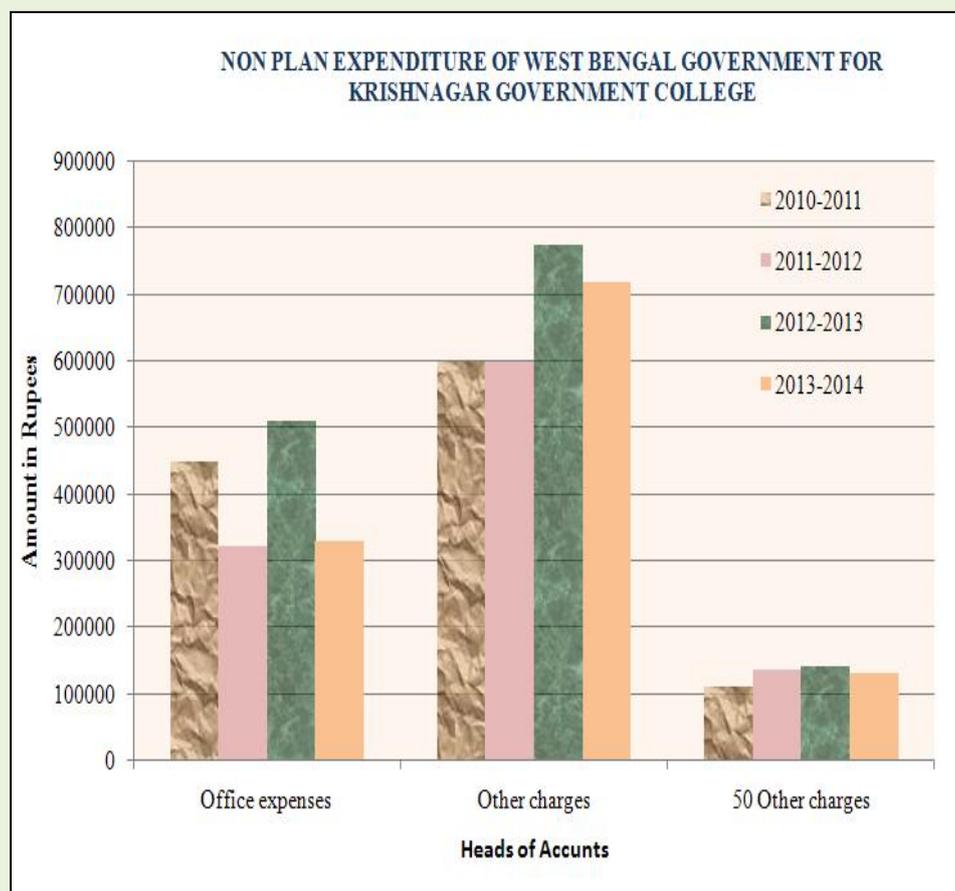


FIGURE 6.2(b): NON PLAN EXPENDITURE, SALARY (STATE GOVERNMENT)

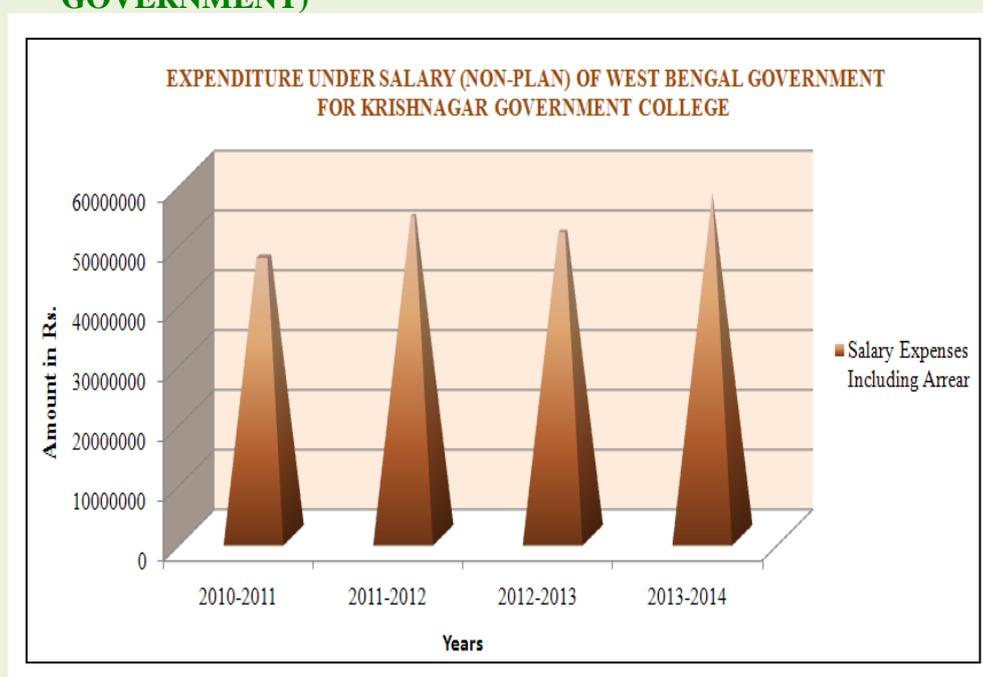
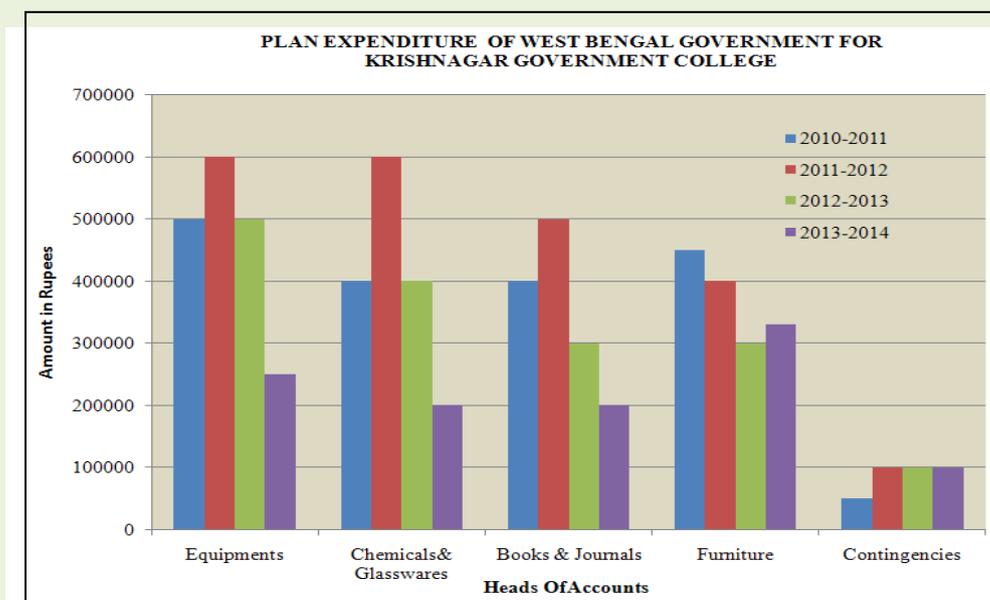


TABLE 6.3: STATEMENT OF ACCOUNTS IN RESPECT OF WEST BENGAL GOVERNMENT GRANT (PLAN) DURING 2010-2014

Plan Grant (Development Grant) Heads of Accounts	Total Receipts					Total Expendit ure during 2010-2014 (Rs.)
	2010-2011 (Rs.)	2011-2012 (Rs.)	2012-2013 (Rs.)	2013-2014 (Rs.)	TOTAL (Rs.)	
Equipments	5,00,000	6,00,000	5,00,000	2,50,000	18,50,000	18,50,000
Chemicals & Glasswares	4,00,000	6,00,000	4,00,000	2,00,000	16,00,000	16,00,000
Books & Journals	4,00,000	5,00,000	3,00,000	2,00,000	14,00,000	14,00,000
Furniture	4,50,000	4,00,000	3,00,000	3,30,000	14,80,000	14,80,000
Contingencies	50,000	1,00,000	1,00,000	1,00,000	3,50,000	3,50,000
Total	18,00,000	22,00,000	16,00,000	10,80,000	66,80,000	66,80,000

FIGURE 6.3: PLAN EXPENDITURE (STATE GOVERNMENT)

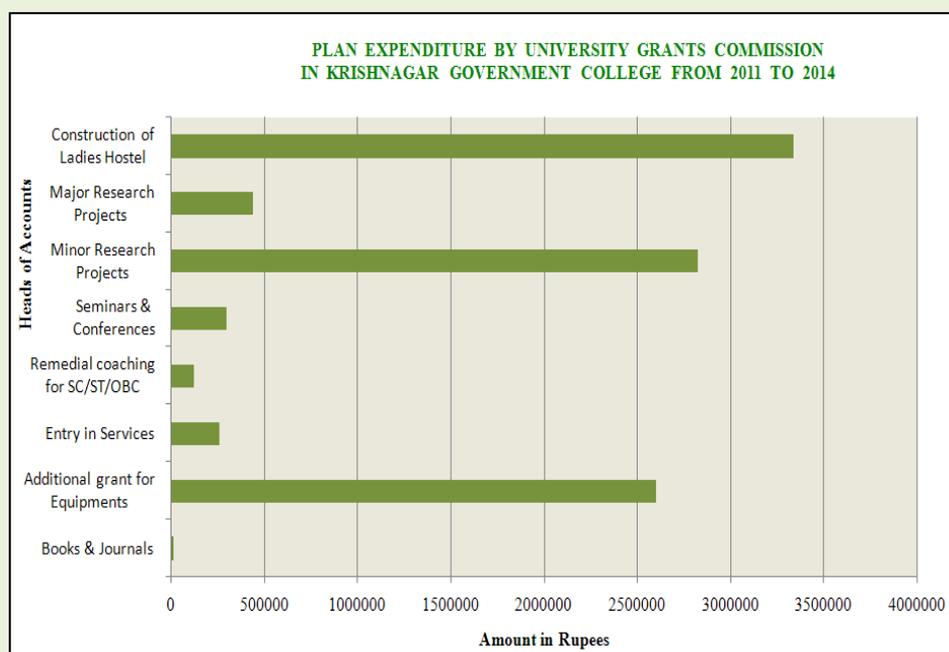
- The UGC provides grants for various research and development as shown in the following table

TABLE 6.4: STATEMENT OF ACCOUNTS IN RESPECT OF GRANTS FROM UNIVERSITY GRANTS COMMISSION DURING 2010-2014

Heads of Accounts	Total Receipts					Total Expenditure during 2010-2014 (Rs.)
	2010-2011 (Rs.)	2011-2012 (Rs.)	2012-2013 (Rs.)	2013-2014 (Rs.)	TOTAL (Rs.)	
Books & Journals	Nil	Nil	Nil	15,650	15,650	*
Additional grant for Equipments	8,30,500	6,64,400	11,06,715	Nil	26,01,615	26,01,615
Entry in Services	Nil	2,10,000	50,000	Nil	2,60,000	
Remedial coaching for SC/ST/OBC	Nil	Nil	1,25,000	Nil	1,25,000	
Seminars & Conferences	3,00,000	Nil	Nil	Nil	3,00,000	3,00,000
Minor Research Projects	6,56,000	11,35,400	Nil	10,37,800	28,29,200	17,91,400*
Major Research Projects	Nil	Nil	4,43,800	Nil	4,43,800	3,10,983 (balance refunded)
Construction of Ladies Hostel	Nil	Nil	27,13,750	6,26,250	33,40,000	33,40,000*
Total	17,86,500	20,09,800	44,39,265	16,79,700	99,15,265	

* Grants received during the financial year 2013-2014 are yet to be spent completely.

FIGURE 6.4: PLAN EXPENDITURE (UGC)



- The college was granted Rupees 1 crore in three installments under the UGC-CPE scheme. The allotment of grant under these grant is given below:

TABLE 6.5: STATEMENT OF ACCOUNTS IN RESPECT OF UGC-CPE GRANT

UGC-CPE Grant Heads of Accounts	Total Receipts					Total Expenditure during 2010-2014 (Rs.)
	2010-2011 (Rs.)	2011-2012 (Rs.)	2012-2013 (Rs.)	2013-2014 (Rs.)	TOTAL (Rs.)	
Non-Recurring	30,00,000	24,00,000	xxx	6,00,000*		53,95,000
Recurring	20,00,000	16,00,000	xxx	4,00,000*		35,62,227

* The last installment is sanctioned in the present financial year (2014-2015) and is being utilized now.

- Scholarships for students are received from WBMDC (for SC, ST, OBC & Minority), West Bengal Government Merit & Means scholarship, Chief Minister's Fund, private scholarship giving agencies like Jindal, Inspire scholarship etc. some of them are directly credited into the bank accounts of the students and some are sent as cheques in the name of the students. Only WBMDC sends maintenance allowance in the name of the Principal which is then disbursed to the respective students.
- Since this is a purely Government college no reserve fund/corpus fund is available with the institute.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

1. Proposal for MRP have been forwarded to UGC
2. Proposal for Major Research project have been forwarded to UGC, ICSSR & DST
3. Proposal for CPE funding have been forwarded to UGC
4. Proposal for DBT star status has been forwarded to HRD Ministry
5. Proposal for repair, renovation & construction have been made to the State Government
6. Proposal for Ladies Hostel Construction has been made to UGC

6.5 INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. 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 an Internal Quality Assurance Cell. It was formed in 2008 as a logical corollary to the NAAC visit to our college. Our institution was graded 'A' with CGPA 3.14 by the NAAC peer team. Since its inception the IQAC has been continuously trying its level best to ensure the high quality of performance of its students and members of the teaching and non-teaching staff. Its institutional policy includes regular departmental meetings, parents-teachers meetings, tutorial and remedial classes specially for weak students, industrial visits and educational tours, coaching for Entry in Services, co-curricular and extra-curricular activities, extension lectures, community service, seminars and workshops, environmental awareness, financial assistance to meritorious and needy students etc.

The college was granted CPE status in view of its high academic standard. In the interface meeting between the Principal and the UGC, held at New Delhi in November, 2013, the performance of this institution was appreciated. It is now looking forward to its CE status.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

The IQAC submitted AQARs for 2009-2010, 2010-11, 2011-12 and 2012-13 academic sessions. They have been approved by the management. As the AQARs show, the institution during the last few years regularly held departmental meetings and parents-teachers meetings, organized sports, science fair, cultural programmes and NSS activities, rendered special financial help to needy and meritorious students, helped teachers participate in Orientation Programme, Refresher Course, seminars, workshops and symposiums of state, national and international level, conducted educational tours and industrial visits for students etc. The institution paid special attention to promote social and environmental awareness among its students. The students submitted projects on environment. The students received different types of government and non-government scholarships. Similarly teachers also received funds for higher studies and research by UGC, CSIR, ICHR and other funding agencies.

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes, there are external members included in the IQAC.

The external members offer valuable suggestions on many an occasion. We have among us the District Magistrate, Local MLA, doctors,

academicians and entrepreneurs of repute. The list of present IQAC members is given in the following table:

TABLE 6.6: LIST OF MEMBERS OF IQAC

SL. No.	DESIGNATION	NAME OF THE PERSON
1.	Chairperson- Principal of the Institution	Prof. Jayasri Ray Chaudhuri
2.	Senior Administrative Officer – District Magistrate	Dr. P. B. Salim
3.	Teaching Staff	Dr. Dipak Das Smt. Indrani Goswami Dr. Sharmistha Maity Smt. Irani Sil Dr. Samrat Laskar Dr. Rajashree Dasgupta Dr. Ajanta Mukherji Sri. Arindam Jana
4.	Member of Management : Government Nominee	Dr. Abani Joardar, MLA
5.	Nominees from Local Society, Students and Alumni	Dr. Sudhir Chakraborty Dr. Basudeb Mondal President of the Alumini Association – Dr. Piyush Tarafdar Secretary of the Alumni Association- Sri Khagen Datta Vice President of the Student's Union- Sri Biswajit Ghosh General Secretary of the Student's Union – Sri Amiya Ghosh
6.	Nominees from Employers/Industrialists/Stakeholders	Sri Sujoyendra Nath Singh Roy
7.	Coordinator of IQAC	Dr. Jayasree Mukhopadhyay

d. How do students and alumni contribute to the effective functioning of the IQAC?

Both the Students Union and the Alumni Association are keen on promoting the quality of the institution. They are cooperating, supportive and vigilant. The students help the institution in different activities like admission, examination, games and sports, cultural programme, extension lectures,

seminars and workshops, NSS programme etc. They also help the administration in its anti-ragging drive and cooperate with it in maintaining discipline in the campus. They also actively endeavour to promote an eco-friendly environment within the college grounds. The Alumni Association regularly organizes academic and cultural programme, such as, celebration of Poet Dwijendralal Ray's birth anniversary. It also gives financial support to some needy students. It also offers prizes, generally in form of books, to meritorious students of different departments. The IQAC through the management keeps close touch with the alumni.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC has some members of the teaching staff on its committee. It gets regular support and help from its non-teaching staff.

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.

To ensure high quality and standard the institution has an integrated framework for its academic and administrative activities. It has organized different academic and administrative committees. For the complete list of sub-committees, see Table 6.1

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.

No such measures have been taken in this regard.

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?

No formal provision for Academic Audit has been introduced yet. However, external review of academic quality is ensured in the following ways:

- ❖ Papers of many teachers have been published in refereed journals. Many teachers have received funds for research works.
- ❖ For the students class tests and tutorials are held and students' seminars are organized. The first year students of all the departments submit projects on environmental studies. The students of the Post-Graduate Departments also submit projects.
- ❖ For socially and economically backward students the institution provides remedial coaching and coaching in entry –in-services on a

regular basis. For the details of the beneficiaries of the last six years in this regard, consult Table 5.7 in Criterion V.

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 works smoothly with the management, i.e., the Governing Body, and gets support and cooperation from the Department of Higher Education, West Bengal and the UGC. The Governing Body is the highest advisory body which gives advice and support to the institution from time to time. As it is a government institute it is directly controlled by the Department of Higher Education, Government of West Bengal. The employees, both teaching and non-teaching, are government staff. For quality assurance the Government keeps strict vigil on this institution, and at the same time helps it with academic, administrative and financial support.

The University Grants Commission as the nodal centre of higher education has extended its hands to this institution for high standard of teaching and research.

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 departmental teachers monitor the performance of the students by their response in the classrooms as well as by their performance in the class tests conducted by the department.
- ❖ The Principal ensures effective teaching-learning in the college by constant interaction with the Departmental Heads and with individual teachers, as and when required.
- ❖ The IQAC also suggests the departments regarding the effective way of teaching-learning. The performance of the teachers gets reflected in the Annual Quality Assurance Report.
- ❖ Assessments of feedbacks from different stakeholders like the students, especially the Students' Union, parents, Alumni Association also help the process of monitoring the teaching-learning in the college.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The IQAC generally communicates its policies and decisions to various stakeholders through notices and letters. Regular meetings are held among teachers and students on various important issues like admission, examination, cultural programme, beautification etc. There are inter departmental and intra departmental meetings. The meetings are also held with the members of the non-teaching staff. Notices are posted on the notice board,

notice book and in many cases in the college website. For quality assurance students can get the help of Career Counselling Cell, Anti-Ragging Cell, Sexual Harassment Redressal Cell, Grievance Redressal Cell and the like. The Alumni Association and the guardians are contacted as and when required.

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?

As of now there is no provision for Green Audit or Environmental Audit of the college conducted by any external agency. The college, however, monitors the environmental balance within the campus through the following measures:

- The Beautification Committee and the NSS Unit of the college work in consonance as monitoring agencies.
- The campus has been declared as No Smoking Zone and No Plastic Zone.
- Tree Plantation Programme is held annually by the NSS Unit.
- Medicinal Plant Garden is maintained by the Department of Botany. The College Garden in front of the Main Building is also maintained properly.
- Krishnagar Government College has some very old trees, gigantic in size. Proper care is taken to preserve these trees which are not only environmentally important but also remind us of the long and glorious tradition of the college.
- Part I UG students have to conduct environmental project works as part of their curriculum. This practice certainly enhances their environmental consciousness.
- The UGC-CPE Grant was utilized by the Departments of Chemistry and Botany to conduct tests on the level of arsenic in the specimen of drinking water of the college. The result has been publicized across the departments to make the students and teachers aware of the level of arsenic in the drinking water in the college campus.
- Seminars on environmental related issues are organized in the college, eg, the Postgraduate Department of Geography organized two lectures on “Tsunami and its effect at Global Scale” (delivered by Dr. Sugata Hazra) and “Arsenic Contamination and its impact in Gangetic West Bengal” (delivered by Dr. Dipankar Chakraborty).

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- **Energy conservation:** The college is aware that energy conservation is a basic pre-requisite to make the campus eco-friendly. The staff ensures that as soon as the necessity of any electrical and electronic equipment comes to an end, it is immediately switched off and consequently the devices are

unplugged. The necessity for energy conservation is circulated both among the staff and the students. If, at times, the students forget to switch off the lights and fans after the classes, the vigilant non-teaching staff immediately takes care to switch these off. The use of generators is reduced to the minimum. Effort has also been initiated to supplant the more energy consumable lamps with modern energy saving CFL lamps and tubes.

- **Use of renewable energy:** None
- **Water harvesting:** None
- **Check dam construction:** Not applicable in the area of the college.
- **Efforts for Carbon neutrality:** In order to maintain the carbon level of the college several steps have been taken like regular plantation of trees and plants, preservation of old trees, declaring the campus as No Smoking and No Plastic Zone etc.
- **Plantation:** Every year tree plantation programme is organized under the aegis of the college NSS Unit. The staff and the students participate in this programme with complete enthusiasm. The Department of Botany plant and maintain the Medicinal Plant Garden located in front of the departmental building.



PHOTO 7.1: TREE PLANTATION PROGRAMME 2014

- **Hazardous waste management:** Hazardous waste is primarily generated in the science laboratories. The respective science departments take proper care to dispose these waste materials
- **e-waste management:** As for e-waste, the agency which has been given AMC to maintain the electronic equipments in the college takes the onus to dispose off the e-waste in some safe place of their choice.

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.

The following innovations have been introduced during the last four years and have created hugely positive impact on the functioning of the college:

- Introduction of complete On-Line admission from 2013-2014 session both in UG and PG courses has turned admission into a hassle-free and less time-consuming process.
- Publication of the college Academic Journal “Conscientia” [ISSN 2278-6554].
- Regular student seminars and internal assessment in each departments.
- Emphasis on dissertation papers and project works in the PG Courses.
- Introduction of UGC Funded Remedial Courses for SC, ST and OBC (non-creamy layer) students and UGC Funded Entry in Services Courses in 2010.
- Organization of Value Based Educational lectures and programmes.
- Organizing invited lecture series in the academic departments by utilizing the CPE Grant.
- Film shows of literary texts in the Department of English.
- Upgrading the Central Library with the installation of LIBSYS software, partial digital cataloguing and installation of the fumigation chambers.
- Introduction of Anti-Ragging Cell and Anti-Ragging Squad as necessary disciplinary measures in 2013.
- Salary of the staff through COSA software.
- Computerized collection of students’ fee and partial digitization of office records.
- Installation of 16 CCTV cameras in different location of the college campus to ensure the security measure within it.

TABLE 7.1: LIST OF VALUE BASED EDUCATIONAL PROGRAMMES

Name of the Programme	Date	Main Speakers
Vivekananda Ratha Yatra	23.09.2013	Swami Shivapremananda, Ramakrishna Mission Yogodyan Math, Kolkata.
International Mother Language Day & Principles and Values of Swami Vivekananda	21.02.2014	Swami Jnanlokananda, Secretary, Ramakrishna Mission Vidyapith, Purulia
		Swami Debrajananda, Ramkrishna Mission Ashram Sarisha



PHOTO 7.2: VIVEKANANDA RATHA YATRA HELD ON 23.09.2013

7.3 Best Practices

7.3.1. Elaborate on any two best practices which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

BEST PRACTICE I

Title of the Practice

Promotion of Research activities among the Teaching Faculty

Goal

In any institution of repute, the teachers must be encouraged to make a proper balance between teaching and research activities. The college has the responsibility to encourage the teachers, both young and experienced, to pursue their research interests in all earnestness. The responsibility of the college lies in creating an ambience conducive to research works, providing

necessary library resources and advanced facilities in the library, encouraging the teachers to apply for research projects from different funding agencies and to publish articles in reputed national/international level journals, to widen the opportunities of research works in the college etc.

The Context

Krishnagar Government College has a tradition of its own. Though situated at a place which is not in close proximity to Kolkata, the college has always been a centre of research activities. There is no modernized library in the city; nor are there any reputed research centres and laboratories. The college has, however, continued to encourage the teachers to pursue their research activities by providing research infrastructure as far as practicable. The effort of the college has always been that teachers must not feel disinterested to pursue their research activities for any reason whatsoever.

The Practice

The following are the major practices related to the promotion of research activities in the college:

- Encouraging the teachers to apply for different research projects, both Major and Minor, from reputed national funding agencies.
- Constitution of two separate Research Committees — one for Science and one for Arts and Social Sciences to monitor the research activities of the teachers.
- Encouraging the teachers to publish papers/articles/chapters in reputed national/international journals and books published from reputed publication houses.
- Upgrading the laboratories of the science departments by utilizing the State Government, UGC and UGC-CPE Grant.
- Embellishing the library with books required for research activities of the teachers. Recently, the college has been granted the INFLIBNET membership which allows the teachers to access a huge number of online journals.
- Offering the scope to the young teachers to publish their articles by publishing the institutional journal “Conscientia”. The journal already has been assigned with an ISSN Number: 2278-6554.
- The teachers in the PG Departments guide the dissertation papers of the PG students. It not only hones the research faculty of the young students but also prepares the teachers as research guides.

Evidence of Success

The positive promotion of research activities of the college has led to the following successful activities:

- More number of teachers is engaged in on-going research activities. At present, 10 teachers have on-going Minor Research projects and 1 teacher has on-going Major Research Project.
- Teachers continue to publish in reputed national/international journals or books published in reputed publication houses. The

following table will give us a profile of teachers' publication during their tenure in Krishnagar Government College:

TABLE 7.2: PUBLICATION LIST (SEP 2008 TO SEP 2014)

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total yearwise publication of the College	11	23	21	52	65	69	49	290
No. of papers published in peer reviewed journals (National/ International) by faculty and students	10	18	13	20	26	36	25	148
No. of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	11	20	12	19	26	40	22	150
Monographs	-	1	-	1	-	1	2	5
Chapter in Books	1	2	2	5	14	20	13	57
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	1	-	1	2
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

- The regular publication of the institutional Academic journal "Conscientia" has generated unprecedented interest among the teachers of the college.

Problems Encountered and Resources Required

In some departments many teaching posts are lying vacant. Teachers of those departments could not concentrate on research activities in complete earnestness. With the on-going recruitment of fresh batch of teachers, this problem is likely to be reduced in the immediate future.

Another problem identified is that being a government college, the college in itself cannot grant any leave to the teachers to pursue their research works. All leaves are sanctioned by the Higher Education Department, Government of West Bengal. The Principal can only forward the application of leaves of the researchers. Sanction of leaves, at times, may be a time consuming process.

The college has upgraded the library and laboratories of different science departments with the grants sanctioned by the state government and UGC. However, there is always a provision for improvement especially in the upgradation of the laboratories. The UGC-CPE Fund is being utilized to publish the college journal. The college must arrange for similar other grants to continue the publication of the journal. Ideally, it would be better if the college can arrange for a separate Research Grant to offer a holistic development in the area of research activities.

Contact Details

Name of the Principal: Prof (Dr.) Jayasri Ray Chaudhuri
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BEST PRACTICE II

Title of the Practice

Introduction of Complete Online Admission Process

Goal

Admission is *the* most important component of an educational institution. The challenge of any educational institution lies in the successful implementation of the entire admission process. There must always be an

effort to make the admission process hassle-free, less time consuming with provisions for lesser errors. Complete Online Admission Process has been initiated to reduce the hassles, human mistakes and labour involved in the Manual Admission Process.

The Context

Though Krishnagar Government College is situated in an urban locality, the students come predominantly from the rural background. The Manual Method of admission process involving off-line form distribution and submission had become the expected mode of Admission. The other colleges in the city and the district also preferred the use of Manual/Offline Method. Our college, however, realized that complete on-line admission process is the reality and there must not be any hesitation in embracing technology in the admission process, not partially but completely. With this positive mindset, the college authority attempted to introduce online admission process and ultimately from the 2013-2014 session, Complete Online Admission process became the reality.

The Practice

Partial Online Admission Process was initiated from 2011-2012 session as the applicants were also allowed to download the application forms along with the traditional offline process of collecting forms from the college. In the next session (2012-2013), applicants were also allowed to submit the forms on-line but the requisite fee has to be deposited in the college. The traditional off-line process also ran simultaneously. However, the college authority soon realized that for effective admission process these are but minor steps; the immediate necessity being the introduction of Complete Online Admissions Process. After many deliberations, debates and discussions, the process finally began its journey in 2013.

In this complete online Admission Process, all admission related notifications are uploaded in the college website. As soon as the results of different +2 examinations are published, the college notifies of the dates in which the applicants can submit the online application forms. Forms can be submitted only on-line in the college website www.krishnagargovtcollege.org. After submitting the forms on-line and taking prints of the “challan” copies the applicants have to pay the requisite fees at any branch of the designated bank (*United Bank of India* in the last two sessions). The technological side of this online admission process is maintained by a competent outsourced agency. Necessary helpdesks are provided in the college campus both by this outsourced agency and the Students’ Union. The Admission Committee monitors the entire process. The entire Merit Panel is prepared Online. It must be noted though that in 2013-2104 session Merit Panel was prepared by the college for both UG and PG courses; but in 2014 only the UG Merit Panel was prepared by the college as the PG Merit Panel was centrally prepared by University of Kalyani.

As per the scheduled dates, open counselling is held in the presence of students, parents, teachers and the members of the Students' Union. The admission and tuition fees are received on-spot and the records are instantly computerized. The admission data are then sent to the Students' Section and the Admission Committee.

Evidence of Success

In spite of the initial reservations, the Complete Online Admission Process has turned out to be a complete success. Our college is the only college in the city and one of the first few colleges in the entire district to embrace this Complete Online Admission Process. This has indeed lessened the rigorous labour involved in the offline process. The entire process has become smoother with less requirement of human-power. It has also become less time consuming for both the staff and the students.

Problems Encountered and Resources Required

Initially, there were reservations from all quarters, about turning the all-important Admission Process completely online. It was argued, not without some justification, that students in remote areas cannot access internet and hence it would not be advisable to turn the entire admission process online. However, it was decided in several meetings, both with the staff and the student representatives that if helpdesk facilities can be introduced in the college, then this problem can be minimized. Moreover, it was argued that, if the students can come to the college to collect and submit forms then they could also move to any cyber-cafe in the city to access the internet. After a series of discussions, the Complete Online Admission process was initiated in 2013.

The basic resource required was regular maintenance of the college website. It was taken care of the agency which has been given the AMC for website maintenance and conducting online admission. The Help Desk facilities are made available in Computer Network Centre in the Department of Mathematics (located in the Main Building). Round the clock Helpdesk facility on mobile phone was activated by the agency to provide constant technological support. Contract is also made with a government sector bank so that applicants can submit the application fees to any branch of the bank. In 2013 and 2014, United Bank of India has been given the said contract.

Contact Details

Name of the Principal: Prof (Dr.) Jayasri Ray Chaudhuri
Name of the Institution: Krishnagar Government College
City: Krishnagar
PIN: 741101
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SECTION E:
Evaluative Reports of the Departments

Evaluative Report of the Department of Bengali

1. Name of the department: **BENGALI**
2. Year of Establishment: 1941
3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D. etc.): UG and PG
4. Names of Interdisciplinary courses and the departments/ units involved: Nil
5. Annual/ semester/ choice based credit system (programme wise):
UG - Annual & PG - Semester
6. Participation of the department in the courses offered by other departments:

Bengali is also offered as a General Subject for the following Honours subjects - English, Political Science, Philosophy, History and Economics. It is also offered as one of the subjects in the B.A. General Course.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	6	1
Assistant Professors		5

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Snigdha Bandyopadhyay	M.A., M.Phil., Ph.D.	Associate Professor	Comparative Literature	UG-23 PG-1	25	Nil
Indrani Goswami	M.A., M.Phil.	Assistant Professor	Comparative Literature	UG-12 PG-3	6	Nil
Dr. Ranku Das	M.A., Ph.D.	Assistant Professor	Rabindra Sahitya	UG-12 PG-8	8	Nil
Dr. Panchanan Mandal	M.A., Ph.D.	Assistant Professor	Aadhunik Kabita	UG-10 PG-9	8	Nil
Dr. Bidyut Kumar Das	M.A., Ph.D.	Assistant Professor	Comparative Literature	UG-7 PG-7	7	Nil
Debahuti Sarkar	M.A.	Assistant Professor	Comparative Literature	UG-1 month PG-1 month	3	Nil
B) PRESENT GUEST FACULTY						
Rajat Biswas	M.A., M.Phil.	Guest Lecturer	Modern Bengali Literature	UG-4 PG-4	2	Nil
B) TRANSFERRED FACULTY						
Dr. Shibsankar Pal	M.A., Ph.D.	Assistant Professor	Novel and Short stories	UG-15 PG-3	14	Nil
Dr. Susobhan Mukhopadhyay	M.A., Ph.D.	Assistant Professor	Comparative Literature	UG-13 PG-2	10	Nil
Dr. Gorachand Mandal	M.A., Ph.D.	Associate Professor	Rabindra-nath	UG-26 PG-4	23	Nil
Nivedita Chakraborty (Dutta)	M.A., M.Phil.	Assistant Professor	Comparative Literature	UG-12 PG-5	10	Nil
Dr. Swarup Bose	M.A. Ph.D.	Assistant Professor	Drama	UG-12 PG-6	10	Nil
Dr. Swapan Kumar De	M.A. Ph.D.	Associate Professor	Linguistics	UG-28 PG-6	29	Nil

11. List of senior visiting faculty: None
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Year	Hons. Class	Gen. Class	PG Class
2008-09	Nil	Nil	Nil
2009-10	Nil	Nil	Nil
2010-11	206	360	320
2011-12	160	216	180
2012-13	76	36	64
2013-14	74	36	66

13. Student-Teacher Ratio (programme wise):

Table 4

Sl. No.	Year	UG (Hons.)	UG (Gen.)	PG
1	2009-2010	11:1	41:1	11:1
2	2010-2011	11:1	40:1	10:1
3	2011-2012	12:1	40:1	12:1
4	2012-2013	15:1	52:1	15:1
5	2013-2014	13:1	40:1	13:1

14. Number of academic support (technical) and administrative staff; sanctioned and filled:

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	0	0
Administrative Staff			
Non-technical Staff	Group-D	1	1

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	4
M.Phil.	2
PG	1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Table 7

Name of the Teacher	Nature of the Project	Duration Year	Name of the funding Agency	Total Grant sanctioned (Rs.)	Grant Received (Rs.)
Indrani Goswami	Minor Research Project	2012 – still continuing	UGC	85,000/-	70,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Table 8

Name of the Teacher	Nature of the Project	Duration Year	Name of the funding Agency	Grant sanctioned (in Rs)	Grant Received (in Rs)
Dr. Panchanan Mandal	Minor Research Project	13.10.2012 to 13.08.2014	UGC	1,37,500/-	1,07,500/- (completed)

18. Research Centre/ facility recognized by the University: None

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 35

Total No. of Permanent Faculty (2008-14) = 6 (Existing) + 6 (Transferred) = 12

Publication per Faculty (2008-14) = $35/12 = 2.9$

Table 9

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	1	2	7	10	9	6	35
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	-	-	-
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	1	-	1	-	1	2	5
Chapter in Books	-	-	1	-	4	2	3	10
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	1	-	-	1
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National Committees b) International committees c) Editorial Boards: Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme: Environmental Project 99%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department:

- Kabi Pinaki Thakur
- Kabi Sibasish Mukhopadhyay

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/ course wise:

Table 10

Name of the Course/ programme (refer question no. 4)	Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
				*M	*F		
UG Hons	2009-10	N.A.	65	32	33	46 (2012)	100%
”	2010-11	N.A.	62	28	34	61 (2013)	96%
”	2011-12	1346	67	23	44	59 (2014)	83%
”	2012-13	1581	67	42	25	Not Yet Appeared	Not Applicable
”	2013-14	1571	70	49	21	Not Yet Appeared	Not Applicable
PG	2009-10	N.A.	51	N.A.	N.A.	32 (2011)	100%
”	2010-11	N.A.	32	N.A.	N.A.	59 (2012)	96%
”	2011-12	358	52	15	37	54 (2013)	91%
”	2012-13	479	67	33	34	N.A.	N.P.
”	2013-14	655	56	23	33	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, N.A. - Not Available, N.P. - Result Not Published

27. Diversity of Students:

Table 11

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100	0	0
PG	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? (Details Not Available)

Table 12

Year	No. of Student (NET/ SLET)	No. of Student (Civil Service)	No. of Student (Defense service)	No. of Student (School Service Commission)
2008-09	Nil	Nil	7	13
2009-10	Nil	1	6	17
2010-11	1	Nil	8	19
2011-12	Nil	2	12	24
2012-13	1	1	9	Nil
2013-14	Nil	2	6	16

29. Student progression:

Table 13

Student progression	Against % enrolled
UG to PG	72%
PG to M.Phil.	06%
PG to Ph.D.	02%
Ph.D. to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	: 25%
Entrepreneurship/ Self-employment	40%

30. Details of Infrastructural facilities

a) **Library:** The Department has a Departmental Library containing more than 1250 text and reference books. We have separate sections for original text books, primary reference books and secondary reference books. Students borrow books from this library regularly.

b) **Internet facilities for Staff & Students:** One computer in the staff common room and other computers with internet facility in the central computer center are used by the teachers and students of our department.

c) **Class rooms with ICT facility:** One computer with internet facility is provided for the use of students through teachers and LCD projector, OHP's are also used in the department.

d) **Laboratories:** Not Applicable.

31. **Number of students receiving financial assistance from college, university, government or other agencies:**

S.C., S.T., Stipend, Minority Stipend, Kanyasree.

Table 14

Year	Full Free studentship (UG)			Half Free Studentship (UG)			Free Studentship (PG)		
	Total	M	F	Total	M	F	Total	M	F
2009-10	07	05	02	06	05	01	06	03	03
2010-11	06	03	03	05	02	03	06	02	04
2011-12	07	01	06	06	04	02	06	03	03
2012-13	07	03	04	06	04	02	06	02	04
2013-14	07	04	03	06	02	04	06	02	04

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

Table 15

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/Speaker
Special Lecture	August, 2011	"Modern Poetry"	UGC-CPE	Poets Pinaki Thakur and Sibashish Mukhopadhyay

33. **Teaching methods adopted to improve student learning:**

- i) Tutorial Class,
- ii) Special Class for S.C., S.T Students, and
- iii) Interaction with Students.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**
Nil

35. SWOC analysis of the department and Future plans:

Though teaching of Bengali in Krishnagar Govt. College has a long and glorious history, we in the department are conscious about our responsibility to take that legacy in to the future. In the era of globalization when language teaching and literature study have taken a new term, we think it fit to renovate our age old schemes of things so that our department can respond to the changes and needs of the time.

Future plans:

- Opening up of M.Phil. course in the immediate future.
- Setting up of a School Service Commission Exam. Training Center.
- Working out tie-up with H.S. School with a view to rendering to H.S. students in need.
- Setting up of a Language Lab. for the study of Comparative Linguistics in collaboration with English, Sanskrit Department.
- We are trying to make the Class Room more technology-based than the lecture-based method of teaching by introduction of LCD projector.
- Regular shows of the films relevant to the syllabus are going on.
- To promote the research activity among student, we divide them into small groups and research topics are given to them. We have plans to publish their work in the College Journal.
- Regular visit to places of literary interest and historical importance are arranged by the department frequently on holidays.

Evaluative Report of the Department of English

1. Name of the department: **ENGLISH**
2. Year of Establishment: 1846
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
 UG (B.A. English Honours and English General)
4. Names of Interdisciplinary courses and the departments/ units involved:
 Nil
5. Annual/ semester/ choice based credit system (programme wise):
 B.A. English Honours: Annual (Part I, Part II and Part III)
6. Participation of the department in the courses offered by other departments:
 English is also offered as a General Subject for the following Honours subjects - Bengali, Political Science, Philosophy, History and Economics. It is also offered as one of the subjects in the B.A. General Course. Students of all programmes have to study Compulsory English in the First Year. Few students of the First Year also opt for Alternative English.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	6	0
Assistant Professors		6

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Sumana Mitra (Joined on 23.12.2011)	M.A.	Assistant Professor	Modern European Classics and Translation	13	2	Nil
Roopamala Saha (Joined on 18.02.2009)	M.A., M.Phil.	Assistant Professor	Romantic and Victorian Literature	7	5	Nil
Dr. Samrat Laskar (Joined on 04.03.2009)	M.A., Ph.D.	Assistant Professor	Language Studies and Ecocriticism	9	7	Nil
Dr. Pulakesh Ghosh (Joined on 10.09.2014)	M.A., M.Phil., Ph.D.	Assistant Professor	Feminism	6	7	Nil
Sambuddha Ghosh (Joined on 13.08.2014)	M.A., M.Phil.	Assistant Professor	Literary Theory and Postcolonial Studies	1	2	Nil
Anindita Halder (Joined on 13.08.2014)	M.A., B.Ed.	Assistant Professor	Children's Literature and American Literature	3	1	Nil
B) TRANSFERRED FACULTY						
Swaty Mitra (Released on 10.08.2011 to join Barasat Govt. College)	M.A., M.Phil.	Assistant Professor	Modern Period	6	12	Nil

Madhumita Barua (Released on 06.01.2012 to join Lady Brabourne College)	M.A., M.Phil.	Assistant Professor	Popular Literature and Detective Fiction	9	6	Nil
C) FACULTY RESIGNED						
Dr. Subhajit Sen Gupta (Released on 21.05.2012 to join Vidyasagar University; he has subsequently resigned from the service)	M.A., Ph.D.	Assistant Professor	Jacobean Literature and Shakespeare	13	14	No Ph.D. guidance during his tenure in this college.

11. List of senior visiting faculty:

None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Name of temporary faculty with Qualification	Designation	Academic Session taught	Programme	Total No. of classes in the Departmental Routine	Total No. of classes taught by temporary faculty	Percentage of lectures delivered
Sri Rajib Saha M.A., M.Phil.	Part Time Lecturer	2009-10	Honours	55	4	7%
			General	10	2	20%
Sri. Srimay Sinha M.A.	Part Time Lecturer	2009-10	Honours	55	4	7%
			General	10	2	20%

13. Student-Teacher Ratio (programme wise):

Table 4

Academic Session	Program	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2009-10	UG Hons.	173	7	25:1
2010-11	UG Hons.	183	5	37:1
2011-12	UG Hons.	191	5	38:1
2012-13	UG Hons.	195	3	65:1
2013-14	UG Hons.	200	3	67:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	2
M.Phil.	2
PG	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

One Minor Research Project ongoing.

Table 7

Principal Investigator	Title of the Project	Funding Agency	Sanction No. with Date	Date of Implementation	Grant Received (in Rs.)
Dr. Samrat Laskar	“Environmental Issues in Contemporary Indian-English Fiction: An Ecocritical Study”	UGC	F. PHW-156/13-14 (ERO) dated 18.03.2014	12.04.2014	2,15,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

One Minor Research Project completed in last six years.

Table 8

Principal Investigator	Title of the Project	Funding Agency	Year of Completion	Grant Received (in Rs)
Dr. Subhajt Sen Gupta	“Shakespeare on Stage and Screen: The Indian Response to the West”	UGC	2012	85,000/-

18. Research Centre / facility recognized by the University: None

19. Publications:

Total No. of Publications of the Department (2008-14, during the teachers' tenure at Krishnagar Government College) = 22

Total No. of Permanent Faculty (2008-14) = 6 (Existing) + 3 (Transferred/Resigned) = 9

Publication per Faculty (2008-14) = $22/9 = 2.4$

Table 9

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	-	3	6	6	3	4	22
No. of papers published in peer reviewed journals by faculty and students	-	-	1	1	1	1	-	4
No. of publications listed in International Database	-	-	-	1	-	-	-	1
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	2	3	2	4	11
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- a) National committees: Nil
- b) International Committees: Nil
- c) Editorial Boards: Two

- Dr. Samrat Laskar is a member of the Editorial Board of *International Studies: Interdisciplinary Political and Cultural Journal*, an international journal published from Poland.
- Smt. Sumana Mitra is a member of the Board of Editors of *Conscientia*, the academic journal of Krishnagar Government College.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students:

➤ Dr. Samrat Laskar's paper "Amitav Ghosh's *The Hungry Tide*: Multilayered Translation and Transcultural Communication." has been included in the curriculum of The Asian Studies (Amitav Ghosh and the New Anthropologists) in York University for the Winter 2014 session.

➤ Dr. Samrat Laskar has won recognition for his creative writings. He is the twice winner of Muse India "Your Space" Prize for the months of September, 2010 and March, 2013.

24. List of eminent academicians and scientists/ visitors to the department:

Table 10

Sl. No.	Name of the Eminent Academician	Designation and Affiliation	Purpose of Visit	Date
1	Dr. Satyaki Pal	Associate Professor, Ramakrishna Mission Residential College, Narendrapur	Delivering UGC-CPE Funded Lecture	22.03.2011

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: One seminar

Table 11

Theme of the Seminar	Level	Funding Agency	Duration
"Revisiting Genre: Text, Discourse, Performance"	National	UGC	10-11 January, 2012

b) International: Nil

26. Student profile programme/ course wise:

Table 12

Name of the Course/ programme English Honours	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
			*M	*F		
2009-2010	562	60	23	37	52 (2012)	98%
2010-2011	1255	60	22	38	51 (2013)	90%
2011-2012	1220	66	28	38	57 (2014)	79%
2012-2013	1186	73	28	45	Not Yet Appeared	Not Applicable
2013-2014	1380	74	38	36	Not Yet Appeared	Not Applicable

*M - Male, *F - Female

27. Diversity of Students:

Table 13

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. English (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

See next page.

Table 14

Name of the Competitive Examination	No. of students passed
NET	4
SET	0
Others (Civil Services, Defence services, etc.)	0

29. Student progression:**Table 15**

Student progression	Against % enrolled
UG to PG	above 90%
PG to M. Phil.	No Data available
PG to Ph. D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed • Campus selection • Other than campus recruitment	No campus recruitment 20%
Entrepreneurship/ Self-employment	No Data available

30. Details of Infrastructural facilities**a) Library:**

The department has a well-stocked Seminar Library. At present, there are 918 books and 39 journals in it. The students are allowed to borrow books for a fortnight.

b) Internet facilities for Staff & Students:

Not Available.

c) Class rooms with ICT facility:

There is no separate classroom with ICT facility. The departmental teachers often make use of the Digital Learning Centre in the Department of Philosophy to show Power Point presentation and film shows of literary texts.

d) Laboratories:

The UGC-CPE Funded Language Laboratory of the department is housed in the Physics Building.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 16

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full Free Studentship	2009-10	06	02	04
	2010-11	03	03	00
	2011-12	08	06	02
	2012-13	08	07	01
	2013-14	07	06	01
Half Free Studentship	2009-10	04	02	02
	2010-11	03	00	03
	2011-12	07	02	05
	2012-13	07	03	04
	2013-14	07	03	04

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Table 17

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/ Speaker
Special Lecture	22.03.2011	“Metaphysical Poetry”	UGC-CPE	Dr. Satyaki Pal
Special Lecture	03.09.2012	“Shakespearean Sonnets”	UGC-CPE	Dr. Subhajit Sengupta
Special Lecture	03.09.2012	“War Poetry”	UGC-CPE	Smt. Madhumita Barua

33. Teaching methods adopted to improve student learning:

- Besides the traditional Lecture (“Chalk and Talk”) Method, the teachers make extensive use of ICT tools like Overhead projectors, screens etc. for power point presentations.
- At times, film shows based on literary texts are arranged in digitally equipped rooms of other departments like Philosophy.
- Student seminars are also organized as per the scheduled routine.
- Weaker students are identified and taken special care in the Tutorial and Remedial Classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The departmental teachers and the students actively participate in different socially relevant programmes like Blood Donation Camp, Thalassaemia Detection Camp, etc. organized by the NSS unit of the college.

35. SWOC analysis of the department and Future plans:

Table 18

Strengths	Weaknesses
<p>☺ Hard working and disciplined students who are willing for all-round excellence.</p> <p>☺ Excellent results in the final University Examination. Every year the students find place in the Merit List of the University of Kalyani.</p> <p>☺ Dedicated teachers who are willing to take extra classes as and when required for the benefit of the students.</p> <p>☺ The teachers prefer adequate ICT enabled teaching-learning in the classrooms beyond the conventional chalk-and-talk method. Film shows of literary texts are arranged in the classrooms.</p> <p>☺ Well-stocked and well-maintained seminar library.</p>	<p>☹ Shortage of teaching staff in the last three years. However, two new teachers have recently joined the department.</p> <p>☹ The department has no separate space of its own. There is only one classroom dedicated specifically for the department.</p>

Opportunities	Challenges
<p>☺ There is opportunity for introducing PG Courses in English in the future if the vacant teaching positions are filled and adequate infrastructural facilities are made available.</p> <p>☺ The teachers are engaged in research activities. There is a scope for bringing in more Research Projects in the near future. The teachers are also encouraged to publish in reputed national/international journals.</p> <p>☺ There is also an opportunity to open Functional English or Communicative English Course in the department.</p>	<p>☹ One of the major challenges is to overcome the acute shortage of teaching staff. Being a government college, the college in itself cannot even recruit any part time teachers.</p> <p>☹ Majority of the students come from rural background fighting with poverty for their daily existence. It is indeed a challenge to motivate them to pursue their studies with complete earnestness. The teachers try their level best to ensure that every student of the department can make optimum use of the resources available in the department.</p>

Future Plans:

- To introduce an add-on course in Functional/Communicative English.
- To open the PG Course subject to adequate teaching strength and necessary infrastructural facilities.
- To apply for more research projects, both Minor and Major by the faculties.
- To organize a National Level seminar in the near future.
- To upgrade the Language Laboratory.

Evaluative Report of the Department of Sanskrit

1. Name of the department: **SANSKRIT**
2. Year of Establishment: 1846
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG (B.A. Sanskrit Honours and Sanskrit General)
4. Names of Interdisciplinary courses and the departments/ units involved:
Nil
5. Annual/ semester/ choice based credit system (programme wise):
B.A. Sanskrit Honours: Annual (Part I, Part II and Part III)
6. Participation of the department in the courses offered by other departments:
Sanskrit is also offered as a General Subject for the following Honours subjects - Bengali, History, Philosophy and Economics. It is also offered as one of the subjects in the B.A. General Course.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	4	0
Assistant Professors		4

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Sanchita Kundu (Joined on 01.09.2009)	M.A., M.Phil.	Assistant Professor	Samkhya-Yoga	5	6	Nil
Soma Bandyopadhyay (Joined on 01.02.2010)	M.A., M.Phil.	Assistant Professor	Literature	4	4	Nil
Pitambar Nirala (Joined on 09.10.2014)	M.A.	Assistant Professor	Panini Grammar	1	-	Nil
Moumita Mondal (Joined on 09.10.2014)	M.A.	Assistant Professor		0	1	Nil
B) PRESENT FACULTY (PART TIME)						
Sirazul Islam (Joined on 01.01.2009)	M.A.	Part Time Lecturer	Philosophy	41	-	Nil
Anamika Adhikari Bhattacharya (Joined on 07.08.2007)	M.A., M.Phil.	Part Time Lecturer	Vedanta	5	2	Nil
C) TRANSFERRED FACULTY						
Dr. Sudipta Pramanik (Released on 20.12. 2012 to join Sanskrit College)	M.A, Ph.D.	Assistant Professor	Nyaya Vaisesika	9	11	Nil

11. List of senior visiting faculty:

None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Name of temporary faculty with Qualification	Designation	Academic Session taught	Total No. of classes in the Departmental Routine	Total No. of classes taught by temporary faculty	Percentage of classes taught by temporary faculty
Sirazul Islam, M.A.	Part Time Lecturer	2010-11	47	7	15%
		2011-12	71	10	14%
		2012-13	72	10	14%
Anamika Adhikari Bhattacharya, M.A., M.Phil.	Part Time Lecturer	2010-11	47	5	11%
		2011-12	71	10	14%
		2012-13	72	10	14%

13. Student-Teacher Ratio (programme wise):

Table 4

Academic Session	Program	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2013-14	UG Hons.	212	4	53:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	-
M.Phil.	3
PG	3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: None

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: None

18. Research Centre/ facility recognized by the University: None

19. Publications:

Total No. of Publications of the Department (2008-14, during the teachers' tenure at Krishnagar Government College) = 2

Total No. of Permanent Faculty (2008-14) = 4 (Existing) + 1 (Transferred) = 5

Publication per Faculty (2008-14) = $2/5 = 0.4$

Table 7

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	-	-	-	1	-	1	2
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	-	-	-
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	-	-
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees: Nil

b) International Committees: Nil

c) Editorial Boards: Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department: Nil

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

Table 8

Title of the Seminar	Level	Funding Agency	Duration/ Year	Organised by
“Kalidas and Bhavabhuti”	State Level	UGC sponsored	18-19 Novermber, 2011	Nabadwip Vidayasagar College (host Institution) in collaboration with Department of Sanskrit, Krishnagar Govt. College

b) International: Nil

26. Student profile programme/ course wise:

Table 9

Name of the Course/ programme Sanskrit Honours	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
			*M	*F		
Academic Session						
2009-10	498	55	24	31	56 (2012)	98%
2010-11	618	66	22	42	67 (2013)	100%
2011-12	650	66	57	09	57 (2014)	96%
2012-13	741	73	37	36	Not Yet Appeared	Not Applicable
2013-14	685	73	22	51	Not Yet Appeared	Not Applicable

*M - Male, *F - Female

27. Diversity of Students:

Table 10

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. Sanskrit (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 11

Name of the Competitive Examinations	No. of students passed
NET	1
SET	0
Others (Civil Services, Defense services, etc.)	0

29. Student progression:

Table 12

Student progression	Against % enrolled
UG to PG	above 85%
PG to M.Phil.	No Data available
PG to Ph.D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed	
• Campus selection	No campus recruitment
• Other than campus recruitment	No Data available
Entrepreneurship/ Self-employment	No Data available

30. Details of Infrastructural facilities

- a) **Library:** The department has a Seminar Library. At present, there are 455 books in it.
- b) **Internet facilities for Staff & Students:** Not Available.
- c) **Class rooms with ICT facility:** There is no separate classroom with ICT facility.

d) Laboratories:

Not Applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 13

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full Free Studentship	2010-2011	08	04	04
	2011-2012	08	03	05
	2012-2013	07	04	03
	2013-2014	06	03	03
Half Free Studentship	2010-2011	08	04	04
	2011-2012	08	01	07
	2012-2013	08	03	05
	2013-2014	08	03	05

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning:

The traditional Lecture Method is preferred in the classroom lectures. Weaker students are identified and taken special care in the Tutorial and Remedial Classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The departmental teachers and the students actively participate in different socially relevant programmes like Blood Donation Camp, Thalassemia Detection Camp etc organized by the NSS unit of the college.

35. SWOC analysis of the department and Future plans:

Table 14

Strengths	Weaknesses
<p>😊 Sincere, hard-working and disciplined students.</p> <p>😊 Extra classes are taken to cater to the necessity of the students.</p>	<p>😞 Shortage of teaching staff in the last three years. However, two new teachers have recently joined the department.</p> <p>😞 The department has no separate space of its own.</p>
Opportunities	Challenges
<p>😊 There is opportunity for introducing PG Courses in Sanskrit in the future if the vacant teaching positions are filled and adequate infrastructural facilities are made available.</p> <p>😊 There is a scope for bringing in Research Projects for the teachers in the near future.</p>	<p>🔴 One of the major challenges is to overcome the acute shortage of teaching staff.</p>

Future Plans:

- To open the PG Course subject to adequate teaching strength and necessary infrastructural facilities.
- To apply for research projects, both Minor and Major by the faculties.
- To organize a National Level seminar in the near future.

Evaluative Report of the Department of History

1. Name of the department:

HISTORY

2. Year of Establishment:

From the beginning (1846) History was taught as a subject. As a separate Honours Department, it was organized in 1918.

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):

UG Course - Honours & General

4. Names of Interdisciplinary courses and the departments/ units involved:

Nil

5. Annual/ semester/ choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments:

History is also offered as a General Subject for the following Honours subjects - Bengali, English, Sanskrit, Political Science, Philosophy and Economics.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil

8. Details of courses / programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	5	1
Assistant Professors		3

Against One Vacant Post three part time teachers are engaged.

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Jayasree Mukhopadhyay (HOD)	M.A., Ph.D.	Associate Professor	Modern India	26	28	One
Dr. Chaitali Chaudhuri	M.A., Ph.D.	Assistant Professor	Modern India	14	16	Nil
Anjan Saha	M.A.	Assistant Professor	Modern India & World India	7	Completed Ph.D. course work, awaiting for registration	Nil
Sanjukta Sanyal	M.A.	Assistant Professor	Modern India	-	-	Nil
B) PRESENT FACULTY (PART TIME)						
Swagata Dey	M.A., B.Ed.	Part time Lecturer	Medieval India	11	-	Nil
Tirtha Sarkar	M.A., B.Ed.	Part time Lecturer	Modern India	9	-	Nil
Ranjit Nandi	M.A., M.Phil.	Part time Lecturer	Modern India	7	-	Nil
C) FACULTY ON LIEN						
Dr. Md. Shamim Firdaus	M.A., Ph.D.	Assistant Professor	Medieval India	6	10	Nil
D) TRANSFERRED FACULTY						
Probal Bagchi	M.A.	Associate Professor	Modern India	19	5	Nil
Balaram Das	M.A.	Assistant Professor	Modern India	6	To submit Ph.D. Thesis shortly	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Name of temporary faculty	Academic Session taught	Programme	Total No. of Classes per week (Theory)	No. of Classes taken per week (Theory)	% of Lectures delivered
Swagata Dey	2009-10	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2010-11	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2011-12	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2012-13	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%
	2013-14	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%
Tirtha Sarkar	2009-10	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2010-11	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2011-12	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2012-13	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%
	2013-14	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%
Ranjit Nandi	2009-10	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2010-11	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%
	2011-12	IH	20	2	10%
		IIH	20	2	10%
		IIIH	20	3	15%

Table contd. on next page.

Table 3 (contd.)

Name of temporary faculty	Academic Session taught	Programme	Total No. of Classes per week (Theory)	No. of Classes taken per week (Theory)	% of Lectures delivered
Ranjit Nandi	2012-13	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%
	2013-14	IH	20	2	10%
		IIH	20	2	10%
		IIIH	22	3	15%

13. Student-Teacher Ratio (programme wise):

Table 4

Session	No. of Students	No. of Teachers	Student-Teacher Ratio
2009-10	147	7	20:1
2010-11	174	8	22:1
2011-12	186	6	30:1
2012-13	202	5	40:1
2013-14	213	7	30:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	3
M.Phil.	1
PG	3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

a) National: **One Minor Research Project** ongoing.

Table 7

Name of the Teacher	Title of the Project	Duration Year	Funding Agency	Grant sanctioned (in Rs)	Grant Received (in Rs)
Dr. Chaitali Chaudhuri	“Modern review and the Making of Modern Indian Mind”	2012 onwards	ICHR	2,50,000/	1,25,000/

b) International: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: See **Table 7**

18. Research Centre / facility recognized by the University: Nil

19. Publications:

Total No. of Publications (2008-14, during the teachers’ tenure at Krishnagar Government College) = 19

Total No. of Permanent Faculty (2008-14) = 5 (Existing/On Lien) + 2 (Transferred) = 7

Publication per Faculty (2008-14) = $19/7 = 2.7$

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	1	1	6	3	7	1	19
No. of papers published in peer reviewed journals by faculty and students	-	-	-	2	-	-	-	2
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	2	2	6	1	11
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

➤ Jayasree Mukhopadhyay is a Member of the Executive Committee of Paschimbanga Itihas Sansad & Institute of Historical Studies, Kolkata

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department: Nil

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/ course wise:

Table 9

Name of the Course/ programme	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass Percentage
			*M	*F		
History Honours						
2009-10	NA	57	36	21	53 (2012)	92%
2010-11	NA	62	39	23	58 (2013)	93%
2011-12	874	67	36	31	57 (2014)	96%
2012-13	777	73	50	23	Not Yet Appeared	Not Applicable
2013-14	582	73	60	13	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, NA - Not Available

27. Diversity of Students:

Table 10

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. History (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

No detailed record is available with the department. However, a good number of students have been pursuing higher studies and have been appointed in different services.

29. Student progression:

Table 11

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	10%
PG to Ph.D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed • Campus selection • Other than campus recruitment	No detailed record is available.
Entrepreneurship/ Self-employment	No detailed record is available.

30. Details of Infrastructural facilities

- Library:** The college has an excellent well-stacked library, in addition to the departmental seminar library (about 230 books).
- Internet facilities for Staff & Students:** Only for teachers.
- Class rooms with ICT facility:** No
- Laboratories:** Not Applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 12

Year	Full Free Studentship			Half Free Studentship		
	Total	Male	Female	Total	Male	Female
2009-10	8	6	2	8	5	3
2010-11	5	2	3	6	3	3
2011-12	8	4	4	8	5	3
2012-13	8	3	5	8	7	1
2013-14	7	5	2	7	7	0

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

- a) Seminars – UGC-CPE funded seminar (Speakers – Dr. Amit Dey, Dr. Suchandra Ghosh)
- b) Special Lectures – e.g. on Swami Vivekananda, Thalassaemia etc
- c) NSS programme in nearby rural areas
- d) Games and sports

33. Teaching methods adopted to improve student learning:

Normally lecture with chalk duster method is followed. There are also group discussions, tutorials, home assignments, class tests and educational tours. Teachers are available beyond class hours and during vacations.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Students participate in extension activities like environment projects, medical camps, rural development work etc.

35. SWOC analysis of the department and Future plans:

As the college is affiliated to Kalyani University which controls the syllabus and examination system, the History Department does not enjoy a free hand in syllabus orientation and evaluation. We have neither separate class rooms for our students nor a separate staff room for our teachers. We also do not have separate space for the departmental seminar library. We have a laptop but we do not have a proper computer room of our own. Our non-teaching staff is nil. Nevertheless, our main strength lies in our sincere dedicated faculty members with industrious and enterprising students. Though many of our students come of economically challenged families of rural areas, they do not lack enthusiasm for curricular and extra-curricular activities. We plan to introduce smart class rooms with LCD projector and computers. We encourage students to participate in group discussions to develop their intrinsic qualities. We plan to publish a departmental journal with writings from students and teachers provided funds are available. We also like to take our students to historical sites to give into them a proper insight into historical events. But as many students come of poor families special financial assistance is required for this purpose.

Evaluative Report of the Department of Philosophy

1. Name of the department: **PHILOSOPHY**
2. Year of Establishment: 1846
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG (Hons. & Gen.) and PG
4. Names of Interdisciplinary courses and the departments/ units involved:
Nil
5. Annual/ semester/ choice based credit system (programme wise):
 - (B.A. Philosophy Honours) : Annual (Part I, Part II and Part III)
 - Post Graduate : Semester (3rd Semester)
 - Post Graduate : CBCS (1st Semester)
6. Participation of the department in the courses offered by other departments:
Philosophy is also offered as a General subject for the following Honours subjects - Bengali, English, Sanskrit, History and Political Science.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching Posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	6	1
Assistant Professors		4

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Srimati Mukherjee (Joined on 01.10.2013)	B.Ed., Ph.D.	Associate Professor	Logic, Contemporary Indian Philosophy	27	30	Nil
Dr. Susmita Bhattacharya (Joined on 01.10.2013)	M.A. Ph.D.	Assistant Professor	Existentialism, Comparative Religion, Contemporary Indian Philosophy	05	14	Nil
Swati Bhattacharya (Joined on 04.12.2013)	M.A., B.Ed.	Assistant Professor	Logic (Indian and Western)	05	13	Nil
Edha Chakrabarti (Joined on 30.07.2014)	M.A.	Assistant Professor	Western Logic and Metaphysics	01	04	Nil
Maumita De (Joined on 30.07.2014)	M.A., M.Phil.	Assistant Professor	Western Logic, Mathematical Logic	01	1.5	Nil
B) PRESENT SENIOR GUEST FACULTY						
Prof. Nabakumar Nandi	M.A.	Retd. Professor, Presidency College				
Prof. Mrinal Kanti Chakraborty	M.A.	Retd. Professor, Berhampore College				
C) TRANSFERRED FACULTY						
Dipa Goswami (Released on 22.04.2010)	M.A., M.Phil.	Assistant Professor	Western Logic, Applied Ethics	08	05	Nil
Utpal Mandal (Released on 22.01.2013)	M.A., M.Phil. B.Ed.	Assistant Professor	Logic	18	04	Nil
Dr. Sankalita Ghosh (Released on 28.10.2013)	M.A., M.Phil., Ph.D.	Assistant Professor	Vedanta Philosophy	08	08	Nil

Table 2 (contd.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
C) TRANSFERRED FACULTY						
Preetam Ghoshal (Released on 30.11.2013)	M.A., M.Phil.,	Assistant Professor	Indian Philosophy, Vedanta and Mimamsa	08	08	Nil
Mithu Sinha Ray (Released on 28.09.2013)	M.A., M.Phil.	Assistant Professor	Psychology, Western Ethics	09	06	Nil
Dr. Tamoghna Sarkar (Released on 26.07.2014)	M.A., Ph.D.	Assistant Professor	Metaphysics, Philosophical Logic, Indian Philosophy	04	04	Nil
Irani Sil (Released on 20.09.2014)	M.A., M.Phil.	Assistant Professor	Logic, Feminist Epistemology	05	Nil	Nil

11. List of senior visiting faculty (existing): 02 (Table 2)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Name of temporary faculty	Academic Session taught	Programme	Total No. of Classes per week	No. of Classes taken per week	% of Lectures delivered
			(Theory)	(Theory)	
Prof. Nabakumar Nandi, Retd. Professor, Presidency Coll.	2009-10	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2010-11	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2011-12	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2012-13	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2013-14	UG Hons.	60	2	3.3
		PG	140	4	2.8

Prof. Mrinal Kanti Chakraborty, Retd. Prof., Berhampore College	2009-10	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2010-11	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2011-12	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2012-13	UG Hons.	60	2	3.3
		PG	140	4	2.8
	2013-14	UG Hons.	60	2	3.3
		PG	140	4	2.8

13. Student-Teacher Ratio (programme wise):

Table 4

Year	Programme	Total No. of Students	Total No. of Teachers (Full time + Guest)	Student-Teacher Ratio
2009-10	UG (Hons.)	153	6+5 = 11	14:1
	PG	126	6+5 = 11	11:1
2010-11	UG(Hons.)	152	6+3 = 9	17:1
	PG	124	6+3 = 9	14:1
2011-12	UG(Hons.)	179	6+3 = 9	20:1
	PG	127	6+3 = 9	14:1
2012-13	UG(Hons.)	159	5+3 = 8	20:1
	PG	129	5+3 = 8	16:1
2013-14	UG(Hons.)	162	5+3 = 8	20:1
	PG	120	5+3 = 8	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	0	0
Administrative Staff			
Non-technical Staff	Group-D	0	1

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	2
M.Phil.	1
PG	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Table 7

Name of the Teacher	Nature of the Project	Duration Year	Name of the funding Agency	Grant sanctioned (in Rs)	Grant Received (in Rs)
Dr. Sankalita Ghosh	Minor Research Project	2011-2013	UGC (dt. 01.11.2011)	86000	86000 (completed)
Dr. Preetam Ghoshal	Minor Research Project	2011-2013	UGC (PHW-122/11-12, dt. 02.08.2011)	86000	75500 (completed)

18. Research Centre / facility recognized by the University: Nil

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 9, Total No. of Permanent Faculty (2008-14) = 5 (Existing) + 7 (Transferred) = 12, Publication per Faculty (2008-14) = $9/12 = 0.75$

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	-	-	-	1	1	7	9
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	-	4	4
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	1	1
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	1	1
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil
21. Faculty as members in
a) National committees, b) International Committees, c) Editorial Boards: Nil
22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/ programme:
100% students of Part I have successfully completed Environmental Projects as per the guidelines of the affiliating university.
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil
23. Awards / Recognitions received by faculty and students:
Data Not Available
24. List of eminent academicians and scientists/ visitors to the department:
- Professor Roma Chakraborty, Professor, Calcutta University
 - Professor Subir Ranjan Bhattacharya, Professor, Calcutta University
 - Professor Rupa Bandhyopadhyay, Professor, Jadavpur University
 - Professor Gopal Chandra Khan, Burdwan University
 - Professor Dipak Kumar Bagchi, K. N. College, Berhampore
 - Professor Abhik Bandyopadhyay, Scottish Church College
 - Professor Pradyot Kumar Mondal, Burdwan University
 - Professor Mamata Bandyopadhyay, Burdwan University
 - Professor Raghunath Ghosh, North Bengal University
 - Professor Lopamudra Chowdhuri, Professor, Jadavpur University
 - Professor Smita Sarkar, Professor, Jadavpur University
25. Seminars/ Conferences/ Workshops organized & the source of funding
a) National:

Table 9

Title of the Seminar	Level	Funding Agency	Duration/ Year	Organised by
“The Bhakti Movement and Sufism of the 15 th and 16 th Centuries : Their Socio-Economic Roots and Impacts on Socio-Political Life in General”	National	UGC	2008	Department of Philosophy
“Perspectives on Person and Personal Identity”	National	UGC	14-15 December, 2011	Department of Philosophy, in collaboration with Ranaghat College

b) International:

Nil

26. Student profile programme/ course wise:

Table 10

Name of the Course/ programme (refer question no. 4)	Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
				*M	*F		
UG Hons	2009-10	645	60	N.A.	N.A.	42 (2012)	85%
"	2010-11	593	60	N.A.	N.A.	46 (2013)	80%
"	2011-12	524	60	26	34	41 (2014)	70%
"	2012-13	767	53	27	26	Not Yet Appeared	Not Applicable
"	2013-14	563	51	27	24	Not Yet Appeared	Not Applicable
PG	2009-10	N.A.	60	N.A.	N.A.	41 (2011)	100%
"	2010-11	N.A.	60	N.A.	N.A.	66 (2012)	95%
"	2011-12	237	66	31	35	41 (2013)	100%
"	2012-13	305	66	37	29	32 (2014)	94%
"	2013-14	232	52	18	34	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, N.A. - Not Available.

27. Diversity of Students:

Table 11

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. Philosophy (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 12

Name of the Competitive Examinations	No. of students passed	Qualifying Year
NET	01	2013
SET	0	-
Others (Civil Services, Defense services, etc.)	0	-

29. Student progression:

Table 13

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil.	No Data available
PG to Ph.D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	No campus recruitment 10%
Entrepreneurship/ Self-employment	No Data available

30. Details of Infrastructural facilities

a) Library:

The department has a well-stocked Seminar Library. At present, there are near about 1350 books in it. The students are allowed to borrow books for a fortnight.

b) Internet facilities for Staff & Students:

2 Computers with internet facility.

c) Class rooms with ICT facility:

01 (Digital Learning Classroom).

d) Laboratories: Nil

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 14

Name of the Scholarship	Year	No. of Students receiving financial assistance			
		M		F	
		UG	PG	UG	PG
College (Full Free)	2008-09	No Data Available			
	2009-10	02	01	02	03
	2010-11	04	03	02	04
	2011-12	02	05	04	01
	2012-13	03	02	03	04
	2013-14	03	05	03	01
College (Half Free)	2008-09	No Data Available			
	2009-10	03	04	01	01
	2010-11	01	01	05	03
	2011-12	04	05	05	02
	2012-13	04	04	05	03
	2013-14	07	05	02	02

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Table 15

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/Speaker
Special Lecture	24.11.2011	Western Logic	College	Prof. Subir R. Bhattacharya

- The Department organises a number of lectures by eminent scholars (guest lecturers) from different relevant fields.
- Remedial Classes are taken by the faculty members. Weak and underprivileged students are being specially cared for.
- Faculty members grade class work and homework of the students. This promotes formative assessment and helps students develop in a constructive way.
- The Department takes an initiative to publish wall magazines so that the students can develop their writing skill. It also helps enhance understanding and develop responsibilities towards larger social and cultural issues prevalent in the recent time.
- Students' seminars, debates, group discussions are organised regularly. Students participate in these activities in large number.
- Above all, value orientation and personal care are the measures constantly pursued by the faculty members.
- Departmental Notice Board exhibits the names of the students who attain ranks, qualify for scholarship to motivate other students.

33. Teaching methods adopted to improve student learning:

- The main teaching method followed is chalk and talk method. Interactive opportunity is always provided.
- Varied teaching learning methods such as discussion, class tests, special classes, tutorials and questioning techniques are also incorporated.
- Various audio and audio visual aids are extensively used.
- We have unique facility of digital class room. It also helps the students enjoy teaching learning in a different dimension.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Students of our department actively participate in NSS programme in large number.
- Students under the leadership of a faculty member of our Department are made aware of the surroundings of the college. They submit a project report on their findings in respect of various environmental issues, hazards and restoration of ecology.
- Students join in awareness programmes organised by the college authority on health hazards such as Thalassemia awareness programme.
- They actively participate in the commemorative lectures and also participate in the seminars on value education and ideal of life organised in association with external organisations.

35. SWOC analysis of the department and Future plans:

Table 16

Strengths	Weaknesses
<p>☺ A group of highly qualified, motivated faculty members. They are competent enough to teach fundamental aspects of the subject which are enhanced by research, practice and analysis of care and distinct areas of specialisation. They demonstrate their expertise and commitment in each and every aspect.</p> <p>☺ Students are very promising. They have keen interest in the subject. They make the teaching learning process in the class room situation alive.</p> <p>☺ The department comprises of female students majority in</p>	<p>☹ Students who after being graduated from this college wish to study in post graduate level in this institution creates a disproportionate level of responsibilities and demands on the faculty members.</p> <p>☹ Due to lack of sufficient number of posts sanctioned in the department, the faculty is subject to excessive work loads. Consequently, students receive attention though sufficient, appears less than the level the faculty deems appropriate and ideal.</p> <p>☹ For poor external infrastructural support such as lack of transport facility, excessive socio-economic pressure towards other commitments,</p>

<p>number. Ambience is always maintained keeping in mind the point of stress on women empowerment.</p>	<p>sometimes students fail to respond to their class assignments perfectly.  There is no Group-C staff exclusive for our department.</p>
Opportunities	Challenges
<p> Good infrastructure.  Availability of a digital class room.  Very cooperative student body.</p>	<p> To pursue quality teaching by creating meaning and relevance in teaching learning situation with limited resources.  To maintain an ambience fully comfortable for the female students.  To provide special support to the students of minority and underprivileged group.  To adopt strategies which would help the department rest assured that the way we teach is appropriate. It will be a further impetus to over endeavour.</p>

Future Plans:

The Department aims at focussing on the following points:

- Post-creation (teaching and non-teaching).
- More updated, improved outlook in class room presentation.
- More reflection on the relevance of the curriculum.
- Invention of resources.
- Scope for interdisciplinary studies.

Evaluative Report of the Department of Political Science

1. Name of the department: **POLITICAL SCIENCE**
2. Year of Establishment: 1952
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):

UG (B.A. Political Science Honours and Political Science General)

4. Names of Interdisciplinary courses and the departments/ units involved:

Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science.

5. Annual/ semester/ choice based credit system (programme wise):

B.A. Political Science Honours: Annual (Part I, Part II and Part III)

6. Participation of the department in the courses offered by other departments:

Political Science is offered as a General Subject for the following Honours subjects - Bengali, History, Philosophy and Economics. It is also offered as one of the subjects in the B.A. General Course.

7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil

8. Details of courses/ programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	4	0
Assistant Professors		4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Anil Kumar Biswas (Joined on 06.01.2014)	M.A.	Assistant Professor	Public Administration	9	6	Nil
Nabamita Barman (Joined on 06.06.2009)	M.A.	Assistant Professor	Indian State and Society	5	3	Nil
Puja Gurung (Joined on 20.09.2010)	M.A.	Assistant Professor	Political Thought and Theory	4	2	Nil
Asis Mistry (Joined on 08.08.2014)	M.A.	Assistant Professor	State Politics	4	3	Nil
B) TRANSFERRED FACULTY						
Ganapati Bhattacharyya (Released on 10.08.2011 to join Barasat Government College)	M.A., M.Phil.	Associate Professor	Comparative Politics	24	20	Nil
Manoj Kumar Halder (Released on 06.01.2014 to join A. B. N. Seal College)	M.A.	Assistant Professor	Local Govt. and Politics	9	6	Nil

11. List of senior visiting faculty:

None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Not Applicable.

13. Student-Teacher Ratio (programme wise):

Table 3

Academic Session	Program	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2013-14	UG Hons.	159	3	53:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 4

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 5

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	0
M.Phil.	0
PG	4

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Table 6

Principal Investigator	Title of the Project	Funding Agency	Sanction No. with Date	Status
Anil Kumar Biswas	“Participatory Local Governance and Development: A case study of two selected Gram Panchayat of the district of Coochbehar of West Bengal”	UGC	F.PHW-089/10-11 (ERO), dt. 21-10-2010	On-going

Nabamita Barman	“Empowerment of Scheduled Castes Women through Reservation in Panchayati Raj Institution: A case study of the district of North 24 Paraganas”	UGC	-	On-going
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17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: None

18. Research Centre / facility recognized by the University: None

19. Publications:

Total No. of Publications of the Department (2008-14, during the teachers' tenure at Krishnagar Government College) = 1

Total No. of Permanent Faculty (2008-14) = 4 (Existing) + 2 (Transferred) = 6

Publication per Faculty (2008-14) = $1/6 = 0.2$

Table 7

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	-	-	-	1	-	-	1
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	-	-	-
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	-	-
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- a) National committees: Two
- b) International Committees: Nil
- c) Editorial Boards Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department:

Table 8

Sl. No.	Name of the Eminent Academician	Designation and Affiliation	Purpose of Visit	Date
1	Dr. Prabir Kumar Dey	Professor	Deliver a lecture on "Women in Rural Governance: Problems and Prospects"	19.02.2014

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/ course wise:

Table 9

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
			*M	*F		
Political Science Honours						
2009-10	315	43	27	16	42 (2012)	78%
2010-11	375	47	26	21	38 (2013)	86%
2011-12	487	55	32	23	42 (2014)	83%
2012-13	277	61	33	28	Not Yet Appeared	Not Applicable
2013-14	217	61	35	26	Not Yet Appeared	Not Applicable

*M - Male, *F - Female

27. Diversity of Students:

Table 10

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. Political Science (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

See next page.

Table 11

Name of the Competitive Examinations	No. of students passed
NET	0
SET	0
Others (Civil Services, Defense services, etc)	Data Not Available

29. Student progression:

Table 12

Student progression	Against % enrolled
UG to PG	above 90%
PG to M. Phil.	No Data available
PG to Ph. D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed	No campus recruitment
• Campus selection	
• Other than campus recruitment	20%
Entrepreneurship/Self-employment	No Data available

30. Details of Infrastructural facilities

a) Library:

The department has a Seminar Library. At present, there are 212 books in it.

b) Internet facilities for Staff & Students: Not Available.

c) Class rooms with ICT facility:

There is no separate classroom with ICT facility.

d) Laboratories: Not Applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 13

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full Free Studentship	2010-11	08	06	02
	2011-12	06	03	03
	2012-13	06	03	03
	2013-14	07	05	02
Half Free Studentship	2010-11	01	01	00
	2011-12	07	03	04
	2012-13	07	06	01
	2013-14	04	04	00

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

Table 14

Sl. No.	Name of the Eminent Academician	Designation and Affiliation	Purpose of Visit	Date
1	Dr. Prabir Kumar Dey	Professor	Deliver a lecture on "Women in Rural Governance: Problems and Prospects"	19.02.2014

33. Teaching methods adopted to improve student learning:

The traditional Lecture Method is preferred in the classroom lectures. Weaker students are identified and taken special care in the Tutorial and Remedial Classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The departmental teachers and the students actively participate in various social programmes organized by the college and other organizations.

35. SWOC analysis of the department and Future plans:

Table 15

Strengths	Weaknesses
<p>☺ Sincere, hard-working and disciplined students.</p> <p>☺ Extra classes are taken to cater to the necessity of the students.</p>	<p>☹ Shortage of teaching staff in the last six years. However, one new teacher has recently joined the department.</p> <p>☹ The department has no separate space of its own.</p>
Opportunities	Challenges
<p>☹ There is a scope for bringing in more Research Projects for the teachers in the near future.</p>	<p>🔴 One of the major challenges is to overcome the acute shortage of teaching staff.</p>

Future Plans:

- To apply for research projects, both Minor and Major by the faculties.
- To organize a National Level seminar in the near future.

Evaluative Report of the Department of Economics

1. Name of the department: **ECONOMICS**
2. Year of Establishment: 1941
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
 UG (B. Sc Economics Honours and Economics General)
4. Names of Interdisciplinary courses and the departments/ units involved:
 Nil
5. Annual/ semester/ choice based credit system (programme wise):
 B.Sc. Economics Honours: Annual (Part I, Part II and Part III)
6. Participation of the department in the courses offered by other departments:
 Economics is offered as a General Subject for the following Honours subjects - Bengali, English, Sanskrit, Political Science, History and Geography. It is also offered as one of the subjects in the B.Sc. General Course.
7. Courses in collaboration with other universities, industries, foreign institutions, etc:
 Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	4	1
Assistant Professors		3

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Anupam Chakraborti	M.A., Ph.D.	Associate Professor	Population Economics	28	25	Nil
Joyjit Dhar	M.A., M.Phil.	Assistant Professor	Econometrics & Mathematical Economics	14	07	Nil
Parag Chandra	M.A.	Assistant Professor	Econometrics	13	05	Nil
Arindam Jana	M.Sc., M.Phil.	Assistant Professor	Econometrics & Statistics	03	02	Nil
B) TRANSFERRED FACULTY						
Ujjwal Chattopadhyay (Transferred to Hooghly Mohsin College)	M.A., M.Phil.	Associate Professor	Statistics and Econometrics	26	16	Nil
Anjan Ray Chaudhuri (Transferred to Goenka College of Commerce)	M.Sc.	Assistant Professor	International Economics	12	9	Nil
Mousumi Bhar (Transferred to Hooghly Mohsin College)	M.Sc.	Assistant Professor	Agricultural Economics	12	11	Nil

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student-Teacher Ratio (programme wise):

Table 3

Academic Session	Program	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2013-14	UG Hons.	48	4	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 4

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 5

Highest	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	–
Ph.D.	1
M.Phil.	1
PG	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre / facility recognized by the University: None

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 13

Total No. of Permanent Faculty (2008-14) = 4 (Existing) + 3 (Transferred) = 7

Publication per Faculty (2008-14) = $13/7 = 1.8$

Table 6

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total yearwise publication of the Dept.	1	-	-	-	2	5	5	13
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	2	4	6
No. of publications listed in International Database	1	-	-	-	1	2	5	9
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	1	-	-	-	1	2	1	5
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees: Nil

b) International Committees: Nil

c) Editorial Boards: One

➤ Dr. Anupam Chakraborti is a member of UG Board of Studies, University of Kalyani.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university. Projects have been done on the following issues:

i) Foreign Institutional Investment, Indian Stock Market

ii) Self Help Group, Bank-Linkage programme, Employment generation

iii) Performance of Indian Telecom Industry

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students:

Dr. Anupam Chakraborti has received the following awards:

i) Best Actor - International French Drama Festival Organised by Alliance Francaise de Dhaka, Bangladesh, April, 2009.

ii) Best Actor - 16th Poona Bengali Theatre Festival Organised by Dishari, Puna, November, 2009.

24. List of eminent academicians and scientists / visitors to the department:

During the National Seminar on “Labour and Employment: Theory and Emperics” on 27th September, 2013, many eminent economists and academicians were present in the college. The Department is honoured to mentioned their names as under:

- Prof. Debendra Nath Bhattacharyya, Former Professor of Economics, The University of South Pacific and Professor & Director, Apex Management Institute, West Bengal.
- Prof. Raj Kumar Sen, Chairman, IIDS, Kolkata.
- Prof. Biswajit Chatterjee, Deptt. of Economics, Jadavpur University.

25. Seminars/ Conferences/ Workshops organized & the source of funding:

a) National: One seminar

Table 7

Theme of the Seminar	Level	Funding Agency	Duration
“Labour and Employment: Theory and Emperics”	National	ICSSR	27 September, 2013

b) International: Nil

26. Student profile programme/ course wise:

Table 8

Name of the Course/ programme	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
			*M	*F		
Economics Honours						
2009-10	22	10	7	3	2 (2012)	100%
2010-11	15	11	4	7	9 (2013)	77%
2011-12	80	16	12	4	2 (2014)	50%
2012-13	61	12	8	4	Not Yet Appeared	Not Applicable
2013-14	90	13	6	7	Not Yet Appeared	Not Applicable

*M - Male, *F - Female

27. Diversity of Students:

Table 9

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Economics (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 10

Name of the Competitive Examinations	No. of students passed
NET	0
SET	0
Others (Civil Services, Defense services, etc)	5

29. Student progression:

Table 11

Student progression	Against % enrolled
UG to PG	100%
PG to M. Phil.	No Data available
PG to Ph. D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed	No campus recruitment
• Campus selection	No Data available
• Other than campus recruitment	No Data available
Entrepreneurship/ Self-employment	No Data available

30. Details of Infrastructural facilities

- a) **Library:** The department has a Seminar Library.
- b) **Internet facilities for Staff & Students:** The staff room has internet facility which is being used by the students and teachers.
- c) **Class rooms with ICT facility:** The departmental teachers often offer the students to make use of the departmental and personal laptops and printers and also of the Digital Learning Centre in the Department of Philosophy to show Power Point presentation.
- d) **Laboratories:** None

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 12

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full Free Studentship	2010-11	03	03	01
	2011-12	Nil		
	2012-13	Nil		
	2013-14	05	04	01
Half Free Studentship	2010-11	01	01	00
	2011-12	02	00	02
	2012-13	01	01	00
	2013-14	07	03	04

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

One National Level seminar was organized. For details see 25 above.

33. Teaching methods adopted to improve student learning:

Lecture Method and project work.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The departmental teachers and the students actively participate in different socially relevant programmes like Blood Donation Camp, Thalassemia Detection Camp etc organized by the NSS unit of the college.

35. SWOC analysis of the department and Future plans:

Table 13

Strengths	Weaknesses
☺ Adequate number of teaching staff.	☹ Shortage of students in the department.
Opportunities	Challenges
☺ There is a scope for bringing in more Research Projects in the near future. ☺ To open the scope of job opportunities in the institutional level. ☺ There is also an opportunity to open Functional Economics or Communicative Economics Course in the department.	☹ To motivate the students to pursue the subject with all earnestness.

Future Plans:

- To apply for research projects.
- To encourage the teachers to publish more frequently in reputed journals.

Evaluative Report of the Department of Geography

1. Name of the department: **GEOGRAPHY**
2. Year of Establishment: 1996
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG (Hons.) and PG
4. Names of Interdisciplinary courses and the departments/ units involved:
Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science.
5. Annual/ semester/ choice based credit system (programme wise):
 - UG: Annual
 - PG: Semester
6. Participation of the department in the courses offered by other departments: Not Applicable.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NA
8. Details of courses/ programmes discontinued (if any) with reasons: None
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	1	1 (Principal of the college)
Associate Professors	8	2
Assistant Professors		6

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Prof. Jayasri Ray Chaudhuri (Joined on 24.01.2011 as Head of the Dept.; holding the post of Principal from 01.02.2012)	M.Sc., Ph.D.	Professor (Principal of the college)	Regional Planning (in PG); Settlement Geography (in UG)	UG-24+ PG-24+	29+	01 – awarded in July, 2009 and 03 – ongoing
Dr. Sandipan Chakraborty (Joined on 11.07.2014 as Head of the Department)	M.A, Ph.D., Dip. in Env. Sc. & Dip. in GIS and Remote Sensing Applications and GPS mapping	Associate Professor	Cartography and Geomorphology	UG-19 PG-12	32	02 – submitted and 05 – ongoing
Lila Mahato (Joined on 11.07.2014)	M.Sc., B.Ed.	Associate Professor	Cartography	UG-13+ PG-10+	7+	Nil
Dr. Balai Chandra Das (Joined on 18.11.2010)	M.A., Ph.D.	Assistant Professor	Advanced Agricultural Geography	UG-11 PG-4	7	Nil
Sharmistha Das (Joined on 13.09.2014)	M.A.	Assistant Professor	Cartography	UG-8.5 PG-6.5	Last 06 months	Nil
Dr. Ayan Das Gupta (Joined on 06.08.2009)	M.Sc., Ph.D.	Assistant Professor	Geomorphology (in PG); Cartography (in UG)	UG-5+ PG-5+	6	Nil
Dr. Rajashree Dasgupta (Joined on 10.08.2009)	M.Sc., Ph.D.	Assistant Professor	Cartography	UG-5+ PG-5+	8	Nil

Table 2 (contd.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Suradhuni Ghosh (Joined on 10.08.2010)	M.Sc.	Assistant Professor	Cartography	UG-3+ PG-3+	2	Nil
Tonuka De (Joined on 29.10.2010)	M.A., M.Phil.	Assistant Professor	Population Studies (in PG); Cartography (in UG)	UG-3+ PG-3+	2	Nil
B) PRESENT FACULTY (PART TIME)						
Md. Israfil Dhabak (Joined on 01.08.2008)	M.Sc.	Part-time Lecturer	Urban Geography (in PG); Cartography (in UG)	UG-5+	Nil	Nil
Kaustabi Mitra (Joined on 01.08.2008)	M.A., M.Phil.	Part-time Lecturer	RS & GIS (in PG); Cartography (in UG)	UG-5+	3	Nil
Dr. Bhaskar Samanta (Joined on 01.12.2009)	M.A., M.Phil., Ph.D.	Part-time Lecturer	Bio-Geography (in PG); Climatology (in UG)	UG-4+	7	Nil
Payel Bhattacharya (Joined on 01.12.2009)	M.A.	Part-time Lecturer	Urban Studies	UG-4+	Nil	Nil
C) TRANSFERRED FACULTY						
Dr. Sandip Chowdhury	M.A., Ph.D.	Professor	Pedology	UG-30 PG-NA	6	Nil
Dr. Ina Dhar Roy (Joined on 08.02.2006 and released on 27.08.2009)	M.Sc., Ph.D.	Assistant Professor	Cartography	UG-8 PG-8	6	Nil
Debjani Mitra (Joined on 16.02.2006 and released on 27.08.2009)	M.Sc.	Assistant Professor	Cartography	UG-8 PG-8	6	Nil

Table 2 (contd.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
C) TRANSFERRED FACULTY						
Dulal Chandra Das (Joined on 06.05.2004 and released on 10.08.2009)	M.A.	Associate Professor	Cartography	UG-34 PG-6	Nil	Nil
Dr. Sutopa Mukherjee (Joined on December, 2012 and released on January, 2013)	M.Sc., B.Ed., Ph.D.	Associate Professor	Geomorphology	UG-15 PG-14	14	Nil
Dr. Arindam Dasgupta (Joined on 01.03.2006 and released on 03.01.2013)	M.A., M.Phil., Ph.D.	Assistant Professor	Regional Planning; Advanced Techniques in Geography	UG-8 PG-8	6	Nil
Rituparna Khan (Joined on 07.02.2007 and released on 17.07.2014)	M.Sc.	Assistant Professor	Cartography	UG-7+ PG-7+	4	Nil
Suman Paul (Joined on 12.02.2007 and released on 09.08.2014)	M.Sc.	Assistant Professor	Environmental Science (in PG); Cartography (in UG)	UG-7+ PG-7+	5+	Nil

11. List of senior visiting faculty:

- Dr. Harsha Kumar Dasgupta, Guest lecturer from August, 2007 to July, 2013.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

See next page.

Table 3

Name of temporary faculty (Part-time Lecturer)	Academic Session taught	Programme - UG	Total No. of Classes per week		No. of Classes taken per week		% of Lectures delivered and practical classes handled		
			*T	*P	*T	*P	*T	*P	
Kaustabi Mitra	2009-10	1H	11	8	3	0	27.27	0	
		2H	11	9	3	0	27.27	0	
		3H	21	22	2	2	9.52	9.09	
	2010-11	1H	13	7	2	1	15.38	14.29	
		2H	17	5	2	0	11.76	0	
		3H	35	21	3	2	8.57	9.52	
	2011-12	1H	17	15	2	0	11.76	0	
		2H	20	9	2	0	10	0	
		3H	17	28	3	3	17.65	10.71	
	2012-13	1H	16	15	3	0	18.75	0	
		2H	19	12	2	0	10.53	0	
		3H	15	27	2	3	13.33	11.11	
	2013-14	1H	23	11	3	0	13.04	0	
		2H	26	06	3	0	11.54	0	
		3H	23	19	2	2	8.70	10.53	
	Israfil Dhabak	2009-10	1H	11	8	2	0	18.18	0
			2H	11	9	3	0	27.27	0
			3H	21	22	3	2	14.29	9.09
2010-11		1H	13	7	3	0	23.08	0	
		2H	17	5	2	0	11.76	0	
		3H	35	21	3	2	8.57	9.52	
2011-12		1H	17	15	1	2	5.88	13.33	
		2H	20	9	2	0	10	0	
		3H	17	28	3	2	17.65	7.14	
2012-13		1H	16	15	1	2	6.25	13.33	
		2H	19	12	3	0	15.79	0	
		3H	15	27	2	2	13.33	7.41	
2013-14		1H	23	11	1	2	4.35	18.18	
		2H	26	06	3	0	11.54	0	
		3H	23	19	2	2	8.70	10.53	

*T - Theory, *P - Practical, 1H/2H/3H - B.Sc. 1st/2nd/3rd Year (Hons.)

Table contd. on next page.

Table 3 (contd.)

Name of temporary faculty (Part-time Lecturer)	Academic Session taught	Programme - UG	Total No. of Classes per week		No. of Classes taken per week		% of Lectures delivered and practical classes handled	
			*T	*P	*T	*P	*T	*P
Dr. Bhaskar Samanta	2009-10	1H	11	8	3	0	27.27	0
		2H	11	9	3	0	27.27	0
		3H	21	22	2	2	9.52	9.09
	2010-11	1H	13	7	2	0	15.38	0
		2H	17	5	3	0	17.65	0
		3H	35	21	3	2	8.57	9.52
	2011-12	1H	17	15	1	2	5.88	13.33
		2H	20	9	2	0	10	0
		3H	17	28	3	2	17.65	7.14
	2012-13	1H	16	15	1	2	6.25	13.33
		2H	19	12	2	0	10.53	0
		3H	15	27	3	2	20	7.41
	2013-14	1H	23	11	1	1	4.35	9.09
		2H	26	06	3	0	11.54	0
		3H	23	19	3	2	13.04	10.53
Payel Bhattacharya	2009-10	1H	11	8	3	0	27.27	0
		2H	11	9	4	0	3.64	0
		3H	21	22	2	2	9.52	9.09
	2010-11	1H	13	7	2	1	15.38	14.29
		2H	17	5	3	0	17.65	0
		3H	35	21	2	2	5.71	9.52
	2011-12	1H	17	15	3	0	17.65	0
		2H	20	9	3	0	15.0	0
		3H	17	28	2	2	11.76	7.14
	2012-13	1H	16	15	2	2	12.5	13.33
		2H	19	12	3	0	15.79	0
		3H	15	27	2	1	13.33	3.70
	2013-14	1H	23	11	2	1	8.70	9.09
		2H	26	06	4	0	15.38	0
		3H	23	19	2	1	8.70	5.26

*T - Theory, *P - Practical, 1H/2H/3H - B.Sc. 1st/2nd/3rd Year (Hons.)

Table contd. on next page.

Table 3 (contd.)

Name of temporary faculty (Guest Lecturer) with Qualification & Specialization	Academic Session taught	Programme - PG	Total No. of Classes per week		No. of Classes taken per week		% of Lectures delivered
			*T	*P	*T	*P	*T
Dr. Harsha Dasgupta, M.Sc., B.Ed., Ph.D. Remote Sensing and GIS	2009-10	Sem I	20	25	6	Nil	30
		Sem II	20	25	6	Nil	30
		Sem III	20	25	6	Nil	30
		Sem IV	20	25	6	Nil	30
	2010-11	Sem I	20	25	6	Nil	30
		Sem II	20	25	6	Nil	30
		Sem III	20	25	6	Nil	30
		Sem IV	20	25	6	Nil	30
	2011-12	Sem I	20	25	6	Nil	30
		Sem II	20	25	6	Nil	30
		Sem III	20	25	6	Nil	30
		Sem IV	20	25	6	Nil	30
	2012-13	Sem I	23	22	6	Nil	26.09
		Sem II	23	22	6	Nil	26.09
		Sem III	23	22	6	Nil	26.09
		Sem IV	23	22	6	Nil	26.09

*T - Theory, *P - Practical

13. Student-Teacher Ratio (programme wise):

Table 4

Academic Session	Programme - B.A./B.Sc. (UG) and M.A./M.Sc. (PG)	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2009-2010	UG	45	11	4:1
	PG	25	7	4:1
2010-2011	UG	45	8	6:1
	PG	29	9	3:1
2011-2012	UG	47	13	4:1
	PG	30	10	3:1
2012-2013	UG	49	13	4:1
	PG	30	9	3:1
2013-2014	UG	56	13	4:1
	PG	28	8	4:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	0	0
Administrative Staff			
Non-technical Staff	Group-D	1	1

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Present)
D.Sc./D.Litt.	-
Ph.D.	6
M.Phil.	2
PG	5

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Four Minor Research Projects are ongoing in the department.

Table 7

Faculty	Title of Project	Funding Agency	Period	Grant received (Rs.)
Dr. Balai Chandra Das	“Wet Lands with Immense Potential for Sustainable Development: A Case Study on Major Wetlands of C. D. Block - Krishnagar - II”	UGC (vide letter No. F. PSW-097/13-14 (ERO), dated 18.03.2014)	Implemented on May, 2014 and continuing	Total Grant - 3,05,000/- Received till date: 1,67,500/-
Sharmistha Das	“Present Status of Municipal Solid Waste Management in Chandernagore, Hooghly District, West Bengal”	UGC (vide letter No. F. PSW-010/13-14 (ERO), dated 18.03.2014)	Implemented on May, 2014 and continuing	Total Grant - 3,30,000/- Received till date: 2,50,000/-

Table contd. on next page.

Table 7 (contd.)

Faculty	Title of Project	Funding Agency	Period	Grant received (Rs.)
Dr. Ayan Das Gupta	“Gradual Decay of River Piyali and Its Impact on Socio-economic Activities in the selected CD Blocks of South 24 Parganas, West Bengal”	UGC (vide letter No. F. PSW-099/13-14 (ERO) dated 02.09.2014)	Implemented on September, 2014 and continuing	Total Grant - 3,00,000/- Received till date: 2,40,000/-
Dr. Rajashree Dasgupta	“Status of Population Pressure and Its Impact on Food Security in the Perspective of Climate Change-Case Studies in the Coastal Blocks of Sagar and Namkhana in Indian Sundarbans”	UGC (vide letter No. F. PSW-096/13-14 (ERO) dated 18.03.2014)	Implemented on May, 2014 and continuing	Total Grant - 2,50,000/- Received till date: 1,80,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

- Projects all funded by UGC, refer to point No. 16.

18. Research Centre / facility recognized by the University: None

19. Publications:

Total No. of Publications of the Department (2008-14, during the teachers' tenure at Krishnagar Government College) = 48

Total No. Permanent Faculty (2008-14) = 9 (Existing) + 8 (Transferred) = 17

Publication per Faculty (2008-14) = $48/17 = 2.8$

See next page for Table.

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	4	-	2	11	11	14	6	48
No. of papers published in peer reviewed journals by faculty and students	4	-	2	6	5	9	1	27
No. of publications listed in International Database	4	-	2	6	5	9	1	27
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	1	3	3	3	10
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty and Students, See Annexure-1

20. Areas of consultancy and income generated: None

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

Table 9

Name of Faculty	International Committee	National Committees	Editorial Board
A) PRESENT FACULTY			
Prof. (Dr.) Jayasri Ray Chaudhuri	1. Elected Fellow of Cambridge Philosophical Society 2. Fellow of Royal Geographical Society, London (F.R.G.S.)	Life Member: 1. Geographical Society of India 2. Institute of Landscape, Ecology and Ekistics, Calcutta. 3. Indian National Cartographic Association	Nil

Table 9 (contd.)

Name of Faculty	International Committee	National Committees	Editorial Board
A) PRESENT FACULTY			
Dr. Sandipan Chakraborty	Nil	Life Member: 1. Indian Journal of Landscape System and Ecological Studies (ILEE), Kolkata 2. Geographical Society of India (GSI), Kolkata. 3. Indian Geomorphological Institute (IGI), Allahabad. 4. Indian Society Of Remote Sensing (ISRS), Dehradun. 5. "GIS INDIA", (International Journal), Hyderabad, Andhra Pradesh 6. Indian Society of Geomatics (ISG), ISRO, Ahmedabad 7. "Nehu Journal", NEHU, Shilong, Meghalaya 8. "Hill Geographers", NEHU, Shilong 9. Indian Institute of Geographers (IIG), PUNE 10. "North East India Geographical Society" (NEIGS), Guwahati, Assam. 11. "National Association of Geographers" (NAGI), Delhi School of Economics, NEW DELHI, INDIA 12. "Geographical Development Research Institute" (UP), India, Regstn. No: 1427/2009-10, L-153. 13. "Geographical Society of North Bengal" Alipurduar, Jalpaiguri, West Bengal, (ISSN – 2249-2909). 14. "Association of Punjab Geographers", Patiala, Punjab – Peer Reviewed 15. "Wadia Institute of Himalayan Geology", Dehra Dun, ISSN NO. 0971-8966	Nil

Table contd. on next page.

Table 9 (contd.)

Name of Faculty	International Committee	National Committees	Editorial Board
A) PRESENT FACULTY			
Lila Mahato	Nil	Life Member: 1. Indian National Cartographic Association (INCA) 2. Geographical Society of India. 3. Institute of Landscape, Ecology & Ekistics (ILEE) 4. Foundation of Practicing Geographer (FPG)	Nil
Dr. Balai Chandra Das	Nil	Nil	Nil
Sharmistha Das	Nil	Life Member: 1. Geographical Society of India 2. Indian Cartographic Association 3. Institute of Landscape, Ecology & Ekistics (ILEE)	Nil
Dr. Ayan Das Gupta	Nil	Life Member: 1. Geographical Society of India 2. Institute of Landscape, Ecology & Ekistics (ILEE)	Nil
Dr. Rajashree Dasgupta	Nil	Life Member: 1. Geographical Society of India 2. Indian Cartographic Association	Nil
Suradhuni Ghosh	Nil	Life Member of Geographical Society of India	Nil
Tonuka Dey	Nil	Nil	Nil
B) TRANSFERRED FACULTY			
Suman Paul	Nil	Life Member of Geographical Society of India	Nil
Rituparna Khan	Nil	Life Member of Geographical Society of India	Nil
Dr. Sutopa Mukherjee	Nil	Life Member: 1. Geographical Society of India 2. Institute of Landscape, Ecology & Ekistics (ILEE)	Nil

Table contd. on next page.

Table 9 (contd.)

Name of Faculty	International Committee	National Committees	Editorial Board
B) TRANSFERRED FACULTY			
Dr. Arindam Dasgupta	Nil	1. Life Member of Geographical Association of India, Kolkata 2. Member of National Association of Geographers, New Delhi 3. Member of Indian Institute of Geographers, Pune	Nil
Dr. Sandip Chowdhury	Nil	Nil	Nil
Debjani Mitra	Nil	Nil	Nil
Dr. Ina Dhar Roy	Nil	Nil	Nil
Dulal Chandra Das	Nil	Nil	Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

Project in Environmental science by students of UG Part-I

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies:

None.

23. Awards / Recognitions received by faculty and students:

Awards Received by Students

Table 10

Sl. No.	Name	Batch	Event	Awarded/ Participated	Year
1	Suman Das	PG, Sem-III	West Bengal State Student Youth Science fair	3 rd in Gr-D, University Level Science Model Competition	2013
2	Prasenjit Halder	PG, Sem-III	West Bengal State Student Youth Science fair	Participated in Gr-D University Level Science Poster Competition	2013

24. List of eminent academicians and scientists/ visitors to the department:

Table 11

Sl. No.	Eminent academician/ scientist/ visitor	Affiliation	Purpose of visit	Year
1	Dr. Sugata Hazra	Department of Geology and School of Oceanographic Studies, Jadavpur Univeristy	Speaker in Departmental Seminar	2011-12
2	Dr. Kalyan Rudra	Chairman, WB Wasteland Development Cooperation	Resource Persons and Speakers in State level Seminar on 'Environmental Degradation and Strategies for Conservation and Management'	24-25 th November, 2011
3	Prof. Maloy Mukhopadhyay	Visva Bharati University		
4	Dr. Subhro Sen	Coordinator-Climate Change, WWF		
5	Dr. Premangshu Chakraborty	Associate Professor and Head, Dept. of Geography, University of Kalyani		
6	Dr. Lakshmi Sivaramakrishnan	Associate Professor, Dept. of Geography, Univeristy of Burdwan.		
7	Prof. Ashish Sakar	Former Head, Dept. of Geography, Presidency College		
8	Dr. Dipankar Chakraborty	School of Environmental Studies, Jadavpur University	Speaker in Departmental Seminar	2012-13

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) National: None
b) International: None

26. Student profile programme/ course wise:

Table 12

Name of the Course / programme	Academic Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass Percentage
				*M	*F		
UG	2009-10	NA	45	23	22	37 (2012)	100%
	2010-11	NA	45	25	20	35 (2013)	97%
	2011-12	1170	50	21	20	40 (2014)	97%
	2012-13	1290	52	32	20	Not Yet Appeared	Not Applicable
	2013-14	1377	52	31	22	Not Yet Appeared	Not Applicable
PG	2009-10	NA	23	17	6	22 (2011)	100%
	2010-11	NA	30	20	11	28 (2012)	100%
	2011-12	345	30	17	15	29 (2013)	100%
	2012-13	422	30	17	14	30 (2014)	96%
	2013-14	442	30	18	12	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, NA - Not Available

27. Diversity of Students:

Table 13

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100	00	00
PG	100	00	00

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 14

Year of Graduation	Competitive Examination		
	NET	SLET/ SET	Others
2009	01	-	20 students from the Dept. have qualified in the School Service Examination (SSC) from 2009 to 2013; however, year wise qualifying students' data is not available.
2010	-	SET-01	
2011	CSIR NET-01	-	
2012	UGC NET-16	-	
2013	CSIR NET-01 UGC NET-07	SET-10	

29. Student progression:

Table 15

Student progression	Against % enrolled
UG to PG	More than 90%
PG to M.Phil.	NA
PG to Ph.D.	Around 5%
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	Nil • Employed in Schools through SSC (20) and in college as Temporary Faculty (05) • Employed as Permanent faculty in Aliya University (Aznarul Islam)
Entrepreneurship/ Self-employment	10

30. Details of Infrastructural facilities

a) Library: Seminar Library in the dept.

b) Internet facilities for Staff & Students:

Internet facility for the teachers and students are available in the department.

c) Class rooms with ICT facility: None

d) Laboratories: GIS/RS Lab

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 16

Academic Session	Courses	Fellowship Heads			
		Sitaram Jhindal Foundation	Merit cum Scholarship	Scholarship from Labour and Employment Ministry	Post Matric Scholarship (for SC, ST, Minority)
2011-12	M.A./ M.Sc.	-	12	-	-
2012-13	M.A./ M.Sc.	-	10	-	-
2013-14	M.A./ M.Sc.	-		-	01

- Full free and half free studentship for the students from SC, ST, OBC and minority groups.

Table 17A: Full Free Studentship

Academic Session	Courses	No. of students benefited		
		Total	Male	Female
2009-10	Under-Graduate Level	08	06	02
2010-11		04	03	01
2011-12		04	03	01
2012-13		Nil		
2013-14		05	06	0
2009-10	Post - Graduate Level	01	01	0
2010-11		04	02	02
2011-12		04	04	0
2012-13		04	03	01
2013-14		04	04	0

Table 17B: Half Free Studentship

Academic Session	Courses	No .of students benefited		
		Total	Male	Female
2009-10	Under-Graduate Level	06	02	04
2010-11		05	02	03
2011-12		04	04	0
2012-13		Nil		
2013-14		04	04	0
2009-10	Post - Graduate Level	01	0	01
2010-11		01	01	0
2011-12		04	02	02
2012-13		04	02	02
2013-14		04	02	02

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

- Special Lecture on “Tsunami and its Effect at Global Scale” by Dr. Sugata Hazra, Professor and Director of the School of Oceanographic Studies of Jadavpur University. Lecture delivered in 2011-12 academic session.
- Lectures delivered on “Environmental Degradation and Awareness on Conservation and Management” by Dr. Kalyan Rudra, Prof. Maloy Mukhopadhyay, Dr. Subhro Sen, Dr. Premangshu Chakraborty, Dr. Lakshmi Sivaramakrishnan, Dr. Ashish Sarkar on a two day State Level seminar funded by UGC in November, 2011 (under academic session 2011-12).
- Special Lecture on “Arsenic Contamination and its Impact in Gangetic West Bengal” by Dr. Dipankar Chakraborty, Director (Research) of the School of Environmental Studies of Jadavpur University. Lecture delivered in 2012-13 academic session.

33. Teaching methods adopted to improve student learning:

- Chalk and talk method.
- Use of LDC projector in lecture sessions.
- Seminar classes for both undergraduate and post graduate students.
- Tutorial classes at both UG and PG levels.
- Excursions at both UG and PG courses.
- Remedial classes for SC, ST, OBC and minority students.
- Special Lectures at Post Graduate Level during Puja vacation.
- Dissertation Guidance on different topics under Special Paper “Urban Geography” to Final Semester Post Graduate Students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Involvement of students in NSS activities.
- Involvement of students in Blood donation camps.
- Involvement of students in awareness programme of Thalassaemia.
- Educational trips conducted on regular basis for UG and PG students in different parts of the State as part of the course curriculum.
- Involvement of Post graduate students in different community based works as part of their dissertation topics in the Final Semester. Some of the community based works performed by the students are given in the next page.

Table 18: Community Based Works Performed - Few Examples

Research study/ survey	Benefit to the community/ improving services
1. "An Overview on Education Mapping of Slum Women and Children in Krishnagar Municipality, Nadia District, West Bengal" in 2014	<ul style="list-style-type: none"> ➤ The survey team has informed about the importance of education in one's life to the slum dwellers. ➤ The parents were requested not to engage their children in jobs for earning money during their school hours. ➤ The mass awareness of sending children to schools and to make them attain their minimum education (up to secondary level) may reduce the school dropout ratios to some extent which is still quite high in the slums of Krishnagar Town.
2. "An Overview on the Status of Arsenic Contamination in Krishnanagar Town" in 2013	<ul style="list-style-type: none"> ➤ The local community where the primary survey was carried out was made aware of the status of arsenic contamination in the tube-wells so that they can reduce their consumption/dependency from particular tube-wells (contaminated ones) accordingly. ➤ They were also given advice to use boil water for drinking purposes. ➤ No significant steps have been taken yet by the Municipality to assess the arsenic level in water in the town and hence this study may prove to be fruitful if the local administration utilizes the data/ information generated in the specific report.

- Involvement of students and faculty members in the industry visit at Ghurni, Krishnagar and Fulia, Shantipur Nadia to enhance the knowledge regarding the household and handloom industries clay-modeling and cotton sari weaving.
- Involvement of students in motivating and generating environmental awareness to marginalized people facing multiple environmental problems in the locality - PG Final Year Students Went to Banagram, near Dhubulia at Krishnagar II C. D. Block in September, 2014 to motivate people regarding the judicious use of the local resources to keep the local environment clean in order to avoid different health hazards which are chiefly air borne and water-borne in the locality.

35. SWOC analysis of the department and Future plans:

Table 19

Strengths	Weaknesses
<p>☺ The department consists of highly qualified, well competent and dedicated teaching faculty members.</p> <p>☺ Students are hard working and obedient. They are the university examination toppers. They bring laurels for the department every year.</p> <p>☺ Students are enthusiastic about extracurricular activities. They eagerly participate in inter college and intra college competitive programmes.</p> <p>☺ Students participate in NSS activities, which portray their high moral and social character.</p> <p>☺ Good seminar library for students as well as teachers.</p> <p>☺ Well equipped GIS-RS laboratory.</p> <p>☺ ITC tools equipped lecture rooms.</p> <p>☺ Good teacher: student ratio.</p>	<p>☹ Paucity of space in the department due to inadequate built-in area.</p> <p>☹ General inadequacy in number of teaching and non-teaching staffs for smooth running of the PG and UG courses simultaneously in the department.</p> <p>☹ Absence of laboratory assistant in the department hinders the technical running of the department in a smooth manner.</p> <p>☹ Unsatisfactory in flow of government funds.</p>
Opportunities	Challenges
<p>☹ Involvement of teachers in various research projects from time to time.</p> <p>☹ Well organized seminars and lecture series for adequate exposure to teachers and students.</p> <p>☹ Proper career counseling guidance to the students for a bright and better future.</p> <p>☹ Motivating students for higher studies.</p>	<p>☹ Limited freedom in deploying innovative teaching methods due to syllabus and time constraints arising from the 3 years' degree Hons. course and semester based Post Graduate course examination system adopted by the University of Kalyani.</p> <p>☹ Being a Govt. College there is no scope of creating new teaching posts without Govt. approval.</p>

See next page.

Future Plans:

- a. To improve Courses and Teaching Learning Methods:
 - E- learning to be introduced in classrooms, in under-graduate and post-graduate teaching.
 - All classrooms (3 U.G. and 2 P.G. classrooms) to be equipped with LCD projectors and screens.
 - Writing and communication skills to be improved for better academic results and job opportunities (through Linguistic laboratories, designed in collaboration with Departments in the college, for both undergraduate and postgraduate students).
- b. Employability Skills and Programmes:
 - Special classes-to prepare students for SSC, NET, SET and civil services (like IAS or WBCS).
 - RS-GIS training beyond college hours for certificate/diploma courses.
- c. Research and Extension Programmes:
 - To submit more major and minor research projects on inter-disciplinary topics to ensure further persuasion and improvisation of post graduate dissertation works.
 - To introduce PG diploma Courses / Certificate courses on Remote Sensing and GIS.
- d. Institutional Quality Enhancement Activities:

Workshops on different applications of geography or on contemporary issues of the subject may be organized at regular intervals (in every six months) with other college teachers from the surrounding regions (within Nadia or from surrounding districts) to introduce innovative ideas in the teaching learning methods under both theory and practical portions and to bring in more clarity in understanding the subject.

- e. Innovative programmes to nationalize/ internationalize the CPE:

Collaborative research programmes with different departments (like Chemistry, Geology, Economics, Sociology, Environmental Science) under different universities across provinces within the countries and also from foreign universities may be introduced to address different contemporary problems of the society in holistic manner.

Evaluative Report of the Department of Physics

1. Name of the department: **PHYSICS**

2. Year of Establishment:

The Physics Laboratory was established in **1880**. But the Physics Honours course was introduced in **1962** under the University of Calcutta. Then from **1999** it is affiliated to University of Kalyani.

3. Names of Programmes/ Courses offered (UG, PG, M. Phil, Ph.D., Integrated Masters, Integrated Ph.D. etc.): UG

4. Names of Interdisciplinary courses and the departments/ units involved:
Nil

5. Annual/ semester/ choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments:

Students of Physics Honours also have to take General courses offered by Departments of Chemistry, Mathematics and Statistics.

7. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

8. Details of courses/ programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	6	2
Assistant Professors		3

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.litt./Ph.D./M.Phil. etc.):

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Subhasis Chakraborty	M.Sc., Ph.D.	Associate Professor	Solid State Physics	22	11	Nil
Dr. Narayan Banerjee	M.Sc., Ph.D.	Associate Professor	Solid State Physics	18	10	Nil
Ujjwal Das	M.Sc.	Assistant Professor	Electronics & Radio Engineering	5	4	Nil
Bishwajit Paul	M.Sc.	Assistant Professor	Electronics & Radio Engineering	5	5	Nil
Sudipta Das	M.Sc.	Assistant Professor	Atomic & Molecular Physics	5	2	Nil
B) PRESENT FACULTY (PART TIME)						
Dr. Hiranmoy Pal	M.Sc., Ph.D.	Part Time Lecturer	Solid State Physics	8	15	Nil
C) TRANSFERRED FACULTY						
Dr. Srabani Chakraborty (Released in Sept., 2008)	M.Sc., Ph.D.	Associate Professor	Nuclear Physics	12	15	Nil
Dr. Madhusudan Ghosh (Released in June, 2009)	M.Sc., Ph.D.	Assistant Professor	Electronics	14	14	Nil
Dr. Kamal Kanti Som (Released in August, 2009)	M.Sc., Ph.D.	Associate Professor	Solid State Physics	21	12	Nil
Dr. Sanjit Kumar Das (Released in January, 2012)	M.Sc., Ph.D.	Assistant Professor	Nuclear Physics	13	8	Nil
Nirmal Kumar Maity (Released in January, 2013)	M.Sc., M.Phil. (ENVS)	Associate Professor	Electronics	25	-	Nil

Table contd. on next page.

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
C) TRANSFERRED FACULTY						
Dr. Ram Narayan Deb (Released in December, 2013)	M.Sc., Ph.D.	Assistant Professor	Solid State Physics	12	11	Nil
Anjan Das (Released in December, 2013)	M.Sc.	Assistant Professor	Electronics	8	8	Nil

11. List of senior visiting faculty:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

There is only one temporary faculty in the Department – Dr. Hiranmoy Pal

Table 3

Academic Session taught	Programme	Total No. of Classes per week		No. of Classes taken per week		% of Lectures delivered and practical classes handled	
		Theory	Practical	Theory	Practical	Theory	Practical
2009-10	UG Hons.	34	24	6	6	17.6	25
	UG Gen.	9	21	1	6	11.1	28.6
2010-11	UG Hons.	34	24	6	6	17.6	25
	UG Gen.	9	21	1	6	11.1	28.6
2011-12	UG Hons.	34	24	6	6	17.6	25
	UG Gen.	9	21	1	6	11.1	28.6
2012-13	UG Hons.	34	24	6	6	17.6	25
	UG Gen.	9	21	1	6	11.1	28.6
2013-14	UG Hons.	34	24	6	6	17.6	25
	UG Gen.	9	21	1	6	11.1	28.6

13. Student-Teacher Ratio (programme wise):

Table 4

Year	Programme	Total No. of Students	Total No. of Teachers	Student-Teacher Ratio
2009-10	UG Hons.	90	6	15:1
2010-11	”	90	4	23:1
2011-12	”	90	4	23:1
2012-13	”	100	4	25:1
2013-14	”	90	6	15:1

14. Number of academic support (technical) and administrative staff; sanctioned and filled.

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	2	1
Administrative Staff			
Non-technical Staff	Group-D	4	3

15. Qualifications of teaching faculty with D.Sc./D.Litt./ Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	3
M.Phil.	-
PG	3

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre/ facility recognized by the University: Nil

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 6

Total No. of Permanent Faculty (2008-14) = 5 (Existing) + 7 (Transferred) = 12

Publication per Faculty (2008-14) = $6/12 = 0.5$

Table 7

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total yearwise publication of the Dept.	-	1	-	2	1	1	1	6
No. of papers published in peer reviewed journals by faculty and students	-	1	-	1	-	1	1	4
No. of publications listed in International Database	-	1	-	1	-	1	1	4
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	-	-
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	2.176	-	3.042	-	0.92	2.188	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National Committees, b) International committees c) Editorial Boards:

None

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

Departmental students have done project on Environmental study as a part of their course work:

Topic: "Survey of the river Jalangi and analysis of the pollution level"

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department:

- Prof. D. P. Duari, Birla Planetarium, Kolkata
- Prof. Sukalyan Chatterjee, Saha Institute of nuclear Physics, Kolkata
- Dr. Sunandan Gangopadhyay, Barasat state University, Kolkata.

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme / course wise:

Table 8

Name of the Course/ programme (refer question no. 4)	Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
				*M	*F		
UG Hons	2009-10	N.A.	30	23	7	24 (2012)	100%
”	2010-11	N.A.	26	19	7	23 (2013)	91%
”	2011-12	458	29	20	9	29 (2014)	89%
”	2012-13	701	40	31	9	Not Yet Appeared	Not Applicable
”	2013-14	775	35	24	11	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, N.A. - Not Available.

27. Diversity of Students:

Table 9

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG Hons. (2008-2014)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
Data not available.

29. Student progression: Data not available.

Table 10

Student progression	Against % enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	-
Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities

a) Library:

The Department has its own seminar library with more than 500 books. The text and reference books which are necessary in the Honours course are available in the seminar library. A student can borrow two books at a time and can keep it for two weeks.

b) Internet facilities for Staff & Students:

Apart from the computer centre of the college the department has four personal computers with printers and internet connection with two of them. The central computer centre has 13 computers with printers and scanners and internet connection with some of them.

c) Class rooms with ICT facility:

Apart from normal lectures and practical classes modern teaching aids like power point presentation and LCD projectors are sometimes used. Computers are extensively used for curve fitting, graph plotting and programming in Fortran etc. Students and teachers regularly use the internet facility for academic purposes.

d) Laboratories:

Two laboratories are available for the students of the general course. Two dark rooms for the 3rd Year Honours students are available. One electronics laboratory and two fully equipped electrical and general laboratories are also available for Honours students. All the laboratories are equipped with necessary instruments.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 11

Year	Financial assistance from the College			
	Full Free Studentship		Half Free Studentship	
	M	F	M	F
2009-10	02	01	02	00
2010-11	01	00	00	00
2011-12	04	00	01	01
2012-13	03	01	01	01
2013-14	02	02	04	00

Data for other scholarships are not available department-wise.

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

External experts are not available. But special lectures are regularly arranged by the departmental teachers in this regard.

Table 12

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/Speaker
Departmental Seminar	January, 2010	“Astrophysics – Concepts and Challenges”	College	Prof. D. P. Duari, Birla Planetarium, Kolkata
Departmental Seminar	20.01.2012	“Black holes: Formation and Radiation”	College	Dr. Sunandan Gangopadhyay, Barasat State University
Special Lecture	September, 2012	“Detection of Higgs like particle in LHC”	UGC-CPE	Prof. Sukalyan Chatterjee, Saha Institute of Nuclear Physics

33. Teaching methods adopted to improve student learning:

- We use power point presentation and LCD projector in the class to show the data and original experimental results.
- Sometimes we do experiments outside the curriculum for better understanding of the subject.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Our College has an NSS unit. The students participate in many social activities like Thalassaemia awareness programme, medical camps with local doctors to the interior villages, etc.

35. SWOC analysis of the department and Future plans:

Table 13

Strengths	Weaknesses
<p>☺ The Department of Physics always gets good students.</p> <p>☺ The teachers are competent to teach the course which is evident from the result of our students in the university examination. But we have to follow the syllabus of the Kalyani University.</p>	<p>☹ Due to the policy of transfer of the teachers it may happen that the department has not the required no. of teachers to teach the course.</p>
Opportunities	Challenges
<p>☹ Financial assistance from the govt. is sufficient and no. of laboratories and class rooms are at present adequate.</p>	<p>🔴 Being at a place very far from Kolkata it is not easy to arrange seminars by eminent faculties and research workers on current topics of interest.</p>

Future Plans:

- To open postgraduate course in Physics.
- To open Undergraduate and Postgraduate courses in Electronics.
- Above plans require sufficient no. of teachers and also several classrooms and Laboratories.

Evaluative Report of the Department of Chemistry

1. Name of the department: **CHEMISTRY**
2. Year of Establishment: UG General - 1873;
UG Honours - 1951
3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.): UG
4. Names of Interdisciplinary courses and the departments/ units involved:

Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science.
5. Annual/ semester/ choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments:

Chemistry is also offered as a General subject for the following Honours subjects - Physics, Mathematics, Botany, Zoology and Physiology. It is also offered as one of the subjects in the B.Sc. General Course.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	8	1
Assistant Professors		3

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Tista Das Gupta (Bhattacharyya) (Joined on 20.12.2013)	M.Sc., Ph.D.	Associate Professor	Bio-chemistry	22	26	Nil
Dr. Tapati Mallik (Joined on 29.05.2009)	M.Sc., Ph.D.	Assistant Professor	Physical Chemistry	5	11	Nil
Dr. Ajanta Mukherji (Joined on 29.07.2010)	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	4	10	Nil
B) FACULTY ON LIEN						
Dr. Dhruva Prosad Chatterjee (Joined on 01.08.2009; On lien from 16.01.2014)	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	8	13	Nil
C) TRANSFERRED FACULTY						
Dr. Prabir Kumar Das (Released on 17.01.2009)	M.Sc., Ph.D.	Principal	Organic Chemistry	28	25	Nil
Dr. Shyamapada Shit (Released on 17.12.2012)	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	12	14	Nil
Debnath Saha (Released on 02.01.2013)	M.Sc.	Assistant Professor	Organic Chemistry	8	12	Nil
Dr. Soma Nath (Deoghoria) (Released on 02.07.2013)	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	12	15	Nil
Dr. Jibanananda Jana (Released on 22.05.2014)	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry	12	18	Nil

Table 2 (contd.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
C) TRANSFERRED FACULTY						
Ambika Prasad Mukhopadhyay (Released on 11.06.2014)	M.Sc.	Assistant Professor	Organic Chemistry	8	–	Nil
D) RETIRED FACULTY						
Dr. Michael Das (Retired on 31.01.2012)	M.Sc., Ph.D.	Associate Professor	Organic Chemistry	34	20	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Academic Session	Programme	Total No. of Classes per week		No. of Classes per week taken by temporary faculty		% of Lectures delivered and Practical classes handled	
		Theory	Practical	Theory	Practical	Theory	Practical
2008-09	UG Hons	58	33	10	15	17	45
	UG Gen	15	30	4	12	27	40
2009-10	UG Hons	51	36	2	3	4	8
	UG Gen	12	30	4	3	33	10

No temporary faculty from Session 2010-11 onwards.

13. Student-Teacher Ratio (programme wise):

Table 4

Academic Session	Programme	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2008-09	UG Hons	66	9	7:1
2009-10	''	65	9	7:1
2010-11	''	62	8	8:1
2011-12	''	77	8	10:1
2012-13	''	84	7	12:1
2013-14	''	86	5	17:1
2014-15	''	99	3	33:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	1	1
Administrative Staff			
Non-technical Staff	Group-D	5	3

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Present)
D.Sc./D.Litt.	-
M.Phil.	-
Ph.D.	4
PG	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Table 7

Faculty	Type of project	Title of Project	Funding Agency	Period	Grant sanctioned (Rs.)	Grant received (Rs.)
Dr. Jibanananda Jana	Minor Research Project	A Quantum Chemical Study on the Interaction of DNA with Anti-proliferative Ferrocenophane polyphenols	UGC	13.03.2012 to 12.03.2014 (completed)	1,92500	1,92500
Dr. Dhruba Prosad Chatterjee (on lien)	Major Research Project	Preparation of Advanced Membrane Materials for Affinity Chromatography	DST	3 Years	22 lakhs (Recommended, December, 2011)	Transferred to Presidency University

18. Research Centre/ facility recognized by the University: Nil
 19. Publications:

Total No. of Publications of the Department (2008-14, during the teachers' tenure at Krishnagar Government College) = 36

Total No. of Permanent Faculty (2008-14) = 4 (Existing/On Lien) + 6 (Transferred) = 10

Publication per Faculty (2008-14) = 36/10 = 3.6

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	4	7	4	6	8	5	2	36
No. of papers published in peer reviewed journals by faculty and students	4	7	4	5	7	4	2	33
No. of publications listed in International Database	4	7	4	5	7	5	2	34
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	1	-	1
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	4.46	13.623	5.413	9.485	20.236	7.427	0.592	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated:

Table 9

Consultancy provided	Name of Faculty	Income generated
Jury Member in the District Level Exhibition and Project Competition (DLEPC) under INSPIRE Award 2012 held at CMS St. John's High School, Krishnagar, Nadia on 23.04.2012 and 24.04.2012	Dr. Shyamapada Shit	None; Work done on honorary basis

Table 9 (contd.)

Consultancy provided	Name of Faculty	Income generated
Jury Members in the DLEPC under INSPIRE Award 2013 held at CMS St. John's High School, Krishnagar, Nadia on 20.08.2013	1) Dr. Dhruva Prosad Chatterjee 2) Dr. Ajanta Mukherji	None; Work done on honorary basis
Jury Member in the State Level Science Fair 2014 held at D. L. Roy College, Krishnagar, Nadia on 02.09.2014 and 03.09.2014	Dr. Tapati Mallik	”

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

Table 10

Name of Faculty	International / National Committee	Editorial Board	Other	Membership/ Year
Dr. Tapati Mallik	-	<i>Conscientia</i> , College Journal	Indian Physical Society	Life Member since 2006
Dr. Ajanta Mukherji	-	-	1) Indian Association for the Cultivation of Science 2) Indian Chemical Society	1) Life Member since 2004 2) Life Member since 2013
Dr. Dhruva Prosad Chatterjee	-	-	Indian Chemical Society	Life Member since 2013
Dr. Shyamapada Shit	-	-	Indian Association for the Cultivation of Science	Life Member since 2003
Sri Debnath Saha	-	-	Indian Physical Society	Life Member since 2010
Dr. Jibanananda Jana	-	-	Indian Association for the Cultivation of Science	Life Member since 1996

22. Student projects:

See next page.

Table 11a

Session	% of students who have done in-house projects including inter departmental programme		% of students placed for projects in organizations outside the institution		
	Compulsory Environmental Studies	Other	Research Laboratories	Industry	Other agencies
2008-09	100	-	-	-	-
2009-10	100	-	-	-	-
2010-11	100	-	-	-	-
2011-12	100	-	-	-	-
2012-13	100	-	-	-	3*
2013-14	100	-	-	-	-

*Details of the student project given below.

Table 11b

Session in which student was enrolled	Name of Student	Title of Project	Place of Project Work/ Supervisor	Funding Agency, Amount sanctioned (Rs.)	Duration
2012-13	Anirban Dutta, B.Sc. Chem. (Hons), Krishnagar Govt. College	Isolation and Identification of Agriculturally Important Halophilic Bacteria from Soils of Sundarban	University College of Science (Ballygunge), University of Calcutta, under the supervision of Dr. Maitree Bhattacharyya, Asst. Prof., Dept. of Biochemistry	DST-INSPIRE 20,000/-	3 months

23. Awards/ Recognitions received by faculty and students:

Table 12

Sl. No.	Name of Student	Award/ Recognition
1	Subhankar Saha	Ranked 3 rd in B.Sc. (Hons), KU, 2010; Ranked 1 st in M.Sc. (KU), 2012; Received "Prof. B.S. Thyagarajan Memorial Endowment Silver Medal"
2	Kartik Dutta	Ranked 1 st in M.Sc. (IEST, Shibpur), 2013; Received Gold Medal
3	Swagatam Barman	Ranked 3 rd in B.Sc. (Hons), KU, 2013
4	Shrestha Chatterjee	1 st Prize in Debate Competition in Annual Book Fair, Krishnagar held on December 2012, speaking against the motion "Manusher Bibartan: Ishwarer Abadan na Baigyanik Abadan"

Table 12 (contd.)

Sl. No.	Name	Award/ Recognition
5	Debayan Sinha Roy	Received DST-INSPIRE Fellowship,
6	Sanchari Saha, Suparna Brahma, Jatin Ghosh, Ankur Biswas, Prosenjit Pramanik	Received DST-INSPIRE Fellowship, 2012
7	Anirban Dutta	Received JBNSTS Scholarship Award, 2012 & DST-INSPIRE Fellowship, 2012

24. List of eminent academicians and scientists/ visitors to the department:

Table 13

Eminent academician/ scientist/ visitor	Affiliation	Purpose of visit	Year
Prof. Manas Chakrabarty	Sr. Professor & Emeritus Scientist (C.S.I.R.), Dept. of Chem., Bose Institute	Speaker in Departmental Seminar	2011
Dr. Saradindu Bhattacharyya	Associate Prof. (Retired), Dept. of Chem., Hooghly Mohsin College	Speaker in Departmental Seminar	2011

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) National: Nil
b) International: Nil

26. Student profile programme/ course wise:

Table 14

Name of the Course/ programme (refer question no. 4)	Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
				*M	*F		
UG Hons	2009-10	N.A.	25	13	12	22 (2012)	90%
”	2010-11	796	30	24	6	26 (2013)	96%
”	2011-12	447	32	26	6	17 (2014)	94%
”	2012-13	754	36	25	11	Not Yet Appeared	Not Applicable
”	2013-14	994	34	22	12	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, N.A. - Not Available.

27. Diversity of Students:

Table 15

Name of the Course	Period	% of students from the same state	% of students from other States	% of students from abroad
UG Hons	2008-14	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services etc.?

Table 16

Competitive Examination	No. of Students who have Qualified					
	2009	2010	2011	2012	2013	2014
NET*	N.A.	LS -1	LS-1 UGC-2 CSIR-1	LS-1, UGC-2 CSIR-2	LS-2, UGC-2, CSIR-2	N.A.
SLET	-	-	-	-	-	-
GATE	-	1	4	7	3	4
Civil Services	-	-	-	-	-	-
Defense services	1 (Army)	-	-	2 (BSF)	-	1
JAM (IIT)	2	2	2	2	7	3
IISc, Bangalore	1	1	-	1	-	-
IISER	-	-	1	-	1	-
ISM, Dhanbad	-	-	1	-	1	-
BARC	-	-	-	-	1	-
Primary TET	-	-	2	-	4	-
School Service Commission TET	-	-	2	2	1	-
Staff Selection Commission	1	-	-	-	-	-

*LS - Lectureship, UGC/CSIR - UGC/CSIR Junior Research Fellowship

29. Student progression:

Table 17

Student Progression of the Batch Graduating in the Year →	Against % enrolled					
	2009 (no. enrolled in 2006 = 17)	2010 (no. enrolled in 2007 = 20)	2011 (no. enrolled in 2008 = 26)	2012 (no. enrolled in 2009 = 25)	2013 (no. enrolled in 2010 = 30)	2014 (no. enrolled in 2011 = 30)
UG to PG	71%	70%	50%	68%	50%	30%*
PG to M.Phil.	-	-	-	-	-	-
PG to Ph.D.	41% [#]	15% [#]	20% [#]	8% [#]	Not Applicable	Not Applicable
Ph.D. to Post-Doctoral	Not Available	Not Applicable				
Employed i) Campus Selection	-	-	-	-	-	-
ii) Other than campus recruitment	41%	5%	15%	8%	3%	-
Entrepreneurship/ Self-employment	-	-	-	-	-	-

*Full data yet to come for students graduating in 2014. [#]Pursuing Ph.D. as Research Fellows.

30. Details of Infrastructural facilities

- a) Library: Seminar Library containing 1006 books
- b) Internet facilities for Staff & Students: Available
- c) Class rooms with ICT facility: 3
- d) Laboratories: 4

Additionally,

- Computer Room - 1
- Balance Room - 2

31. Number of students receiving financial assistance from college, university, government or other agencies:

See next page.

Table 18A

Session	Name of Scholarship	No. of Students receiving financial assistance		
		Male	Female	Total
2008-09	Merit-cum-means	0	2	2
	Post-matric	3	0	3
2009-10	Merit-cum-means	0	3	3
	Post-matric	2	1	3
	DST-INSPIRE	1	0	1
2010-11	Merit-cum-means	8	2	10
	Post-matric	3	1	4
	Sitaram Jhindal	1	0	1
	DST-INSPIRE	1	0	1
2011-12	Merit-cum-means	0	1	1
2012-13	Merit-cum-means	11	3	14
	Post-matric	1	2	3
	DST-INSPIRE	4	2	6
	JBNSTS	1	0	1
2013-14	N.A.	-	-	-

Table 18B

Session	Name of Studentship	No. of Students receiving financial assistance		
		Male	Female	Total
2008-09	Half-free	N.A.	N.A.	N.A.
	Full-free	N.A.	N.A.	N.A.
2009-10	Half-free	1	2	3
	Full-free	1	2	3
2010-11	Half-free	4	0	4
	Full-free	4	0	4
2011-12	Half-free	4	0	4
	Full-free	3	0	3
2012-13	Half-free	2	1	3
	Full-free	3	0	3
2013-14	Half-free	-	-	-
	Full-free	3	0	3

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Table 19

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/Speaker
Departmental Quiz	2010	CHEMIQUIZ	-	-
Departmental Seminar	11.03.2011	Green Chemistry and Chemistry Today	UGC-CPE Grant	Prof. Manas Chakrabarty and Dr. Saradindu Bhattacharyya
Departmental Seminar	16.04.2013	Schiff Base Co-ordination Compounds: Characterization, Structural Diversity and Application	UGC-CPE Grant	Dr. Shyamapada Shit, Head & Asst. Prof., Dept. of Chem., Jalpaiguri Govt. Engineering College

33. Teaching methods adopted to improve student learning:

- Tutorial Lectures
- Remedial Classes for SC, ST and Minority (non-creamy layer) students
- Special Lectures during Puja Vacation
- Organisation of Study Tours and Industry Visits to make the curriculum more attractive. One such study tour was organized in 2013. The details are given below.

Table 20

Activity	Date	Participating Students	Supervising Faculty
Study Tour to IISER, Mohanpur	18.04.2013	3 rd Year Hons.	Dr. Jibanananda Jana, Dr. Soma Nath (Deoghoria), Sri Ambika Prasad Mukhopadhyay, Dr. Dhruva Prosad Chatterjee, Dr. Ajanta Mukherji

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Students of the Department take part in NSS activities.

Table 21

Name of Student	Participation in Extension activity
Pritam Modak	Class representative, 2012; organized and participated in Blood Donation Camp
Swarnab Kundu	Organized and participated in Blood Donation Camp; attended AIDS awareness Seminar

35. SWOC analysis of the department and Future plans:

Table 22

Strengths	Weaknesses
<p>☺ Highly qualified (having Ph.D.), well-competent, dedicated teaching staff.</p> <p>☺ Good academic profile of the students. The students occupy ranks in University Exams almost every year.</p> <p>☺ Some of the students enjoy prestigious scholarships like JBNSTS.</p> <p>☺ After graduation, the students qualify in National level competitive Exams like JAM, Defense services, etc. and get entry into various premier institutes like IISc, IIT, ISM, BARC, etc. and get employment in Army, Primary School, etc.</p> <p>☺ Department contains a well-stocked seminar library (over 1000 books) and computer facilities.</p> <p>☺ The student-teacher relationship is extremely cordial.</p>	<p>☹ With increasing intake of students (10% per year), the existing space in the laboratories and classrooms have become inadequate.</p> <p>☹ The conditions of the laboratories have also deteriorated over the years.</p> <p>☹ Campus interviews are few in number.</p> <p>☹ At present, there is shortage of teaching staff leading to lack of teachers in certain specialized areas (Inorganic Chemistry) and high student-teacher ratio.</p> <p>☹ There is also shortage of academic technical staff in the Department.</p>
Opportunities	Challenges
<p>☺ Chemistry as a subject provides ample opportunities to the students to pursue further studies and/or get employment in various fields like Applied Chemistry, Industrial & Analytical Chemistry, Biochemistry & Biotechnology, Food technology, Pharmaceutical Industries, etc.</p> <p>☺ Provided, regular campus interviews can be arranged, students can get employment even after graduation.</p> <p>☺ There is scope for extending research activities by developing a well-equipped Research Laboratory in the vacant spaces of the Department.</p>	<p>☹ Being a Government College there is no scope for creating new teaching post without Government approval.</p> <p>☹ Most of the infrastructure and maintenance is dependent on Government Funds.</p> <p>☹ Since, in this region, students are from weak economic backgrounds our challenge is to provide them with modern facilities and a good academic environment to make their future bright.</p>

Future Plans:

- Improvement of Laboratory and Infrastructure.
- Organizing State Level/National Seminar/Symposium.
- Introduction of Add-on Courses, Short-term projects.
- Setting up a Well-equipped Research Laboratory and giving more impetus to research work.

Evaluative Report of the Department of Mathematics

1. Name of the Department: **MATHEMATICS**
2. Year of Establishment: 1875 (General),
1918 (Honours)
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D.,
Integrated Masters, Integrated Ph.D., etc.):

UG (B.Sc. Mathematics Honours and Mathematics General)
4. Names of Interdisciplinary courses and the departments/ units involved: Nil
5. Annual/ semester/choice based credit system (programme wise):

B. Sc. Mathematics Honours: Annual (Part I, Part II and Part III)
6. Participation of the department in the courses offered by other departments:

Mathematics is offered as a General Subject for the following Honours subjects - Physics, Chemistry, Geography and Economics. It is also offered as one of the subjects in the B.Sc. General Course.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	1	0
Associate Professors	5	0
Assistant Professors		3

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 Years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Gobardhan Rano (Joined on 10.08.2009)	M.Sc., Ph.D.	Assistant Professor	Applied Mathematics	5	4	Nil
Subrata Mukhopadhyay (Joined on 30.10.2009)	M.Sc.	Assistant Professor	Pure Mathematics	5	Nil	Nil
Dr. Mani Shankar Mandal (Joined on 13.08.2010)	M.Sc., Ph.D.	Assistant Professor	Applied Mathematics	4	4	Nil
B) PRESENT FACULTY (PART TIME)						
Ali Akbar Shaikh (Joined on 10.09.2007)	M.Sc., M.Phil.	Part Time Lecturer	Operational Research (Applied Mathematics)	7	4	Nil
C) TRANSFERRED FACULTY						
Dr. Somnath Bandyopadhyay (Transferred to Maulana Azad College)	M.Sc., M.Phil., Ph.D.	Associate Professor	Pure Mathematics	22	21	Nil
Dr. Krishnendu Dutta (Transferred to Government College on Engineering and Ceramic Technology)	M.Sc., Ph.D.	Assistant Professor	Pure Mathematics	12	14	Nil
Dr. Amalendu Ghosh (Transferred to Chandernagore College)	M.Sc., Ph.D.	Assistant Professor	Pure Mathematics	7	20	Nil

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Table 3

Name of temporary faculty	Designation	Academic Session	Total No. of classes in the Departmental Routine	Total No. of classes taught by temporary faculty	Percentage of classes taught by temporary faculty
Ali Akbar Shaikh	Part Time Lecturer	2013-14	75	10	13%

13. Student-Teacher Ratio (programme wise):

Table 4

Academic Session	Program	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2013-14	UG Hons.	164	4	41:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 5

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	0	0
Administrative Staff			
Non-technical Staff	Group-D	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 6

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./ D.Litt.	-
Ph.D.	2
M.Phil.	1
PG	1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

One Minor Research Project completed in last six years.

Table 7

Principal Investigator	Title of the Project	Funding Agency	Year of Completion	Grants Received (in Rs)
Dr. Amalendu Ghosh	“Einstein-Weyl Structure and Twister Derivative on Riemannian Manifolds”	UGC	2011	1,94,000/-

18. Research Centre / facility recognized by the University: None

19. Publications:

Total No. of Publications (2008-14, during the teachers’ tenure at Krishnagar Government College) = 13

Total No. of Permanent Faculty (2008-14) = 3 (Existing) + 3 (Transferred) = 6

Publication per Faculty (2008-14) = $13/6 = 2.2$

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year-wise publication of the Dept.	-	-	-	2	3	3	5	13
No. of papers published in peer reviewed journals by faculty and students	-	-	-	2	3	3	5	13
No. of publications listed in International Database	-	-	-	2	3	3	5	13
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	-	-
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees: Nil

b) International Committees: Nil

c) Editorial Boards One

Dr. Gobardhan Rano is a member of the Board of Editors of *Conscientia*, the academic journal of Krishnagar Government College.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department:

Table 9

Sl. No.	Name of the Eminent Academician	Designation and Affiliation	Purpose of Visit	Date
1	Prof. Prasanta Kumar Chaudhury	Retired Teacher	Delivering UGC-CPE lecture	28.02.2011
2	Dr. Somnath Bandyopadhyay	Associate Professor, Maulana Azad College	Delivering UGC-CPE lecture	28.09.2012
3	Dr. Partho Karmaker	Bethune College, Kolkata	Delivering Lecture	28.06.2014

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) National: Nil
b) International: Nil

26. Student profile programme/ course wise:

Table 10

Name of the Course/ programme Mathematics Honours	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
			*M	*F		
Session						
2009-10	378	55	42	13	44 (2012)	90%
2010-11	439	55	40	15	49 (2013)	69%
2011-12	450	60	45	21	37 (2014)	72%
2012-13	550	66	49	17	Not Yet Appeared	Not Available
2013-14	844	66	51	15	Not Yet Appeared	Not Available

*M - Male, *F - Female

27. Diversity of Students

Table 11

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Mathematics (Honours) as in the last five academic sessions	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 12

Name of the Competitive Examinations	No. of students passed
NET	Data not available
SET	Data not available
Others (Civil Services, Defense services, etc.)	Data not available

29. Student progression:

Table 13

Student progression	Against % enrolled
UG to PG	No Data Available
PG to M. Phil.	No Data available
PG to Ph. D.	No Data available
Ph.D. to Post-Doctoral	No Data available
Employed	
• Campus selection	No campus recruitment
• Other than campus recruitment	No Data available
Entrepreneurship/ Self-employment	No Data available

30. Details of Infrastructural facilities

a) **Library:**

The department has its own Seminar Library.

b) **Internet facilities for Staff & Students:**

Available.

c) **Class rooms with ICT facility:**

There is no separate classroom with ICT facility.

d) **Laboratories:**

The UGC-CPE Funded Computer Network Centre is used for holding practical classes.

31. **Number of students receiving financial assistance from college, university, government or other agencies:**

Table 14

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full-Free Studentship	2009-10	05	04	01
	2010-11	04	03	01
	2011-12	05	04	01
	2012-13	04	03	01
	2013-14	07	03	04
Half-Free Studentship	2009-10	04	02	02
	2010-11	07	06	01
	2011-12	05	05	00
	2012-13	05	05	00
	2013-14	06	04	02

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Table 15

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/ Resource Person/ Speaker
Special Lecture	28.02.2011	“Applications of Operation Research”	UGC-CPE	Prof. Prasanta Kumar Chaudhury
Special Lecture	28.09.2012	“Limit-Continuity and Differentiability”	UGC-CPE	Dr. Somnath Bandopadhyay
State Level Seminar	28.06.2014	“Basic Mathematics”	Nadia Mathematical Society	Dr. Partha Karmaker

33. Teaching methods adopted to improve student learning

Besides the traditional Lecture Method, the teachers make extensive use of ICT tools like Overhead projectors, screens etc. for power point presentations. Students are allowed to access internet to download study material.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The departmental teachers and the students actively participate in different socially relevant programmes like Blood Donation Camp, Thalassaemia Detection Camp, etc. organized by the NSS unit of the college.

35. SWOC analysis of the department and Future plans

See next page.

Table 16

Strengths	Weaknesses
<p>☺ Well-qualified dedicated teachers.</p> <p>☺ The teachers are engaged in high quality research works as evinced by their publications in many international journals of repute.</p> <p>☺ A separate Computer Network Centre built from the CPE Grant.</p>	<p>☹ Shortage of teaching staff in the last six years. The Professor post in the department is lying vacant for a long time.</p> <p>☹ Though the Department has a separate building, it requires more space for proper functioning.</p>
Opportunities	Challenges
<p>☺ There is an opportunity for the teachers to be engaged in collaborative research projects with reputed institutions.</p> <p>☺ The department needs to extend its scope of research in that domain in the near future.</p>	<p>☹ Shortage of staff is one of the major problems of the department. It has always been a challenge to share the burden of teaching and related works among the few staff of the department.</p> <p>☹ The number of female students in the department is considerably low. The challenge is to motivate the female students in the department and guide them in the proper way.</p>

Future Plans:

- To organize a UGC sponsored National Level seminar in the near future.
- To upgrade the Departmental Library.
- To upgrade the Computer Network Centre.

Evaluative Report of the Department of Botany

1. Name of the department: **BOTANY**
2. Year of Establishment: 1984
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG (Botany Honours and General)
4. Names of Interdisciplinary courses and the departments/ units involved:
Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science.
5. Annual/ semester/ choice based credit system (programme wise):
UG - Annual System
6. Participation of the department in the courses offered by other departments:
Botany as General subject for Zoology and Physiology Hons. students.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	7	1
Assistant Professors		4

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

See next page.

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Samir Kumar Paul	M.Sc., Ph.D.	HOD, Assistant Professor	Microbiology	12	10	Nil
Dr. Pintu Banerjee	M.Sc., B.Ed., Ph.D.	Assistant Professor	Microbiology	11 yrs 7 months	18	Nil
Dr. Asok Ghosh	M.Sc., B.Ed., Ph.D.	Assistant Professor	Taxonomy of Angiosperms	8	14	Nil
Dr. Sharmistha Maity	M.Sc., Ph.D.	Assistant Professor	Cytogenetics	7 yrs 4 months	16	Nil
B) FACULTY ON LIEN						
Dr. Soumen Bhattacharjee (On Lien from Oct, 2013)	M.Sc., Ph.D.	Associate Professor	Plant Physiology, Biochemistry and Molecular Biology	11	13	1 student
C) TRANSFERRED FACULTY						
Dr. Asim Mitra (Released on Dec, 2010)	M.Sc., Ph.D.	Associate Professor	Mycopathology	28	30	Nil
Dr. Debabrata Mukhopadhyaya (Released on May, 2011)	M.Sc., Ph.D.	Associate Professor	Plant Physiology and Biochemistry	15	12	Nil
Dr. Tripti Roy (Released on Jan, 2012)	M.Sc., Ph.D.	Associate Professor	Plant Physiology and Biochemistry	15	12	Nil
Dr. Ashoke Bhattacharya (Released on Dec, 2013)	M.Sc., Ph.D.	Assistant Professor	Taxonomy and Pollen Biology	8	18	Nil
Dr. Tulika Talukder (Released on Jan, 2014)	M.Sc., Ph.D.	Assistant Professor	Cytogenetics	11	13	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student-Teacher Ratio (programme wise):

Table 3

Academic Session	Programme	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2009-10	UG (Hons.)	84	7	12:1
2010-11	UG (Hons.)	86	7	12:1
2011-12	UG (Hons.)	96	6	16:1
2012-13	UG (Hons.)	103	5	21:1
2013-14	UG (Hons.)	107	4	27:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 4

Post		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	0	0
Administrative Staff			
Non-technical Staff	Group-D + Sweeper	4+1	3+1

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 5

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	5
M.Phil.	-
PG	-

16. Number of faculty with ongoing projects from

- a) National: 02 (One Major Project and one Minor Project)
- b) International funding agencies and grants received: Nil

Table 6

Faculty	Type of project	Title of Project	Funding Agency	Period	Grant received (Rs.)
Dr. Soumen Bhattacharjee (on Lien)	Major Research Project	Understanding the Relationship Between Oxidative Stress, Growth and Yield Potential with Special Reference to Chemical Management of Oxidative Stress for Augmenting Productivity in Rice (<i>Oryza sativa</i> , cultivar Ratna and SR 26B)	UGC	2012 on-wards	Total Grant - 7,65,300/- Received Till date – 4,40,000/- (Transferred to University of Burdwan)
Dr. Asok Ghosh	Minor Research Project	Morpho-anatomical analysis of <i>Carex</i> L. and some other members of Cyperaceae of West Bengal with the help of statistical methods	UGC	Implemented on May 2014 and continuing	Total Grant - 3,25,000/- Received till date: 2,25,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Table 7

Faculty	Type of project	Title of Project	Funding Agency	Period	Grant received (Rs.)
Dr. Pintu Banerjee	Minor Research Project	“Study of medicinal plant diversity with special emphasis on folklore medicinal plant of Nadia district and assessment of their antimicrobial activity”	UGC [Reference no. – F. PSW-085/10-11 (ERO), Dated – 20-Oct-2010]	Oct, 2010 to 2012	1.65 lakhs

Table contd. on next page.

Table 7 (contd.)

Faculty	Type of project	Title of Project	Funding Agency	Period	Grant received (Rs.)
Dr. Sharmistha Maity	Minor Research Project	“Development of suitable <i>in vitro</i> regeneration technique of some medicinally important tree legumes”	UGC [Reference No. - PSW-069/11-12 (ERO) Dated 10.10.2011]	Oct. 2011 to 2013	1.71 lakhs
Dr. Ashoke Bhattacharya (Transferred Faculty)	Minor Research Project	“Impacts of Canopy position plants age and pollinators on pre-pollination pollen viability of <i>Tectona grandis</i> L.”	UGC	2011-2013	1,72,000/-
Dr. Tulika Talukder (Transferred Faculty)	Minor Research Project	“A comparative study on Morpho-anatomical features of Cypselas in some members of Compositae and their phylogenetic relevance using numerical analysis”	UGC	2011-2013	1,22,500/-

18. Research centre/ facility recognized by the University:

Nil

19. Publications:

See next page.

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 40

Total No. of Permanent Faculty (2008-14) = 5 (Existing/On Lien) + 5 (Transferred) = 10

Publication per Faculty (2008-14) = 40/10 = 4.0

Table 8

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total yearwise publication of the Dept.	1	1	2	5	12	12	7	40
No. of papers published in peer reviewed journals by faculty and students	1	1	2	1	8	8	4	25
No. of publications listed in International Database	1	1	2	1	8	12	4	29
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	4	-	4
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	1.63	0.95	1.344	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated:

Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

Table 9

Name of Faculty	International/ National Committee	Editorial Board	Other	Membership / Year
Dr. Pintu Banerjee	Life member of "Association of Microbiologists of India"	Member of GB (As Teachers' Representative) of this College	-	-
Dr. Asok Ghosh	Member of Indian Science Congress Association	-	-	-
Dr. Sharmistha Maity	Life member of "Association of Microbiologists of India"	Member of the editorial board of The Journal 'Conscientia'	Member of GB (Vice Chancellor's Nominee) of Nabadwip Vidyasagar College	-

22. Student projects:

Table 10

Session	% of students who have done in-house projects including inter-departmental programme		% of students placed for projects in organizations outside the institution		
	Compulsory Environmental Studies	Other	Research Laboratories	Industry	Other agencies
2009-10	100	-	-	-	-
2010-11	100	-	-	-	-
2011-12	100	-	-	-	-
2012-13	100	-	-	-	-
2013-14	100	-	-	-	-

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department:

Table 11

Eminent academician/ scientist/ visitor	Affiliation	Purpose of visit	Year
Prof. S. Bhattacharya	Hooghly Mohsin College, West Bengal	Speaker in Departmental Seminar	2011
Prof. Monilal Ghosh	Itachuna College, Hooghly	Speaker in Departmental Seminar	2012
Prof. J. Adhikary	Higher Education Department, Govt. of West Bengal	Speaker in Departmental Seminar	2012

25. Seminars/ conferences/ workshops organized & the source of funding:

- a) National: Nil
b) International: Nil

26. Student profile programme/ course wise:

Table 12

B.Sc. Hons. (Botany)	Applications received	Selected	Enrolled		No. Of Students appeared in the Final Exam of the Same Batch	Pass Percentage
			*M	*F		
2009-10	380	38	22	16	26 (2012)	88%
2010-11	414	38	26	12	15 (2013)	53%
2011-12	473	39	22	17	19 (2014)	68%
2012-13	480	37	21	16	Not Yet Appeared	Not Applicable
2013-14	568	40	24	16	Not Yet Appeared	Not Applicable

*M - Male, *F - Female

27. Diversity of Students:

Table 13

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
UG (Honours + General)	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services etc.?

Table 14

Competitive Examinations	2009-10	2010-11	2011-12	2012-13
NET	-	-	1	-
GATE	-	1	-	1
School service	2	-	3	-
Indian Army + BSF etc.	2	3	2	1

29. Student progression:

Table 15

No. of Students enrolled (Year of Enrolment)	No. of Students graduating (Year of Graduation)	Student Progression Against % Enrolled						
		UG to PG	PG to M. Phil.	PG to PhD	Ph.D to Post-Doctoral	Employed		Entrepreneurship/ Self-employment
						Campus Selection	Other than Campus Recruitment	
(2006)	24 (2009)	8	Data not available.					
(2007)	24 (2010)	7	Data not available.					
(2008)	24 (2011)	10	Data not available.					
25 (2009)	24 (2012)	9	Data not available.					
30 (2010)	28 (2013)	8	Data not available.					
30 (2011)	17 (2014)	7	Data not available.					

30. Details of Infrastructural facilities:

a) Library:

Departmental seminar library contains **753 books**. The Department Seminar has a good stock of text books and reference books for use by the students. Both Indian and Foreign books are available. In last five years **500** new books were purchased. Books are regularly issued to students under the supervision of one of our faculty member.

- Books purchased under CPE Program – 28
- Journals purchased under CPE Program

b) Internet facilities for Staff & Students:

The Department is also equipped with **E-mail** and internet facility to provide students and faculties updated information in the field of Botany.

c) Class rooms with ICT facility:

Department has three computers and one lecture theatre having LCD-Smart Board projection system.

d) Laboratories:

- There are a centralised Instrument Room having sophisticated and modern instruments like UV-Visible Spectrophotometer, Trans-illuminator and PCR machine, BOD incubator required for research work.
- Departmental Instrument Room having Cold centrifuge, hot plate, autoclave, hot water bath etc.
- Additionally, there are five laboratories with a total area of 184.95 m².
 - 1) Lab 1 – 10 m × 5 m = 50 m²
 - 2) Lab 2 – 7.25 m × 5 m = 36.25 m²
 - 3) Biochemistry, Physiology and Mol. Biology – 10 m × 6m = 60 m²
 - 4) Lab 4 – Microbiology and Plant tissue culture
 - 5) Lab 5 – 5.3 m × 7.3 m = 38.7 m²
- The Laboratories contain enough instruments like pH-meter, Hot water bath, Double Distillation apparatus, BOD and Hot air oven, etc. for use by the students.
- The department has one rich museum with about 150 preserved specimens, and more than 500 slides.
- One computer cum instrument room, two galleries, two lecture theatres, two teachers' room with attached toilet, one chamber for Head of the Department, and two toilets - one each for male and female students. Additionally, one common room for girls with Aquaguard is there.

31. Number of students receiving financial assistance from college, university, government or other agencies:

See next page.

Table 16

Name of the Scholarship/ Studentship	Session	No. of Students receiving financial assistance		
		Total	Male	Female
Full Free Studentship	2009-10	03	0	03
	2010-11	Nil	Nil	Nil
	2011-12	03	01	02
	2012-13	03	02	01
	2013-14	03	02	01
Half Free Studentship	2009-10	03	0	03
	2010-11	Nil	Nil	Nil
	2011-12	01	01	00
	2012-13	01	0	01
	2013-14	04	02	02

There are different scholarships from government and other agencies which the students can avail. These scholarships are disbursed centrally and not channelized through the academic departments. The records are also kept centrally.

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

- The participation of students in Inter-collegiate events related to Botany is promoted and assisted.
- Counseling and career guidance is given to the students.
- Students are encouraged to participate in the National Competitive examinations.

33. Teaching methods adopted to improve student learning:

Classroom teaching coupled with web based contents using projection by OHP or LCD, models and charts. Continuous assessment, organized feedback from students further improves the teaching techniques. Hands on experience in the respective fields is provided to the students in the form of field visits, trips etc. Projects for UG students are done and group discussion are also organized

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Table 17

Student participation in Academic Excursions			
UG students	Excursion	Sundarban	2009-10
UG	Excursion	Vishakhapatnam	2010-11
UG	Excursion	Digha	2011-12
UG	Excursion	Darjeeling	2012-13
UG	Excursion	Darjeeling	2013-14

- Dr.Ashoke Bhattacharya Assistant Professor, Dept. of Botany was involved in teaching and preparation of students for *Entry in Service Program* courses for preparation for competitive exam.
- a) Teachers of the Dept. are active in NSS Program.
- b) Teachers are involved in teaching in courses for preparation for competitive exams - NET, SET, GATE, SSC etc.

35. SWOC analysis of the department and Future plans:

Table 18

Strengths	Weaknesses
<ul style="list-style-type: none"> ☺ Efficient, sincere and hardworking team of faculty members. ☺ A well-equipped laboratory. ☺ Computer with internet facility. ☺ Student strength is increasing. ☺ Sufficient space for development. 	<ul style="list-style-type: none"> ☹ No research centre. ☹ Vacant Non teaching support staff. ☹ Lack of research interest among students.
Opportunities	Challenges
<ul style="list-style-type: none"> ☹ To develop a proper Herbarium and an Orchidarium. ☹ To develop Research centre. ☹ Improvement of Library. 	<ul style="list-style-type: none"> 🔥 To promote hard work and uplift the scholastic capacities of students through appropriate motivation is a major challenge. 🔥 To cultivate research aptitude UG students is yet another challenge.

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.
- In the next five years the Botany department is planned to establish a local herbarium.
- To establish a medicinal and aromatic plant garden.
- A proper Tissue Culture Laboratory.
- Mushroom culture room.
- The Department has also the desire to provide the free coaching in the subject Botany for various competitive exams to facilitate students for job opportunities.
- The department has also planned to register flora and traditional knowledge about the plants of Krishnagar Sub-division in collaboration with Bengal Biodiversity.

Evaluative Report of the Department of Zoology

1. Name of the department: **ZOOLOGY**
2. Year of Establishment: 1984 (UG), 2010 (PG)
3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
 - UG (Honours and General Courses)
 - PG (Specialization: Parasitology or CytoGenetics and Molecular Biology)
4. Names of Interdisciplinary courses and the departments/ units involved:

Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science.
5. Annual/ semester/ choice based credit system (programme wise):

UG - Annual System, PG - Semester System
6. Participation of the department in the courses offered by other departments:

Zoology as a General subject for Botany and Physiology Honours students.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors	7	0
Assistant Professors		7

Guest Faculty - Three, Part-time Faculty - One

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Jayati Ghosh	M.Sc., Ph.D.	HOD, Assistant Professor	Parasitology	13	16	Nil
Ivy Kundu	M.Sc., B.Ed.	Assistant Professor	Endocrinology	8	3	Nil
Sujit Kr. Bhowal	M.Sc.	Assistant Professor	Cytogenetics & Molecular Biology	8	10	Nil
Sumana Das	M.Sc.	Assistant Professor	Endocrinology	10	5	Nil
Dr. Basuli Maitra	M.Sc., Ph.D.	Assistant Professor	Cytogenetics	7.5	5	Nil
Dr. Enamul Haque	M.Sc., Ph.D.	Assistant Professor	Entomology, Immunology	7	10	Nil
Urmi Mitra	M.Sc., B.Ed.	Assistant Professor	Parasitology	5.5	4	Nil
B) PRESENT FACULTY (PART TIME)						
Dr. Sumana Tarafder Mukherjee	M.Sc., Ph.D.	Part-time Lecturer	Environmental Biology	-	8	Nil
C) PRESENT SENIOR GUEST FACULTY						
Prof. (Dr.) Kamales Mishra	M.Sc., PhD.	Former Professor, R. B. C. College, Naihati				
Dr. Madhusudan Ghosal	M.Sc., PhD.	Former Reader, Calcutta University				
Prof. (Dr.) C. R. Sahu	M.Sc., PhD.	Former Professor, Kalyani University				

Table contd. on next page.

Table 2 (contd.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
C) TRANSFERRED FACULTY						
Somnath De (Released on 06.1.2009)	M.Sc.	Assistant Professor	Fish & Fishery	4	4	Nil
Dr. Jayanta Kumar Biswas (Released on 25.10.2010)	M.Sc., PhD.	Assistant Professor	Ecology	14	17	Nil
Dr. Debajyoti Chakrabarty (Released on 28.09.2011)	M.Sc., PhD.	Associate Professor	Fishery	21	24	Awarded - 1, Registered - 1
Antara Kar (Released on 09.01.2012)	M.Sc., B.Ed.	Assistant Professor	Cytogenetics & Molecular Biology	7	7	Nil

11. List of senior visiting faculty:

Table 3

Name	Topic Taught
Prof. Chittaranjan Sahu, Retired Prof. of Kalyani University	Developmental Biology, Toxicology
Prof. Madhusudan Ghosal, Ex. Vice. Principal, Surendra Nath College	Chordate Biology, Biochemistry, Physiology
Dr. Kamales Kumar Misra, Ph.D. Department of Zoology, R. B. C. College, Naihati	Parasitology, Animal behavior, Evolutionary Biology

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

See next page.

Table 4

Name	Programme	% of Lectures delivered and practical classes handled							
		2010-11		2011-12		2012-13		2013-14	
		T	P	T	P	T	P	T	P
Dr. Sumana Tarafder Mukherjee	1H	4	0	3	0	3	0	4	0
	2H	7	4	8	4	5	2	4	4
	3H	8	4	7	3	6	4	7	3
	1P	0	4	0	3	0	3	0	4
	2P	0	3	0	3	0	3	0	3
	3P	0	0	0	0	0	0	0	0
	PG	7	8	8	9	7	8	8	10
Dr. Kamales Mishra	PG	9	2	9	2	8	2	8	0
Dr. Madhusudan Ghosal	PG	4	0	8	0	5	0	4	0
Dr. C. R. Sahu	PG	6	5	8	6	6	5	6	4

1/2/3H - B.Sc. 1st/2nd/3rd Year (Hons.), 1/2/3P - B.Sc. 1st/2nd/3rd Year (Pass),
PG - Post Graduate, T - Theory, P - Practical

13. Student-Teacher Ratio (programme wise):

Table 5

Academic Session	Programme - B.Sc. Zoology Hons.	No. of Students	No. of Teachers	Student-Teacher Ratio
2009-10	UG (Hons.)	68	6	11:1
2010-11	UG (Hons.)	70	6	12:1
	PG	33	6	6:1
2011-12	UG (Hons.)	89	6	15:1
	PG	33	6	6:1
2012-13	UG (Hons.)	98	6	16:1
	PG	31	6	6:1
2013-14	UG (Hons.)	101	7	14:1
	PG	32	7	5:1

14. Number of academic support staff (technical) and administrative staff sanctioned:

Table 6

Post		Sanctioned	Filled	Name
Academic Support Staff (technical)	Group-C	0	0	-
Administrative Staff				
Non-technical Staff	Group-D + Sweeper	5 + 1	2 + 1	1. Dilip Kr. Basu 2. Ramprasad Dutta 3. Sitaram Das

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 7

Highest Qualification	No. of Teaching Faculty (Present)
D.Sc./D.Litt.	-
Ph.D.	7
M.Phil.	-
PG	4

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Ongoing Project:**Table 8**

Year	Project	Amount
2013-14	Sujit Kr.Bhowal: West Bengal Biodiversity Board, Kol- 700106, Project – “Inventorization of Sacred Groves in Nadia district of West Bengal”, Approved and Sanctioned vide memo no. 143/5K (Bio)-1/ 2014, dated 26.02.2014	Rs.1.40 lakhs

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

See next page.

Completed Projects:**Table 9**

Year	Project	Amount
2009-10	Antara Kar: UGC Minor Research Project	Rs. 1.66 lakhs
2010-11	Urmi Mitra: UGC Minor Research Project – “Study of the microbicidal activity in the serum of Toads (<i>Duttaphrynus melanostictus</i>) [<i>Bufo melanostictus</i> Schneider 1799]”, PSW-084/10-11 (ERO), dated 20.10.2010	Rs. 1.94 lakhs
2011-12	Dr. Jayati Ghosh: UGC Minor Research Project – “Studies on the diversity of <i>Nyctotherus ovalis</i> associated with hind gut of cockroach, <i>Periplaneta americana</i> using PCR-based 18s rDNA analysis”, PSW-041/11-12 (ERO), dated 03.08.2011	Rs. 1.92 lakhs
2012-13	Dr. Basuli Maitra: UGC Minor Research Project – “Assessment of Environmental Stress through Study on Polytene Chromosomes of Chironomid larvae in Aquatic habitats”, PSW-070/11-12 (ERO)	Rs. 1.87 lakhs

18. Research centre/ facility recognized by the University: Nil

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 24

Total No. of Permanent Faculty (2008-14) = 7 (Existing) + 4 (Transferred) = 11

Publication per Faculty (2008-14) = 24/11 = 2.2

See next page for Table.

Table 10

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	1	10	4	3	3	3	-	24
No. of papers published in peer reviewed journals by faculty and students	1	7	2	1	2	2	-	15
No. of publications listed in International Database	1	9	2	1	3	2	-	18
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	2	-	-	1	-	-	3
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	3.458	12.554	-	-	-	4.8	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated:

Nil

21. Faculty as members in

a) National Committees, b) International Committees, c) Editorial boards

Table 11

Faculty	Serving in a) National Committees, b) International Committees, c) Editorial boards d) any other
Dr. Jayati Ghosh	1. Life Member of "The Indian Society for Parasitology" and "Journal of Natural History" 2. Faculty Council member of PG Department of Zoology of Kalyani University 3. Member of Editorial Board of The Journal <i>Conscientia</i>
Sujit Kr. Bhowal	Life Member of Zoological Society, Calcutta
Ivy Kundu	1. Life Member of Zoological Society, Calcutta 2. Life Member of Indian Science Congress
Urmi Mitra	Life Member of Zoological Society, Calcutta

22. Student projects

a. Percentage of students who have done in-house projects including inter departmental/ programme:

i) 100% students in 1st year honours (under graduate level) have done ENVIS projects.

ii) 100% students in Post graduate are engaged in in-house projects and Review work for partial fulfillment of M.Sc. degree in their special paper.

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ industry/ other agencies:

- 50% Post graduate students (Cytogenetic special paper) in the year 2011 and 2012 were sent for training to following Institutions
 - a) Immunology and Immunodiagnostic lab, CNCI, Calcutta for training in ELISA and Cell Culture Lab
 - b) West Bengal University of Science & Technology, Biotechnology lab for training in PCR and Gel electrophoresis

23. Awards/ Recognitions received by faculty and students:

Student Awards:

1. Students of B.Sc. third year (H) Zoology stood First in a Quiz Competition ZOOQUEST, 2013 held on May 25, 2013 organized by The Zoological Society, Kolkata and Department of Zoology, University of Calcutta in association of West Bengal Biodiversity Board.
2. Students of B.Sc. (H) Zoology won the Intra college Cricket Competition in 2014.

24. List of eminent academicians and scientists/ visitors to the department:

Table12

Sl. No.	Name	Affiliation
1	Dr. S. K. Gupta	D.Sc., Retd., Jt. Director, Zoological Survey of India
2	Prof. T. Midya	Ex Professor of Presidency College, Kolkata

25. Seminars/ Conferences/ Workshops organized & the source of funding:

Year	Funded by	Seminar topic and Presenting Faculty
2009	UGC	Seminar on Chromosome Man and Chironomus by Prof. T. Midya
2010	KU	Workshop on ENVIS
2011	UGC	Seminar on Biodiversity by PROF. T. Bhattacharya
2012	UGC -CPE	Seminar on Human Molecular genetics by Prof. T. Midya
2012	UGC-CPE	Seminar on Acarines in relation to morphology, habitat and life-history by Prof. S.K. Gupta

26. Student profile programme/ course wise:

Table 13

Year	Name of the Course/ Programme	Applications received	Selected	Enrolled		No. of Students appeared in the Final Exam of the Same Batch	Pass Percentage
				*M	*F		
2009-10	B.Sc.	N.A.	39	28	11	15 (2012)	80%
	M.Sc.	-	-	-	-	NA	NA
2010-11	B.Sc.	N.A.	25	14	11	21 (2013)	66%
	M.Sc.	-	20	8	12	17 (2012)	100%
2011-12	B.Sc.	640	35	21	14	26 (2014)	80%
	M.Sc.	222	20	6	14	13 (2013)	100%
2012-13	B.Sc.	728	39	17	22	Not Yet Appeared	Not Applicable
	M.Sc.	246	20	5	15	15 (2014)	96%
2013-14	B.Sc.		40	20	20	Not Yet Appeared	Not Applicable
	M.Sc.		20	6	14	Not Yet Appeared	Not Applicable

*M - Male, *F - Female, NA - Not Available

27. Diversity of Students:

Table 14

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
UG	95%	5%	-
PG	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Table 15

Department	Competitive Examinations	2009	2010	2011
Zoology	NET	-	2	1
	GATE	-	1	-
	School service	2	2	-
	Others			1

29. Student progression:

Table 16

Student progression	Against % enrolled
UG to PG	2009 - 15% 2010 - 17% 2011 - (7 out of 35) 20% 2012 - (9 out of 39) 23% 2013 - (8 out of 39) 20.5%
PG to M. Phil.	Nil
PG to Ph. D.	5%
Ph. D to Post-Doctoral	Nil
Employed	
➤ Campus selection	
➤ Other than campus recruitment	2%
Entrepreneurship/ Self-employment	Data not available

B.Sc. Students

Session	Name	Placement
2009	Sahina Parvin	School teacher
	Arpita Biswas	SRF in Kalyani University
	Ananya Ali	JRF in Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)
	Rahul Biswas	School teacher
2010	Kaushik Ghosh	JRF
	Snigdha Biswas	School teacher

2011	Saheli Ali	JRF in Kalyani University
2012	Debanjan Saha	Agriculture Dept. Krishnagar, Nadia

30. Details of Infrastructural facilities:

a) Library:

Departmental seminar library contains about 300 books. The Department Seminar has a good stock of text books and reference books for use by the students. Both Indian and Foreign books are available. In last five years 213 new books were purchased. Books are regularly issued to students under the supervision of one of our faculty member.

- Books purchased under CPE Program - 28
- Journals purchased under CPE Program - Annual Review of Genetics, Indian Journal of Experimental Biology, Proceedings of Zoological Society, Journal of Bioscience.

b) Internet facilities for Staff & Students:

The department has four computers (Desktop) and two Laptop for both staff and students. One computer is equipped with E-mail and internet facility to provide students and faculties updated information in the field of Zoology.

c) Class rooms with ICT facility:

Department has two classrooms with and one lecture theatre having LCD projection system

d) Laboratories:

I) There is a centralised Instrument Room having sophisticated and modern instruments like UV-Visible Spectrophotometer, Trans-illuminator and PCR machine, BOD incubator required for research work.

II) Departmental Instrument Room having Cold centrifuge, hot plate, autoclave, hot water bath etc.

Additionally, there are four laboratories with a total area of 184.95 m².

- 1) Dissection Lab 1
- 2) Dissection Lab 2
- 3) Histology, Biochemistry and embryology Laboratory
- 4) Ecology and Physiology Laboratory

- The Laboratories contain enough instruments like pH-meter, Hot water bath, Double Distillation apparatus and Hot air oven etc. for use by the students.
- The department has one rich museum with about 200 invertebrate and vertebrate specimens, 20 models and more than 150 slides. Collection of Students from field and one full-sized human skeleton is present.
- One computer cum instrument room, two galleries, two lecture theatres, one teachers' room with attached toilet, one chamber for Head

of the Department, two toilets- one each for male and female students. Additionally, one common room for girls with aqua guard is there.

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 17A: HALF FREE STUDENTSHIP

Year	UG			PG		
	Male	Female	Total	Male	Female	Total
2009-10	Nil			PG course was not started		
2010-11	Nil			Nil		
2011-12	1	1	2	Nil		
2012-13	Nil			1	0	1
2013-14	Nil			Nil		

Table 17B: FULL FREE STUDENTSHIP

Year	UG			PG		
	Male	Female	Total	Male	Female	Total
2009-10	1	0	1	Nil		
2010-11	2	0	2	Nil		
2011-12	3	0	3	Nil		
2012-13	1	2	3	1	1	2
2013-14	0	1	1	Nil		

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

- 2009 Seminar on Chromosome Man and Chironomus by Prof. T. Midya
 2010 Workshop on ENVIS
 2011 Seminar on Biodiversity by Prof. T. Bhattacharya
 2012 Seminar by Prof. T. Midya & Prof. S.K. Gupta

- The participation of students in Inter-collegiate events related to Zoology is promoted and assisted.
- Counseling and career guidance is given to the students.
- Students are encouraged to participate in the National Competitive examinations.

33. Teaching methods adopted to improve student learning:

Classroom teaching coupled with web based contents using projection by OHP or LCD, models and charts. Continuous assessment, organized feedback from students further improves the teaching techniques. Hands on experience in the respective fields is provided to the students in the form of field visits, trips etc. Projects for PG students are done and group discussion are also organized.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The NSS winter special Camp, 2014 was organized by NSS-Unit I and Unit II of Krishnagar Govt. College.

- Ms Urmi Mitra, Assistant Professor, Deptt. of Zoology was NSS Program officer during the session and Ms Ivy Kundu, Assistant Professor, Deptt. of Zoology also participated in the program
- Sri Sujit Bhowal, Assistant Professor, Deptt. of Zoology was involved in teaching and preparation of students for **Entry in Service Program** courses for preparation for competitive exam.

Table 18

Participants	Nature	Place of visit	Year
B.Sc. 3 rd Year (H)	Quiz Competition ZOOQUEST	Zoological Society, Kolkata	2013
B.Sc. 3 rd Year (H)	Quiz Competition ZOOQUEST	Zoological Society, Kolkata	2014
Student participation in Academic excursion			
UG II and PG II	Excursion	Dooars, Jaldapara Wild life Sanctuary	2012
UG II	Excursion	Digha	2012
PG II	Excursion	Bethuadahari Wild life Sanctuary	2013
UG II	Excursion	Alipore Zoo	2013
UG II and PG II	Excursion	Ballavpur Wild life sanctuary	2014

35. SWOC analysis of the department and Future plans:

Table 19

Strengths	Weaknesses
<p>☺ The Department has efficient, sincere, competent and hardworking team of faculty members. Power to accept challenges and mutual respect and good relationship.</p> <p>☺ Students have shown commendable performance in University Examinations.</p> <p>☺ A well-equipped laboratory.</p> <p>☺ Sufficient space for development.</p> <p>☺ Department has its own internet facility.</p> <p>☺ Very rich Seminar Library.</p> <p>☺ The Department has a rare collection of museum specimen.</p>	<p>☹ Fund crunch.</p> <p>☹ Vacant Non teaching support staff.</p> <p>☹ Lack of research interest among students.</p> <p>☹ Low Full time Faculty strength.</p> <p>☹ Low teacher student ratio.</p>
Opportunities	Challenges
<p>☺ Teachers are actively engaged in research activities.</p> <p>☺ All round development of students through academic, extra-curricular activities, study tours and excursions.</p> <p>☺ Regularly organized seminars and workshops on even outside curriculum to orient students towards higher studies and research.</p> <p>☺ Consultation sessions for students to prepare them for public examination like NET, SET, SSC, etc.</p>	<p>☹ To promote hard work and uplift the scholastic capacities of students through appropriate motivation.</p> <p>☹ To cultivate research aptitude among UG and PG students.</p> <p>☹ Limited freedom in deploying innovative teaching methods due to syllabus and time constraints arising from the (1+1+1) examination system adopted by the University of Kalyani.</p> <p>☹ With increasing number of seats over the years there is a major problem in conducting practical classes due to lack of space and faculty member.</p>

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.

Evaluative Report of the Department of Physiology

1. Name of the Department: **PHYSIOLOGY**

2. Year of Establishment: UG Pass - 1988,
UG Honours - 1998

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG

4. Names of Interdisciplinary courses and the departments units involved:

Environmental Science (1 Paper in UG); Depts. involved: Chemistry, Botany, Zoology, Physiology, Geography and Political Science

5. Annual/ semester/ choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments:

Physiology is offered as a General subject for Botany and Zoology Honours students.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/ programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	1	0
Associate Professors	6	2
Assistant Professors		3

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Dr. Indrani Chakraborty (Joined on 01.10.2013)	M.Sc., Ph.D. Post-Doc, USA	Associate Professor	Immunology & Microbiology	15	13 (Full time, 8 yr Post-Doc) 15, as faculty	Registered Two
Dr. Dipak Das (Joined on 01.03.2007)	M.Sc., Ph.D.	Associate Professor	Biochemistry	15	15	Nil
Kuntal Gupta (Joined on 01.02.2007)	M.Sc.	Assistant Professor	Nutrition & Dietetics	6	-	Nil
Dr. Sarmishtha Chanda (Joined on 09.09.2014)	M.Sc., Ph.D.	Assistant Professor	Molecular Biology and Bio-Physics	6	13	Nil
Achintya Mohan Goswami (Joined on 13.04.2010)	M.Sc.	Assistant Professor	Endocrinology & Reproductive Biology	4	-	Nil
B) TRANSFERRED FACULTY						
Dr. Shubha Bose Banerjee (Released on 04.05.2010)	M.Sc., Ph.D.	Assistant Professor	Immunology & Microbiology	7	5	Nil
Dr. Asis Pandit (Released on 18.11.2013)	M.Sc., Ph.D.	Associate Professor	Work Physiology & Ergonomics	24	12	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student-Teacher Ratio (programme wise):

Table 3

Academic Session	Programme - B.Sc. Hons.	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2009-10	1H	18	4	4:1
	2H	18	4	4.1
	3H	18	4	4:1
2010-11	1H	24	4	6:1
	2H	24	4	6.1
	3H	24	4	6.1
2011-12	1H	13	4	3.1
	2H	13	4	3.1
	3H	13	4	3.1
2012-13	1H	25	4	6:1
	2H	25	4	6.1
	3H	25	4	6.1
2013-14	1H	23	4	6:1
	2H	23	4	6.1
	3H	23	4	6.1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Table 4

Category of Staff		Sanctioned	Filled
Academic Support Staff (technical)	Group-C	1	0
Administrative Staff			
Non-technical Staff	Group-D	1	1

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 5

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./D.Litt.	-
Ph.D.	3
M.Phil.	-
PG	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

One Minor Research Project ongoing (Table 6).

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

Table 6

Faculty	Type of project	Title of Project	Funding Agency	Period	Grant Sanctioned (Rs.)
Kuntal Gupta	Minor Research Project	“A Comparative Study of the Fatty Acid Composition of Colostrums and Breast Milk of Mothers of Normal and Low Birth Weight Babies”	UGC	May 2014- May 2016	3,00,000/-

18. Research Centre/ facility recognized by the University:

Nil

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 20

Total No. Permanent Faculty (2008-14) = 5 (Existing) + 2 (Transferred) = 7

Publication per Faculty (2008-14) = $20/7 = 2.8$

Table 7

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year wise publication of the Dept.	-	2	3	4	1	6	4	20
No. of papers published in peer reviewed journals by faculty and students	-	2	2	1	-	6	4	15
No. of publications listed in International Database	-	2	2	2	-	6	4	16
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	1	-	-	-	-	1
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	6.197	5.232	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated:

Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Table 8

Name of Faculty	International/ National Committee	Editorial Board	Other	Membership / Year
Dr. Indrani Chakraborty	-	-	1) Physiological Society of India (PSI) 2) Indian Association of Biomedical Scientists (IABMS)	Life Member, since 2009 Life Member, since 2009
Dr. Dipak Das	-	-	-	-
Kuntal Gupta	Indian Science Congress Association	-	-	Life Member since 2013
Achintya Mohan Goswami	Society of Biological Chemistry, India.	-	-	Life Member, 2011

22. Student projects:

Table 9

Session	% of students who have done in-house projects including inter-departmental programme		% of students placed for projects in organizations outside the institution		
	Compulsory Environmental Studies	Other	Research Laboratories	Industry	Other agencies
2009-10	100	-	-	-	-
2010-11	100	-	-	-	-
2011-12	100	-	-	-	-
2012-13	100	-	-	-	-
2013-14	100	-	-	-	-

23. Awards / Recognitions received by faculty and students:

Table 10

Sl. No.	Name of Faculty	Year	Award/ Recognition
1	Dr. Indrani Chakraborty		Rockefeller Foundation Fellowship, U.S.A. Rockefeller Institute, New York, University of Kansas Medical Center, Kansas, U.S.A.
2	Achintya Mohan Goswami	2011	NCNN, University of Madras Invention Award, Bangalore

24. List of eminent academicians and scientists/ visitors to the department:

Table 11

Sl. No.	Eminent academician/ scientist/ visitor	Affiliation	Purpose of visit	Year
1	Prof. Goutam Pal	Dean of Science, Professor in Physiology Kalyani University, Nadia	Speaker in Departmental Seminar	2012
2	Dr. Pubali Dhar	Dept. of Home Science, Calcutta University	Speaker in Departmental Seminar	2012

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National: Nil
 b) International: Nil

26. Student profile programme/course wise:

Table 12

Name of the Course/ programme	Session	Applications received	Selected	Enrolled		No. of Students Appeared in the Final Exam of the Same Batch	Pass percentage
				*M	*F		
B.Sc. Physiology (Hons.)	2009-10	271	25	15	10	17 (2012)	93%
Do	2010-11	284	25	21	4	18 (2013)	66%
Do	2011-12	327	25	16	9	13 (2014)	60%
Do	2012-13	318	33	26	7	Not Appeared	N.A.
Do	2013-14	328	33	21	12	Not Appeared	N.A.

*M - Male, *F - Female, N.A. - Not Applicable

27. Diversity of Students:

Table 13

Name of the Course	Period	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. (Hons.)	2009-14	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

See next page.

Table 14

Year of Graduation	No. of Students who have qualified in Competitive Examination			
	NET	SLET/SET	GATE	Others
2009	-	NA	-	-
2010	-	NA	-	-
2011	-	NA	-	-
2012	01	NA	-	-
2013	-	NA	-	-
2014	-	NA	-	-

29. Student progression:

Table 15

No. of Students enrolled (Year of Enrolment)	No. of Students graduating (Year of Graduation)	Student Progression Against % Enrolled						
		UG to PG	PG to M. Phil.	PG to Ph.D.	Ph. D. to Post - Doctoral	Employed		Entrepreneurship / Self-employment
						Campus Selection	Other than Campus Recruitment	
18 (2006)	18 (2009)	12	NA	NA	NA	-	-	-
24 (2007)	24 (2010)	16	NA	NA	NA	-	-	-
13 (2008)	13 (2011)	8	NA	NA	NA	-	-	-
25 (2009)	25 (2012)	19	NA	NA	NA	-	-	-
23 (2010)	25 (2013)	18	NA	NA	NA	-	-	-
15 (2011)	15 (2014)	9	NA	NA	NA	-	-	-

30. Details of Infrastructural facilities

- a) Library: Seminar Library
 b) Internet facilities for Staff & Students: Available
 c) Class rooms with ICT facility: One
 d) Laboratories: 6, Lecture Theater - 1, Gallery - 1,
 Health Check Up Room -1

31. Number of students receiving financial assistance from college, university, government or other agencies:

Table 16

Session	No. of Students receiving financial assistance					
	Half-free fellowship			Full-free fellowship		
	M	F	Total	M	F	Total
2009-10	-	-	Nil	-	-	Nil
2010-11	-	-	Nil	02	-	02
2011-12	-	-	Nil	01	01	02
2012-13	-	-	Nil	01	01	02
2013-14	01	-	01	-	-	Nil

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts:

Table 17

Student Enrichment Programme	Held on	Title	Funding Agency	External Expert/Resource Person/Speaker
Departmental Seminar	2011	Search of Functional Food: Indian Perspective	UGC-Grant	Dr. Pubali Dhar
Departmental Seminar	2012	Climate Change and Human Health	UGC-CPE Grant	Prof. Goutam Pal

33. Teaching methods adopted to improve student learning:

- i) Tutorial Lectures
 ii) Remedial Classes
 iii) Special Lectures during Puja Vacation

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Table 18

Activity	Date	Participating Students	Supervising Faculty
Health check up camp to Kalyani	19.01.2009	1 st Year Hons. 2 nd Year Hons. 3 rd Year Hons.	Dr. Asis Kr. Pandit and Dr. Dipak Das
Field study to Vidyanagar Burdwan	02.03.2009	3 rd Year Hons.	Dr. Asis Kr. Pandit and Dr. Dipak Das
Field study to Gangtok and adjacent areas	15.06.2009 - 19.06.2009	3 rd Year Hons.	Dr. Subha Bose Banerjee and Sri. Kuntal Gupta
Field study to Digha and adjacent areas	01.02.2011 - 04.02.2011	3 rd Year Hons.	Dr. Asis Kr. Pandit and Dr. Dipak Das
Field study to Java and adjacent areas	01.02.2012	3 rd Year Hons.	Dr. Asis Kr. Pandit and Sri. Achintya Mohan Goswami
Educational Tour to Sports Authority of India (SAI) Kolkata	27.09.2012	1 st Year Hons. 2 nd Year Hons 3 rd Year Hons.	Dr. Asis Kr. Pandit, Dr. Dipak Das, Sri. Kuntal Gupta and Sri. Achintya Mohan Goswami
Field Study Tour to Darjeeling and adjacent areas	10.01.2013 - 14.01.2013	3 rd Year Hons.	Sri. Kuntal Gupta Sri. Achintya Mohan Goswami

35. SWOC analysis of the department and Future plans:

See next page.

Table 19

Strengths	Weaknesses
<p>☺ At present there are four highly competent full time teachers, two of them having teaching experience of around sixteen years at degree & PG level and research experience of about twenty six years. They have a good number of publications in peer reviewed journal. They are capable of handling laboratory classes and can conduct students' project successfully. Rest two having teaching experience four to seven years and all are actively involved in research.</p> <p>☺ Well equipped laboratories for Undergraduate courses.</p> <p>☺ Good seminar library</p>	<p>☹ Lack of lecture hall and separate laboratory for introducing PG course and research work.</p> <p>☹ No separate room for seminar library and reading room for students.</p> <p>☹ No instrument room for delicate instruments.</p> <p>☹ Shortage of teaching and non-teaching staff (Group-C, D, laboratory assistant)</p> <p>☹ Lack of Computer room with computer and internet facilities for students</p>
Opportunities	Challenges
<p>☺ Physiology course covers multi discipline area like molecular biology, bioinformatics, biotechnology, biochemistry, biophysics besides system biology which enrich students in different areas and help them in research at multi discipline area and obtaining job in Pharmaceutical Company, Hospitals, Pathological laboratories, R&D of different company as research scholar, scientist, project assistant etc.</p>	<p>☹ To create more space for laboratory and research unit to introduce Post Graduate course in Physiology and also project and research work.</p> <p>☹ West Bengal Government has already started the process of recruitment to fill up the teaching vacancies.</p> <p>☹ Skilled laboratory assistant should be recruited for smooth running of the department.</p>

Future Plans:

- Proposal for extension of building for new laboratory, instrument room, seminar library, research facilities are under preparation.

Evaluative Report of the Department of Statistics

1. Name of the Department: **STATISTICS**
2. Year of Establishment: 1981
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):
UG General
4. Names of Interdisciplinary courses and the departments/ units involved:
Nil
5. Annual/ semester/ choice based credit system (programme wise):
B. Sc. (General): Annual (Part I, Part II and Part III)
6. Participation of the department in the courses offered by other departments:
Statistics is offered as a General Subject for the following Honours subjects - Mathematics, Economics and Physics.
7. Courses in collaboration with other universities, industries, foreign institutions, etc:
Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Table 1

	Sanctioned	Filled
Professors	0	0
Associate Professors		0
Assistant Professors	2	2

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

Table 2

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				Teaching	Research	
A) PRESENT FACULTY (PERMANENT, FULL TIME)						
Subrata Rana (Joined on 10.09.2014)	M.Sc.	Assistant Professor	Bio-Statistics	1 month	3	Nil
Goutam Barman (Joined on 19.09.2014)	M.Sc.	Assistant Professor	Applied Statistics and Informatics	1 month	Nil	Nil
B) TRANSFERRED FACULTY						
Tanusree Banerjee (Released on 09.10.2014 to join Bethune College, Kolkata)	M.Sc.	Assistant Professor	Multivariate Analysis and Design of Experiment	13	Nil	Nil

11. List of senior visiting faculty:

None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Not Applicable

13. Student-Teacher Ratio (programme wise):

Table 3

Academic Session	Programme	No. of Students	No. of Teachers (at the beginning of Session)	Student-Teacher Ratio
2013-14	UG Gen	14	1	14:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Table 4

Post	Sanctioned	Filled
Academic support staff (technical)	0	0
Administrative staff	0	0

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./PG:

Table 5

Highest Qualification	No. of Teaching Faculty (Existing)
D.Sc./ D.Litt.	-
Ph.D.	0
M.Phil.	0
PG	2

16. Number of faculty with ongoing projects from

a) National

b) International funding agencies and grants received:

None

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:

None

18. Research Centre / facility recognized by the University:

None

19. Publications:

Total No. of Publications (2008-14, during the teachers' tenure at Krishnagar Government College) = 2

Total No. of Permanent Faculty (2008-14) = 2 (Existing) + 1 (Transferred) = 3

Publication per Faculty (2008-14) = $2/3 = 0.67$

Table 6

Publications	2008	2009	2010	2011	2012	2013	2014	Total
Total year-wise publication of the Dept.	-	-	-	-	1	-	1	2
No. of papers published in peer reviewed journals by faculty and students	-	-	-	-	-	-	-	-
No. of publications listed in International Database	-	-	-	-	-	-	-	-
Monographs	-	-	-	-	-	-	-	-
Chapter in Books	-	-	-	-	-	-	-	-
Books Edited	-	-	-	-	-	-	-	-
Books with ISBN/ISSN numbers with details of publishers	-	-	-	-	-	-	-	-
Citation Index	-	-	-	-	-	-	-	-
SNIP	-	-	-	-	-	-	-	-
SJR	-	-	-	-	-	-	-	-
Impact factor	-	-	-	-	-	-	-	-
h-index	-	-	-	-	-	-	-	-

N.B. For Full List of Publications of the Faculty, See Annexure-1

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees: Nil

b) International Committees: Nil

c) Editorial Boards Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme:

100% students of Part I successfully complete Environmental Projects as per the guidelines of the affiliating university.

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/ visitors to the department: Nil

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/ course wise: Not Applicable.

27. Diversity of Students:

Table 7

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. (General)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Not Applicable

29. Student progression: Not Applicable

30. Details of Infrastructural facilities

a) Library: Not Available.

b) Internet facilities for Staff & Students: Not Available.

c) Class rooms with ICT facility: There is no separate classroom with ICT facility.

d) Laboratories: Not Applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning:

Consulting rare books, research articles, e-journal, using Power Point Presentations in the class.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Departmental teachers and the students actively participate in different socially relevant programmes like Blood Donation Camp, Thalassemia Detection Camp, etc. organized by the NSS unit of the college.

35. SWOC analysis of the department and Future plans:

Table 8

Strengths	Weaknesses
<p>☺ Good relation between teachers and students.</p> <p>☺ Demand for Statistics General among the students of Economics Honours and Mathematics Honours.</p>	<p>☹ Lesser number of students.</p>
Opportunities	Challenges
<p>☺ There is opportunity for introducing Honours course in Statistics.</p> <p>☺ Ensuring good placement.</p>	<p>☹ Maintenance of teaching standard and improvement of student quality.</p>

Future Plan:

- To introduce Honours Course in the near future.

SECTION F: Post Accreditation Initiatives

The college was accredited with Grade A (CGPA: 3.14) in Cycle I of NAAC Accreditation on 16 September, 2008. The Peer Team suggested some major points for quality enhancement and maintenance of the institute. As the first necessary measure for quality assurance, the Internal Quality Assurance Cell (IQAC) was established on 10th December, 2008. During the next five years, the IQAC took a major role in the quality enhancement and maintenance of the institute. It emerged as the regularly functioning unit to sustain the quality of academic excellence. It has prepared AQARs of the college of four subsequent academic sessions (2009-2010, 2010-2011, 2011-2012 and 2012-2013) and submitted those in time as far as practicable.

Soon after being bestowed with Grade A by NAAC, the college applied for College with Potential for Excellence (CPE) Status to the University Grant Commission and was subsequently considered being eligible for CPE Phase I in 2010. The UGC-CPE grant of Rupees 1 crore was utilized by the college for overall development of the institute keeping in mind the valuable suggestions of NAAC Peer Team Committee Report. The college has also applied for the continuation of the CPE status in Phase II.

The following are the post accreditation initiatives inclusive of the initiatives taken under the UGC-CPE scheme.

- Introduction of PG courses in Zoology from the 2010-2011 academic session.
- Introduction of complete online admission both in UG and PG courses from 2013-2014 academic session.
- Introduction of UGC funded a) Remedial Coaching for SC/ST and OBC (non-creamy layer) students and b) Entry in Services for SC/ST and OBC (non-creamy layer) students.
- Establishment of UGC-CPE funded Communication/Language Laboratory in the Department of English.
- Major thrust was given to ICT enabled teaching-learning process. A CPE funded Computer Network Centre has been developed jointly under the supervision of the Departments of Physics and Mathematics. It has been beneficial for the students in holding practical classes and practical examinations of these departments.
- The CPE Grant was utilized to introduce the Digital Learning Centre in the Post Graduate Department of Philosophy with the installation of necessary devices. The Digital Learning Centre has now turned into a fully functioning unit where lectures, seminars etc take place regularly. It is also used as an e-classroom.
- The laboratories in the science departments are upgraded through the CPE Grant. Many valuable scientific instruments have been purchased to augment the laboratories.
- Upgradation of the library as the Learning Resource. Installation of LIBSYS software has certainly helped the automation of the Central Library. The CPE Grant has been utilized in purchasing two Fumigation

Chambers (one for Insect and other for Insect and Fungus control). Cataloguing of books has also been done.

- One of the major post-accreditation initiatives is the beginning of publication of “Conscientia”, the academic journal of the college. The journal has already earned an ISSN number 2278-6554. The regular publication of the journal has created a flurry of research interest among the teachers of the institute.
- The college has established a Health Care Centre through the UGC-CPE Grant. The students and teachers undergo regular health check ups, including blood group testing. A Thalassemia detection test was also conducted recently.
- Free drinking water testing is conducted jointly by the departments of Chemistry and Botany.
- The teachers are encouraged to apply for Major and Minor Research Projects from different funding agencies to promote the culture of research activities in the institute. At present, there are 10 ongoing Minor Research Projects and One Major Research Project.
- More importance was given to NSS activities in recent times. Adoption of villages, organizing blood donation camps and offering free health check ups to the inhabitants of surrounding villages are some of the prime measures taken by the NSS in recent years.
- The college has also organized some value based education seminars in the college to promote the importance of moral integrity among the students and staff of the college.
- The college has also recently applied for DBT Star College Status for the science departments.

The institution believes that perfect excellence is never achieved, but if the desire and goodwill are strong enough it can surely be approached. The post-accreditation initiatives are taken to promote quality enhancement in every sphere of institutional development. These steps were considered imperative for quality assurance and enhancement. These might not cover all the required steps; not all of them were completely executed till date. But, we confidently affirm that in times to come we shall continue in this journey for approaching excellence. Energetic leaps towards increasing enlightenment and success symbolizes the ultimate strife for attainment of knowledge.

SECTION G:
Annexure - I

ANNEXURE – I
(LIST OF PUBLICATIONS OF KRISHNAGAR GOVERNMENT COLLEGE, 2008-2014)

1. POST GRADUATE DEPARTMENT OF BENGALI

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Snigdha Bandyopadhyay	Monographs	1) “Ekti Ashama Bandhutyer Golpo”, S. Bandyopadhyay , In “ <i>Shaibal Mitra: Phire Dekha</i> ” [ISBN: 978-81-295-2180-4], Eds. Sabyasachi Deb and Shreya Mitra, Dey’s Publishing, 13, Bankim Chatterjee Street, Kolkata - 700073, p 18.	2014	-	-	-	-	-
		2) “Ghater Katha: Chhoto Shaibal Mitra ar Tnar ‘Gora’”, S. Bandyopadhyay , In “ <i>Shaibal Mitra: Phire Dekha</i> ” [ISBN: 978-81-295-2180-4], Eds. Sabyasachi Deb and Shreya Mitra, Dey’s Publishing, 13, Bankim Chatterjee Street, Kolkata - 700073, pp 241-245.	2014	-	-	-	-	-
Dr. Ranku Das	Other Journals	1) “1972-er Tarun Natyaprojanma: Syed Waliullah”, R. Das , ‘Open Eyes’ <i>Journal of A. R. L. Mahavidyalaya</i> [ISSN: 2249-4332], Vol. 7, No. 1 & 2, June-Dec-2010, pp 88-105.	2010	-	-	-	-	-
		2) “Kathakar Abu Ishak: Surya Dighal Bari Theke Padmar Pali Dweep”, R. Das , <i>Korak Sahitya Patrika</i> , Boimela, 2011 (Bengali Musalman Byakti o Byaktitwa), R.N.- 41092-82, pp 301-312.	2011	-	-	-	-	-
		3) “Astiter Jibanbed: Oupanyasik Syed Waliullah”, R. Das , <i>Pounapunik</i> [ISBN: 978-81-92246000], Ed. Narayan Halder, pp 208-232.	2011	-	-	-	-	-
		4) “Rabindra Chotogalpe Palli Bimukhata: Binsha Shatabdir Prekshite”, R. Das , <i>Proceedings - UGC Sponsored National Seminar on Rabindranath Tagore Nationalism and Internationalism</i> [ISBN: 978-81-92290201], Organized by S. S. College of Education.	2011	-	-	-	-	-
		5) “Antartam Pathik Bandhu o Kabi”, R. Das , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), pp 77-86.	2012	-	-	-	-	-
	Monographs	1) “Tini Hashen (Rabindranath Smaran)”, R. Das , <i>Smaranika</i> , 13 th Kalyani Book Fair.	2009	-	-	-	-	-
		2) “Ashrami - Swami Vivekananda - 2012”, R. Das , <i>Smaranika</i> , 15 th Kalyani Book Fair.	2011	-	-	-	-	-
		3) “Chitrnayak: Gajan Sanyasi, Aaj Robbar”, R. Das , <i>Abar Yugantar Dainik Patrika</i> , 28 th April-2013, RNI No- WBBEN/2012/47596, p 10.	2013	-	-	-	-	-

Dr. Ranku Das	Chapter in Books	1) "Chelebela: Jibananudhyaner Prothom Dhap", R. Das , In " <i>Bangla Shishu o Kishor Sahitye Adhunik Bichar</i> " [ISBN: 978-81-89827-14-4], Ed. Prabir Pramanik, Bangiya Sahitya Sansad, pp 237-241.	2010	-	-	-	-	-
		2) "Madhyayuger Sahitya: Manusher Sandhane, Manobatabad", R. Das , In " <i>Pragadhunik Bangla Sahitya</i> " [ISBN: 978-81-922989-0-0], Ed. Rejaul Islam, pp 395-403.	2012	-	-	-	-	-
		3) "Swami Vivekananda: Ek Prayogik Anusandhan", R. Das , In " <i>Swami Vivekananda o Bartamankale Tnar Prasongikata</i> " [ISBN: 978-31-61484101], Ed. Dr. Biswajit Karmakar, pp 42-48.	2013	-	-	-	-	-
		4) "Tulsi Das Ram - Ramayan, Santinath Dhandai ar Dhandhai Charit Manas", R. Das , In " <i>Dhandhai Charit Manas Abataler Atmajigyasa</i> " [ISBN: 978-93-89016242], Ed. Debabrato Biswas, Pragya Bikash, pp 29-38.	2014	-	-	-	-	-
	Books with ISBN/ISSN numbers with details of publishers	'Oupanyasik Syed Waliullah' [ISBN: 818-43-80577], R. Das , Bhasa o Sahitya, 10/2 B, Ramanath Majumdar Street, Kolkata -700009.	2012	-	-	-	-	-
Indrani Goswami	Other Journal	"Patrika Sampadane Meyera ebong Patrikay Meyeder Katha: Prasanga Siksha", I. Goswami , <i>Itihas Anusandhan</i> [ISBN: 978-81-910874-2-0], 26 , pp 987-993.	2012	-	-	-	-	-
	Chapter in Book	"Kabitar Pratibadi Swar: Kabita Singha", I. Goswami , In " <i>Narir Prithibi O Bangla Kabita</i> " [ISSN: 978-93-83018-06-2], Sampadana - Sk. Kamal Uddin, Granthabikash, 59/1A, Patuatola Lane, Kolkata -700009 pp 34-39.	2013	-	-	-	-	-
Dr. Panchanan Mandal	Other Journals	1) "Bimal Karer Tinti Galpo: Atmahananer Govire, Jiban Baran", P. Mandal , <i>Probaho Tista Torsha</i> , Sharadiyo-1418 (B), pp 14-23.	2011	-	-	-	-	-
		2) "Rabindranath Abonindranath Sangrihito Charay Khukur Sthan o Bhumika", P. Mandal , <i>Chitrakalpo Journal</i> [ISSN: 0971-8583], Barsha-31, Sankha-41, pp 10-17.	2012	-	-	-	-	-
		3) "Samaresh Basur Nayan Purer Mati: Jibandrishti o Samajbiksha", P. Mandal , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), pp 68-76.	2012	-	-	-	-	-
		4) 'Niraloke Phote Sundarer Rajpat: Amar Chakrabortir Kabita' P. Mandal , <i>'Muktalipi' Patrika</i> , 26 April, p 2.	2012	-	-	-	-	-
		5) "Rabindra Sahitye Mahamanab: Manabata Bader Aloke", P. Mandal , <i>Probaho Tista Torsha</i> , Sharadiyo-1420, pp 37-42.	2013	-	-	-	-	-
		6) "Path o Proyoger Samasya Katiye Bhasar Proti Bhalobasa", P. Mandal , <i>Dwiralap-65 Journal</i> [ISSN: 0975-5608], pp 12-13.	2013	-	-	-	-	-

		7) “Akhando Samay Ananto Jibankatha: Ekush Sataker Bangla Upanyas”, P. Mandal , <i>Dwiralap-66 Journal</i> [ISSN: 0975-5608], pp 7-8.	2013	-	-	-	-	-
		8) “Janmoshatabarshe Kabi Dinesh Das o Tnar Kabita”, P. Mandal , <i>Pashchimbango Bijnanmancho Patrika</i> , Krishnagar Branch, 1420 (B), pp 29-32.	2013	-	-	-	-	-
	Chapter in Books	1) “Anubhabe Byanjonay Mohakaler Rather Ghora”, P. Mandal , In “ <i>Mohakaler Rather Ghora, Krantikaler Katakatha</i> ” [ISBN: 978-93-81-684-11-5], Progna Bikash, Ed. Debabrato Biswas, pp 158-170.	2012	-	-	-	-	-
		2) “Putul Nacher Rahasya Mayota Jiban Mrityur Itikatha”, P. Mandal , In “ <i>Bangla Upanyase Pratibader Bhasha</i> ” [ISBN: 978-81-92368-5-6], Ekush Satak, Ed. Debabrato Biswas, pp 272-289.	2012	-	-	-	-	
		3) ‘Tapodhir Bhattacharya ebang Baraker Adhunik Kabita’, P. Mandal , In “ <i>Bachan ar Naishabder Jugolbandi Tapodhir Bhattacharyer Kabita</i> ” [ISBN: 978-93-81858-30-1], Patralekha Publishing, Ed. Samir Chattopadhyay, pp 50-70.	2012	-	-	-	-	
		4) ‘Mrityur Itihas Jibaner Itihas Baki Itihas’, P. Mandal , In “ <i>Bangla Natake Pratibader Bhasha</i> ” [ISBN: 978-93-83521-17-3], Ed. Debabrato Biswas, Ekush Satak, pp 361-371.	2014	-	-	-	-	

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B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Gorachand Mondal	Other Journal	“Prasanga Bangla Kabyapath”, G. Mondal , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 98-112.	2011	-	-	-	-	-
Nivedita Chakraborty (Dutta)	Other Journal	“Parashuram-Jatin Sener Jugalbandi”, N. Chakraborty (Dutta) , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 123-127.	2011	-	-	-	-	-
Dr. Swapan Kumar De	Other Journals	1) “Sharadindur Aitihāsik Upanyas: Atiter Samajchetana”, S. K. De , Ashoknagar, <i>Pratham Barsha</i> [ISSN: 2347-8101], Pratham Sankalan, Shit 1420B, North 24 Parganas, pp 57-67.	2013	-	-	-	-	-
		2) “Sayad Mustafa Siraj Kichu Katha Kichu Chithi”, S. K. De , <i>Anustup</i> [ISSN: 0974-2697], Ed. Anil Acharya, Shit Sankhya, Barsha-47, Sankhya-2, pp 22-28	2013	-	-	-	-	-

		3) “Amiya Bhushan Majumdar Chithite Kathay”, S. K. De , <i>Anustup</i> [ISSN: 0974-2697], Shit Sankhya, Barsho-48, Sankhya-2, pp 303-312.	2014	-	-	-	-	-
	Chapter in Book	“Bartaman Bharat: Swami Vivekanandar Drishtite Se Kaler Bharat Barsha”, S. K. De , In “ <i>Bishay Vivekananda</i> ” [ISBN: 978-93-83590-35-3], Ed. Amaresh Mandal, Bangiya Sahitya Samsad, Kolkata, pp 85-91.	2014	-	-	-	-	-

2) DEPARTMENT OF ENGLISH

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Samrat Laskar	Peer Reviewed Journal	1) "Nature, Human, Imperialism: An Ecocritical Study of Amitav Ghosh's <i>The Glass Palace</i> ", S. Laskar , <i>Academic Spectrum</i> [ISSN: 0976-9323], 2:2, June 2011, pp 10-17.	2011	-	-	-	-	-
		2) "A Tale of Two (Gotham) Cities: Nolanizing Dickens", S. Laskar , <i>Journal of the Department of English</i> , Vidyasagar University, 2012-13, Vol. 10, 94-101.	2013	-	-	-	-	-
	Listed in International Database	"Amitav Ghosh's <i>The Hungry Tide</i> : Multilayered Translation and Transcultural Communication", S. Laskar , Issue 35 [ISSN: 0975-1815], Jan-Feb 2011. < http://www.museindia.com/regularcontent.asp?issid=35&id=2422 > [This article is listed in EBSCO Host database]	2011	-	-	-	-	
	Chapter in Books	1) "Politics of <i>Odvut</i> : Mimic Identity, Resistance and Retrieval in Select Supernatural Stories of Satyajit Ray." S. Laskar , In " <i>Modern Short Story: Text and Narrative</i> " [ISBN: 978-81-924395-0-1], Krishnagar: Krishnagar Women's College, pp 93-101.	2012	-	-	-	-	-
		2) "Trapped in the Circle: A Postcolonial Critique of "Reason" in <i>The Circle of Reason</i> ." S. Laskar , In " <i>In Pursuit of Amitav Ghosh: Some Recent Readings</i> " [ISBN: 978-81-250-5166-4], Eds. Tapan Kumar Ghosh and Prasanta Bhattacharya. Hyderabad: Orient Blackswan, pp 103-114.	2013	-	-	-	-	-
		3) "Vernacular Nostalgia to Hybrid Pidgins: A Study of Linguistic Bridges in <i>River of Smoke</i> ." S. Laskar , In " <i>In Pursuit of Amitav Ghosh: Some Recent Readings</i> " [ISBN: 978-81-250-5166-4], Eds. Tapan Kumar Ghosh and Prasanta Bhattacharya. Hyderabad: Orient Blackswan, pp 184-94.	2013	-	-	-	-	-
		4) "Of Disease(s) and Elusive Cure(s): A Study of Failed Cultural Interaction in Kunal Basu's <i>The Yellow Emperor's Cure</i> ." S. Laskar , In " <i>Indian Fiction in English: Mapping the Contemporary Literary Landscape</i> " [ISBN: 978-81-8043-108-1], Eds. Dr. Sajal Kumar Bhattacharya, Dr. Arnab Kumar Sinha & Prof. Himadri Lahiri. New Delhi: Creative Books, pp 201-211.	2014	-	-	-	-	-

Dr. Samrat Laskar		5) "Lost(?) in Translation: Translating the Bon Bibi folk in <i>The Hungry Tide</i> ." S. Laskar , Ed. Ketaki Dutta, Burdwan: Avenel Press.	2014	-	-	-	-	-
		6) "The Four (Romantic) Quartets: To Criticize the Poets and Poet-Critics." S. Laskar , New Delhi: Alfa Publication House, Forthcoming.	Forthcoming	-	-	-	-	-
	Other Journals	1) "A Language Unexplored: Treatment of Laskari Language in <i>Sea of Poppies</i> ", S. Laskar , <i>Literature of Criticism</i> [ISSN: 0974-6021], 2008-10, Vol. 7, pp 72-76.	2010	-	-	-	-	-
		2) "The Hidden Passion: A Psychological Study of Incest in Somerset Maugham's "The Book-Bag"", S. Laskar , <i>Pegasus</i> [ISSN: 0975-8488], Eds. Sukanti Dutta and Siddharta Biswas. Kolkata: Pegasus Press, June 2010, pp 47-56.	2010	-	-	-	-	-
		3) "Deep Ecology Versus Ecological Imperialism: Conflict and Choice in James Cameron's <i>Avatar</i> ", S. Laskar , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), pp 85-88.	2011	-	-	-	-	-
		4) "Science-fiction, Supernatural and Generic Hybridity: A Re-Reading of Amitav Ghosh's <i>The Calcutta Chromosome</i> ", S. Laskar , <i>Pegasus</i> [ISSN: 0975-8488], Eds. Sukanti Dutta and Siddharta Biswas. Kolkata: Pegasus Press, Oct. 2012, pp 60-69.	2012	-	-	-	-	-
Roopamala Saha	Chapter in Books	1) "Translating Short Stories into Films: Tagore's <i>Teen Kanya</i> ", R. Saha , In " <i>Modern Short Story: Text and Narrative</i> " [ISBN: 978-81-924395-0-1], Krishnagar: Krishnagar Women's College, pp 115-123.	2012	-	-	-	-	-
		2) "Translation and Globalization: As Study", R. Saha , Ed. Ketaki Dutta, Burdwan: Avenel Press.	2014	-	-	-	-	-
	Other Journals	1) "Problems of 'Being' in <i>Alice Tales</i> ", R. Saha , <i>Conscientia</i> [ISSN: 2278-6554], 1 (2), 89-92.	2011	-	-	-	-	-
		2) "Literature to Films: Adaptations and Experiments", R. Saha , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3) 87-90.	2012	-	-	-	-	-

B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Subhajit Sen Gupta	Peer Reviewed Journal	1) "You Should be Women": Witchcraft and Forms of Subversion in <i>Macbeth</i> .' S. Sen Gupta , <i>Journal of Drama Studies</i> , Vol. 4, No. 2, pp 87-110.	2010	-	-	-	-	-
		2) "Book Review of <i>Transforming a White Australia: Issues of Racism and Immigration</i> ." By Laksiri Jayasurya. S. Sen Gupta , <i>Journal of the Department of English</i> , Vidyasagar University, 2011-12, Vol. 9, pp 169-73.	2012	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	
	Chapter in Books	1) "Yet herein will I imitate the Sun": Prodigal Son as Self-Educating Scholar in 1 and 2 <i>Henry IV</i> .' S. Sen Gupta , In " <i>Scholars in Shakespeare: A Postmodern Scrutiny</i> ", Ed. B. S. Dahiya and M. Sharma. Kurukshetra: The Shakespeare Association, pp 147-161.	2011	-	-	-	-	-
		2) "You Must Needs Play Pyramus": Festive Practice and the Thesean Aesthetic in <i>A Midsummer Night's Dream</i> .' S. Sen Gupta , In " <i>Subalterns in Shakespeare: A Postcolonial Review</i> ", Ed. A. Prakash. Kurukshetra: The Shakespeare Association, pp 191-206.	2011	-	-	-	-	-
		3) "On Water and On Shore." S. Sen Gupta , In " <i>Survival and Other Stories: Bangla Dalit Fiction in Translation</i> ", Ed. S. P. Singha and I. Acharya. Hyderabad: Orient Blackswan, pp 64-71.	2012	-	-	-	-	-

3) DEPARTMENT OF SANSKRIT

PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Sanchita Kundu	Other Journals	1) "The Main Sources of the Upanishads", S. Kundu, <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 94-97.	2012	-	-	-	-	-
		2) "Human Values as Reflected in the Upanishads", S. Kundu, <i>Proceedings of the International Seminar on 'Human Values in Indian Perspective'</i> , organised by Department of Sanskrit, Sidho-Kanho-Birsha University, Purulia, West Bengal on 29 ³⁰ th April, 2014, In Press.	2014	-	-	-	-	-

4) DEPARTMENT OF HISTORY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJR	Impact Factor	h-Index
Dr. Jayasree Mukhopadhyay	Other Journal	"Swami Vivekananda – A True Humanist" in the <i>Annual Souvenir</i> , published by West Bengal Government College Teachers' Association, 2013.	2013	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
	Chapter in Books	1) "Historiography: Resistance to Colonial Rule in India", J. Mukhopadhyay, In " <i>Indian Historiography – An Analysis, Vol II</i> " [ISBN-978-93-82710-03-5], Eds. Dilip Coomer Ghose and Ranjit Sen, Institute of Historical Studies, Kolkata, 2013.	2013	-	-	-	-	-
		2) "Swami Vivekananda Sevdarsher Bastab Rupayan: Ramakrishna Mission Ashrama, Narainpur", J. Mukhopadhyay, In " <i>Itihas Anusandhan-27</i> " [ISBN-978-81-910874-3-7], Ed. Manju Chattopadhyay, Paschimbanga Itihas Sansad, Kolkata, 2013.	2013	-	-	-	-	-

Dr. Jayasree Mukhopadhyay		3) “Swami Vivekananda: The Prophet and Patriot of Indian Nationalism”, J. Mukhopadhyay , In “ <i>Vivekananda as the Turning Point – The Rise of A New Spiritual Wave, Advaita Ashrama</i> ” [ISBN-978-81-7505-372-4], Ed. Swami Shuddhidananda, Mayavati, 2013	2013	-	-	-	-	-
		4) “Vivekananda Manaskanya Bhagini Nivedita”, J. Mukhopadhyay , In “ <i>Swamijir Alope Udbhasita Anuragibrinda</i> ”, Ramakrishna Math, Baranagar, Kolkata, 2013.	2013	-	-	-	-	-
Anjan Saha	Peer Reviewed Journal	“Infrastructural Development under Planning (1951-1966): Railways & Port Facilities in West Bengal”, A. Saha , <i>Historia: Journal of Social Science and Historical Studies</i> [ISSN : 2319-6696], 2011-12, Volume-I, P.G. Department of History, F.C. College, 24-Parganas (South), Kolkata, pp 8-17.	2011	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
	Other Journals	1) “Multinationals & Mineral Wealth: A Historical Evolution in the 19 th & 20 th Century”, A. Saha , <i>Proceedings Volume of UGC – Sponsored International Seminar entitled ‘Globalization, Capitalist Crisis & Inclusive Development: Myths & Reality’</i> , Organized by Lady Brabourne College, Kolkata; on December 22-23, pp 64-76.	2009	-	-	-	-	-
		2) “Revolutionizing Warfare in the Indian Sub-continent: Medieval & Early Modern Perspectives”, A. Saha , <i>Proceedings Volume of UGC-Sponsored State Level Seminar entitled ‘Technologies of Revolution: Society, Economy and Polity’</i> , Organized by Barasat Government College, 24-Parganas (N) on March 4-5, pp 124-130.	2010	-	-	-	-	-
		3) “Emissions Trading as strategy for containing climate change: An Appraisal”, A. Saha , <i>Proceedings Volume of UGC – Sponsored State Level Seminar entitled ‘Environmental Degradation and Strategies for conservation & Management’</i> , Organized by Krishnagar Government College, Nadia; on November 24-25, pp 22-29.	2011	-	-	-	-	-
Chapter in Books	1) “Swadhinatar Prakkale ekti asaphol proyasa: Juktabanga Parikolpona”, A. Saha , In “ <i>Itihaas Anusandhan – XXV</i> ” [ISBN: 978-81-910874-1-3], Kolkata: Paschimbanga Itihas	2011	-	-	-	-	-	

Anjan Saha		Samsad, pp 305-313.						
		2) “Rajyasamuher Punargathan: Prasanga Paschimbanga”, A. Saha , In “ <i>Itihaas Anusandhan –XXIV</i> ” [ISBN: 978-81-910874-3-7], Kolkata : Paschimbanga Itihaas Samsad, pp 392-401.	2012	-	-	-	-	-
		3) “Female Education & Social Reforms in Colonial Milieu: Kanya Mahavidyalaya of Jalandhar – Issues & Challenges”, A. Saha , In “ <i>Metaphorical Visibility: An Indian Perspective</i> ” [ISBN: 978-81-923688-9-4], Ed. Nandita Bagchi, Kolkata: Ekush Shatak, pp 128-139.	2012	-	-	-	-	-
		4) “An Instrument of Control in the Late 19 th Century: English Political Officers and Tribes in the North-Western Frontier of British India”, A. Saha , In “ <i>Exploring New Aspects of Indian History</i> ” [ISBN: 978-93-80663-89-0], Ed. T. S. Kundu, Kolkata: Levant Books, pp 386-406.	2013	-	-	-	-	-
		5) “Ek poisar larai? Trambhara Briddhi Pratirodh Andolon (1953)”, A. Saha , In “ <i>Itihaas Anusandhan – XXVIII</i> ” [ISBN: 978-81-9108714-4-4], Kolkata: Paschimbanga Itihaas Samsad, pp 525-533.	2014	-	-	-	-	-

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B) FACULTY ON LIEN

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Md. Shamim Firdous	Other Journals	“Education in India During the Nineteenth and Twentieth Centuries: A Study”, Md. S. Firdous , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 89-97.	2011	-	-	-	-	-

C) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Balaram Das	Peer Reviewed Journals	“Dutta Paribarar Kabi”, B. Das , <i>Academic Spectrum: A Multi Disciplinary Refereed Journal</i> [ISSN: 0976-9323], Kalyani, Council for Academic Spectrum, Vol. 2 , No. 2.	2011	-	-	-	-	-

	Listed in International Database	-	-	-	-	-	-	-
	Other Journals	“Contribution of Romesh Chunder Dutt in Literature: A Historical Appraisal”, B. Das , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 54-58.	2012	-	-	-	-	-
	Chapter in Books	1) “Sahityik O Oupanyashik Romesh Chandra Dutt”, B. Das , In “ <i>Itihas Anusandhan-25</i> ” [ISBN: 978-81-910874-1-3], Paschimbanga Itihas Sansad, Kolkata, January, 2011.	2011	-	-	-	-	-
		2) “Baroday Sanskarak Hisebe Rameshchndrer Bhumika”, B. Das , “ <i>Itihas Anusandhan-27</i> ” [ISBN: 978-81-910874-3-7], Paschimbanga Itihas Sansad, Kolkata, January, 2013.	2013	-	-	-	-	-

5) POST GRADUATE DEPARTMENT OF PHILOSOPHY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Srimati Mukherjee	Books	Text Book for H. S. Standard, Uchha Madhyamik Darshan, S. Mukherjee , Dey Book Concern, 15, Shyama Charan Dey St., Kolkata-73, vide T.B. No. WBCHSE/ GG45114/ 12/2013-2015, dt. 07.05.2014, Latest Edition in 2014.	2014	-	-	-	-	-
Dr. Susmita Bhattacharya	Peer Reviewed Journal	1) "Philosophy of Physical Transformation in Light of Sri Aurobindo's Yoga", S. Bhattacharya , <i>Jadavpur Journal of Philosophy</i> , 2014 [Accepted]	2014, Accepted	-	-	-	-	-
		2) "Sartiya Naitikata O Mulyabodh: Martha Nussbaumer Pratiprashner Punarbibechna", S. Bhattacharya , <i>Jadavpur Journal of Philosophy</i> , 2014 [Accepted].	2014, Accepted	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
Swati Bhattacharya	Peer Reviewed Journal	"Swami Vivekananda & Universalism in Morality, Awakening with Swami Vivekananda", S. Bhattacharya , <i>Indian Council of Philosophical Research</i> , 2014 [Accepted].	2014, Accepted	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
	Other Journal	"Ecological Crisis: An Analysis", S. Bhattacharya , <i>Philosophica</i> [ISSN: 2249-5053], 2013, Vol. 3, pp 76-80.	2013	-	-	-	-	-

B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Dr. Tamoghna Sarkar	Peer Reviewed Journals	“Jaina Pramānamimāmsā”, T. Sarkar , In <i>Jnāna o Jnānasambitti</i> , Sankalita Ghosh and Preetam Ghoshal (eds.), Mahabodhi Society, Kolkata. ‘Identity in Buddhist Logic’ in <i>Jadavpur Journal of Philosophy</i> , 2014, Accepted.	2014, Accepted	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
	Other Journals	“Understanding Identity”, T. Sarkar , <i>Indian Philosophical Quarterly</i> , Vol. XXXIX, No. 4, 2012.	2012	-	-	-	-	-
	Chapter in Books	“The Nyāya on Identity Relation and Identity Statements”, T. Sarkar , In “ <i>Comparative Philosophy and J.L. Shaw</i> ”, Bilimoria & Hemmingsen (ed.), Springer, 2014 (forthcoming, contract signed).	2014, In Press	-	-	-	-	-
	Books with ISBN No.	<i>Perspectives on Person and Personal Identity</i> , T. Sarkar and M. Sinha Ray (Eds.), Alpana Enterprise, Kolkata, 2014 [ISBN 9788192138251].	2014	-	-	-	-	-

6) DEPARTMENT OF POLITICAL SCIENCE

PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Nabamita Barman	Other Journals	“The State of Indian Democracy - World’s largest and succeeded one, A paradox: proof in favour of S.C. Bose is prescience”, N. Barman , <i>Proceedings of the International Conference on ‘History & Society Development’</i> , organised by International Economic Development & Research Centre (IEDRC), Bangkok, Thailand on 24-25 th November, 2012.	2012	-	-	-	-	-

7) DEPARTMENT OF ECONOMICS

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Dr. Anupam Chakraborti	Other Journal	1) “Samasya Anya Kothao”, A. Chakraborti , <i>Nirantar</i> [ISSN: 2278-7445], Vol. 2-II, July 2012, S.S. Print, Kolkata.	2012	-	-	-	-	-
		2) “Khuchro Bazare Pratyakhhshya Biniyog”, A. Chakraborti , <i>Nirantar</i> [ISSN: 2278- 7445], Vol. 3-II, July 2013, S.S. Print, Kolkata.	2013	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	
	Chapter in Books	1) “Trends of investment in primary education in West Bengal: A Note”, A. Chakraborti , In <i>Indian Economy - Economic Ideas, Development and Financial Reforms</i> [ISBN: 978-81-8450-055-4], Ed. J. Felix Raj- Deep & Deep Publication Pvt. Ltd., New Delhi.	2008	-	-	-	-	-

Dr. Anupam Chakraborti		2) "A Note on Crime and Economic Factors", A. Chakraborti , In <i>Indian Economic Development - Contemporary Issues</i> [ISBN: 978-81-8484-416-7], Ed. D. N. Bhattacharya, Regal Publications, New Delhi, February, 2012.	2012	-	-	-	-	-
Joyjit Dhar	Peer Reviewed Journal	1) "Stock selection skills of Indian mutual fund managers during 2000-2012", J. Dhar , <i>IOSR Journal of Business Management</i> [ISSN: 2319-7668], 2013, Vol.10, No. 10, pp 1-12.	2013	-	-	-	-	-
		2) "Market timing abilities of Indian mutual fund managers: an empirical analysis", J. Dhar and K. Mandal, <i>Decision</i> (Springer) [ISSN: 0304-0941], 2014, Vol. 41, No. 3, pp 299-311.	2014	-	-	-	-	-
	Listed in International Database	3	-	-	-	-	-	
	Chapter in Books	"Investment management of mutual funds: evidence of timing and selectivity from India during 2000-2012", J. Dhar , In " <i>An Application on Computational and Financial Econometrics</i> " [ISBN: 978-93-82951-36-0], Ed. R. P. Pradhan, VGSOM, IIT Kharagpur, New Delhi: Bloomsbury Publishing India Pvt. Ltd, 2013, pp 161-173.	2013	-	-	-	-	-
Parag Chandra	Peer Reviewed Journals	1) "Democratic Deficit in the Globalized World: Issues & Concerns", P. Chandra , <i>Journal of Politics & Governance</i> [ISSN: 2278-473X], Vol. 2, No. 1/2, 2013 (June), pp 283-288.	2013	-	-	-	-	-
		2) "Redefining Role of Government in a Globalized Economy", P. Chandra , <i>Journal of Politics & Governance</i> [ISSN: 2278-473X], Vol. 3, No. 1, 2014 (January-March), pp 28-35.	2014	-	-	-	-	-
		3) "Debunking the myths & debilities: High aspirations from the newly elected government in India", P. Chandra , <i>Journal of Politics & Governance</i> (forthcoming).	2014, Accepted	-	-	-	-	-

Parag Chandra		4) "Capital-Market Rationalization is certainly no paragon of virtues: A Theoretical Review", P. Chandra and S. K. Chakraborty, <i>Indian Journal of Finance</i> (forthcoming).	2014, Accepted	-	-	-	-	-
	Listed in International Database	6	-	-	-	-	-	-
	Chapter in Books	1) "The recent financial crisis: A closer look into the flawed incentives & 'creative' accounting of executives", P. Chandra , In Section-I (Finance & Economics), " <i>Contemporary Issues of Finance & Business Management</i> " [ISBN: 978-93-81212-39-4], Ed. K. M. George, Anil Kumar & Anand Kumar, Bharti Publications, Delhi, pp 73-83.	2013	-	-	-	-	-
		2) "The Analysis of Corruption-Resistant Tax System in Indian Economy", P. Chandra , In <i>Indian Economy: Development Prospects & Perspectives</i> (forthcoming).	2014	-	-	-	-	-

8) POST GRAGUATE DEPARTMENT OF GEOGRAPHY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Prof. (Dr.) Jayasri Ray Chaudhuri (Principal)	Journal	“Normative Values, Population Theories and Population Policymaking”, J. Ray Chaudhuri , <i>Conscientia</i> [ISSN: 2278-6554], Academic Journal of Krishnagar Government College, 2011, 1 (1), pp 69-74.	2011	-	-	-	-	-
Dr. Balai Chandra Das	Other Journals	1) “Form-Ratio of Deltaic Channel: A Case Study of the River Jalangi”, B. C. Das , <i>Conscientia</i> [ISSN: 2278-6554], 2012, 1 (3), 49-53.	2012	-	-	-	-	-
		2) “Bhugolik Bhul: Krishnanagare Karkot Kranti Rekhar Sthananka Nirnoye Vranti”, B. C. Das , <i>Bangaratna</i> (weekly), Reg. No. 2668/57, Postal Reg. No. N. N. DN/WB/NDA-53/2012-2014, 2014, No. 20, pp 3-4.	2014	-	-	-	-	-
		3) “Severe Winter and Too Hot Summer in Krishnagar: Tropic of Cancer is Not Responsible”, B. C. Das , <i>Bangaratna</i> (weekly), Reg. No. 2668/57, Postal Reg. No. N. N. DN/WB/NDA-53/2012-2014, 2014, No. 31, pp 3-4.	2014	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	
	Chapter in Books	1) “Taming Makes Wild”, B. C. Das , In “ <i>Contemporary Issues on Environment & Development in India and Adjacent Countries</i> ” [ISBN: 978-81-928047-2-9], Ed. S. Majumder, Sandhya Prakasan, Kolkata, pp 91-98.	2013	-	-	-	-	-
		2) “Anthropogenic Causes of Channel Shifting and Decaying of Deltaic Rivers: A Study on the River Jalangi”, B. C. Das , In Proceedings of UGC Sponsored National Seminar, “ <i>Application of Modern Techniques for the Management of Contemporary Environmental Hazards and Disasters</i> ” [ISBN: 978-81-929776-0-7], published by Dept. of Geography, Haringhata Mahavidyalaya, Eds. D. K. Khan and S. Nath (Bhadra), pp 92-105.	2014	-	-	-	-	-

		3) "Flood Mitigation and 'Sujala Nadia' vs Urbanization: A Study on Problem and Prospects of Recovering of Anjana River", B. C. Das and S. Saikh, In Proceedings of UGC Sponsored National Seminar, " <i>Application of Modern Techniques for the Management of Contemporary Environmental Hazards and Disasters</i> " [ISBN: 978-81-929776-0-7], published by Dept. of Geography, Haringhata Mahavidyalaya, Eds. D. K. Khan & S. Nath (Bhadra), pp 336-341.	2014	-	-	-	-	-
		4) "Two Indices to Measure the Intensity of Meander", B. C. Das , In Proceedings of IGU Rohtak Conference, " <i>Landscape Ecology and Water Management</i> " [ISBN: 978-4-431-54870-6 (Print), 978-4-431-54871-3 (Online)], Eds. M. Singh, R. B. Singh and M. I. Hassan, Springer, Japan, 2014, Vol. 2, Chapter-17.	2014	-	-	-	-	-
Dr. Ayan Das Gupta	Peer Reviewed Journal	1) "Livelihood of the Gonds - A Socio-cultural Appraisal", A. Das Gupta , <i>Indian Journal of Landscape Systems and Ecological Studies</i> , 31 (2), pp 191-196.	2008	-	-	-	-	-
		2) "A Brief Ethnographic Profile of the Bhil Tribes in India", A. Das Gupta , <i>Indian Journal of Landscape Systems and Ecological Studies</i> , 33 (2), pp 771-780.	2010	-	-	-	-	-
		3) "Joint Forest Management (JFM) in India - Its Rationale and Implications", A. Das Gupta , <i>Indian Journal of Landscape Systems and Ecological Studies</i> , 34 (1), pp 417-426.	2011	-	-	-	-	-
		4) "Role of Multinational Corporations in a Country's Economy – A Brief Overview", A. Das Gupta , <i>The Observer</i> [ISSN: 2230-9535], 49 , pp 26-30.	2011	-	-	-	-	-
	Listed in International Database	4	-	-	-	-	-	
	Other Journal	1) "Biodiversity of Gujarat - A Geographical Account", A. Das Gupta , <i>Proceedings of the UGC Sponsored State Level Seminar on "Biodiversity in India-Perspective, Management and Conservation"</i> , organized by the Department of Geography, Dwijendralal College, Krishnagar, Nadia, pp 30-34.	2012	-	-	-	-	-
		2) "Demographic Issues and Challenges of Jangipur Municipality in District Murshidabad -Spotlight Thrown on Ward No. 10, 11 and 12", A. Das Gupta , <i>Proceedings of the UGC Sponsored State Level Seminar on "Environmental Degradation and Strategies for Conservation and Management"</i> , organized by the Department of	2012	-	-	-	-	-

		Geography, Krishnagar Govt. College, Krishnagar, Nadia, pp 30-36.						
	Chapter in Books	1) "CNG - A Successful Solution for a Sustainable Future", A. Das Gupta , In " <i>Rudiments of Geography Practicals - Vol. I</i> " [ISBN: 8239-9131], Ed. Dr. H. K. Das Gupta, Dove Publishing House, 9/4 Tamer Lane, College Street, Kolkata – 700009, pp 335-342.	2013	-	-	-	-	-
		2) "Role of Self-Help Groups in India - A Detailed Oriented Study of Lights and Shades", A. Das Gupta , In " <i>Rudiments of Geography Practicals - Vol. I</i> ", Ed. Dr. H. K. Das Gupta, Dove Publishing House, 9/4 Tamer Lane, College Street, Kolkata – 700009, pp 315-323.	2013	-	-	-	-	-
Dr. Rajashree Dasgupta	Other Journal	"Threatened Coastline of the Indian Sundarbans: Challenges of the Present Century", R. Dasgupta , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 46-48.	2011	-	-	-	-	-
Suradhuni Ghosh	Peer Reviewed Journal	"Choropleth Maps and their Accuracy for Block-Wise Population Density of Hugli District, West Bengal", S. Ghosh , <i>Geographical Review of India</i> , Kolkata, 2010, 72 (3), pp 312-321.	2010	-	-	-	-	-
	Listed in International Database	-	-	-	-	-	-	-
	Other Journal	"Some Observations on Cartography", S. Ghosh , <i>Conscientia</i> [ISSN: 2278-6554], 2011, 1 (1), 49-51.	2011	-	-	-	-	-

B) PRESENT PART-TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Bhaskar Samanta	Other Journals	"Challenges of Changing Climate & Bio diversity: A Vision for Alpine Sikkim", B. Samanta , <i>Proceeding of the UGC Sponsored State Level Seminar on Bio-diversity in India; Perspective: Management & Conservation</i> , organized by Department of Geography, Dwijendra Lal College Krishnagar, Nadia, 2011.	2011					

C) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Debjani Mitra	Peer Reviewed Journal	“Neighborhood Mapping of Ward No. 87, Kolkata Municipal Corporation: A Tool for Community Participation in Planning”, D. Mitra and H. R. Betal, <i>Indian Cartographer</i> , Vol. 28 , pp 321-324.	2008	-	-	-	-	-
	Listed in International Database	1	-	-	-	-	-	-
Dr. Arindam Dasgupta	Peer Reviewed Journal	1) “Urban Facility - Utility Mapping of Krishnagar Municipality: An Appraisal of Ward-wise Infrastructure Development”, S. Paul and A. Dasgupta , <i>Indian Journal of Landscape Systems and Ecological Studies</i> [ISSN 0971-4170], 31 (2), pp 91-98.	2008	-	-	-	-	-
		2) “Fly Ash and its Impact on Land: A Case Study of Kolaghat Thermal Power Plant, Purba Medinipur, West Bengal”, A. Dasgupta and S. Paul, <i>eTraverse (The Indian Journal of Spatial Science)</i> [ISSN: 2249-4316], 2 (2), pp 2-12.	2011	-	-	-	-	-
		3) “Spatio-Temporal Analysis to Quantify Urban Sprawl using Geoinformatics”, S. Paul and A. Dasgupta , <i>International Journal of Advances in Remote Sensing and GIS</i> [ISSN: 2277-9450], 1 (2), pp 234-248.	2013	-	-	-	-	-
		4) “Analysis of Urban Growth using RS, GIS and Shannon's Entropy in and around Burdwan City, West Bengal, India”, A. Dasgupta and S. Paul, <i>Indian Journal of Spatial Science</i> [e-ISSN: 2249-4316, ISSN: 2249-3921], 4 (2) Winter Issue, pp 71-80.	2013	-	-	-	-	-
	Listed in International Database	4	-	-	-	-	-	-
	Chapter in Books	1) “Impact of Turga Project on Socio-Economic Aspects”, A. Dasgupta , In “ <i>Resource Development and Environmental Change: Agriculture and Food Security</i> ” [ISBN: 81-8069-896-3], Eds. A. Munir and R. Hifazur, Vol. I, Concept Publishing Company Pvt. Ltd., New Delhi - 110059, pp 340-367.	2012	-	-	-	-	-

		2) "Assessment and Mapping of Urban Flood Hazard: A Perception Study of Flood Victims in Nabadwip Municipality, Nadia", A. Dasgupta and S. Paul, In " <i>Social Dimensions of Hazard Management</i> " [ISBN: 81-87500-71-9], Ed. M. Moitra Maiti, ACB Publication House, Kolkata, pp 109-123.	2012	-	-	-	-	-
Rituparna Khan	Peer Reviewed Journal	1) "Border Migration: Its Significance and Impact", R. Khan , <i>Academic Spectrum</i> [ISSN: 0976-9323], 2 (2), pp 116-126.	2011	-	-	-	-	-
		2) "The Himalayas: Silk Road Geopolitics", R. Khan , <i>The Geographer</i> [ISSN: 0072-0909], 58 (2), pp 97-105.	2011	-	-	-	-	-
		3) "Ecofeminist Portrayal of Chipko", R. Khan , <i>Academic Spectrum</i> [ISSN: 0976-9323], 4 (5), pp 24-33.	2013	-	-	-	-	-
	Listed in International Database	3		-	-	-	-	-
	Other Journal	1) "Trafficking in Women in India: a Social Challenge", R. Khan (Bishnu) , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), pp 75-84.	2011	-	-	-	-	-
		2) "A Comparative Analysis of J.N.M. Hospital and E.S.I. Hospital of Kalyani Municipality", R. Khan and Pritam Paul, <i>Conscientia</i> [ISSN: 2278-6554], 2013, Accepted.	2013	-	-	-	-	-
Suman Paul	Peer Reviewed Journal	1) "Urban Facility - Utility Mapping of Krishnagar Municipality: An Appraisal of Ward-wise Infrastructure Development", S. Paul and A. Dasgupta, <i>Indian Journal of Landscape Systems and Ecological Studies</i> [ISSN 0971-4170], 31 (2), pp 91-98.	2008	-	-	-	-	-
		2) "Fly Ash and its Impact on Land: A Case Study of Kolaghat Thermal Power Plant, Purba Medinipur, West Bengal", A. Dasgupta and S. Paul , <i>eTraverse (The Indian Journal of Spatial Science)</i> [ISSN: 2249-4316], 2 (2), pp 2-12.	2011	-	-	-	-	-
		3) "Monitoring Urban Growth Pattern and Its Impact on Neighbouring Villages: A Case Study on Rajarhat Region, West Bengal", S. Paul , <i>International Journal of Current Research</i> [ISSN: 0975-833X], 4 (04), pp 221-226.	2012	-	-	-	-	-
		4) "Factors and Dimensions of Inter-Ward Disparities in Urban Facility - Utility Services in Burdwan City, India", S. Paul , <i>Archives of Applied Science Research - Scholars Research Library</i> [ISSN: 0975-508X], 4 (3), pp 1376-1388.	2012	-	-	-	-	-

5) "Location Allocation for Urban Waste Disposal Site Using Multi-criteria Analysis: A Study on Nabadwip Municipality, West Bengal, India", S. Paul , <i>International Journal of Geomatics and Geosciences</i> [ISSN: 0976-4380], 3 (1), pp 74-88.	2012	-	-	-	-	-
6) "Urbanisation and Consistency Measurement: A Study on District of North 24 Parganas, West Bengal, India", S. Paul and K. Chatterjee, <i>Archives of Applied Science Research - Scholars Research Library</i> [ISSN: 0975-508X], 4 (5), pp 2052-2067.	2012	-	-	-	-	-
7) "Analysis of Micro Level Disparities in Urban Facility-Utility Services: A Study on Barasat City, West Bengal, India", S. Paul , <i>Journal of Urban and Regional Analysis</i> [ISSN Online: 2068-9969], IV (2), pp 173-188.	2012	-	-	-	-	-
8) "Determination Functionality and Influence of Urban Centres: An Approach of Regional Development Perspective from Developing Country (India)", S. Paul and K. Chatterjee, <i>International Journal of Current Research</i> [ISSN: 0975-833X], 5 (02), pp 360-370.	2013	-	-	-	-	-
9) "Road Accident Scenario in Kolkata: A Spatio-Temporal Study", A. Ghosh and S. Paul , <i>Scholars Research Library: European Journal of Applied Engineering and Scientific Research</i> [ISSN: 2278-0041], 2 (1), pp 47-57.	2013	-	-	-	-	-
10) "Spatio-Temporal Analysis to Quantify Urban Sprawl using Geoinformatics", S. Paul and A. Dasgupta, <i>International Journal of Advances in Remote Sensing and GIS</i> [ISSN: 2277-9450], 1 (2), pp 234-248.	2013	-	-	-	-	-
11) "Analysis of Tourism Attractiveness Using Probabilistic Travel Model: A Study on Gangtok and Its Surroundings", S. Paul , <i>European Journal of Geography</i> [ISSN: 1792-1341], 4 (2), pp 46-54.	2013	-	-	-	-	-
12) "Analysis of Urban Growth using RS, GIS and Shannon's Entropy in and around Burdwan City, West Bengal, India", A. Dasgupta and S. Paul , <i>Indian Journal of Spatial Science</i> [e-ISSN: 2249-4316, ISSN: 2249-3921], 4 (2) Winter Issue, pp 71-80.	2013	-	-	-	-	-
13) "Potentialities of Urban Centres as Growth Points: An Approach of Regional Development Perspective from a Developing Country (India)", S. Paul and K. Chatterjee, <i>Romanian Review of Regional Studies</i> [ISSN: 2344-3707], X (1), pp 33-46.	2014	-	-	-	-	-

Suman Paul	Listed in International Database	13	-	-	-	-	-	-
	Chapter in Books	1) "Risk Assessment for Flood Hazard Through RS and GIS: A Study on Southernmost Blocks of the Districts of 24 Parganas, West Bengal", S. Paul , In " <i>Strategies for Sustainable Management of Disaster in India</i> " (Edited Volume) [ISBN: 978-81-8329-396-9], Shree Publishers and Distributors, New Delhi. 2011, pp. 381-393.	2011	-	-	-	-	-
		2) "Assessment and Mapping of Urban Flood Hazard: A Perception Study of Flood Victims in Nabadwip Municipality, Nadia", A. Dasgupta and S. Paul , In " <i>Social Dimensions of Hazard Management</i> " [ISBN: 81-87500-71-9], Ed. M. Moitra Maiti, ACB Publication House, Kolkata, 2012, pp 109-123.	2012	-	-	-	-	-

D) STUDENT PUBLICATIONS

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Preetam Paul	Other Journal	"A Comparative Analysis of J.N.M. Hospital and E.S.I. Hospital of Kalyani Municipality", R. Khan and Pritam Paul , <i>Conscientia</i> [ISSN: 2278-6554], 2013, Accepted.	2013	-	-	-	-	-
Amit Ghosh	Peer Reviewed Journal	"Road Accident Scenario in Kolkata: A Spatio-Temporal Study", Amit Ghosh and S. Paul, <i>Scholars Research Library: European Journal of Applied Engineering and Scientific Research</i> [ISSN: 2278-0041], 2013, 2 (1), pp 47-57.	2013	-	-	-	-	-

9) DEPARTMENT OF PHYSICS

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Bishwajit Paul	Peer Reviewed Journal	1) "Bifurcation, Chaos and their Control in a time-delay digital Tanlock Loop", T. Banerjee, B. Paul and B. C. Sarkar, <i>International Journal of Bifurcation and Chaos</i> , 23 (8), 1330029 (19pages).	2013	-	-	-	0.92	-
		2) "Spatiotemporal dynamics of a digital phase-locked loop based coupled map lattice system", T. Banerjee, B. Paul and B. C. Sarkar, <i>CHAOS</i> , 24 , 013116.	2014	-	-	-	2.188	-
	Listed in International Database	2	-	-	-	-	-	
	Other	1) "Chaos and Bifurcation in a Time Delay Tanlock Loop", T. Banerjee, B. Paul and B. C. Sarkar, <i>Proceedings of the International Conference on Laser, Material Science & Communication (ICLMSC-2011)</i> , Department of Physics, The University of Burdwan, 7-9th December, 2011, 305-308. [ISBN: 978-93-80813-14-1]	2011	-	-	-	-	-
		2) "Range Extension of a Time Delay digital Tanlock Loop by Time-Delayed Feedback Control Method", T. Banerjee, B. Paul and B. C. Sarkar, <i>Proceedings of the National Conference on Material Device and Circuit in Communication Technology (MDCCT-2012)</i> , Department of Physics, The University of Burdwan, 6-7th February, 2012, 97-100. [ISBN NO: 978-93-80663-36-4]	2012	-	-	-	-	-

B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Ram Narayan Deb	Peer Reviewed Journal	1) "Atomic squeezed states in a driven Dicke model", S. S. Hassan, N. Nayak and R. N. Deb, <i>Physics Letters A</i> , 373 (40), 3697-3700.	2009	-	-	-	2.176	-
		2) "Quantum entanglement in multiparticle systems of two-level atoms", R. N. Deb, <i>Physical Review A</i> , 84 , 032327.	2011	-	-	-	3.042	-
	Listed in International Database	2	-	-	-	-	-	

10) DEPARTMENT OF CHEMISTRY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index*	SNI P	SJ R	Impact Factor	h-Index
Dr. Tapati Mallik	Peer Reviewed Journal	1) "Dislocation Structure and Microhardness of L-Arginine perchlorate Single Crystal", T. Mallik, T. Pal and T. Kar, <i>Indian Journal of Physics</i> , 83 (10), 1395-1406.	2009	2	-	-	1.785	-
		2) "Growth of ZnO Nanoparticles and Nanorods Using a Novel Synthesis Route: Explanation with Hit and Stick model", S. Bhattacharya, T. Mallik, T. Kar, M. P. F. Graca and M. A. Valente, <i>Journal of Advanced Physics</i> , 1 (2), 146-149.	2012	-	-	-	1.5	-
	Listed in International Database	2	-	-	-	-	-	
	Other	3) "Growth of Single Crystals from Solution", T. Mallik, <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 42-45.	2012	-	-	-	-	
Dr. Ajanta Mukherji	Peer Reviewed Journal	1) "An Expedient Synthesis of Novel 2-Substituted Thiazolo-[4,5-f]-isoquinolines/quinolines and Benzo[1,2-d:4,3-d']bisthiazoles and Their Potential as Inhibitors of COX-1 and COX-2", M. Chakrabarty, A. Mukherji, S. Karmakar, R. Mukherjee, K. Nagai, A. Geronikaki and P. Eleni, <i>Arkivoc</i> , (xi), 265-290.	2010	2	-	-	1.096	-
		2) "An Expedient Phase Transfer Catalyst-Mediated Synthesis of 2-Alkyl/Aryl-1,8-Phenanthrolines", M. Chakrabarty and A. Mukherji, <i>Journal of Heterocyclic Chemistry</i> , 49 (6), 1443-1446.	2012	1	-	-	1.224	-
		3) "Eco-friendly Synthesis of Condensed Nitrogen Heterocycles – A Brief Experience from Our Group", M. Chakrabarty and A. Mukherji, <i>J. Indian Chem. Soc.</i> , 90 (10), 1681-1694.	2013	-	-	-	0.382	-
	Listed in	3	-	-	-	-	-	

	International Database							
	Other	4) "Heteropoly Acids as Novel Catalysts in Organic Synthesis", A. Mukherji, <i>Conscientia</i> [ISSN: 2278-6554], 1 (2), 9-17.	2011	-	-	-	-	-

*Google Scholar Citations

B) FACULTY ON LIEN

Faculty	Type of Publication	Details	Year	Citation Index*	SNI P	SJR	Impact Factor	h-Index
Dr. Dhruva Prosad Chatterjee (On Lien)	Peer Reviewed Journal	1) "Multifunctional Hydrophilic Poly(vinylidene fluoride) Graft Copolymer with Supertoughness and Supergluing Properties", S. Samanta, D. P. Chatterjee , S. Manna, A. Mandal, A. Garai and A. K. Nandi, <i>Macromolecules</i> , 42 (8), 3112-3120.	2009	32	-	2.72	4.539	223
		2) "Fluorescence Probing of Block Copolymeric Micelles using Coumarin 153", S. Basu, D. P. Chatterjee , U. Chatterjee, S. Mondal and D. Mandal, <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 341 (1), 13-20.	2009	3	-	0.85	1.988	100
		3) "Physical and Mechanical Properties of Poly(methyl methacrylate)-functionalized Graphene / Poly(vinylidene fluoride) Nanocomposites : Piezoelectric β Polymorph Formation" R. K. Layek, S. Samanta, D. P. Chatterjee and Arun K. Nandi, <i>Polymer</i> , 51 (24), 5846-5856.	2010	66	1.618	0.6	3.828	46
		4) "Multifunctional Porous Poly(vinylidene fluoride)-graft-Poly(n-butyl methacrylate) with Enhanced Li ⁺ ion Conductivity", S. Samanta, D. P. Chatterjee and R. K. Layek, <i>Macromol. Chem. Phys.</i> , 212 (2), 134-149.	2011	9	-	0.95	2.361	81
		5) "Nano-structured Poly(3-hexyl thiophene) Grafted on Poly(vinylidene fluoride) via Poly(glycidyl methacrylate)", S. Samanta, D. P. Chatterjee , R. K. Layek and A. K. Nandi, <i>J. Mater. Chem.</i> , 22 (21), 10542-10551.	2012	3	-	2.4	6.101	171
		6) "Polythiophene-g-poly-(dimethylaminoethyl methacrylate) Doped	2012	8	-	1.74	3.909	81

Dr. Dhruba Prosad Chatterjee (On Lien)		Methyl cellulose Hydrogel Behaving like a Polymeric AND Logic Gate”, S. Samanta, S. Das, R. K. Layek, D. P. Chatterjee and A. K. Nandi, <i>Soft Matter</i> , 8 (22), 6066-6072.						
		7) “Thermosensitive Water-Soluble Poly(ethylene glycol)-Based Polythiophene Graft Copolymers”, S. Das, S. Samanta, D. P. Chatterjee and A. K. Nandi, <i>J. Polym. Sci. Part A, Polym. Chem.</i> , 51 (6), 1417-1427.	2013	7	-	1.21	3.245	109
		8) “Thermo and pH Responsive Water Soluble Polythiophene Graft Copolymer with Logic Operation and Nitroaromatic Sensing”, S. Das, D. P. Chatterjee , S. Samanta and A. K. Nandi, <i>RSC Adv.</i> , 3 (38), 17540-17550.	2013	2	-	1.18	2.562	26
		9) “Amphiphilic Poly(N-vinyl pyrrolidone) Grafted Graphene by Reversible Addition and Fragmentation Polymerization and the Reinforcement of Poly (vinyl acetate) Films”, R.K. Layek, A. Kuila, D.P. Chatterjee and A.K. Nandi, <i>Journal of Materials Chemistry A</i> , 1(48), 10863-10874	2013	4	-	-	1.238	-
		10) “Coupled atom transfer radical coupling and atom transfer radical polymerization approach for controlled grafting from poly (vinylidene fluoride) backbone”, A. Kuila, D. P. Chatterjee , R. K. Layek and A. K. Nandi, <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 52 (7), 995-1008.	2014	7	-	1.21	3.245	109
	Listed in International Database	11	-	-	-	-	-	-
	Chapter in Books	“Polymer Functionalized Graphene via Atom Transfer Radical Polymerization Route for Graphene-Based Polymer Nanocomposites”, A. K. Nandi, R. K. Layek, S. Samanta and D. P. Chatterjee in “ <i>Graphite, Graphene, and Their Polymer Nanocomposites</i> ”, Eds. P. Mukhopadhyay and R. K. Gupta; CRC Press, Taylor & Francis Group, Boca Raton, Florida, p.393-421.	2013	-	-	-	-	-

*Google Scholar Citations

C) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index*	SN IP	SJ R	Impact Factor	h-Index
Dr. Shyamapada Shit	Peer Reviewed Journal	1) "Structural and Spectral Studies of a New Copper(II) Complex with a Tridentate Thiosemicarbazone Ligand", S. Sen, S. Shit , S. Mitra and S. R. Batten, <i>Structural Chemistry</i> , 19 (1), 137-142.	2008	10	-	-	1.433	-
		2) "A New Mixed Ligand Coordination Polymer of Mn(II): Structural Aspect and Cryomagnetic Study", S. Shit , J. Chakraborty, J. A. K. Howard, E. C. Spencer, C. Desplanches and S. Mitra, <i>Structural Chemistry</i> , 19 (4), 553-558.	2008	7	-	-	1.433	-
		3) "A Novel Mixed Ligand Coordination Polymer of Copper(II): Synthesis, Characterisation and Magneto-structural Correlation", S. Shit , J. Chakraborty, S. Sen, G. Pilet, C. Desplanches and S. Mitra, <i>Journal of Molecular Structure</i> , 891 (1-3), 19-24.	2008	11	-	-	1.594	-
		4) "A Novel Centrosymmetric Dinuclear Cadmium(II) Schiff Base Complex with Unusual Bridging Carboxylate: Synthesis, Crystal Structure and Luminescence Properties", S. Shit , J. Chakraborty, B. Samanta, G. Pilet and S. Mitra, <i>Journal of Molecular Structure</i> , 919 (1-3), 361-365.	2009	8	-	-	1.551	-
		5) "Synthesis, Structure and Fluorescence Properties of a Trinuclear Zn(II) Complex with <i>N,N,O</i> -donor Schiff Base Ligands and Bridging Acetates", S. Shit , J. Chakraborty, B. Samanta, G. M. Rosair and S. Mitra, <i>Z. Naturforsch.</i> , 64b , 403-408.	2009	4	-	-	0.90	-
		6) "Syntheses, Characterization and Crystal Structures of Two Square-planar Ni(II) Complexes with Unsymmetrical Tridentate Schiff Base Ligands and Monodentate Pseudohalides", S. Shit , S. Sen, S. Mitra and D. L. Hughes, <i>Transition Metal Chemistry</i> , 34 (4), 269-274.	2009	13	-	-	1.223	-
		7) "Three New Coordination Complexes of Cobalt(III), Manganese(II), and Copper(II) with <i>N,N,O</i> -donor Hydrazone Ligands: Syntheses and Structural Characterizations", S. Shit , J. Chakraborty, B. Samanta, A. M. Z. Slawin, V. Gramlich and S. Mitra, <i>Structural Chemistry</i> , 20 (4), 633-642.	2009	12	-	-	1.637	-

Dr. Shyamapada Shit	8) "The Key Role of Hydrogen Bonding in the Nuclearity of Three Copper(II) Complexes with Hydrazone-derived Ligands and Nitrogen Donor Heterocycles", S. Shit, S. K. Dey, C. Rizzoli, E. Zangrando, G. Pilet, C. J. Gómez-García and S. Mitra, <i>Inorganica Chimica Acta</i> , 370 (1), 18-26.	2011	5	-	-	1.846	-
	9) "First Report on Thermally Stable Cadmium Carbonyl Complex Containing an Interesting Chloroaryl Bridge: Isolation and Characterization", S. K. Dey, S. Shit, S. P. Dey, S. Mitra and K. M. A. Malik, <i>Chemistry Letters</i> , 40 (8), 810-812.	2011	-	-	-	1.587	-
	10) "A New Tetranuclear Copper(II) Schiff Base Complex Containing Cu ₄ O ₄ Cubane Core: Structural and Spectral Characterizations", S. Shit, G. Rosair and S. Mitra, <i>Journal of Molecular Structure</i> , 991 (1-3), 79-83.	2011	7	-	-	1.634	-
	11) "An Antiferromagnetically Coupled Hexanuclear Copper(II) Schiff Base Complex Containing Phenoxo and Dicyanamido Bridges: Structural Aspects and Magnetic Properties", P. Talukder, S. Shit, A. Sasmal, S. R. Batten, B. Moubaraki, K. S. Murray and S. Mitra, <i>Polyhedron</i> , 30 (11), 1767-1773.	2011	18	-	-	2.057	-
	12) "A Bimetallic Cyano-bridged Complex Based on Nickel(II) and Pentacyanonitrosylferrate(II) Precursors: Characterization, Crystal Structure, and Magnetic Properties", P. Talukder, S. Shit, H. Nöth, M. Westerhausen, A. N. Kneifel and S. Mitra, <i>Transition Metal Chemistry</i> , 37 (1), 71-77.	2012	-	-	-	1.184	-
	13) "Framework Solids Based on Copper(II) Halides (Cl/Br) and Methylene-Bridged Bis(1-hydroxybenzotriazole): Synthesis, Crystal Structures, Magneto-Structural Correlation, and Density Functional Theory (DFT) Studies", A. Sasmal, S. Shit, C. Rizzoli, H. Wang, C. Desplanches and S. Mitra, <i>Inorganic Chemistry</i> , 51 (19), 10148-10157.	2012	9	-	-	4.593	-
	Listed in International Database	13	-	-	-	-	-

Debnath Saha	Peer Reviewed Journal	“Synthesis of Novel Thiazolo[5,4- <i>d</i>]Pyrimidines”, G. Chattopadhyay, D. Saha , P. Sinha Ray, S. Naskar and S. Sarkar, <i>Indian J. Chem.</i> , 49B (9), 1229-1234.	2010	2	-	-	0.489	-
	Listed in International Database	1	-	-	-	-	-	-
Dr. Jibanananda Jana	Peer Reviewed Journal	1) “Density Functional and Molecular Orbital Studies on the Activation of Donor-Acceptor Sub-systems, Charge Transfer and Binding in the H ₃ BNCH and H ₃ BNCCH ₃ Complexes. Part-I Density Functional Study”, J. Jana , <i>Int. J. Pure & Appl. Chem.</i> , 3 (3), 179-191.	2008	-	-	-	-	-
		2) “Quantum Chemical Studies on Symbiosis”, J. Jana , <i>Int. J. Pure & Appl. Chem.</i> , 5 (2), 143-150.	2010	-	-	-	-	-
		3) “Relative Stabilities of Two Difluorodiazene Isomers: Density Functional and Molecular Orbital Studies”, J. Jana , <i>Reports in Theoretical Chemistry</i> , 2012, 1 , 1-10.	2012	-	-	-	1.2	-
		4) “Systematic Approach for the Bonding in Ferrocene” J. Jana , <i>Research and Reviews: Journal of Chemistry</i> , 3 (2), 38-44.	2014	-	-	-	0.592	-
	Listed in International Database	4	-	-	-	-	-	

11) DEPARTMENT OF MATHEMATICS

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Dr. Gobardhan Rano	Peer Reviewed Journal	1) "Some Results on Fuzzy Metric Spaces", G. Rano , T. Bag, S. K. Samanta, <i>The Journal of Fuzzy Mathematics</i> , 19 (4), pp 925-938.	2011	-	-	-	-	-
		2) "Inter Relation Between Fuzzy Normed Linear Space And Generating Spaces of Quasi-norm Family", G. Rano , T. Bag, S.K.Samanta, <i>The Journal of Fuzzy Mathematics</i> , 21 (3), pp 677-688.	2013	-	-	-	-	-
		3) "Finite Dimensional Generating Spaces of Quasi-norm Family", G. Rano , T. Bag, S. K. Samanta, <i>The Iranian Journal of Fuzzy Systems</i> , 10 (5), pp 115-127.	2013	-	-	-	-	-
		4) "Bounded Linear Operators in Generating Spaces of Quasi-norm Family", G. Rano , T. Bag, S. K. Samanta, <i>The Journal of Fuzzy Mathematics</i> , 21 (1), pp 51-58.	2013	-	-	-	-	-
		5) "Hahn-Banach Extension Theorem in Generating spaces of Quasi-norm Family", G. Rano , T. Bag, S. K. Samanta, <i>Ann. Fuzzy. Math. Inform.</i> , 7 (2), pp 239-249.	2014	-	-	-	-	-
		6) "Some Geometric Properties of Generating Spaces of Semi-norm Family", G. Rano , T. Bag, S. K. Samanta, <i>Ann. Fuzzy. Math. Inform.</i> , 7 (5), pp 825-836.	2014	-	-	-	-	-
		7) "Kirk's Fixed Point Theorem in Generating Spaces of Semi-norm Family", G. Rano , T. Bag, S. K. Samanta, <i>General Mathematics Notes</i> .	Accepted, 2014	-	-	-	-	-

Dr. Gobardhan Rano		8) “Asymptotically regular mapping and fixed point theorems in Generating spaces of Quasi-norm family”, G. Rano , T. Bag, S. K. Samanta, <i>Ann. Fuzzy. Math. Inform.</i>	Accepted, 2014	-	-	-	-	-
	Listed in International Database	8	-	-	-	-	-	-
Dr. Mani Shankar Mandal	Peer Reviewed Journal	1) “Analysis of Flow Fields in a Flexible Tube with Periodic Constriction”, S. Mukhopadhyay, P. R. De, M. S. Mandal and G.C. Layek, <i>Appl. Appl. Math.</i> , 6 , pp 2045-2063.	2011	-	-	-	-	-
		2) “Pulsatile flow of an incompressible, inhomogeneous fluid in a smoothly expanded vascular tube”, M. S. Mandal , S. Mukhopadhyay and G. C. Layek, <i>Int. J. Eng. Sci.</i> , 57 , pp 1-10.	2012	-	-	-	-	-
		3) “Pulsatile flow of shear-dependent fluid in a stenosed artery”, M. S. Mandal , S. Mukhopadhyay and G. C. Layek, <i>Theoret. Appl. Mech.</i> , 39 , pp 209-231.	2012	-	-	-	-	-
		4) “Numerical investigation on pulsatile flow through asymmetric double constrictions”, M. S. Mandal and G. C. Layek, <i>Acta Technica.</i> , 57 , pp 239-259.	2012	-	-	-	-	-
		5) “Bifurcation phenomena and control for MHD flows in a smooth expanded channel”, G. C. Layek, M. S. Mandal and H. A. Khalaf, <i>Chin. Phys. B.</i>	Accepted, 2014	-	-	-	-	-
	Listed in International Database	5	-	-	-	-	-	

B) PRESENT PART-TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Ali Akbar Shaikh	Peer Reviewed Journal	1) "A two warehouse inventory model for deteriorating items with time dependent partial backlogging and variable demand dependent on marketing strategy and time", A. K. Bhunia and A. A. Shaikh , <i>International Journal of Inventory Control and Management</i> , 1 , pp 95-110.	2011	-	-	-	-	-
		2) "A deterministic model for deteriorating items with displayed inventory level dependent demand rate incorporating marketing decisions with transportation cost", A. K. Bhunia and A. A. Shaikh , <i>International Journal of Industrial Engineering Computations</i> , 2 , pp 547-562.	2011	-	-	-	-	-
		3) "A two warehouse deterministic inventory model for deteriorating items with a linear trend in time dependent demand over finite time horizon by Elitist Real-Coded Genetic Algorithm", A. K. Bhunia, A. A. Shaikh , A. K. Maiti and M. Maiti, <i>International Journal of Industrial Engineering Computations</i> , 4 , pp 241-258.	2013	-	-	-	-	-
		4) "A study on two-warehouse partially backlogged deteriorating inventory models under inflation via particle swarm optimization", A. K. Bhunia, A. A. Shaikh and R. K. Gupta, <i>International Journal of System Science</i> , Online published 14 Jun 2013.	2013, Accepted	-	-	-	-	-
		5) "A deterministic inventory model for deteriorating items with selling price dependent demand and three-parameter Weibull distributed deterioration", A. K. Bhunia and A. A. Shaikh , <i>International Journal of Industrial Engineering Computations</i> , 5 , pp 497-510	2014	-	-	-	-	-

Ali Akbar Shaikh		6) “A deteriorating inventory model with displayed stock-level dependent demand and partially backlogged shortages with all unit discount facilities via Particle Swarm Optimization”, A. K. Bhunia, A. A. Shaikh , S.K. Mahato and C. K. Jaggi, <i>International Journal of System Science: Operation and Logistic</i> .	2014, Accepted	-	-	-	-	-
		7) “A memo on stock model with partial backlogging under delay in payments”, A. K. Bhunia, A. A. Shaikh , S. Pareek and V. Dhaka, <i>Uncertain Supply Chain Management</i> .	2014, Accepted	-	-	-	-	-
	Listed in International Database	7	-	-	-	-	-	-

12) DEPARTMENT OF BOTANY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Pintu Banerjee	Peer Reviewed Journal	1) “ <i>In vitro</i> propagation of <i>Arachis hypogaea</i> L. var. AK-1224: Direct and indirect plant regeneration”, P. Banerjee , S. Maity and N. Banerjee, <i>Plant Cell Biotechnology and Molecular Biology</i> 11 (1&2).	2010	-	-	-	-	-
		2) “High frequency somatic embryogenesis and plantlet regeneration of <i>Bauhinia variegata</i> , a multipurpose tree legume”, P. Banerjee , S. Maity and N. Banerjee, <i>Indian Journal of Fundamental and Applied Life Sciences</i> , 2 (2), 87-95.	2012	-	-	-	-	-
		3) “Traditional system of medicine and medicinal plants of Darjeeling and Sikkim: Present status”, P. Banerjee , <i>MS Academic</i> , 2 (2&3), 141-147.	2012	-	-	-	-	-
		4) “Rapid <i>in vitro</i> propagation of <i>Acacia auriculiformis</i> on solid and liquid media: role of organic additive, antioxidant and plant growth regulators”, P. Banerjee , <i>Cibtech Journal of Bio-Protocols</i> [ISSN: 2319-3840] An Online International Journal, 2 (1), 39-49.	2013	-	-	-	-	-
		5) “Somatic embryogenesis and plantlet regeneration in three high yielding varieties of <i>Arachis hypogaea</i> L.”, P. Banerjee , <i>Indian Journal of Plant Sciences</i> [ISSN: 2319-3824] An Online International Journal, 2 (2), 28-34.	2013	-	-	-	-	-
		6) “ <i>In vitro</i> plant regeneration of <i>Bauhinia variegata</i> Linn. through direct and indirect shoot bud development from different explants on MS solid and liquid media”, P. Banerjee , <i>Indian Journal of Applied and Pure Biology</i> , 28 (2), 181-192.	2013	-	-	-	-	-
		7) “Rapid <i>in vitro</i> propagation of <i>Arachis hypogaea</i> L. Var. AK 1224: A comparative study using different explants”, P. Banerjee , <i>CIBTech Journal of Bio-Protocols</i> [ISSN: 2319-3840] An Online International Journal, 3 (1), 35-41.	2014	-	-	-	-	-
		8) “Documentation of ethno-medicinal plants of Nadia district of West Bengal and <i>in vitro</i> screening of three local medicinal plants for their antibacterial activity”, P. Banerjee , <i>CIBTech Journal of Microbiology</i> [ISSN: 2319-3867] An Online International Journal.	Accepted, 2014	-	-	-	-	-

	Listed in International Database	8	-	-	-	-	-	-
Dr. Pintu Banerjee	Other Journals	1) "Phytoestrogens: an overview", P. Banerjee , <i>Conscientia</i> [ISSN: 2278-6554], 1 (2), 33-38.	2011	-	-	-	-	-
		2) "Kinema: a traditional fermented food", P. Banerjee , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 14-19.	2012	-	-	-	-	-
		3) "Regeneration of Plantlet through Somatic Embryogenesis in a High Yielding Variety of <i>Arachis hypogaea</i> L. Var. ICG 11337", P. Banerjee and S. Maity, <i>Manan</i> [ISSN: 2348-3849], 1 (1), 22-28.	2014	-	-	-	-	-
Dr. Asok Ghosh	Peer Reviewed Journal	1) "Biological Spectrum of Bethuadahari Wildlife Sanctuary, Nadia-Murshidabad Forest Division, West Bengal", A. Ghosh , A. Bhattacharya, S. Adhikari and A. K. Mondal, <i>Indian Journal of Applied and Pure Biology</i> , 23 (2), 389-394.	2008	-	-	-	-	-
		2) "Floristic Study and Vegetational Relationship of Bagmara Block in Sundarbans Tiger Reserve (STR)", A. Ghosh , S. Mukherjee and K. R. Naskar, <i>Indian Journal of Applied and Pure Biology</i> , 27 (2), 207-218.	2012	-	-	-	-	-
		3) "Distribution of epiphytes, parasites and mistletoes on six species of Phorophytes in upper montane tropical forest of Darjeeling, West Bengal", A. Ghosh and S. Saha, <i>Indian Journal of Applied and Pure Biology</i> , 28 (1), 45-54.	2013	-	-	-	-	-
		4) "Taxonomic significance of perigynium morphology and achene epidermal silica body in sixteen species of <i>Carex</i> L. (Cyperaceae) from the Darjeeling and Sikkim Himalayas, India", A. Ghosh and G. G. Maiti, <i>Our Nature</i> .	Accepted, 2013	-	-	-	-	-
		5) "Occurrence of mycorrhizae in some species of <i>Carex</i> (Cyperaceae) of the Darjeeling Himalayas, India", A. Ghosh , S. Bhujel and G. G. Maiti, <i>International Journal of Life Science and Pharma Research</i> , 4 (1), 1-10.	2014	-	-	-	0.672	-
		6) "Taxonomy and present distribution of different species of <i>Carex</i> L., cyperaceae in Darjeeling and Sikkim Himalayas, India", A. Ghosh and G. G. Maiti, <i>International Journal of Life Science and Pharma Research</i> , 4 (3), 33-56.	2014	-	-	-	0.672	-
	Listed in International Database	8						

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Asok Ghosh	Other Journals	1) "Distribution Of Mangrove And Mangrove Associated Plants In Different Blocks And Compartments Of Sundarbans Tiger Reserve (STR) With Special References To Their Abundance", A. Ghosh, N. Sen, S. Mukherjee and K. R. Naskar, In <i>Proceedings of International Seminer on Multidisciplinary Approaches in angiosperm Systematics</i> , Eds. S. K. Mukherjee and G. G.Maiti, pp 541-553.	2012	-	-	-	-	-
		2) "Sundarbans Tiger Reserve In West Bengal - The Facts And Figures", A. Ghosh, S. Mukherjee and K. R. Naskar, 2012, In <i>Proceedings of International Seminer on Multidisciplinary Approaches in angiosperm Systematics</i> , Eds. S. K. Mukherjee and G. G.Maiti, pp 486-501.	2012	-	-	-	-	-
	Chapter in Books	1) "Anatomical study of some species of dicotyledons climber from Darjeeling and surrounding areas, West Bengal, India with special reference to mechanical adaptation", A. Ghosh and P. Thapa, LAP LAMBERT Academic Publishing, Saarbrücken, Germany.	2013	-	-	-	-	-
		2) "Palynotaxonomical study of some members of Rosaceae and Polygonaceae- with special reference to exine sculpturing", A. Ghosh, I. Saha and A. Adhikary, LAP LAMBERT Academic Publishing, Saarbrücken, Germany.	2013	-	-	-	-	-
Dr. Sharmistha Maity	Peer Reviewed Journal	1) "Characterization of red pigment from <i>Monascus</i> in submerged culture", S. Maity, S. Chatterjee and S. K. Sen, <i>Journal of Applied Sciences Research</i> , 5 (12), 2102-2108.	2009	-	-	-	-	-
		2) "In vitro propagation of <i>Arachis hypogaea</i> L var. AK 1224: direct and indirect plant regeneration", P. Banerjee and S. Maity, <i>Plant Cell Biotechnology and Molecular Biology</i> , 11 (1&2), 57-62.	2010	-	-	-	-	-
		3) "A water soluble, nonaromatic, nitrogenous compound from a hyper-red pigment producing mutant of <i>Monascus purpureus</i> ", S. Maity, S. Chatterjee and S. K. Sen, <i>Dynamic Biochemistry, Process Biotechnology and Molecular Biology</i>	2011	-	-	-	-	-
		4) "High frequency somatic embryogenesis and plantlet Regeneration of <i>Bauhinia variegata</i> , a multipurpose Tree legume", P. Banerjee and S. Maity, <i>Indian Journal of Fundamental and Applied Life Sciences</i> [ISSN: 2231-6345], 2 (2), 87-89.	2012	-	-	-	-	-

		5) "Bioremediation: What, How and Why", S. Maity , <i>MS Academic</i> [ISSN-2229-6484], 3 , 67-70.	2013	-	-	-	-	-
	Listed in International Database	5	-	-	-	-	-	-
	Others	1) "Cytochrome p450: A biotransformer", S. Maity , <i>Conscientia</i> [ISSN: 2278-6554], 1 (2), 39-42.	2011	-	-	-	-	-
		2) "Down's Syndrome: a chromosomal disorder", S. Maity , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 20-27.	2012	-	-	-	-	-
		3) "Regeneration of Plantlet through somatic embryogenesis in a high yielding variety of <i>Arachis Hypogaea</i> L. var. ICG 11337", P. Banerjee and S. Maity , <i>Manan</i> [ISSN-2348-3849], 1 (1) 22-28.	2014	-	-	-	-	-
		4) "Organogenesis and Somatic Embryogenesis of <i>Nyctanthes arbor-tristis</i> , an Important Medicinal Shrub", S. Maity , <i>Manan</i> [ISSN-2348-3849], 1 (1), 29-34.	2014	-	-	-	-	-

B) FACULTY ON LIEN

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Soumen Bhattacharjee (on Lien)	Peer Reviewed Journal	1) "Calcium-dependent signaling pathway in the mitigation of heat induced oxidative injury and induction of stress proteins for the acquisition of thermotolerance in <i>Amaranthus lividus</i> L.", S. Bhattacharjee , <i>Indian Journal of Plant Physiol.</i> , In press.	2012	-	-	-	NAAS journal rating: 5.5	-
		2) "The language of reactive oxygen species signalling in plants", S. Bhattacharjee , <i>Journal of Botany</i> , 2 , 1-22.	2012	-	-	-	-	-
		3) "An inductive pulse of hydrogen peroxide pretreatment restores redox- homeostasis and mitigates oxidative membrane damage under extremes of temperature in two rice cultivars (<i>Oryza sativa</i> L., Cultivars Ratna and SR 26B)", S. Bhattacharjee , <i>Plant Growth Regulation</i> , 68 , 395-410.	2012	-	-	-	1.63 NAAS journal rating: 7.6	-
		4) "Heat and chilling induced disruption of redox homeostasis and its regulation by hydrogen peroxide in rice (<i>Oryza sativa</i> L., Cultivar Ratna)", S. Bhattacharjee , <i>Physiol. Mol. Biol. Plants</i> , 19 , 199-207.	2013	-	-	-	0.95 NAAS journal rating: 5.2	-

	Listed in International Database	4	-	-	-	-	-	-
	Chapter in Books	1) "Reactive oxygen species associated mechanism of acclamatory stress tolerance, signaling and redox-regulated gene expression in plants", S. Bhattacharjee in " <i>Plant signaling: Understanding molecular cross talk</i> ", Eds. Hakeem K, Rehman et al. DOI 10.1007/978-81-322-1542-4_8, Springer, in press.	2013	-	-	-	-	-

C) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJ R	Impact Factor	h-Index
Dr. Ashoke Bhattacharya	Peer Reviewed Journal	1) "Pollination Biology of ten medicinally important Angiosperms of West Bengal (India)", A. Bhattacharya and S. Mondal, <i>Applied Biological Research</i> , 14 (1), 86-94.	2012	-	-	-	-	-
		2) "Genetic Diversity and Ethnobotany of <i>Moringa olifera</i> Lamk in India. A morphometric evaluation of pod seed characters", A. Bhattacharya , <i>J. Interacad.</i> , 17 (2), 212-216.	2013	-	-	-	-	-
	Listed in International Database	2	-	-	-	-	-	
	Other Journal	"An Overview on Pollen Allergy", A. Bhattacharya , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 2011, 9-16.	2011	-	-	-	-	
Dr. Tulika Talukder	Other Journal	"Carotenoids – Its Beneficial Effects, Bioavailability and Retention in Prepared, Processed and Stored Foods, T. Talukder, <i>Conscientia</i> [ISSN: 2278-6554], 1 (2), 53-65.	2011	-	-	-	-	
	Chapter in Books	"Cypselas diversity of Tribe Calandulae (Asteraceae) an overview", T. Talukder , Lap Lambert Academic Publishing House, Germany. [ISBN-978-3-659-3200-2], pp 1-85.	2013	-	-	-	-	

13) POST GRADUATE DEPARTMENT OF ZOOLOGY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJR	Impact Factor	h-Index
Dr. Jayati Ghosh	Peer Reviewed Journal	“Atypical response of virus energized jute (<i>Corchorus olitorius</i>) seeds in producing higher fibre yield with sustainability under different agro-ecological situations”, N. Dey, J. Sinha Choudhury (Ghosh) , D. Pathak, R. K. Paikaray, S. K. Mohanty, A. K. Jana, D. J. Chattopadhyay and S.K. Ghosh, <i>J. Mycopathol. Res.</i> , 50 (1), 19-25. [ISSN 0971-3719].	2012	-	-	-	4.4 NAAS	-
	Listed in International Database	1	-	-	-	-	-	-
	Other	1) “Wolbachia: Potential targets for control of filariasis”, J. Ghosh , <i>Conscientia</i> [ISSN 2278-6554], 1 (2), 24-32.	2011	-	-	-	-	-
		2) “Profile of aerobic bacteria associated with gut regions of cockroach <i>Periplaneta Americana</i> ”, J. Ghosh and R. Gachhui, <i>Proceedings of the National Conference of Challenges in Biodiversity Conservation and Resource Management</i> , in Press.	2013	-	-	-	-	-
Ivy Kundu	Peer Reviewed Journal	1) “A preliminary survey of biomedical wastes generation and management in district Malda-A case study”, P. Barman, I. Kundu and D. Ray, <i>Recent Advances in Animal Science Research</i> , Vol. VIA, ISBN 81-88094-02-9.	2011	-	-	-	-	-
		2) “Effects of Thiamethoxam on Liver Protein of <i>Oreochromis niloticus</i> (Trewavas)”, S. Nath, S. Bose and I. Kundu , <i>Proc. Zool. Soc.</i> , 65 (2), 118-120, DOI 10.1007/s12595-012-0037-0.	2012	-	-	-	-	-
	Listed in International Database	2	-	-	-	-	-	

Faculty	Type of Publication	Details	Year	Citation Index	SNI P	SJR	Impact Factor	h-Index
Sujit Kr. Bhowal	Other	“Review on some male fertility regulating agents and development of prospective male contraceptive”, S. K. Bhowal , <i>Conscientia</i> [ISSN 2278-6554], 1 (2), 43-52.	2011	-	-	-	-	-
Sumana Das	Peer Reviewed Journal	1) “Effect of cadmium chloride on secretion of 17 β -estradiol by the ovarian follicles of common carp, <i>Cyprinus carpio</i> ”, S. Das and D. Mukherjee, <i>Gen. Comp. Endocrinol.</i> , 181 , 107-14.	2013	-	-	-	2.8	-
		2) “Effect of phenol on Ovarian Secretion of 17 β -estradiol in Common Carp <i>Cyprinus carpio</i> ”, S. Das , S. Majumder and D. Mukherjee, <i>Arch. Environ. Contam. Toxicol.</i> , 65 , 132-141.	2013	-	-	-	2.0	-
	Listed in International Database	2	-	-	-	-	-	
Dr. Basuli Maitra	Other Journals	1) “Cytological characterization of <i>Kiefferulus calligaster</i> through study of their polytene chromosome”, B. Maitra , <i>Proc. of the National Symposium on Dimension of Animal Sciences (Researches and Human Need)</i> , p. 36.	2009	-	-	-	-	-
		2) “An assessment on the divergence of <i>Chironomus stratipennis</i> Kieffer from <i>Chironomus thummi piger</i> based on the study of their polytene chromosome features”, B. Maitra , <i>Proc. of Golden Jubilee International Seminar Researches in Zoology (Basic & Applied)</i> , p. 13.	2010	-	-	-	-	-
Dr. Enamul Haque	Peer Reviewed Journal	1) “Neem leaf glycoprotein helps to generate carcinoembryonic antigen specific anti-tumor immune responses utilizing macrophage-mediated antigen presentation”, K. Sarkar, A. Bose, K. Chakraborty, E. Haque , D. Ghosh, S. Goswami, T. Chakraborty, S. Laskar and R. Baral, <i>Vaccine</i> , 26 (34), 4352-4362.	2008	-	-	-	3.458	-
		2) “Neem (<i>Azadirachta indica</i>) leaf preparation prevents leukocyte apoptosis mediated by cisplatin plus 5-fluorouracil treatment in Swiss mice”, D.Ghosh, A. Bose, E. Haque and R. Baral, <i>Chemotherapy</i> , 55 (3), 137-44.	2009	-	-	-	2.066	-

Dr. Enamul Haque		3) "Association of early phase of colorectal carcinogenesis with STAT3 activation and its relevance in apoptosis regulation", R. Baral, A. Bose, C. Ray, S. Paul, S. Pal, E. Haque , B. Mishra, D. Pal, J. K. Nagpal, C. K. Panda and B. R. Das, <i>Exp. Mol. Pathol.</i> , 87 (1), 36-41.	2009	-	-	-	2.128	-
		4) "Induction of type 1 cytokines during neem leaf glycoprotein assisted carcinoembryonic antigen vaccination is associated with nitric oxide production", K. Sarkar, A. Bose, E. Haque , K. Chakraborty, T. Chakraborty, S. Goswami, D. Ghosh and R. Baral, <i>Int. Immunopharmacol.</i> , 9 (6), 753-60.	2009	-	-	-	2.659	-
		5) "Neem leaf glycoprotein directs T-bet-associated type 1 immune commitment", A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, E. Haque , T. Chakraborty, D. Ghosh, S. Roy, S. Laskar and R. Baral, <i>Hum. Immunol.</i> , 70 (1), 6-15.	2009	-	-	-	2.595	-
	Listed in International Database	8	-	-	-	-	-	-
	Chapter in Books	1) "Cancer Immunoediting: Professional Editorship by Neem Leaf Glycoprotein. Treatment of advanced stage cancers", A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, T. Chakraborty, E. Haque , D. Ghosh, I. Mondal Ghosh, S. Pal, S. Laskar, U. Chattopadhyay and R. N. Baral, In " <i>Current status of emerging frontiers</i> ", Eds. G. P. Talwar and O. P. Sood, Narosa Publishing House Pvt. Ltd., pp 148-152 [ISBN 8173199329].	2009	-	-	-	-	-
	2) "Suppression of Suppressors: Neem leaf glycoprotein Guided Crosstalk Between Regulatory T cells and T cells/NK Cells/Macrophages in Cancer", T. Chakraborty, A. Bose, K. Chakraborty, K. Sarkar, S. Goswami, E. Haque , D. Ghosh, I. Mandal-Ghosh, S. Pal, S. Laskar and R. N. Baral, In " <i>Treatments of Advanced Stage Cancers: current status and emerging frontiers</i> ", Eds. G. P. Talwar and O. P. Sood, Narosa Publishing House Pvt. Ltd., India, pp 153-157 [ISBN 8173199329].	2009	-	-	-	-	-	

Dr. Enamul Haque		3) “Immunotherapeutic Targeting of Multiple Dysregulated Immune Functions in Cancer by Neem Leaf Glycoprotein”, A. Bose, S. Goswami, S. Roy, K. Sarkar, K. Chakraborty, T. Chakraborty, E. Haque , S. Laskar and R. N. Baral, In “ <i>Natural Products: Research Reviews</i> ” Vol. 1 by V. K. Gupta Daya Publishing House, pp 41-78 [ISBN 9788170357559].	2012	-	-	-	-	-
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B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Jayanta Kumar Biswas	Peer Reviewed Journal	1) “Bioturbation potential of chironomid larvae for the sediment-water phosphorus exchange in simulated pond systems of varied nutrient enrichment”, J. K. Biswas , S. Rana, J. N. Bhakta and B.B. Jana, <i>Ecological Engineering</i> , 35 , 1444-1453.	2009	-	-	-	3.106	-
		2) “Fish stocking density induced growth responses of some biogeochemical cycling bacterial population”, J. N. Bhakta, J. K. Biswas , P. Bhakta, Y. Munekage and B. B. Jana. <i>Braz. J. Aquat. Sci. Technol.</i> , 13 (2), 45-50 [ISSN: 18087035].	2009	-	-	-	-	-
		3) “Efficacy of certain chemical candidates in controlling internal phosphorus loading in a eutrophic pond system: Pattern of phosphorus sequestration in different depths of sediment”, J. K. Biswas and B. B. Jana, <i>Journal of Environmental Science and Engineering</i> , 4 (7), 1-14. (David Pub., USA) [ISSN: 1934-8932].	2010	-	-	-	-	-
		4) “Applying ecological engineering in wastewater reclamation: Principles and practices”, J. K. Biswas and B. B. Jana, <i>Academic Spectrum</i> , 1 (1), 141-156 [ISSN: 0976-9323].	2010	-	-	-	-	-

Dr. Jayanta Kumar Biswas	Listed in International Database	4	-	-	-	-	-	-
	Other	“Modulation of phosphorus flux at sediment water interface through biotic eco-engineering by larvae of <i>Chironomus</i> sp. under simulated conditions: A classic case of benthic bioturbation”, J. K. Biswas and B. B. Jana, <i>Proceedings of National Symposium on Dimensions of Animal Science Researches and Human Need</i> , pp 59-70.	2010	-	-	-	-	-
Antara Kar	Peer Reviewed Journal	“Xenobiotics – An Assessment of its Impact on the Biological System”, A. Kar , <i>Indian Medical Journal</i> [ISSN: 0091–5871], 104 (103), 113-114.	2009	-	-	-	-	-
	Listed in International Database	1	-	-	-	-	-	-

14) DEPARTMENT OF PHYSIOLOGY

A) PRESENT PERMANENT, FULL TIME FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Indrani Chakraborty	Peer Reviewed Journal	1) “ <i>Jussiae repens</i> is a nontoxic antigonadal herb - A dose dependent study on male rats”, N. K. Pradhan, S. Ghosal and I. Chakraborty , <i>Int. J. Pharm. Bio. Sci.</i> , 4 (2), 131-143.	2013	-	-	-	2.958	-
		2) “ <i>Jussiae repen</i> L Induced Morphological Alterations In Epididymal Spermatozoa of Rat”, S. Ghosal, I. Chakraborty and N. K. Pradhan, <i>Int. J. Pharm. Sci. Rev. Res.</i> , 22 (2), 288-295.	2013	-	-	-	2.191	-
		3) “Searching for the Anti-inflammatory Activity of Zinc Oxide Nano Particle (ZnONPs) Suspensions in <i>Staphylococcus aureus</i> Induced Inflammatory Rat Model”, I. Chakraborty , S. Show and M. Sikdar, <i>Int. J. of Adv. In. Pharma. Res.</i> , 4 (10), 2331-2339.	2013	-	-	-	0.524	-
		4) “ <i>Catharanthus roseus</i> : as a Bacteriostatic Inhibitor of Antibiotic Resistant <i>Staphylococcus aureus</i> Strain”, S. Show, I. Chakraborty and M. Sikdar, <i>Int. J. of Adv. In. Pharma. Res.</i> , 4 (11), 2469-2474. [IF: 0.524]	2013	-	-	-	0.524	-
		5) “ <i>Jussiae repen</i> (L) Acts as an Antifertility Agent--A search for Herbal Male Contraceptive”, I. Chakraborty , S. Ghosal and N. K. Pradhan, <i>Int. J. Pharm. Sci. Rev. Res.</i> , 2014, 24 (2), 288-296.	2014	-	-	-	2.191	-
		6) “In Vitro Comparison between Antibacterial Activity of <i>Catharanthus roseus</i> and <i>Nyctanthes arbortristis</i> on Antibiotic Resistant <i>Staphylococcus aureus</i> Strain”, S. Show, S. Banerjee, I. Chakraborty and M. Sikdar, <i>Indo American Journal of Pharmaceutical Research</i> , 2014, 4 (3), 1487-1493.	2014	-	-	-	0.85	-
		7) “Ameliorative effect of α -tocopherol and ascorbic acid on the accessory reproductive glands of adult male rats in arsenic toxicity”, G. N. Banik, I. Chakraborty and P. K. Mukhopadhyay, <i>Int. J. Pharm. Sci. Rev. Res.</i> , 26 (2) 282-287.	2014	-	-	-	2.191	-
		8) “ <i>Jussiae repen</i> (L) Acts as a uterotonic agent - An In Vitro Study”, I. Chakraborty , S. Ghoshal and N. Pradhan, <i>Int. J. Pharm. Sci. Rev. Res.</i> , Accepted for August issue.	2014, Accepted	-	-	-	-	-

	Listed in International Database	8	-	-	-	-	-	-
Dr. Dipak Das	Other Journal	“Oxygen: Blessing or Curse?”, D. Das , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 42-45.	2011	-	-	-	-	-
Kuntal Gupta	Other Journal	“The Second Brain”, K. Gupta , <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 52-59.	2011	-	-	-	-	-
Achintya Mohan Goswami	Peer Reviewed Journal	1) “Production of Nitric Oxide in host-virus interaction: A case study with a compatible Begomovirus-Kenaf host-pathosystem”, T. S. Sarkar, U. Majumdar, A. Roy, D. Maiti, A. M. Goswami , A. Bhattacharjee, S. K. Ghosh and S. Ghosh, <i>Plant Signaling and Behavior</i> , 5 (6), 668-676.	2010	-	-	-	-	-
		2) “Characterizing the effect of nitrosative stress in <i>Saccharomyces cerevisiae</i> ”, A. Bhattacharjee, U. Majumdar, D. Maity, T. S. Sarkar, A. M. Goswami , R. Sahoo, and S. Ghosh, <i>Archives of Biochemistry and Biophysics</i> (ABB), 496 , pp 109-116. doi:10.1016/j.abb.2010.02.003.	2010	-	-	-	-	-
		3) “Biochemical characterization of compatible plant-viral interaction: A case study with a Begomovirus-Kenaf host-pathosystem”, T. S. Sarkar, A. Bhattacharjee, U. Majumdar, A. Roy, D. Maiti, A. M. Goswami , S. K. Ghosh and S. Ghosh, <i>Plant Signal. Behav.</i> , 6 (4), pp 501-509.	2011	-	-	-	-	-
		4) “An Ecofriendly synthesis of silver nano-bioconjugates by <i>Penicillium citrinum</i> (MTCC9999) and its antimicrobial effect”, A. M. Goswami , T. S. Sarkar and S. Ghosh, <i>AMB Express</i> , 3 (1), pp 16. doi: 10.1186/2191-0855-3-16.	2013	-	-	-	-	-
		5) “Biological synthesis of colloidal gold nanoprisms using <i>Penicillium citrinum</i> MTCC9999”, A. M. Goswami , and S. Ghosh, <i>Journal of Biomaterials and Nanobiotechnology</i> (SCRIP Open Access Journal), DOI: 10.4236/jbnb.2013.42A003	2013	-	-	-	-	-
	Listed in International Database	6	-	-	-	-	-	
	Other Journal	“Attention Deficit Hyperactivity Disorder: A Childhood Psychiatric Problem”, A. M. Goswami , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 98-112.	2012	-	-	-	-	-

	Chapter in Book	“Regulation of FOX O Signaling and its Impact on Cardiac Function”, A. Goswami , In “ <i>Physiology Update</i> ”, Published by Department of General Human Physiology, Haldia Institute of Dental Sciences & Research, Haldia, Purba Midnapore, West Bengal, Vol. 2, pp 40-49.	2010	-	-	-	-	-
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B) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SN IP	SJ R	Impact Factor	h-Index
Dr. Subha Bose (Banerjee)	Peer Reviewed Journal	1) “Suboptimal dose of Sodium antimonygluconate diperoxovanadate combination clears organ parasites from BULB mice infected with antimony resistant <i>Leishmania donovani</i> by expanding anti- <i>Leishmanial</i> T-cell repertoire and increasing ISN- γ to IL-10 ratio”, A. K. Halder, S. Banerjee , K. Naskar, D. Kalita, N. S. Islam and S. Roy, <i>Experimental Parasitology</i> , 2009, 122 , pp 145-154.	2009	-	-	-	-	-
		2) “Designing therapies against experimental visceral <i>Leishmaniasis</i> by modulating the membrane fluidity by antigen present in cell”, S. Banerjee , J. Ghosh, S. Sen, R. Guha, R. Dhar, M. Ghosh, S. Dutta, B. Ray Chaudhury, K. Naskar, A. K. Halder, C. S. Lal, K. Pandey, V. N. Das, P. Das and S. Roy, <i>Infect. Immun.</i> , 2009, 77 , pp 2330-2342. (e-Pub).	2009	-	-	-	-	-
	Listed in International Databse	2	-	-	-	-	-	
Dr. Asis Kumar Pandit	Other Journal	“Chronotherapy: The Synchronized Drug Delivery with Circadian Rhythm”, A. K. Pandit , S. Sahu and S. Moitra, <i>Conscientia</i> [ISSN: 2278-6554], 1 (1), 17-21.	2011	-	-	-	-	-

15) DEPARTMENT OF STATISTICS

A) TRANSFERRED FACULTY

Faculty	Type of Publication	Details	Year	Citation Index	SNIP	SJR	Impact Factor	h-Index
Tanusree Banerjee	Other Journals	1) “Cost of Education: A Statistical Survey and Analysis”, T. Banerjee , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 28-35.	2012	-	-	-	-	-
		2) “Randomized Response Survey Without Using Randomized Device”, T. Banerjee , <i>Conscientia</i> [ISSN: 2278-6554], 1 (3), 36-41.	2012	-	-	-	-	-



Government of West Bengal
Office of the Principal

Krishnagar Government College

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Website: www.krishnagargovtcollege.org

Memo No. 1118C

Dated 22.10.2014

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.

Prof. (Dr.) Jayasri Ray Chaudhuri

Principal

Krishnagar Government College

Prof. Jayasri Ray Chaudhuri (W.B.S.E.S)
Principal
Krishnagar Government College

**SECTION I:
Enclosures**



23236351, 23232701, 23237721, 23234116
23235793, 23232317, 23236725, 23239437



विद्या विमुक्तये

UGC
21/12/07
निश्चयित्वालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI 110 002

F. 1-2/2004 (CPP-I) December, 2007

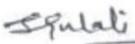
The Principal,
Krishnagar Government College,
Krishnagar,
District Nadia-741 101 (Gujarat).

7 DEC 2007

Sub:- Recognition of under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

With reference to your letter No. 1280 dated 02-11-2007 on the above subject, I am directed to say that the name of Krishnagar Government College, Krishnagar, District Naida (Gujarat) is included in the list of Colleges maintained under Section 2 (f) of the UGC Act, 1956 under the head Government Colleges teaching upto Bachelor's Degree. The College is also eligible to receive Central Assistance under Section 12 (B) of the UGC Act.

Yours faithfully,

(Mrs. Sunita Gulati)
Section Officer

Kalyani University

**Kalyani - 741 235, Nadia
West Bengal
Dr. Prasenjit Deb
Registrar (Offg.)**



Phone Off : 2582-2505, 2582-8750, 2582-8889
2582-8477, 2582-8220, 2582-8286, 2582-3478,
2582-8293, 2582-8378, 2582-8275
Tel. Fax: 00-91-33-582-2505/2582-2505
Web : www.klyuniv.ac.in

No.RPS/Aff.Coll./71/332/13/S-510

Dated : 20.12.2013

The Principal
Krishnagar Government College
Krishnagar, Nadia
Pin-741 101

Sir,

With reference to your Memo No. 1269 dated 16.12.2013 this is to inform you that as per Kalyani University Amendment Act 1998 duly published in the Calcutta Gazette, Extraordinary on 05.02.1999, the territorial jurisdiction of the University of Kalyani has been extended and by virtue of the said Act the **Krishnagar Government College, Krishnagar, Dist. Nadia, Pin-741 101** (previously affiliated to the University of Calcutta) is a permanently affiliated College of this University.

This is for your kind information and taking necessary action.

With thanks,

Yours faithfully,

[Handwritten Signature]
Registrar (Offg.)

REGISTRAR(OFFG.)
University of Kalyani
Kalyani, Nadia-741235
West Bengal

