

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Hooghly Women's College (Name of the institution) fulfils all norms

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

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

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the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn.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.

Date: 27.12.2015
Place: Dippulpali, Hooghly.

Seema Banerjee

Principal/Head of the Institution
(Name and Signature with Office seal)

Principal
Hooghly Women's College



HOOGHLY WOMEN'S COLLEGE

GOVERNMENT SPONSORED

ESTD. 1ST AUGUST, 1949

www.hooghlywomenscollege.org

Vivekananda Road, Pipulpati,

P.O. and Dist. Hooghly,

PIN: 712103,

WEST BENGAL

ACCREDITED 'B++' BY NAAC 2007

SELF STUDY REPORT (SSR)

FOR SUBMISSION TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

BANGALORE, INDIA

For

SECOND CYCLE OF ACCREDITATION-2015





HOOGHLY WOMEN'S COLLEGE

(Govt. Sponsored)

P.O. & Dt. Hooghly, PIN-712103, W.B.

[Accredited "B" by NAAC, Bangalore]

Ph. : 2680-2335 (Principal)
2680-5033 (Office)

No. HWC/NAAC/15/785

Date 27.12.2015

From: Principal, Hooghly Women's College, Hooghly.

To
The Director,
National Assessment and Accreditation Council,
P.O.Box 1075, Nagarbhavi,
Bangalore 560072
India

Subject: Uploading the SELF STUDY REPORT (SSR) 2015, of HOOGHLY WOMEN'S COLLEGE, Vivekananda Road, Pipulpati, P.O. and Dist. Hooghly, PIN: 712103 for the Second Cycle of NAAC Accreditation, in our official website: www.hooghlywomenscollege.org

Sir

In compliance with our LOI requirements for the Second Cycle Accreditation, we are uploading our Self Study Report in our official website www.hooghlywomenscollege.org for your kind perusal.

I shall be looking forward to hear from you about your decision regarding Peer Team Visit to our institution.

Thanking you.

Yours Faithfully

Dr. Sima Banerjee

Principal

Hooghly Women's College

Principal
Hooghly Women's College

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Preface



It is a matter of great pride and privilege for the Principal of Hooghly Women's College to be a witness to the Second Cycle of NAAC Accreditation Process. Hooghly Women's College is a milestone of excellence in the history of education of women not only in Hooghly District but also in the state of West Bengal. Been the first women's college and the sixth academic institution in the district, it awakened the women of the district and beyond from the very early stage of its commencement. It is committed to pursuing excellence alongwith integrity, creativity, cooperation and enthusiasm. The unique strength of the college lies in its ability to integrate learning and development in all its endeavours and activities. Women's equality and empowerment are seen as central for holistic approach towards establishing new patterns and policies. Today Hooghly Women's College is recognized not only as an educational institution, but also acknowledged for steering ahead through the new disciplines it is continuously adding to it. With a striking dynamicity, the College as it stands today can boast of 17 departments (19 Streams) with Honours in 16 of the and students over 2000.

Hooghly Women's College has a sprawling 3.709 acre campus with trees, bushes and shrubs encompassing the different blocks or buildings of the college. It has qualified an experienced faculty with competent ad supporting staff members. In accordance with the UGC scheme, initiative towards Faculty Development Programme is effectively pursued. This includes allowing the teachers to pursue their research for Ph.D. degree, in FDP, participation in seminar/conference/symposium/workshop, encouraging them to undertake research projects. These are actually a means of enriching the quality and content of teaching which

ultimately is for the progression and betterment of students.

As a mark of honour, achievement and recognition, the College was accredited B++ grade by NAAC on 13th March, 2007.

There has been a marked improvement in the library facility and services since early 2010. Library services have become fully automated. LIBSYS software has been introduced for proper documentation of books. It is also used for searching , reporting, circulation and various other functions. In recent times, internet connectivity has also been installed.

In 2009-10, the college website was launched. Computerization of administration has been successfully achieved with software been installed for different accounts related activities. Admission process is also controlled and regulated by an effective network of computers.

Not only technological upgradation, infrastructural developments too register a sharp rise. Thus the institution, as it stands today, comprises of the three-storeyed main building, three-storeyed science block, two-storeyed Geography building and Music department in the ground floor and Education department in the first floor of the same building. The newly constructed MPLAD building with three rooms was opened on 2013. Today the college can boast of 35 classrooms, 11 well-equipped laboratories, two seminar rooms, one language laboratory, one digital classroom, one auditorium, one Library and adjacent reading room, one computer laboratory (UGC-NRC) and other rooms for office and miscellaneous purposes.

There are also provisions for financial aid to students. There are altogether 19 scholarships for the students completing the three-year degree course successfully. Free-studentship is available for poor but meritorious student with 75 % attendance in class. Financial assistance is obtainable from Students Aid Fund also.

The strong and well-formed IQAC of the institution is the custodian of all documents, data and information and thereby keeps all the necessary records in a systematic way. It plays a decisive role in promoting quality culture and internalizing quality consciousness among all the stakeholders. The institution, in fact, always stresses on the role of teachers in quality enhancement and participatory approach to be adopted by teachers for quality and excellence. Student-centric learning process is always advocated in the day-to-day classroom proceedings.

Last but not the least, what needs to be said is that, journey towards excellence does not stop with the NAAC grading and the process of quality cannot be stationary but should continuously strive towards accomplishing new goals which would enable the institution to face the challenges of the ever-changing and rapidly evolving higher education landscape. To achieve this, a harmonious coexistence of all staff members and students are essential to identify its strength and work on its shortcomings so that our institution may traverse a long way and open the lock-gates of newer avenues in the higher education arena.

Sima Banerjee

27.12.2015

Principal
Hooghly Women's College

Executive Summary

CRITERION I: CURRICULAR ASPECTS

- The College is affiliated to the University of Burdwan and implements the curricula of the University in all its UG Departments. The College does not enjoy academic autonomy.
- The College offers ten Honours courses in Arts and eight Honours courses in Science streams besides offering General courses in Science and Arts.
- The College boasts of an extremely competent teaching faculty in all the subjects it offers. Many of them are engaged in high quality research activities.
- The teachers of the college always respond readily to any call for workshops on changes and reforms in the syllabus. They provide suggestions according to their areas of expertise and also make use of student feedback to suggest improvement in teaching methodology.
- The teaching is learner-centric. Unit tests and one Test Examination are held before the part-I, part-II and part-II examination every year as a sort of rehearsal examination before the finals.
- All Science Departments make use of e-resources and promote e-literacy among students. ICT based teaching is common to all science departments. In non-lab based subjects like English, seminars and workshops on adaptation of literary texts in other media are organised, e-learning and use of e-resources are encouraged.
- Departments collaborate with research bodies and the University by participating in seminars and workshops and meetings organized by the University to implement the syllabus.
- Value education seminars, programmes on health awareness, organization of health camps, programmes on heritage preservation, different NSS activities are organized as part of enrichment programmes.
- An active Counselling Cell functions effectively with an aim to provide all round advices and suggestions for better options to students.
- A centralized feedback system from students is maintained. The Departments are also engaged in the process of obtaining student feedback with a view to assessing teaching methodology.
- Parent-teacher-student meets are arranged periodically to discuss examination results and problems arising out of teaching methodology.
- The Governing Body of the College and other stakeholders are kept informed about the enrichment programmes and their valuable suggestions are readily accommodated for an effective implementation of the curriculum

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.
- Admission is conducted completely on-line since 2015-2016 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 Tutorial classes. Advanced students are encouraged to pursue their higher carrier 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. Several major and minor seminars organized by the college in the last couple of years.
- The library and the laboratories of the college are constantly augmented through different grants for the benefit of the teaching learning process.
- The IQAC is an actively functioning unit which through constant discussion with the Principal, Teachers' council and other stakeholders ensures the successful flow of the teaching-learning process.
- Being a government sponsored college, the college doesn't enjoy any autonomy in the recruitment of the permanent teachers. These teachers are appointed by the through recommendations of the West Bengal College Service Commission.
- At present (as on 30.11.2015) there are 34 permanent teachers, 13 Part Time Teachers and 20 Guest Teachers.
- Among the present faculties, 18 teachers have Ph. D. as their highest qualification, 5 have M. Phil as their highest qualification and 11 have PG as their highest qualification.
- The teachers are always 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 testify 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

The primary aim of the College is to impart quality education in different streams. To complement this, the institution aims towards promoting research among teachers and 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. The Committee also urges teachers to participate in Seminars and Symposiums.
- At present there are three ongoing Minor Research Projects (funded by UGC) in the College.
- The College provides major infrastructural facilities like library, laboratory, computer and internet facilities to pursue research activities.
- Availability of 24119 books (including old & rare books), 859 reference books and about 75 Journals in the library to provide the students the opportunity of having a treasure of knowledge. Access to online journals through INFLIBNET adds to this wealth.
- Teachers are actively involved in research activities. This is reflected from the huge list of publications by the faculty members, of which, many are in peer-reviewed International and National journals.
- During the period from 2010 to 2015, 8 faculty members have been awarded their PhD degree. One of them has subsequently been transferred to other Govt. College and one is on lien.
- One faculty member has submitted their Ph.D. thesis, during the same period.
- The faculty members also conduct Field Work, Excursions and Study Tours.
- Many Departments of the College organize Seminars and Symposiums from time to time. These provide a platform for inviting eminent scholars and scientists from other Institutes and interacting with them.
- Some teachers have collaborated with other Institutes for pursuing specialized research.
- In-house research facilities are gradually modernized over the years and these are utilized by several teachers and students for their research works.

- One MOU has been signed with the Branch of Institute of Computer Engineers which has a centre in the college.
- Some of the Departments have conducted social surveys with underprivileged sections of the society, which has resulted in wide-spread community awareness
- Apart from research activity other extension activities are also regularly undertaken by the NSS units of our college

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The following are the major highlights in this criterion related to Infrastructure and Learning Resources:

- Hooghly Women's College is housed in a sprawling campus area of 5672.54 Sq. Meters. Apart from the main building, which is 67 years old, there is the Geography Building, Science Block, Music Department and MPLAD Building which have come up accommodating different departments.
- 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 24119 library books has been completed. 3 Computers are now available in the library with internet and LAN facilities. INFLIBNET facility is introduced for accessing e journals. There are seminar library facilities for each department.
- There is one Language Lab in English department.
- The college has well equipped laboratories with state of the art equipments in the science departments, computer and internet facility. IQAC has decided that some of the classrooms will be upgraded into smart classrooms.
- There is one medicinal garden in the college.
- Infrastructural spaces or other arrangements are allotted to different cells like IQAC, Grievance Redressal Unit, Equal Opportunity Centre etc.
- The college gives increasing importance to ICT tools. There are 6 laptops and 33 desktop computers in the college and the number is increasing every year. These computers are constantly upgraded with latest versions. 17 Computers are equipped with internet connectivity in two libraries.
- As a Government-Sponsored college, it cannot provide any fund for construction and maintenance of buildings. The college, however, keeps constant interaction with the Higher Education Department, West Bengal and PWD (Civil) and PWD (Electrical), Chinsurah division to ensure construction and maintenance of building infrastructure and electrical connection.
- The college has a website of its own www.hooghlywomens.org. The website is updated regularly. On-line admission process is conducted through this website.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

The following are the major highlights in this criterion:

- Every year the college publishes a prospectus, which is handed over to the candidates willing to take admission in this college at the time of admission. The prospectus contains extensive information about the college and its curriculum. The college also publishes an annual Academic Calendar/Diary consisting of detailed information regarding college activities, e.g., examination schedule of the college, tentative dates of publication of college examination results, dates of class tests, students' seminar, annual sports, list of holidays and dates to commemorate some special events.
- Different types of financial assistance are provided to the students enabling them to continue with their studies by the State Govt..
- Students belonging to the SC/ST/OBC and economically weaker sections of the society are taken care of by the college. The college considers counseling to students in academic and personal area as a primary duty. Therefore, the faculties are conscious of developing the potentiality of each student in academics as well as solving their personal problems in a congenial atmosphere. Academic and career counseling are offered by the teachers.
- The college provides a healthy environment to the students through several welfare means such as cheap canteen, Grievance Redressal Cell, Counseling Cell and a fully functional Students' Section in the college office.
- The college has constituted the Women's Cell for Gender sensitization and prevention of sexual harassment. However, not a single case has been reported so far.
- It has a elected Students' Union, which actively participates in organization of various co-curricular and extracurricular activities such as various cultural programmes, indoor and outdoor game competitions, annual sports meet, Mock Parliament etc.
- The Students' Union also has representation in various academic and administrative bodies to facilitate smooth functioning of the college.
- The Alumni Association of Hooghly Women's College performs several welfare activities and encourages the students of the college not only in their academics, but also to excel themselves in their future life.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

Hooghly Women's College is the first women's college and sixth academic institution in the district of Hooghly. Being the pioneering academic institution in women education and progression, it has awakened the women of the district and beyond from the very early stage of its commencement. And to this day, it has continued to play a decisive role to awake and enlighten the women folk of the society. Major points in this regard are enumerated below:

- The vision of the college is to build young minds fit to take the helm affairs in different walks of life through the process of cultural, socio-economic and environmental sustainable development as individuals, communities and a nation.

- The Head of the Institution plays the pivotal role in guiding as well as monitoring the overall academic, administrative and financial activities of the college. The Principal plays the key role in motivating all the employees (both teachers and the members of the non-teaching staff) towards achieving the institutional goals within the time limit set for attaining each of the objectives.
- Being a Government-Sponsored college, this institution is administered jointly by the Governing Body of the college and the Higher Education Department of Government of West Bengal. Budget allocation and all the appointments, confirmation, promotion, teaching and nonteaching staff are being controlled by the Department of Higher Education and the West Bengal College Service Commission.
- 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.
- Different academic and administrative committees and sub-committees are constituted to implement the institutional strategic plans.
- A few college teachers represent the Under Graduate Council of the University of Burdwan.
- Finance Committee operates the purchasing procedure and the Principal on discussion with the Departmental Heads sets guidelines of fund distribution.
- 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.
- 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:

- Maintaining the environmental balance within the campus through measures like organizing Tree Plantation programme, declaring the campus as No-Plastic zones, organizing seminars on environmental issues etc.
- Salary of the staff through COSA software followed by e-Pradan followed by e-Billing.
- Two best practices have been identified by the college:
 - i) Organising seminars/programmes on the great personalities of the nation
 - ii) Survey work on unpaid care work by women in the surrounding areas.



Team of SSR Compilation for NAAC 2015 of Hooghly Women's College

<p>SWOC</p>	<p><u>Strengths.</u></p> <ul style="list-style-type: none"> • The strength has successfully updated the motto of the college – we enlighten, we enrich, we empower. • Highly qualified, competent and dedicated teachers give their earnest efforts to maintain the high academic standards of the college. • The involvement of the college students in diverse activities through various creative and people-centric programmes helps them in personality development and in turn helping them to develop as responsible citizens. • The equal opportunity centre successfully carries out programmes and activities concerning women related issues. • Special attention is paid to the slow learners in the tutorial classes so that they may also successfully run in the race of academics with the other learners. • Computerized library and reading room facilities allows students to explore aspects within and beyond curriculum. • Wide internet facility in the campus together with internet accessibility for users. • Online admission procedure ensuring complete transparency. • Makes administrative data handling fast and easier. • College offers excellent hostel facilities at a very nominal rate. • The psychological counseling cell and student's grievance redressal cell addresses the difficulties faced by the students. • The college boasts of a lush green pollution free campus with a well maintained garden area including a medicinal garden. • Environmental parameters and safety norms in the laboratories are strictly maintained in the college campus. 	<p><u>Weakness</u></p> <ul style="list-style-type: none"> • Class room far from being sufficient • Lack of space to provide for separate departments in the humanities section. • Excessive class load for the faculties. • There is no uniformity of disbursement of government funds over the year. Moreover funds are also insufficient to adequately meet the planning and execution of projected works. • Dependence on P.W.D for civil constructional work within the college and hostel campus makes quality assurance maintenance and monitoring difficult. The process is also long-drawn which causes much inconvenience. • Inadequate administrative staff to student/faculty ratio acts as a hindrance to the smooth running of the administrative affairs of the college.
<p><u>Opportunities</u></p> <ul style="list-style-type: none"> • IQAC and its activities have given a boost to the departments regarding quality control, record maintenance, utilization of funds, academic expansion and collaborations. • Provisions for institutional scholarships and freeships for those meritorious and economically backward students not receiving financial assistance from other sources. • Participation in academic programmes like seminars, workshops, tutorial classes, other programmes organised by equal opportunity centre, N.S.S inculcate within the students a motivation to pursue higher studies. • Value education and health awareness programmes for students including seminars, workshops and N.S.S activities in slum areas with women and children inculcates a sense of responsibility in them. 	<p><u>S-O Strategies</u></p> <ul style="list-style-type: none"> • Upgradation of classrooms with ICT facilities. • Fully computerized office with desk-top for every office staff and connected by LAN. • Arrangement for special training programmes to furnish and equip the faculties with full know-how of computer usage as related to teacher-learning process. • Regular flow of government funds for proper maintenance and utilization of the vast campus area with its ponds and a number of fruit trees. • A permanent full-time residential super in the ladies hostel. • A medical unit in the college campus with a full-time medical practitioner. • Better liaison with PWD for maintenance of college, hostel and campus. 	<p><u>W-O Strategies</u></p> <ul style="list-style-type: none"> • Generation of reserve funds for meeting contingent needs of the college and also to cater to needy students who fails to receive financial help from external agencies. • Enhancing the number of research proposals. • Approaching government-administrative departments to request for filling up vacant teaching and non-teaching posts. • Increasing the teacher membership in the UG Board of the university to ensure participation in academic designing and syllabus framing.
<p><u>Challenges</u></p> <ul style="list-style-type: none"> • As the college has to function within the strict periphery of syllabus and annual academic schedule, set by the university, there is little scope for introducing innovative teaching- learning techniques. • The college does not have any power to fill up the vacant teaching and non-teaching posts. The power results only with the government. • The upgrading of infrastructure does not go at par with the annual increase in student intake as directed by the mother university. 	<p><u>S-C Strategies</u></p> <ul style="list-style-type: none"> • Academic and value education programmes help in the overall development of the students which in turn helps them to remain focused in their vision of achieving their goals despite many differences or disparities that may be amongst the individuals. • Updating and consequent upgradation of infrastructure pertaining to latest technological trends. • Shortage of funds for continuous purchase of books and journals by college library can be overcome by subscribing for e-books journals. • To ensure a healthy working environment, maintenance of a strict discipline amongst teaching, non-teaching and students is of vital importance. • A whole-hearted involvement of teaching and non-teaching staff in the different college committees to ensure continuous and smooth running of college activities. 	<p><u>W-C Strategies</u></p> <ul style="list-style-type: none"> • Adopting special managerial techniques to cope with the shortage of office or administrative staff. • Creating reserve funds for general well being of the college. • Motivating students to utilize to the full whatever scope comes in the way. • Curriculum should be brought out of their frame works and operate more on the functional level. • Class rooms should be the place for optimal development of creative thinking and critical thinking of students.

SECTION B: PREPARATION OF SELF-STUDY REPORT

1. Profile of Hooghly Women's College

1. Name and Address of the College:

Name :	Hooghly Women's College	
Address :	Vivekananda Road, Pipulpati, P.O. & Dist. Hooghly	
City : Hooghly	Pin :712103	State : West Bengal
Website :	http://www.hooghlywomenscollege.org/	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Sima Banerjee	O: 033-26802335 R:033-26804883	+919432357427	033-26802335	hooghlywomenscollege@gmail.com
Vice Principal	NIL	O: NIL R: NIL	NIL	NIL	NIL
Steering Committee Co-ordinator	Dr. Anindita Sengupta	O: 033-26802335 R: 033-25637810	+919874068764	033-26802335	asengupta15@yahoo.com

3. Status of the Institution:

Affiliated College

√

Constituent College

Any other (specify)

4. Type of Institution:

a. By Gender

i. For Men

√

ii. For Women

iii. Co-education

b. By Shift

i. Regular

ii. Day

iii. Evening

√

5. **It is a recognized minority institution?**

Yes

No

√

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

N.A.

6. **Sources of funding:**

Government

Grant-in-aid

Self-financing

√

[UG.C. and State Government Grant]

[Pay Packet Scheme of the State Govt.]

Any other

M.P. LAD

7. a. **Date of establishment of the college:** 01/08/1949

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

The University of Burdwan (since 1962, previously under the University of Calcutta

University Affiliation Certificate is enclosed in Annexure.

c. **Details of UGC recognition:**

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	01.08.1960	See U.G.C. Serial No. 561
ii. 12 (B)	01.08.1960	-do-

(Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act is enclosed in Annexure)

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.	NIL	NIL	NIL	NIL
ii.	NIL	NIL	NIL	NIL
iii.	NIL	NIL	NIL	NIL
iv.	NIL	NIL	NIL	NIL

(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: NIL

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agency NIL

And

Date of recognition: NIL

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

Location *	Urban
Campus area in sq. mts.	15009.79 Sq. Meters
Built up area in sq. mts.	4538.38 Sq. Meters+335 Sq. Meters+168.16 Sq. Meters + 631 Sq. Meters = 5672.54 Sq. Meters

(* 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 (3)
- Sports facilities
- Playground (1)
- Swimming pool
- Gymnasium
- Hostel
- Boys' hostel

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities (mention available facilities)

- Girls' hostel √

- i. Number of hostels 2
- ii. Number of inmates 70

iii. Facilities (mention available facilities): Accommodation available with tight security and one non-residential Superintendent (in-charge) and an Assistant Superintendent (in-charge). Lady night guard is provided. Wholesome meals are provided at minimum expenses. Clean and green environment surrounds the campus and there is a proposed rain water harvesting project. TV, magazines, computer facilities with internet facility are provided and group activities like Navin Baran (fresher's Welcome), Farewell programme to final year students, Independence Day celebration take place every year. Tuition facilities are given, during examination.

- Working women's hostel

- i. Number of inmates
- ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise) NIL

- Cafeteria – College Canteen is available.

- Health centre – Students Health Home of the district is nearby the college and students get all types of help from the centre. One physician (contract) conducts check-up of the students in case of necessity.

- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

First aid facility is available in the college. Five first aid boxes are available in the Science Building, Main Building, Library Building, Geography Building, Music Building, MPLAD Building and Students' Hostel.

- Health centre staff – NIL

Qualified doctor	Full time	<input type="checkbox"/>	Part-time	<input type="checkbox"/>
Qualified Nurse	Full time	<input type="checkbox"/>	Part-time	<input type="checkbox"/>

- Facilities like banking, post office, book shops

Several banks and the post office of Chinsurah are nearby the college. One book shop is just on the opposite side of the college building and students get all types of help from the shop.

- Transport facilities to cater to the needs of students and staff

College does not provide any transport for the students and the staff. But the college is located in such an area which is well connected by train, bus, auto and rickshaw. Therefore, there is as such no problem for the students and the staff to come to the college regularly.

- Animal house NIL
- Biological waste disposal: Municipality Staff regularly collect the biological wastes.
- Generator or other facility for management/regulation of electricity and voltage One Generator of Kirloskar company with 63 K.V. is available in the college. It has the capacity to supply electricity in the whole college during power cut.

- Solid waste management facility : Yes.

Department of Chemistry use a separate waste container for broken glass apparatus. Before disposing them they are crushed thoroughly. The department is planning to buy a crusher for the broken glass items. Department of Chemistry uses separate containers for solid and liquid waste. The chemical wastes are not disposed directly to the municipality vat or municipality drainage system. There is a fixed area behind the college campus which is used for disposing chemical waste.

Department of Microbiology, Zoology and Nutrition are also following some strategy to manage hazardous waste. They are aware of the fact that the waste material exerted from their laboratories should not mix with the nature without proper management. In view of such objectives, those department have taken following measures:

- ❖ College prepares a dumping zone for chemical and biological waste in an isolated zone.
- ❖ Animals after experiment are buried in the back yard or dumping zone.
- ❖ Department of microbiology discards the cultures after a process called autoclave by which almost all bacterias are disinfected.
- ❖ They clean laboratory by two or three times in a week.
- ❖ Dumping pits are checked and cleaned regularly.
- Waste water management: NIL
- Water harvesting: NIL

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

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification (Marks in relevant subject)		Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
				General Category	Reserved Category			
1.	Under-Graduate	B.A.(Hon s.) in Bengali	Three Years	55	45	Bengali	59	59
		B.A.(Hon s.) in English	Three Years	60	45	English	59	51
		B.A.(Hon s.) in Sanskrit	Three Years	55	45	Sanskrit and Bengali	59	50
		B.A.(Hon s.) in History	Three Years	50	45	Bengali and English (occasionally)	59	40
		B.A.(Hon s.) in Political Science	Three Years	45	45	Bengali	37	35
		B.A.(Hon s.) in Philosophy	Three Years	50	45	Bengali and English (occasionally)	59	54
		B.A.(Hon s.) in Economics	Three Years	45 Pass in Mathematics	45 Pass in Mathematics	English and Bengali (occasionally)	16	5
		B.A.(Hon s.) in Music	Three Years	45	45	Bengali	37	17
		B.A.(Hon s.) in Geography	Three Years	60	45	English and Bengali (occasionally)	46	46
		B.A.(Hon s.) in Education	Three Years	50	45	Bengali and English (occasionally)	31	31
		B.Sc.(Hons.) in Physics	Three Years	50 45 in Mathematics	45 45 in Mathematics	English and Bengali (occasionally)	31	27

		B.Sc.(Hons.) in Chemistry	Three Years	60 50 in Mathematics	45 50 in Mathematics	English and Bengali (occasionally)	23	17
		B.Sc.(Hons.) in Economics	Three Years	45 Pass in Mathematics	45 Pass in Mathematics	English and Bengali (occasionally)	7	0
		B.Sc.(Hons.) in Mathematics	Three Years	50	45	English and Bengali (occasionally)	37	30
		B.Sc.(Hons.) in Geography	Three Years	60 40 in Mathematics /Biology	45 40 in Mathematics /Biology	English and Bengali (occasionally)	10	10
		B.Sc.(Hons.) in Microbiology	Three Years	50 Pass in Chemistry	45 Pass in Chemistry	English and Bengali (occasionally)	37	29
		B.Sc.(Hons.) in Nutrition	Three Years	50 Pass in Chemistry	45 Pass in Chemistry	English and Bengali (occasionally)	31	17
		B.Sc.(Hons.) in Zoology	Three Years	50 Pass in Chemistry	45 Pass in Chemistry	English and Bengali (occasionally)	15	14
2.	Post- Graduate	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3.	Integrated Programmes PG	NIL	NIL	NIL	NIL	NIL	NIL	NIL
4.	Ph.D.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
5.	M.Phil.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
6.	Ph.D.	NIL	NIL	NIL	NIL	NIL	NIL	NIL
7.	Certificate courses	NIL	NIL	NIL	NIL	NIL	NIL	NIL
8.	UG Diploma	NIL	NIL	NIL	NIL	NIL	NIL	NIL

9.	PG Diploma	NIL						
10.	Any Other (specify and provide details)	NIL						

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	3
-----	-------------------------------------	----	--------------------------	--------	---

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
Science	Physics, Chemistry, Mathematics, Microbiology (Honours only), Nutrition (Honours only), Zoology , Botany (General only), Economics , Geography	<input checked="" type="checkbox"/>		
Arts	Bengali, English, Sanskrit, Geography , History, Philosophy, Political Science, Economics, Music, Education	<input checked="" type="checkbox"/>		
Commerce	NIL	NIL	NIL	
Any Other (Specify)	NIL	NIL	NIL	NIL

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, 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 NIL
- c. Any other (specify and provide details) NIL

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

Yes No

If yes,

- a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)
and number of batches that completed the programme
- b. NCTE recognition details (if applicable)

Notification No.: Date:
(dd/mm/yyyy) Validity:.....

- c. Is the institution opting for assessment and accreditation of Teacher Education Programme 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)..... (dd/mm/yyyy)
and number of batches that completed the programme
- b. NCTE recognition details (if applicable)

Notification No.: Date:
(dd/mm/yyyy) Validity:.....

- c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?
Yes No

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

Positions	Teaching faculty						Non-teaching staff		Technical staff		
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F	
	*M	*F	*M	*F	*M	*F					

Sanctioned by the UGC / University / State Government Permanent/Substantive Recruited			2	8	14	10	6	4	1	
Yet to recruit										
Sanctioned by the Management/ society or other authorized bodies Part-timers/Guest Lecturers Recruited					6	27				
Yet to recruit										

*M-Male *F-Female

21. **Qualifications of the teaching staff:**

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			1	4	6	7	18
M.Phil.			1	2	1	1	5
PG			0	2	7	2	11
Temporary teachers							
Ph.D.							
M.Phil.							
PG							
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

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

20

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	Female	Male	Female	Male	Female

SC		206		262		264		292
ST		38		45		47		42
OBC		59		101		109		124
General		1350		1419		1374		1476
Others		0		0		0		0

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

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	2120				
Students from other states of India					
NRI students					
Foreign students					
Total					

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

UG

17%

PG

N.A.

26. **Unit Cost of Education**

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

(a) including the salary component

Rs.18143.51/-

(b) excluding the salary component

Rs.472.10/-

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.

N.A.

c) Number of programmes offered

N.A.

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

Yes

No

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

Name of the Subject	Teacher-Student Ratio
Physics	1:34.5
Chemistry	1:49.5
Mathematics	1:50
Microbiology (Honours only)	1:20
Nutrition (Honours only)	1:12
Zoology	1:20
Botany (General only)	1:15
Economics	1:20
Geography	1:34
Bengali	1:212
English	1:42
Sanskrit	1:199
History	1:172
Philosophy	1:178
Political Science	1:146
Music	1:16
Education	1:196

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: 31.03.2007 (dd/mm/yyyy) Accreditation Outcome/Result: B++

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

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

Copy of accreditation certificate and peer team report are enclosed in the annexure.

31. **Number of working days during the last academic year.**

32. **Number of teaching days during the last academic year**

(Teaching days means days on which lectures were engaged excluding the examination days)

245

33. Date of establishment of Internal Quality Assurance Cell ((IQAC) IQAC

24/07/2007 (dd/mm/yyyy)

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

AQAR (i) 2010-11 on 26.12.2015

AQAR (ii) 2011-12 on 26.12.2015

AQAR (iii) 2012-13 on 26.12.2015

AQAR (iv) 2013-14 on 26.12.2015

AQAR (v) 2014-15 on 26.12.2015

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

There is no other relevant data to be included.

Annexure- College Profile

University Affiliation Certificate:

The University of Burdwan
Department of Inspector of Colleges
Rajbati, Burdwan- 713104
West Bengal



Tel. Nos. +91-0342-2634975 (EPABX)
Telegraphic Code : BURDSITY
Fax : +91-0342-2533920
E-mail : ic@buruniv.ac.in
Website : http://www.buruniv.ac.in

51 YEARS OF ACADEMIC EXCELLENCE

No. IC/Misc./S-12/245

Burdwan, 20th June, 2011

To Whom It May Concern

This is to certify that Hooghly Women's College, P.O. : Pipulpati, Dist : Hooghly, PIN - 712 103 is affiliated to The University of Burdwan, P.O. : Rajbati, Dist : Burdwan since 1960. The year of establishment of Hooghly Women's College is 1949 (with the affiliation under Calcutta University).



[Signature]
14.6.11
Principal
Hooghly Women's College

[Signature]
Registrar

REGISTRAR
THE UNIVERSITY OF BURDWAN
BURDWAN-713104

Colleges under section 2 (f)& 12(B) of the UGC Act 1956

Consolidated List of Colleges under section 2(f)/12(B) as on 31.08.2015

The University Grants Commission (UGC) provides financial assistance to eligible colleges which are included under Section 2(f)* and declared fit to receive central assistance (UGC grant) under Section 12 (B)** of UGC Act, 1956 as per approved pattern of assistance under various schemes.

* The UGC had notified Regulations for recognition of colleges under Section 2(f) of the UGC Act, 1956. The colleges are brought under the purview of UGC in terms of these Regulations as and when the proposals are received from the colleges for inclusion under Section 2(f) and they are found fit for inclusion as per the provisions contained in the Regulations.

** Apart from inclusion of colleges under Section 2(f), the UGC includes the Colleges under Section 12(B) of its Act in terms of Rules framed under the Act. This makes the colleges eligible for central assistance from the Government of India or any organization receiving funds from the Central Government.

Colleges Search by State Grants Released to colleges

Colleges Search by State

West Bengal

Search

S.No.	College	University	Status
151	Haldia Govt. College Debhog, Dist., Midnapore, West Bengal West Bengal		Under Section : 2(f)&12(B)
152	Haldia Institute of Technology Hatiberis, Haldia, Dist., Purba Medinipur, West Bengal 721 657 West Bengal 721 657	West Bengal University of Technology	Under Section : 2(f)&12(B)
153	Harimohan Ghosh College 5/206 Paharpur Road Gardenreach, Calcutta - 24, Dist., Calcutta West Bengal West Bengal		Under Section : 2(f)&12(B)
154	Haringata Mahavidyalaya P.O. Subarnapur, Dist., Nadia, West Bengal West Bengal		Under Section : 2(f)&12(B)
155	Heramba Chandra College 23/49 Garhahat Road Calcutta -19., Dist., Calcutta West Bengal West Bengal		Under Section : 2(f)&12(B)
156	Heritage Institute of Technology Chowbaga Road Anandapur, P.O. East Kolkata Township, Kolkata West Bengal West Bengal		Under Section : 2(f)
157	Hilji College Kuchlachai, Dist., Midnapore, West Bengal 721 306 West Bengal 721 306		Under Section : 2(f)&12(B)
158	Hingalganj Mahavidyalaya P.O. Hingalganj, Dist., North 24 Parganas, West Bengal 743 435 West Bengal 743 435	West Bengal State University	Under Section : 2(f) File No.: 8-420/2013(CPP-I/C)
159	Hiralal Bharat College Nalhati, Dist., Birbhum, West Bengal West Bengal		Under Section : 2(f)&12(B)
160	Hiralal Mazumdar Memorial College		

Welcome to UGC, New Delhi, India

	for Women Dakshineswar Calcutta - 35,, Distt., North Tw West Bengal West Bengal		Under Section : 2(f)&12(B)
161	Hooghly Mohsin College Chinsurah, Distt., Hooghly, West Bengal West Bengal		Under Section : 2(f)&12(B)
162	Hooghly Women's College Pipulpati, Distt., Hooghly, West Bengal West Bengal		Under Section : 2(f)&12(B)
163	Indian College of Arts & Draftmanship Calcutta, Distt., Calcutta, West Bengal West Bengal		Under Section : 2(f)&12(B)
164	Indian Institute of Legal Studies dagapur, Matigara, Distt. Darjeeling West Bengal 734 010 West Bengal 734 010	University of North Bengal, Darjeeling	Under Section : 2(f)&12(B) File No.: 8-93/2014(CPP-I/C)
165	Institute of Education Haldia, Vill. Anlat, P.O. + P.S. - Sutahata, Distt., Purba Medinipur West Bengal 721 635 West Bengal 721 635	Vidyasagar University	Under Section : 2(f) File No.: 8-277/2009(CPP-I/C)
166	Institute of Education for Women Hastings House Alipore Calcutta -27., Distt., Calcutta West Bengal West Bengal		Under Section : 2(f)&12(B)
167	Institute of Genetic Engineering Badu, Kolkata, West Bengal 700 128 West Bengal 700 128	West Bengal University of Technology	Under Section : 2(f) File No.: 8-214/2013(CPP-I/C)
168	Institute Of Mass Communication Film & Television 186/57, Prince Anwar Singh Road, Kolkata, West Bengal 700 045 West Bengal 700 045		Under Section : 2(f)
169	Institute of PG Ayurvedic Education & Research Shyamadas Vaidya Shastra Pith Hospital, 294/3/1, Acharya Prafulla Chandra Road Calcutta 700 009 West Bengal 700 009	Calcutta University	Under Section : 2(f)&12(B)
170	Institute of Post Graduate Medical Education & Research 244, A.J.C. Bose Road, Distt., Calcutta, West Bengal 700 020 West Bengal 700 020		Under Section : 2(f)&12(B)
171	Islampur College Distt., Islampur, West Bengal 733 202 West Bengal 733 202		Under Section : 2(f)&12(B)
172	J.D.Birla Inatitute 11, lower Rawdon Street Kolkata, West Bengal 700 020 West Bengal 700 020		Under Section : 2(f)&12(B)
173	Jadavpur Vidyapith College of Education Calcutta -32, Distt., Calcutta, West Bengal West Bengal		Under Section : 2(f)&12(B)
174	Jagannath Kishore College Purulia, Distt., Purulia, West Bengal West Bengal		Under Section : 2(f)&12(B)
175	Jalpaiguri Govt. Engineering College		



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Hooghly Women's College
Pipulpati, Dist. Hooghly
affiliated to University of Burdwan, West Bengal as
Accredited
at the B⁺⁺ level.*

Date : March 31, 2007



Mr. Arat
Director

- This certification is valid for a period of Five years with effect from March 31, 2007
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C grade, 65-70-C⁺ grade, 70-75- B grade, 75-80- B⁺ grade, 80-85-B⁺⁺ grade, 85-90- A grade, 90-95-A⁺ grade, 95-100-A⁺⁺ grade (upper limits exclusive)

March 31, 2007/152



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Hooghly Women's College

Place : Pipulpati, Dist. Hooghly, West Bengal

Criterion	Weightage (W _i)	Criterion Score (C _i)
I. Curricular Aspects	100	90
II. Teaching-Learning and Evaluation	400	352
III. Research, Consultancy and Extension	50	38
IV. Infrastructure and Learning Resources	150	130
V. Student Support and Progression	100	80
VI. Organization and Management	100	80
VII. Healthy Practices	100	60
Total	ΣW _i = 1000	ΣC _i = 830

$$\text{Institutional Score} = \frac{\sum C_i}{\sum W_i} \times 100 = \frac{830}{1000} \times 100 = 83.00$$

Date : March 31, 2007

Harad
Director

March 31, 2007/152

DRAFT REPORT ON

INSTITUTIONAL ACCREDITATION

OF

HOOGLY WOMEN'S COLLEGE

VIVEKANANDA ROAD, PIPULPATI P.O. & DIST. HOOGLY,

WEST BENGAL, PIN - 712 103

DRAFT REPORT ON INSTITUTIONAL ACCREDITATION OF
HOOGHLY WOMEN'S COLLEGE,
VIVEKANANDA ROAD, PIPULPATI P.O. & DIST. HOOGHLY,
SECTION I

PREFACE

Hooghly Women's College is the first Women's College started exclusively for providing higher education to women of the Hooghly District, West Bengal. Previously the college was under the University of Calcutta and later it was affiliated to the University of Burdwan in 1962. The College has been recognized by the UGC under 2(f) and under 12(B) on 1st August, 1950. The College is aided and receiving salary grant from the State Government and comes under Grant-in-aid category.

The College has been established in 1949 under the effort of Bengal Mission, a wing of Scotland Church. From 1952 Calcutta University has recognized it as a centre for conducting university examinations and is continued by the University of Burdwan. The Institution is situated in an Urban Area.

The Principal aim of the Institution is "women education and women empowerment". This college has been established with the objective of spreading education among Women and to dispel the darkness of superstitions and inhibitions of the society.

The College is offering 06 options in Arts and Science Faculties at UG level. Both Honours and General Courses in BA and B.Sc are being taught in the college. Subjects offered are Bengali, English, Sanskrit, Philosophy, History, Geography, Economics, Political Science, Music, Physics, Chemistry, Micro- biology, Botany, Zoology & Mathematics. The College is not offering any PG Programme.

The College has 64 teachers among whom 32 are permanent, 3 are full time temporary and 29 are part-timers. Percentage of teachers with Ph.D as the highest qualification is 16.66 (13) and those with M. Phil qualification is 12.12 (9). Percentage of the teachers completed NET and SLET examinations is 15.15 (14). The college administration is supported by 17 permanent Non-Teaching members, among whom 08 are in the office, 04 are lab attendants and 05 are class iv

servants. The college offers programmes in Bengali and English Medium. The unit cost of Education is Rs.10,549 including salary component and Rs.664 excluding salary component.

The college is spread over 3.709 Acres of land and is well maintained. The student strength is 1,215, all being women. The pass percentage is good. The College follows annual system. The Infrastructural facilities available in the college include Central Library, limited Sports Facilities, a Hostel, Canteen and a cycle shed.

The College volunteered to be assessed by NAAC and submitted its Self Study Report (SSR) in January, 2007. A Peer Team Committee consisting of Prof. B. Hanumaiah, Ex. Vice Chancellor, Mangalore University [presently Professor, Karnatak University, Karnataka] as Chairman, Dr. Prasanna Kumar Biswasroy, Professor, Berhampur University, Berhampur, Orissa as member co-ordinator and Prof. K.M. Kuriakose, Former Principal (St. Thomas College, Bhilai), Kochuplarampil, Vakathanam, Kottayam, Kerala as member respectively, visited the college and validated the self study report. Dr. M.S. Shyamasunder, Deputy Advisor, NAAC, Bangalore, monitored the visit as internal co-ordinator and the Peer Team visited the college on 12th and 13th March 2007.

The Peer Team perused and analysed the Self Study Report submitted by the college. During the institutional visit the Team went through all the relevant documents, visited the departments and facilities. The Team interacted with the Principal, the management committee, the teachers, non-teaching staff, students, parents and alumni of the college. After this exercise and keeping in view the criteria identified by NAAC the Team has prepared the report.

Section II

CRITERION - I : CURRICULAR ASPECTS

Hooghly Women's college, Hooghly is an Under-Graduate College in Arts and Science, is affiliated to University of Burdwan, West Bengal. It caters to the educational needs of girl students of Hooghly and other neighbouring rural areas. It is the only Women's College in this area. The "mission and goal" of the college is to spread women's education and to inculcate self confidence, social consciousness and human values in students. The college has 15 departments in Arts and Science streams. The college is offering Bengali, English, Sanskrit, Philosophy, History, Geography, Economics, Political Science and Music as general subjects at UG level in Arts stream. Physics, Chemistry, Microbiology, Botany, Zoology and Mathematics

are the options available for the science students. It imparts honours teaching in eleven subjects except Political Science, Music, Botany and Zoology. The under graduate programmes in Economic Honours, Microbiology Honours and Biology general are on self financing basis. The college charges Rs. 15,000 per annum for Microbiology students and Rs. 3,500 for Biology students. However, at present no special fees are charged for Economic Honours Students. There is some flexibility in respect of time-frame and horizontal mobility in pursuing the academic programmes. There is also a flexibility in the programme for the selection of elective options. The college conducts academic programmes in a systematic manner. The programmes offered by the college are of annual pattern. It takes about a year for the College to introduce a new programme after getting approval of the State Government and University. The Principal and the Head of the department of Physics are members of the BOS in Burdwan University in these subjects. However, some teachers of the college do participate in the workshop conducted by the University regarding examination system and curriculum design. The academic programmes of the College are implemented under the direct supervision of the Principal in consultation with staff and academic committee.

The college has recently introduced feedback system from final year students on teaching programmes. In order to make the feedback system more effective, the college may extend the same for all the three years degree students. Teachers of the department of Political Science, Bengali, Philosophy and Geography are members of their respective professional bodies. The college may introduce few vocational courses on spoken English, Interior design, Beautician, Floristic, Knitting and Embroidery etc, and some other career oriented courses on self-financing basis. The college is yet to develop formal mechanism to obtain feedback from academic peer and employers on teaching programmes and also to probe the possibility of introducing need based courses. The courses offered by the college are in consonance with the goals and objectives of the institution.

CRITERION - II : TEACHING, LEARNING AND EVALUATION

Admission to the college is based on academic performance of students in the qualifying examination. The reservation policy of the Government of West Bengal is followed with a view to extending higher education to the underprivileged. Home assignment, unit test,

terminal and preliminary examinations are conducted to assess and evaluate the students. The lecture method is supplemented by encouraging the students to participate in group discussions, question-answer session and departmental seminars. Students of the Science Department are taken for educative excursions for better exposure of their subjects. Faculty members of geography department use teaching aid whereas Physics, Mathematics, Geography and Economics departments have computers. Remedial classes for the disadvantaged students are organised. The learners are provided with special counselling and library support to further enrich their knowledge. The temporal plan is annual. The syllabi are unitised. The teachers prepare annual teaching plan at the beginning of the academic year. The teachers strictly follow the teaching plan in the completion of the course. The principal monitors the teaching work. The students are informed about evaluation methods through circulars, kept in the library and displayed on the notice board. University examinations are conducted as per rules.

There are 220 teaching days out of 240 working days during 2006-07 academic year. Teachers are recruited on the basis of guidelines laid down by the University and State Government. There is self appraisal method for teachers' evaluation. The college has introduced a system to get students feedback on teachers' performance which needs to be put to effective use. No teaching award has been won by the teachers. Teachers participate in the administration of the college by acting as convenor and members of various committees. Some of them are on the Academic Committee, the Admission Committee, the Examination Committee and Library Committee as members. Three teachers are members of the Governing Body. The college has 40 sanctioned posts of teachers, of which 09 are vacant at present. On the other hand the college has appointed 03 full-time and 29 part-time teachers on temporary basis and pays their salary from the college fund. Full-time faculty members take 80% of the classes. The college organised a UGC sponsored National Seminar on "Women, Society and Literature" during January, 2006. Teachers are seen to be sincere and dedicated to their duties and the goals and mission of the college.

CRITERION - III : RESEARCH CONSULTANCY AND EXTENSION

Out of the 32 permanent teachers, 09 possess M. Phil degrees, 13 have Ph. D. degrees, 01 teacher has registered for Ph. D. programme on part-time basis and one teacher each from the department of Sanskrit, Economics and Philosophy are doing Ph. D. under the Faculty Improvement Programme of UGC. The college by sanctioning study leave and making adjustments in the teaching schedules encourage teachers to do research. There is a Research Committee in the college. Teachers of the department of Bengali, Economics, Political Science, Geography, Zoology and Chemistry have published research papers in journals. Faculty members of Bengali and English have published popular articles in magazines and newspapers. The Principal of the college has been invited as a resource person to deliver lectures in Life Sciences. Five teachers of the department of Political Science, Geography and Bengali have authored text /reference books. Most of the teachers have attended Seminars / Conferences during last few years. A teacher from the department of Political Science presently is handling a Minor Research project of Rs. 55,000 on the theme "Preamble to the Constitution: A Search for a Typology" under UGC. The college should encourage its faculty to take up research projects and publications in referred journals. The Research Committee may help the teachers to prepare and submit research projects to funding agencies like UGC, NHRD, ICPR, ICSSR, ICHR etc. The College is yet to institutionalise consultancy services. The Department of Botany is maintaining the medicinal plants of the Botanical Garden.

The extension activities of the college are undertaken mainly by the N.S.S. volunteers. There are two NSS Units consisting of 100 volunteers in each unit and two designated teachers are in-charge of them. The college undertakes its extension activities with GOs and NGOs and worked in the areas of Community Development, Health and Hygienic Awareness, Social Work, Medical camps, AIDS Awareness and Environment Awareness. The Science Centre of the College has adopted two local villages to survey on Bio-diversity and motivates students for extension and outreach programmes, popularise scientific temper, and antisuperstition Programmes. The college conducted a workshop on Legal Literacy in collaboration with a leading NGO Sanhita, Kolkata.

CRITERION - IV : INFRASTRUCTURE AND LEARNING RESOURCES

The college has built up its infrastructure and developed learning resources over the past 57 years. The college has a master plan with projected expansion of its infrastructure for future development. The college maintains its infrastructure with the grants received from UGC and with the resources of its own. Construction of a separate building for library is coming up with the UGC grant along with a matching grant of State Govt.. The college campus spreads on an area of 3.709 acres. The college has prepared a master plan for the overall development of the college. The college ensures optimum utilisation of its infrastructure facilities by providing space for administrative office, classrooms, library, common room, multipurpose hall, canteen, parking shed, stationary store and hostel. The college in collaboration with Institute of Computer Engineers (India) facilitates computer courses to students on payment basis. However, the centre has 09 computers out of which 04 are not functioning and 01 computer with Internet facility.

The college has three separate buildings, one two storied and the other being three storied. Principal's Office, the Administrative Office, Class rooms, Library, multipurpose hall and teacher's room are housed in the main building. The Science Block accommodates the class rooms, departments, seminar hall, and computer centre and students union. A two storied building is exclusively accommodates Geography department. There is adequate provision for power and water supply in the campus. There are 21 class rooms. The classrooms are well maintained and ventilated. The college infrastructure is allowed to be used by GOs and NGOs, external agencies etc. on holidays and Sundays.

The college library remains open from 10.30 A.M. to 4.30 P.M. on all working days. It is managed by an advisory committee. The total number of Books in the college library is 23548. The college library possesses 20210 text books and 3338 reference books. The library subscribes 08 journals and 08 periodicals / newspapers. About 45 books have been added during 2005-06. It offers book bank facility with 1014 books for the benefit of the students. The college has 09 computers. There are one computer in the library, three in the office and one in the Principal's chamber, one computer each in the department of Economics, Physics,

Mathematics and Geography. Even though the Librarian post is vacant, the library is managed by the library assistant.

There is hostel facility available within the college. The hostel building is accommodating 65 girls. The college has indoors sports facilities, but the outdoor games facilities are not available due to lack of play ground. However, the college organises its annual sports meet on a small play ground of its own. Students of the college participate in the university sports events. The college facilitates health check-up programmes and personal counselling. The college gives incentive to outstanding sports persons in the form of prizes, and preference in attendance. The college has a canteen which caters to the need of students, teachers and non-teaching staff of the college.

CRITERION - V: STUDENTS SUPPORT AND PROGRESSION

The college publishes its prospectus regularly which gives details of academic programmes, eligibility criteria for admission in different programmes, general rules, other information regarding the college and the students support available in the college. The college has 1215 students on its rolls during the year 2006-07. All the students are from within the state of West Bengal. The college does not have overseas students or any special policy for admission of such students. The dropout rate of students admitted to the college is 4.5%. There are statutory reservation of seats for candidates belonging to SC, ST and other Backward Classes as per rules. Students appear for their University Examinations after fulfilling the conditions prescribed by the University. Courses are completed well before the University Examination. Financial Aids are available to the scheduled caste and scheduled tribe students through scholarships from the State & Central Governments. Freeship from college fund is available to the needy and meritorious students.

The college may take steps to form a placement cell in order to come to the expectations of the students. The college has formed an Alumni Association in the recent past which is to be registered. The alumni of the college are holding various important positions in public and private sectors. The alumni of the college are well disposed towards their alma-mater and they are prepared to help for its growth. The college may have greater future in interacting with the

alumni and motivate them to help the institution. Students of the college participate in sports and games conducted by the college. However, the college may take steps to identify talented sports persons for selected games and sports events and provide them coaching facilities to enable them to succeed.

Cultural events like dance, drama, music are organised by the college with the active participation of the students and teachers. The annual college magazine 'DISHARI' and wall papers published by the college provide a forum for the students to give expression to their literary and writing abilities. The exact record on the progression of students to employment and further study are not available in the college. Science Centre is functioning in the college to nurture and encourage the talents of the students according to their interests. The performance of the students in the university examinations is reasonably good, both quantitative and qualitative. A good number of students have topped the lists of successful candidates in University examinations.

CRITERION - VI : ORGANISATION AND MANAGEMENT

The college is managed by a Governing Body (G.B.) constituted according to the West Bengal Non-Government College Management Rules. It consists of twelve members including one nominee of the State Government and three nominees of the affiliating University. The principal is the member secretary of the G.B. as well as the academic and administrative head of the institution. Three teachers and two members of non-teaching staff are representing in the G.B. The General Secretary of the students' Union is also a member of the G.B. The G.B. constitutes committees as and when required to coordinate and monitor the activities of the college. The college has committees to look after academic affairs, admission, examinations, the college library, finance and admission. The academic committee prepares the Academic Calendar. The principal coordinates the functions of the committees and implements their decisions. The committees ensure that the administration of the College is participative and transparent. The college fills up vacancies by issuing advertisements in local newspapers and forming a selection committee according to Government / University rules. Teachers are recruited as per rules and norms laid down by the UGC, University and the State Government. Teachers submit Annual Confidential Report in the form of Self Appraisal for evaluating their

efficiency and performance to the Principal at the end of each academic session. However, there is scope to improve the quality of self appraisal report and they should be analysed and steps to be taken for improvement.

The fees charged by the college for all the programmes are as prescribed by the Government. The unit cost of education is Rs. 10,549 with salary and without salary is Rs.664. The college has a system of internal audit. The UGC has sanctioned an amount of Rs 3,04,880 under Xth plan college development to construct the library building. The performance of teachers is monitored through their self-appraisal and feed back from the students. Performance of non-teaching staff is also monitored by the Accountant / Head Assistant and the Principal. The college arranges professional training programmes and workshops to increase the working efficiency of the office staff. The college makes all major purchases by inviting quotations. The college raises additional financial resources from the fees received from the self-financing courses, donations from the public. Students' discipline in the campus is maintained. The college prepares its budget annually. The college has completed internal audit and external audit upto 2005-06. The grievance and redressal committee needs to be activated. The Co-operative Credit Society of the college provides loans to its members. Teachers and the staff may consider going for group medi-claim polices and Janata Accident Polices.

CRITERION - VII : HEALTHY PRACTICES

- The students maintain good discipline. Harmony between various components of the college is prevailing.
- Sixty economically backward students are given concessions with respect to tuition fee and University examination fee.
- The Alumni Association has instituted merit awards to the students of the college.
- The college has a mechanism for internal quality checks, unit test, home assignments, terminal examinations, preliminary examinations, for continuous evaluation and assessment of the students.

- It is imparting value based education and inculcates civic responsibilities among the students through celebrations, lectures, cultural programmes, etc.
- There is a mechanism to have college-home relationship through which teachers of the college have established personal contacts with the parents and alumni. The college organizes parents' gathering and collects feedback from them.
- The college has instituted endowment funds in order to facilitate academic encouragement to the students.
- The GB members, parents and alumni maintain good rapport with the college and have desire for its growth.

Section - III

Overall Analysis

The Peer Team, after going through the Self Study Report of the College and its visit, is happy to record that the institution has succeeded to a considerable extent in translating its mission and goals into academic practices. It has stood for providing higher education to the girls students of the region.

Dedicated faculty, sincere Principal and management, beautiful campus and adequate infrastructure facilities are the noteworthy features of the College. Teaching schedule is strictly adhered to and examinations are conducted as per University rules. Extra and co-curricular activities of the College are compatible with its goals and mission. The cordial relationship between different components of the College is apparent. Student discipline is impressive.

For the future growth of the College and maintenance of quality in higher education the Peer Team makes the following recommendations:

Recommendations

- The management may consider to offer a parallel certificate course on classical dance and music to provide an opportunity to the students to express their hidden talents.
- The college may introduce short term certificate courses on Spoken English, Interior designing, Beautician, Floristic, Knitting and Embroidery etc.
- The management should take initiative to develop a system to get feedback from academic peers and employers on teaching programmes and opening of new courses.

- The liberal use of graphs, models , audio - visual aids by all departments may be encouraged to make the teaching - learning process interesting and effective .
- The College may consider constituting a women cell to render counselling service to the girl students on empowerment of women.
- A computer lab with at least 50 computers with internet facility should be provided.
- Computerization of academic, administrative, financial and library activities should be done on priority basis.
- Internet and reprography facilities should be provided to the library.
- Teachers may be encouraged to become members of professional bodies in their fields and to attend seminars and conferences organized by such bodies to get exposed to the latest development in their subjects.
- The College may introduce Post Graduate Course in Geography.
- The College may take steps to invite resource persons from different disciplines of University departments and other Centers to give opportunities for interaction.
- The college may seek financial assistance from UGC, Ministry of Sports and Youth Service, Govt. of India to start a Multi Gym in the College.
- Audio-visual aids should be provided.
- The college should appoint a qualified Physical Education Instructor.
- The College should arrange more departmental and national Seminars.
- The library should be fully computerized and a qualified librarian be appointed. The collage may take steps to provide more space in the library. The library should be strengthened with more books, journals, magazines and reference books. Inter library linkage may be opted.
- The college should send the staff for periodical training in computer work, account maintenance and administrative work.
- Teachers should be asked to apply for Research Projects to agencies like UGC & ICSSR etc.
- The parents may be invited periodically to hold discussion with the principal and the teachers on academic matters of their wards.
- Placement Cell and Employment Guidance Cell be started.

- The college may establish internal quality Assurance Cell (IQAC) for periodically checking and identifying areas for further improvement.
- Teacher and Student Representatives may be involved in Planning and monitoring the Developmental Programmes of the college.
- All the teachers should be evaluated by the students yearly and they have to be encouraged to do research.
- The GB may introduce welfare programmes like consumer co-operative Store and medical treatment benefits etc.

The Peer Team places on record its appreciation for the co-operation extended by the members of the Governing Body, the Principal, the Faculty, Non- Teaching Staff, Parents, Alumni and Student Community during the visit. The Team wishes the best for the all round development of the Hooghly Women's College, West Bengal in its academic pursuits and endeavours.

Dr. B. Hanumaiah

Chairman

Prof. (Dr.) Prasanna Biswasroy

Member Co- Ordinator

Prof. K.M. Kuriakose

Member

I have gone through the report. I agree with it.

Dr. Sumita Bajpai

Principal

Hooghly Women's College

N.B. : We regret to inform that unfortunately the original report of NAAC Peer Team of First Cycle of Accreditation of 2007 has been misplaced. This is the draft version of the same report obtained from the NAAC website.



CRITERIA-WISE INPUT

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.
- The vision of our college is to enlighten, enrich and empower keeping in view the traditional goal of Women Education and Progression.
 - It is committed to pursuing excellence alongwith integrity, creativity, co-operation and enthusiasm.
 - The college tries to integrate learning and development in all its endeavours and activities through different stakeholders in the following manner:
 - Students: Prospectus, seminars, contact sessions with teachers.
 - Teachers, Non-teaching staff and Parents: Meetings and counsellings.
- 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 institution is bound to follow the curricula set by its mother university, The University of Burdwan, in all its UG Courses.
 - In accordance with the broad guidelines of the university, the institution organizes unit tests and terminal tests following the pattern set by the university.
 - Practical and demonstrative teaching is undertaken in laboratories and through excursions and educational tours.
 - The department of Political Science has a tradition for participating in and also involving other students in Intra-College Mock Parliaments.
 - In quite a number of seminars, PowerPoint presentations are arranged.
- 1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?
- The University keeps the Institution well-informed about changes in curricula through regular Notices and Circulars.
 - Prior to the introduction of a new syllabus, teachers of affiliated colleges of that particular department are invited to participate in workshops.
 - The teachers of the institution also keep themselves abreast about the modifications in question pattern introduced by the mother university.
 - In general there is little scope to introduce too many suggestions in the UG

syllabus because all affiliated colleges not of uniform standard.

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.

As already stated, it is not possible to make any change in the curriculum because there is wide variance of profile amongst the colleges under the university of Burdwan. But the college teachers, within the fixed curriculum of the university syllabus, try to explore every ways and means to deliver the best they possess. They do this mainly by the supportive pillar of Library and off course, by demonstrations.

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

Departments collaborate with the University by organizing visits, entering into agreements with research and other advanced learning centres and participate in seminars and workshops held by the University of Burdwan to implement and substantiate the syllabus.

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

- Principam, Dr. Sima Banerjee and head of the department of Sanskrit, Dr. Jana Bandyopadhyay, are selected members of Undergraduate Board of Studies.
- The University of Burdwan does not have any provision for the college to forward suggestions for designing the UG syllabus. Though as stated in 1.1.3., whenever workshops are held on syllabus, the college always sends the concerned faculty members with suggestions.

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.

There is no scope under the present system to function outside the purview of the affiliating university in matters concerning the UG syllabus.

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

- The institution has a very structured practice of meetings in place.
- Class Test level performances are deliberated over by the Heads and Senior

Faculty at the departmental level. Any serious anomalies are addressed in departmental meetings and contact levels are intensified at the class and tutorial levels to smoothen out difficulties.

- College Test level performances are discussed at staff meetings and results are prepared on the basis of student to student scrutiny. Cases requiring considerations are deliberated upon and attempts are to ascertain whether implementation of curricula was done adequately or whether strategies have to be revised, whether a particular student had reception problems or whether student-teacher contact level needed to be re-negotiated.
- Implementation strategies are debated over in the Governing Body level if such a need arises.

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 focuses on an overall development, progression and education with the objective of empowerment of women.

Courses Offered				
UG (Honours)		General Subjects (UG)		Compulsory Subjects (UG)
B.A.	B.Sc.	Arts	Science	Compulsory English
Bengali	Physics	Bengali	Physics	Compulsory Bengali
English	Chemistry	English	Chemistry	Environmental Studies
Sanskrit	Mathematics	Sanskrit	Mathematics	
History	Microbiology	History	Botany	
Geography	Zoology	Geography	Zoology	
Philosophy	Nutrition	Philosophy		
Political Science		Political Science		
Economics		Economics		
Education		Education		
Music		Music		

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

There is no such liberty entrusted in the hands of the Institution, as the mother university- The University of Burdwan wields all academic and administrative reins on its hands.

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. Issues may cover the following and beyond:

- Range of Core / Elective options offered by the University and those opted by the college : There is a wide range of Honours and Elective options offered by the university which are prudently opted by the college also. In the humanities section the Honours options at the UG level are Bengali, English, Sanskrit, History, Philosophy, Political Science, Education, Economics, Geography and Music. The same subjects can be taken as Elective options also. In the Science section, the Honours options are Physics, Chemistry, Mathematics, Zoology, Microbiology, Nutrition, Economics and Geography. Elective options are the same subjects with the exclusion of Microbiology and Nutrition.
 - Choice Based Credit System and range of subject options: As the college is under a university, the choice based credit system does not arise. It is the sole power of the mother university.
 - Courses offered in modular form: As there is no PG Course in the institution, Syllabi in modular form is not viable.
 - Credit transfer and accumulation facility: The University of Burdwan does not give any power to individual institutions for credit transfer and accumulation facility. But the marksheets and certificates issued by the university are valid at all national and international levels.
- Lateral and vertical mobility within and across programmes and courses: The University of Burdwan does not permit such mobility amongst the affiliated colleges. But seminars having manifold sub-disciplines remain open to the students of a wide variety of subjects. They take part in it and also participate in the interactive sessions. This is of course a very encouraging step to disseminate knowledge to multitudes of students.
 - Enrichment courses: Programme on Health Counselling and Awareness, Legal Rights of Women, Psychological Counselling, Status of Women, Integrated Course and Training for Silk Screen Printing Technology, Medical Camp etc. have been organized from time to time.

Equal Opportunity Cell also conducted a workshop on Personality Development and a seminar was held on “Women: Their Contribution towards Society”, “Kanya Tumi Bancho” – regarding increasing incidence of female infanticide and a slogan writing competition based on the theme “Save the Girl Child”. All these programmes aim at creating awareness and enriching young minds.

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.

No.

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.

This question does not arise as university affiliation is mandatory to introduce any additional programme other than specified by the university.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

No, the university does not provide for this.

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?

- Though the mother university does not allow any type of liberty on the part of the college to interfere with academic curriculum, the teaching methods adopted, reflects the earnest efforts and objectives to reach the goals of excellence as directed by the university.
- Student counseling prior to admission, smoothening the gap between teacher and student by coming down to their grass-root level and exploring the basic academic requirements, question and answer session in the class to make the students more easy in their dealings or approach towards the teachers.
- Introduction of online admission.
- Time-to-time seminars and library facilities also widen their horizons and quench their thirst to find and get something new.

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?

In today's world of continuous exploration of job prospect and trying to cater to the needs of dynamic employment market, the college also puts its best efforts to encourage, inspire and orient young minds to concentrate on the focus and fix of their targets. The institution nurtures these qualities in students with simultaneous curriculum based education.

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 Awareness Programmes and Women's Cell activities are encouraged and programs are organized time to time.
- There are extensive uses of computer, audio-visual aids, vinyl-boards etc.
- The Geography Department follows a syllabus that widely uses remote sensing and GPS technology among other cutting edge tools.
- Environmental Studies are part of the Part-III UG syllabus and the students have to submit an annual project work as a mandatory sensitizing effort.
- Extension programme on Unpaid Care Activities of Women in the Surrounding Area has also been undertaken.

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

§ Moral and ethical values: Psychological Counselling conducted by the Counselling Cell supports students with advice and also underlines the significance of values in life.

§ Employable and life skills: Health Awareness programmes and talks on health risk management are held.

§ Better career options: counseling cell is constantly in connection with different institutions which conduct counselling programmes in order to help students to choose perfect career options in their future lives.

§ community orientation: NSS and Women's Cell activities, organization of seminars, workshops and college social, college foundation day celebration programme .

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

- The college holds interactive parents-teacher-ward meets to discuss matters of

concern, difficulties and ways to dispense with them.

- The college has the feedback system for the students. Every year part-III students are asked to give their feedback according to UGC format regarding teaching-learning process of the college.
- Recently the college has started to take written feedback from the stakeholders like parents and alumni in order to improve the teaching-learning process.
- Principal and teachers check the feedbacks from students and other stakeholders thoroughly and makes necessary correction and improvement in the teaching-learning process.
- On the basis of feedbacks from students and other stakeholders, the teachers have started to take more interactive classes. They are using teaching aids like charts, maps, ICT equipments more extensively and conducting seminars and group discussions among students more frequently.

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

- Teachers of all departments are well-acquainted and concerned with each student and their problems if any.
- The Governing Body and IQAC are always encouraging to any informative and educative enrichment programme.
- The Grievance Redressal Cell tries to solve the problems brought to focus by the students, through the Grievance Box.
- There are other programmes organized by NSS, Women's Cell and community activities like "Saraswati Puja", "Briksho Ropan", Science Programmes, and different cultural competitions. These programmes develop fellow feelings and foster a general amicable environment.

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?

Though academic autonomy is not given to any affiliated college, the institution of course participate in any workshop arranged by the university about change in syllabus. As there are many teachers who are university paper setters, moderators and examiners, they are able to give valuable suggestion regarding this matter.

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?

- As it has been mentioned earlier, as there is no academic autonomy at the UG level, there is no scope for students' demand regarding suggestions or changes in curriculum.
- The feedback system revolving around the questionnaire given to the Part-III students are given due importance and the areas of grievance of the students are meticulously examined and marked. The principal discusses and talks with the concerned teachers and under the aegis of the principal, the students and teachers try to mitigate their differences or problems if any.

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?)

- Honours course in Education has been introduced from the academic session 2013-14 to cater to the rising demand of students as a very interesting and easy-to-grasp subject among the Humanities group of subjects.
- Honours course in Nutrition has been introduced from the academic session 2013-14 to give importance to an emerging interest in food, health and hygiene.

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?

The earnest endeavour of the college is to ensure admission to all deserving and meritorious students and to implement this, the college takes utmost care to publicize its admission process in the leading newspapers. In addition to this, the college announces its admission process in the college website. To ensure transparency in the admission process, the college has made it mandatory for applications to be filled online since 2012. This admission process is outsourced to WEBTECH, who prepares the list according to the criterion set by the different departments of the college. Admission is based only on merit.

N.B. It must be mentioned here that from March 2015, Government of West Bengal and the University of Burdwan will be conducting admission in an online centralized process.

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.

Criteria of Admission are as follows:

As of date, admissions at the UG level made reference to merit alone. Admission criterion was relaxed for reserved categories in deference to National policy. Each Department prepared its unique index and the list of admissible students was based on it. The index took into consideration the Board marks secured by the student and then applied the percentile method on the basis of the marks obtained in the last examination i.e. Class XII School Leaving Examinations for admission at the Undergraduate level and the B.A/B.Sc. Results for the Post-graduate level.

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.

Admission in undergraduate courses in 2015

Subject	Highest Merit Marks	Lowest Merit Marks	Highest Percentage of Merit Marks	Lowest Percentage of Merit Marks
English	535	414	89.16	69
Bengali	501	357	83.51	59.5
Sanskrit	500	353	83.33	58.83
History	526	304	87.65	50.65
Philosophy	507	368	84.5	61.33
Political Science	513	295	85.5	49.17
Economics	469	396	78.17	66
Mathematics	518	372	86.33	62
Physics	549	373	91.8	62.2
Microbiology	525	317	92	51
Geography	538	463	89.67	77.17
Nutrition	493	338	90	56
Music	417	252	83.04	50.4
Education	504	340	84	56.67
Zoology	504	377	87	70
Botany				

Comparison of Highest Merit Marks with Hooghly Mohsin College, affiliated with the university within the city/district

Subject	Hooghly Women's College	Hooghly Mohsin College
English	535	546
Bengali	501	530
Sanskrit	500	515
History	526	530
Philosophy	507	521
Political Science	513	561
Economics	469	528
Mathematics	518	575
Chemistry	509	578
Physics	549	573
Microbiology	525	N.A.
Geography	538	N.A.
Nutrition	493	N.A.
Music	417	N.A.
Education	504	N.A.
Zoology	504	545
Botany		554

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. Our college has an Admission Committee which reviews the admission process annually. The Principal and the Admission Committee sit with the Heads in several consecutive meetings leading to the actual time of admissions and with reference to the Criteria of the University and the Government of India & West Bengal the benchmark for various disciplines are determined. The Annual Reports submitted by different departments keep track of student enrolment and performance.

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: The reservation policy of the Govt. of West Bengal is followed with respect to admission of SC and ST category which is 22 percent and 6 percent, respectively.

* OBC: In 2014 the new policy of the Govt is to increase the number of seats of OBC to 17 percent over a period of 3 years keeping the total number of seats intact. In accordance with this the college proposes to increase one/two seats in each course as per the infrastructure is available.

* Women: The College is a women's college so this criterion does not apply separately.

* Differently abled: The reservation policy of the Govt. of West Bengal is followed with respect to admission of differently able candidates which is 3 percent

* Economically weaker sections: The College has the Student's Welfare Committee which disseminates information related to various scholarships of the Govt. of West Bengal such as Kanyasree and makes the students aware of such stipends.

* Minority community: The College regularly makes available various Govt. Funds/Stipends to the students of the Minority Community.

The College strictly follows the government's reservation policy for SC/ST and differently abled candidates and adheres to the government norms.

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.

Vide Annexure 2.1.6

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 college has always shown a favourable attitude to differently-abled students. The

institution strictly follows all Government rules and regulations regarding admission of the differently-abled students. They are given special guidance and counselling by the teachers of the respective departments.

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

Yes. The criterion for admission is merit alone. Furthermore, during admission there is a students' Help Desk to address the needs of the applicants and also to answer their queries. Moreover the students are counselled on the day of the admission to help them take admission to the suitable subjects and courses. After the admission process is over, before the commencement of all programmes, i.e. in the beginning of an academic year, a deliberation by the principal followed by the teachers of respective departments is organized for the newly admitted students. Orientation programme is also arranged where some eminent personalities interact with the students. Immediately after the commencement of the classes, basic knowledge and shortcomings of the students are judged by the teachers through one-to-one interaction. Teachers usually spend a few classes for recapitulation of the previous subject-matters to bridge the gap, if any.

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?

Bridging-Tutorial classes are structured within the master time table of departments. Faculty members sit with small group of students and orient them towards advanced learning. Individual coaching is in place in all departments even if these are not reflected as tutorials.

Remedial - The College has applied for introduction of UGC Sponsored Remedial Course for students of the Minority and Backward Students in the XII th plan period.

Add-on & Enrichment- The College has a Certificate course in Computer Application. This course has been designed to enable students to acquire IT and related skills so that they not only adapt to cutting edge syllabi in the science subjects, application skills in liberal arts but also acquire extended applied skills to prepare for the job markets.

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

Gender - The College caters exclusively to the educational needs of women. Moreover the institution has a U.G.C. funded Equal Opportunity Centre which was originally established as the Women's Cell. The centre organizes seminars and workshops to discuss and deliberate on gender issues throughout the year. The centre also conducts various vocational training programmes and psychological counselling programmes for students throughout the year.

Inclusive Representation - The institution is an inclusive one where there is no discrimination made on the basis of religion, caste, ethnicity, region, language, social status etc. Our hostel is an example of our endeavour to achieve the same. The College being a totally government institution follows the 22% SC, 6% ST, 17% OBC reservation.

Environment-friendliness - The institution is also fully aware of its responsibility to protect and preserve the environment and organizes the “Briksha-Ropan Utsav” or “Plantation Programmge” annually organized by NSS unit of the college to sensitize the students about the same. Moreover, there is a Medicinal Garden maintained by the Botany Department which is not only integral to the study of the UG syllabus but also an important instrument for sensitization. There is the Maintenance and Beautification Committee which is instrumental in the maintenance of the cleanliness and the aesthetics of the college. The Gardening Committee helps maintain the beautiful garden of the college. The College has submitted proposal to the State Government to start Rain Water Harvesting Project and a Solar Energy Conservation Centre under the guidance of the Botany and Physics Departments, respectively. To maintain the flora properly within the college premises, the college has also completed “Green-Audit” for the past few years.

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

The College has excellent laboratory facilities in the science subjects. There is also a well-stocked library which houses 29906 books, 19 volumes of journals and the library subscribes the NLIST programme from UGC INFLIBNET for e-journals and e-books (more than 97000 e-books and e-journals can be accessed through N-List). Each department has a supporting Seminar Library for average as well as advanced learners. Teachers are motivated to refer advanced texts and journals which are available in the Library. The Central Library has subscriptions of several e-journals and teachers also take classes through e-library. The Internet is always available for student access in the Library and in a few departments like Geography, Economics, Mathematics etc. Advanced learners are motivated to participate in seminar presentations, quiz competitions, debates etc. within the college and in other local colleges where they can excel themselves in the fields of their interest. Students of each department publish departmental wall-magazines bi-annually. Recently, teachers have motivated students of humanities subjects, science subjects and language group to start publishing three printed magazines annually for their respective subject-groups.

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 academic performance of the students is best revealed by the examination results. Unit Tests and College Level Terminal Tests form the structure of integrated Continuous Assessment System and records are kept in departmental and central database. These data enable the teachers of the institution to advise and guide the students and also counsel those who are weak and fail to cope with the academic standard of the college. Results are prepared centrally but with close dialogue conducted with departments so that the weaknesses of individual students are tackled in a need-based manner. Special classes are taken by the faculty members of the institution to help the under-performers.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

* The College publishes the Academic Calendar/Diary every year and it is circulated among the teaching staff and the students.

* The modules of the syllabus are prepared in a departmental meeting at the beginning of each academic session and the teaching plan is uploaded in the college website so that the students can go through it.

*The students are evaluated both by written examination and orally. The process of evaluation is as follows:

Unit Test - There are year-long unit tests to ensure continuous assessment.

Selection Test - Terminal Tests at the end of each year of study to assure the eligibility for University Examination

Departmental Seminars- The students are also evaluated by departmental seminars.

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

*The members of IQAC regularly hold meetings with the academic committees of the college, such as, admission committee, computer-monitoring committee, examination committee, planning board etc. through which monitoring of all seminal academic activities are monitored.

*There is a UGC-Research Committee in the college, which monitors all research activities including research projects undertaken by the individual teachers of the respective departments. The members of IQAC regularly hold meetings with the Research Committee in order to collect all informations regarding research activities within the college.

* The IQAC sensitizes departments for skill formation of the faculty members in their respective subjects by organizing several workshops on skill formation.

*The State Government guided by UGC norms has recognized the role of the IQAC by including its participation as an internal sanctioning authority of Career Advancement

Scheme (CAS).

* In order to make students aware of the nature within the campus and make them environment friendly, IQAC has recently conducted a nature-awareness workshop for the students.

* IQAC has encouraged the Botany department of the college to maintain the medicinal garden within the college premises. Such a garden makes students aware of the medicinal value of the plants available in the college and inculcates environmental awareness in their minds. It also conducts an annual plantation programme in this garden, collecting new medicinal plants from within and outside the college.

* IQAC takes regular feedback from students, guardians and alumni regarding the teaching-learning environment of 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?

- The teachers have independent approach in the class room teaching process. The tools and aids like computers, laptops, LCD projectors etc. are made available to the teachers.
- Institution has internet facilities in all the departments and in the Library. Some departments like Geography, Mathematics and Economics have separate computers with internet connection for students. They can surf internet in these computers and collect study materials and all necessary information accordingly.
- Teachers, nowadays, prefer interactive method to lecture method. After giving the basic views of a certain chapter through lecture method, teachers give the students several tasks like group discussion, project, and seminar presentations on those chapters so that the students can no longer be only passive listeners.

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 students are encouraged to participate in inter college debate/quiz competition/seminars/discourses so that their communicative skills, knowledge and critical thinking are enriched. The institute takes care to inspire a debate and dialogue method without abandoning the planned syllabus. It inspires students to ask questions and clarify within the classrooms and laboratories or during educational excursions. The college hopes that in keeping with the goal of woman empowerment this free spirit with the right degree of farsightedness will be the inheritance of every student outside the gateways of the college.

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 institute has been open to e-learning for the students through ICT method for the past few years. The college library has provided all the teachers with usernames and passwords to access important e-journals and e-books. Many departments have computers with internet facilities. Students can access the e-books and e-journals using the usernames and passwords of their teachers in the respective departments.

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

All the Departments of the College organize seminars and workshops to enrich the students academically. Before organizing seminars and workshops departments discuss the topics in advance, prepare charts and conduct background research. There is a blending of knowledge from the teachers of other departments.

Blended Learning: Inter-disciplinary dissemination of learning is quite common in the college. For example the Department of Nutrition involves the Department of Zoology, departments of Economics and Mathematics are connected with each other for several topics. Faculties of departments of Bengali, English and Sanskrit also take different interdisciplinary classes among themselves. An inter-disciplinary workshop was organized by the departments of English, Bengali and Sanskrit in 2014. Students of Political Science, Economics, Education and Geography are planning to start publishing an inter-disciplinary magazine annually from the year 2015.

Seminars: Seminars and workshops are standard enrichment programmes and are annual fixtures. All the departments regularly bring resource persons from various research institutes and leading universities and organize departmental seminars. Student participation in all of these is mandatory and care is taken to arrange the itinerary in such a manner that students benefit the most from the discussions. They not only acquire intense knowledge of the syllabus but also widen horizons of knowledge at once relative and expansive.

Workshops: Faculty members of the Department of Economics organized a UGC Sponsored State-Level Workshop in collaboration with IQAC in 2015, which was interdisciplinary in nature (all humanities subjects could take part in the workshop). Departments of English, Bengali and Sanskrit also jointly organized a UGC Sponsored State-Level Workshop in collaboration with IQAC in the same year.

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

Since academic counselling and mentoring are part of a long established structure and very need based and conducted in a humane way statistics are not maintained. This would be

mechanical in the perception of the College. The College has a counselling cell which works under the guidance of UGC –Sponsored Equal Opportunity Centre. The caree guidance cell and the counselling cell conduct career counselling and psychological counseling, respectively. The counselling cell organizes psychological counselling session for students each year with professional counselors. Career guidance cell organises different programmes of career counselling for the students of each department. These two cells have the following visions:

- a) Raise greater awareness about stress and its related problems.
- b) To discipline students.
- c) To correct and reform students who are found to have defiant behavior, without punishing but reforming them towards holistic awareness.
- d) To make students competent to choose right career in the future.

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 faulty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- Almost all the departments conduct Unit Test in regular intervals.
- Terminal tests are also conducted at the end of each year of study to assure the eligibility of University Examination.
- Through the feedback process quality of teaching-learning is continuous monitored.
- The teaching-learning process is further enriched as the students have started getting the facilities of internet.
- Many departments are provided with computers, laptops etc. There are a few LCD projectors in the college. Different departments use these projectors for taking their classes with the use of Power Point Presentation.
- Departments are provided with ICT tools such as photocopiers, printers etc.
- Regular educational excursions are held in some departments especially in the departments of Geography, Zoology, and Microbiology etc.

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

- The teaching learning process may be augmented by facilitating the use of reference books and accessing internet facilities. The library uses various ICT tools, photocopiers, scanners, printers etc to help students.
- The library has joined the ENLIST programme since 2013. E- journals and e-books can be availed by this. The College library has Institutional membership with ???The library has a sound system of acquisition, circulation, cataloguing, book reserves, bibliography services, etc through the use of LIBSYS software.
- By using our e-library facility, students can expose themselves to various national and international journals, articles and forums to dig more into their queries and enrich their

knowledge.

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.

As far as the internal organization is concerned the institution finishes its teaching well ahead but often due to unavoidable circumstances such as election processes teaching days are curtailed and the affiliating university changes its schedule, then the institution faces the challenge of disseminating its tradition of close and thorough teaching in the imposed abbreviated time frame. But as it faces this situation quite frequently extra classes are arranged without stressing the students so that a balance can be struck between academic needs and relaxations.

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

- Through the student's feedback information process.
- Unit Test/College Test/ University Examination results of the students.

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

Highest qualification	Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	
Permanent teachers					
D.Sc./D. Litt.	NIL	NIL	NIL	NIL	NIL
Ph. D.	01	04	06	07	18
M.Phil.	01	02	01	01	05
PG	0	02	07	02	11
Part-time teachers and Guest Lecturers					
	Male		Female		Total
D.Sc./D. Litt.	NIL		NIL		NIL
Ph. D.	0		01		01
M.Phil.	0		0		0
PG	7		17		24

NB. 1. Recruitment and retention of permanent teachers do not come under the purview of the Institution as it does not enjoy full autonomy but comes under the Higher Education Department, Government of West Bengal.

2. The College does not have any prerogative to allow 'temporary' status to teachers. Besides permanent substantive teachers, the college recruits part-timer teachers (PTT) and guest lecturers.

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 is a Government-Sponsored Institution and thus cannot recruit teachers. The lacuna is overcome by recruiting Part-time Teachers and Guest Lecturers.
- Departments conduct periodical workshops/seminars to upgrade the process of teaching - learning.

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

Academic Staff Development Programmes	Number of faculty nominated (2012-15)
Refresher courses	17
HRD programmes	NIL
Orientation programmes	06
Staff training conducted by the university	NIL
Staff training conducted by other institutions	NIL
Summer / winter schools, workshops, etc.	32
Short-term Course on Research Methodology	3

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 Orientation and Refresher Courses which are part of a standard procedure for screening are measures to enhance innovative teaching skills of a teacher. These courses are developed and conducted by Academic Staff Colleges of various universities and teachers avail Duty Leave to attend them.

✓ Handling new curriculum: University organizes workshops for newly introduced curriculum for the teachers of the colleges. Teachers avail Duty Leave to attend such workshops.

✓ Content/knowledge management: Workshops are organized by IQAC for the qualitative

improvement of faculty. A number of teachers have availed the UGC-Sponsored FDP programme to pursue their research works for Ph.D. degree.

✓ Selection, development and use of enrichment materials: The teaching –learning process is further enriched:

- as the students get the facilities of internet.

- with the use of LCD projectors in the classrooms.

- with ICT tools such as photocopiers, scanners, printers etc.

- with Remote Sensing and Geographic Information of the thematic preparation and interpretation of thematic maps, analysis of Satellite Imageries and Related Ground Truth Verification in the Geography department.

- With the use of SPSS 16 and STATA 12 software for data handling in Economics department.

- by regular educational excursions being held in Geography, Zoology and Microbiology departments.

✓ Assessment: The impact of faculty enrichment is directly felt in improved teaching and is under the purview of the Heads of department.

✓ Cross cutting issues: Prof. Sulekha Roy of the department of History, participated in UGC Sponsored SAM Workshop on 'CAPACITY BUILDING FOR WOMEN MANAGERS IN HIGHER EDUCATION' during 16th-20th July, 2012, organized by Raja N.L.Khan Women's College, Paschim Medinipur, West Bengal.

✓ Audio Visual Aids/multimedia: Many faculty members underwent computer application programmes at different courses and workshops and they have developed a level of on-job skill that has direct impact on class presentation through audiovisual medium.

✓ OER's: N.A.

✓ Teaching learning material development, selection and use: Faculty members have not been formally exposed to any training programme for content development

c) Percentage of faculty

- * Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies: NIL

- * Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies: 86.1 %

- * Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies: 72.2%

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.)

- Providing Research Grants: Teachers have opportunities to apply for Minor Research Projects and Major Research Projects to UGC/CSIR/ICSSR/other Bodies.
- FIP &FDP Leaves: The teachers are allowed to apply for FIP leave or FDP leave to pursue their M. Phil/Ph. D. research work. For instance, four teachers have already completed their Ph. D. work with FDP Leave: Sangita Sanyal (Bengali Deptt.), Shyamalina Goswami (Geography Deptt.), Barnali Chattopadhyay (History Deptt.) and Samadyuti Halder (Mathematics Deptt.)
- Participation in Seminar/Workshops; Teachers have opportunity to present papers in National and International Seminars and participate in workshops. They are also allowed to participate in Research Methodology Courses.
- Publication in Research Journals: Many teachers have published their research articles in National and International Research Journals with ISSN No. and impact factor.
- Specialised Programme: The Principal always gives ready permission to any faculty member to join any special programme if he/she is invited as resource person in such a programme. For instance, two teachers from the Sanskrit department and Philosophy department, respectively, have been invited as resource persons in UGC Sponsored Career Counselling Programme in a Government College. One teacher of the Sanskrit department was invited in Remedial Coaching classes as a resource person in a Government College. A teacher from the Philosophy Department was invited as a Guest Lecturer in the Kalyani University.

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.

NIL

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?

Yes, the students' feed-back information is scrutinized by the teachers/Principal annually and appropriate correctional steps are taken by the individual teachers.

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?

Awareness of the evaluation process to students and faculty are made through academic calendar, institutional notifications, faculty meetings, teacher-students interactions and by departmental parent-teacher meetings.

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 institution runs under-graduate level programme under the University of Burdwan in science and Arts stream.
- The university has introduced 1+1+1 system of examination for three years degree course from 2010 onwards.
- The evaluation process constitutes theory and practical examinations at the end of each academic year conducted by the university in a centralized way.
- Syllabus of most of the disciplines has been reformulated:

Subject	Academic Session when the syllabus has been reformulated
English	2015-16
Bengali	2014-15
Political Science	2014-15
Sanskrit	2014-15
Economics	2015-16
History	2015-16
Geography	2010-11
Education	2007-08
Music	2009-10
Physics	2014-15
Chemistry	2014-15
Zoology	2014-15
Mathematics	2015-16
Microbiology	2010-11
Nutrition	2012-13
Botany	

- In Arts subjects, 100 marks paper is divided in four 12 marks essay type questions, six 6 marks short essay type questions and eight 2 marks objective type questions.

- For Science subjects, the question pattern is same for 100 marks theory paper but for 50 marks theory paper, it is divided into two 12 marks questions, three 6 marks questions and four 2 marks questions.
- The evaluation of practical examination is conducted through laboratory experiments, project work, field reports, computer based work etc. and viva voce.

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?

The implementation is through academic curriculum and notifications of college prospectus, notification of individual departments and also by institutional rules and regulations.

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.

For formative evaluation, internal assessment system through class tests, monthly tests, tutorials and selection tests are taken by the college. Counselling of students is done to rectify their shortcomings. Remedial classes are also arranged by the college for academically weak students. This helps them to overcome the drawbacks and makes them prepared to do better in the university examination.

By this method, some outstanding results have been obtained by some students, e.g. Soumi Chatterjee of Geography (Hons.) has passed out as First Class First in Part-III University Examination in the year 2012-13 and is now doing Ph.D. in JNU. In Part-I University Examination, she got Second Class marks. But by rigorous counselling, she made this outstanding result.

There are also some other examples like Sohini Debnath of Geography (Hons.), Riya Chatterjee of Microbiology (Hons.), who have improved a lot through counselling.

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.

- During the last four years, in the departments of Physics and Chemistry, the University has introduced internal marks in practical papers. This helped in internal assessment of students on the basis of performances in classes as well as marks secured in class tests. But in other disciplines, there is no such programme system introduced by the University. However, the other departments internally conduct unit tests, seminar presentation or group discussions by the students and give the students marks on the basis of their performances in such programmes.
- The invigilation process of the college is strict and thorough.

- The scripts are assessed by several teachers which rules out the possibility of under or over marking.
- For encouraging independent learning and to increase the communication skill, students are encouraged to participate in seminars, debates, paper presentations and poster presentations conducted by our institution or by other institutions.

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 attribute consists of:

- Consistent and excellent academic performance
- An openness towards career orientation
- A holistic approach to education

The stated mission and vision of the College addresses these attributes and the college ensures it through its sustained excellence in academic programmes; its career oriented courses and its career guidance cell. Its regular value education programmes ensures the holistic development of the student.

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

- The University has made the provision of review and scrutiny of the marks obtained by the students after the publication of result through the institutional heads. Students can avail this procedure and get review and scrutiny done as and when they consider it necessary.
- There is a Grievance Cell where the students come if they have any grievance. This is settled by a committee constituting the Principal and senior teacher members.

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, there is a career counselling cell which is continuously in connection with different organisations which guide the students to opt different career options. In this way students are made aware of performance and learning outcomes.

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.

Formally the students have to sit for Test Examination. Every department regularly

arranges unit tests to monitor the academic progress of students. Every department also arranges departmental meetings with the students for counselling and completion of syllabus. Besides these, after test examination, every department arranges a 'Guardian Call' for non-qualified students in test examinations. Not only that, every department arranges tutorial classes during the study leave for betterment of students who achieve poor marks in test examinations. The college does not have the authority to break the barriers of learning as the curriculum is managed by the affiliating university.

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

Through organizing departmental seminars and workshops the students are constantly appraised of the latest opportunities of Higher Education, research and professional opportunities in each individual subject.

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?

There is a provision of diploma course in computer application in the college. This enables students to select future professional courses which involve computer application.

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?

- Through Alumni Association and Personal/Departmental communication the student learning outcomes are collected and future planning is conducted.
- A regular contact with ex-students through internet and facebook is maintained and they are encouraged to come and talk to the present students through departmental meetings so that academic exchange between past and present students is maintained.

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

By monitoring the students' unit test examination, terminal test examination and university examination results, the institution ensures the achievements of learning outcomes.

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

From the earliest days of its inception teachers of the College make attempts to be aware of students in an individual basis. Naturally their learning outcomes are monitored and known so as to create a pool of knowledge of academic performance. Each department has account of its students who have benefited from this system to progress onwards in higher education and

career building.

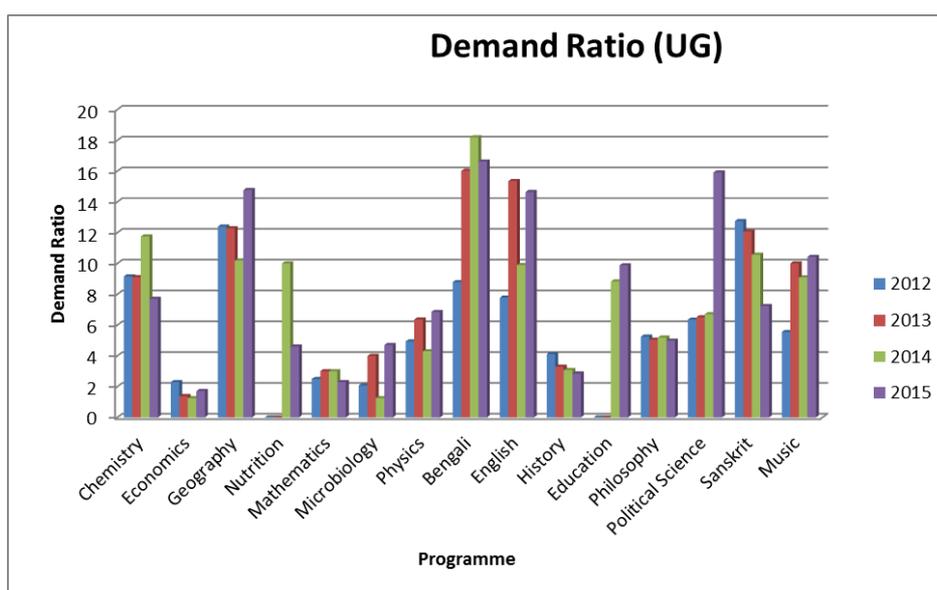
- Soumi Chatterjee of Geography (Hons.) has passed out as First Class First in Part-III University Examination in the year 2012-13 and is now doing Ph.D. in JNU. In Part-I University Examination, she got Second Class marks. But by rigorous counselling, she made this outstanding result.
- Sohini Debnath of Geography (Hons.), Riya Chatterjee of Microbiology (Hons.), have also improved a lot through counselling.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include. None.

Annexure 2.1.6

Programmes	Session	Number of applications	Number of students admitted	Demand Ratio
UG				
1. Chemistry	2011-12	165	18	9.16:1
	2012-13	155	17	9.11:1
	2013-14	141	12	11.75:1
	2014-15	162	21	7.71:1
2. Economics	2011-12	16	07	2.29:1
	2012-13	11	08	1.38:1
	2013-14	10	08	1.25:1
	2014-15	12	07	1.71:1
3. Geography	2011-12	706	57	12.39:1
	2012-13	737	60	12.28:1
	2013-14	481	45	10.19:1
	2014-15	975	66	14.77:1
4. Nutrition	2011-12	NA	NA	NA
	2012-13	NA	NA	NA
	2013-14	160	16	10:1
	2014-15	115	25	4.6:1
5. Mathematics	2011-12	65	26	2.5:1
	2012-13	92	30	3:1
	2013-14	114	38	3:1
	2014-15	83	36	2.3:1
6. Microbiology	2011-12	54	26	2.08:1
	2012-13	100	25	4:1
	2013-14	20	16	1.25:1
	2014-15	113	24	4.7:1
7. Physics	2011-12	84	17	4.94:1
	2012-13	70	11	6.36:1
	2013-14	30	07	4.29:1
	2014-15	96	14	6.85:1
8. Zoology	2011-12			
	2012-13			
	2013-14			
	2014-15			
Programmes	Session	Number of applications	Number of students admitted	Demand Ratio

UG 9. Bengali	2011-12	360	41	8.79:1
	2012-13	625	39	16.02:1
	2013-14	910	50	18.2:1
	2014-15	881	53	16.62:1
10. English	2011-12	451	58	7.78:1
	2012-13	522	34	15.35:1
	2013-14	535	54	9.90:1
	2014-15	732	50	14.64:1
11. History	2011-12	140	34	4.11:1
	2012-13	151	46	3.29:1
	2013-14	138	45	3.07:1
	2014-15	100	35	2.85:1
12. Education	2011-12	NA	NA	NA
	2012-13	NA	NA	NA
	2013-14	265	30	8.83:1
	2014-15	306	31	9.88:1
13. Philosophy	2011-12	284	54	5.25:1
	2012-13	282	56	5.03:1
	2013-14	270	52	5.19:1
	2014-15	289	58	4.99:1
14. Political Science	2011-12	89	14	6.35:1
	2012-13	130	20	6.5:1
	2013-14	141	21	6.71:1
	2014-15	191	12	15.91:1



CRITERION III : RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

3.1.1 Does the institution have recognised research centre of the affiliating University or any other agency/ organisation?

No. At present the institution mainly focuses on undergraduate studies and does not have the affiliated research centre in the campus. The faculty members are mainly engaged in the teaching in the campus but most of them are also active in research in different ways. (to be explained later) But they are not registered in any university to take research scholars under them.

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.

There are two committees in the institution comprising of the faculty members who look after the research oriented activities of the teachers-

1. UGC committee
2. Research committee

The structure of the two committees are outlined below

Name of the committee	Convenor	Members (Department)
UGC committee	Dr. Syamolina Goswami (Geography) Dr. Shyamapada Santra (Geography)	Prof.Kabita Dey (English) Prof.Shuvendu Bikash Adhikari (English) Dr.Anindita Sengupta (Economics) Dr.Nandita Basu (Philosophy) Prof.Samyaduti Halder (Mathematics) Dr.Punarbasu Bose (Physics)
Research committee	Dr. Nandita Basu	Dr. Sangita Sanyal (Bengali) Dr.Sadhan Pramanick (Chemistry) Dr. Jana Bandopadhyay (Sanskrit) Dr. Barnali Chattopadhyay (History)

The research committee monitors the research activities of the individual faculty members of the institution through meetings at regular interval. The committee also takes the responsibilities to solve the research related issues of the faculties. The committee keeps the faculties updated about the research funding agencies and research opportunities.

UGC committee looks after the issues related to UGC like UGC sponsored research programmes, project proposals etc. The committee helps the faculty members in the procedure of submission of UGC sponsored research projects.

Apart from the two above mentioned bodies, there is IQAC in the institution, coordinated by Dr. Anindita Sengupta. (Economics). This committee also takes part in research oriented activities and quality-enhancing activities for the teachers, non-teaching staff and the students.

In January, 2015, an UGC sponsored state level workshop on interdisciplinary field was held in the college campus entitled “Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Software”. In February 2015, another UGC sponsored state level workshop on interdisciplinary field was held in the college campus entitled “Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation”. IQAC took the responsibility to organize both the workshops successfully by making well-organized blueprints of both the programmes through several meetings with the teachers, expert consultation from inside and outside the campus.

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

- **Autonomy to the principal investigator:** Principal investigator has all the rights to take decision about the ongoing project. He/ She is the person to plan and implement the project and also takes the final decision about the submission of the project proposal.
- **Time availability or release of resources:** Each teacher finishes the project within the stipulated time mentioned by UGC. Financial grant from UGC is released by the college for the teacher as quickly as possible so that the the teacher faces no problem in conducting the research.
- **Adequate infrastructure and human resources:** At present the college does not have any affiliated research centre. But most of the faculty members are engaged in active research either in collaboration or as a part of their doctoral thesis. There is no research fellow, research assistant or project fellow working in the college campus at present.
- **Time off, reduced teaching load, special leave etc.to teachers:** The college authority is always helpful in this regard. If a teacher is in a need of reduced teaching load due to research, the department adjusts the class distribution with permission from the Principal. Research committee also helps in this regard reviewing the urgency of the teacher. Sanctioning leave to the teacher for research purpose is also in place.
- **Support in terms of technology and information needs:** See item no. 4.2.1- Library, 4.3.1- IT-infrastructure
- **Facilitate timely auditing and submission of utilization certificate to the funding authorities:** After the completion of each research project, the total research expenditure is audited by a Government approved auditor and Utilization Certificate is submitted to the granting authority as quickly as possible.
- **Any other-helping in forging relationship with other institutes, organizing workshop\ seminar time to time:**
 - i) Departmental seminars are organized
 - ii) Seminars\ workshop on interdisciplinary fields are organized
 - iii) Seminar\ workshop are organised jointly with other institution

iv) Faculty members engaged in research always takes opinions from experts from other institutes

v) Instrumental facilities and Library help (especially for journals) are also taken from other institutes

Department-wise seminar/ workshop list between 2011-2015:

Department	2011-2012		2012-2013		2013-2014		2014-2015		2015-	
	S	WS	S	WS	S	WS	S	WS	S	WS
Bengali						1		1	2	
English									2	
History									1	
Geography		1		1		1		1		1
Philosophy	1				1		1		1	
Economics	1	1						1	1	
Political Science									1	
Sanskrit			1						1	
Music									1	
Physics									1	
Mathematics									1	
Chemistry	1								1	
Zoology					1					
Botany									1	
Microbiology									1	
Nutrition									1	
Interdisciplinary								2		

S: Seminar, WS: Workshop

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

- The departments organize seminars where experts from other institutes are invited to give lectures. The students are highly encouraged to attend the seminars.
- Seminars on interdisciplinary topics are also organised to give a glimpse of the modern and updated research areas covering two or more subjects to the students.
- Students are being always counselled and kept updated by the teachers about the research culture and possibilities.

- The institution organizes inter-college quiz contests, debate competition related to different disciplines where the students of the institutes participate along with the the students from other institutes.
- Students from different departments are taken to industrial visit, excursion related to their respective disciplines.

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.)

Department: **Bengali**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sangita Sanyal	Role of snake motif in creativity of Tarashankar	UGC sponsored project	2012-2014
Dr. Biswajit Karmakar	Manasamangal abong Chandimangal kavye udvider lokachar	UGC sponsored project	

Department: **English**

Name of the faculty	Research topic	Nature of the research	Duration
Prof. Subhendu Bikash Adhikari	Ambivalence in Kamla Das's poetry: A corollary of colonial pool and post-colonial resistance	UGC sponsored project	2011-2013

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Department: **Philosophy**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Nandita Basu	Global peace - a quest through the spiritual heritage of india	UGC sponsored minor research project	13.04.2014-continuing

Department: **Economics**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sima Banerjee	Impact of MGNREGA in selected villages of Hooghly district, West Bengal	UGC sponsored project	April, 2014-continuing
Dr. Anindita Sengupta	1) Regional empirical input output model structure analysis of West Bengal economy 2) Technical Adaptation and survival of jute textile industry - a comparative study of India and Bangladesh	UGC sponsored minor research project (Principal Investigator) UGC sponsored major research project (one of the two investigators)	2013-15 2013- 2015

Department: **History**

Name of the faculty	Research topic	Nature of the research	Duration
Prof.Chandan Baisya	Maharani Jindan Kaur and the sovereignty of Punjab (1838 - 1849 AD)	Ph. D thesis	2010-continuing

Department: **Zoology**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Uttaran Majumdar	Insect deformity due to pollution: Assessment of water pollution using midges (Diptera: Chironomidae) river Damodar	UGC sponsored project	2010-2012

Department: **Chemistry**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sadhan Pramanick	Synthesis of some fluorescent probe ion sensing quantum dot nanoparticles and study of biological	UGC sponsored minor research project	18.03.2014-continuing

	activities		
Prof. Satyajit Biswas	Synthesis of natural surfactants and application	Ph. D thesis	2015-continuing

Department: **Physics**

Name of the faculty	Research topic	Nature of the research	Duration
Prof. Chirantan Hazra	Plasma and solar physics	Ph.D thesis	2014-continuing
Prof. Forkan E Aman	Polymer Electrolyte	Ph.D thesis	2015-continuing

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.

The statistics of seminars and workshops arranged by different departments in the institution during the time span 2011-2015 has been listed under the section 3.1.3. The details of the programmes are given below:

Department: **Bengali**

Speaker	Topic	Date of visit	Funding agency
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Prof. Arindam Goswami, Asso. Prof. of Chandannagore Govt. College	Bangla Sahitye Tin Bandyopadhyay	05.08.2013	College
Dr. Anjana Brhama, Noted singer and Assistant. Prof. of K.K.Das College	Nari Swadhinota o Rabindranath	10.12.2014	College
Aparna Roy, Professor, Viswa Bharati, West Bengal and Uday Chand Das, Professor, Burdwan University	Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation	13.02.2015 and 14.02.1015	IQAC
Arun Kanti Roy, Associate Professor and H.O.D., Hooghly Mohsin College	Itihas o Bankim Chandra	15.12.2015	College

Department: **History**

SI No.	Topic	Year	Participants
1	Some aspects on Sufism and Bhaktibaad	2015	The teachers and students of the department

Department: **English**

Seminar/Workshop Topic	Date	Funding Agency
Metaphysical Poetry (Seminar)	07.10.2015	College Fund
Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation (Workshop)	13.02.2015 and 14.02.2015	IQAC

Department: **Philosophy**

Seminar/Workshop Topic	Date	Funding Agency	Speaker
Philosophy of Shri Aurobindo	12.09.2011	College	Dr. Sunil Kumar Roy, Professor, Department of Philosophy, Burdwan University
Practical Vedanta	16.09.2013	College	Dr. Mridula Bhattacharyya, Associate Professor, Department of Philosophy, Burdwan University
Boolean Interpretation	22.02.2015	College	Dr. Toffazol Hossain, Associate Professor, Department of Philosophy, Burdwan University
Psychology	07.10.2015	College	Dr. Soumitra Basu, Associate Professor, Department of Philosophy, Jadavpur University.

Department: **Sanskrit**

Sl No.	Topic	Year	Participants
1	Science and Sanskrit with special reference to Kalidas's literature	2015	The teachers and students of the department
2	Recent trend of Sanskrit studies and research in India and abroad	2013	Do

Department: **Economics**

Seminar/Workshop Topic	Date	Funding Agency
West Bengal Economy: Future Prospects (Seminar)	23.09.2011	College Fund
Workshop on 'Recent Trends in the Enrolment For Under - Graduate Studies in Economics'	27.04.2012	UGC
Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Softwares (Workshop)	13.01.2015 and 14.01.2015	IQAC
Economic Growth, Degradation of Natural Resources and Environment: Role of Perverse Subsidy (Seminar)	30.11.2015	College Fund

Department: **Geography**

Sl No.	Topic	Year	Participants
1	Workshop on future of RS and GIS	2015	The teachers and students of the department
2	Documentary on cultural realm and	2014	Do

3	hearth	2013	Do
4	Science fiction movies related to the syllabus	2012	Do
5	Documentary on Sundarban	2011	Do
	Uses and applicability of GPS		

Department: **Music**

SI No.	Topic	Year	Participants
1	Effects of Bhangagaan on Tagore-songs (Rabindrasangeet)	2015	The teachers and students of the department

Department: **Zoology**

SI No.	Topic	Year	Participants
1	Impact of pollution: Assessment and awareness	2014	The teachers and students of science

Department: **Chemistry**

SI No.	Topic	Year	Participants
1	Two-day seminar organised jointly with the Department of Chemistry, Bagati SreeGopal Banerjee college, Hooghly Sponsored by UGC	18.11.2011- 19.11.2011	The teachers and students of the department of chemistry of both the colleges

2	“Fluorimetric Technique: A persuasive Analytical Tool” Speaker: Professor Dr. Pabitra Chattopadhyay (Professor, Department of Chemistry, University of Burdwan)	11.12.2015	DO
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Department of Physics

Seminars/Conferences/ Workshops organized	Date	Source of funding	Name of the Speaker
Raman and his effect	19/12/2015	College Fund	Dr. Abhijit Chakraborty, Assistant Professor, Department of Physics, The University of Burdwan.

Department of Education

Topic	Date	List of Speakers	Funding Agency
Metal Health & Mental Hygiene	8 th December, 2015	Dr. Abhijit Kumar Pal	College

Department of Botany and Microbiology:

Seminar in collaboration with Department of Nutrition, on “Nutritional and Medicinal Aspects of Mushroom, Speaker: Dr. Malay Ghosh, on 21.12.2015.

Department of Political Science

Topic	Date	List of Speakers	Funding Agency
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i)Fascism ii)Bell & Fukuyama Debate iii)Indian Foreign Policy (Special Lecture)	18 th December,2015	Dr.Madhuparna Gupta Assistant Professor of Department of Political Science in Chandernagore College	College
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Department: **Interdisciplinary** (Organised by IQAC)

Workshop Topic	Date	Funding Agency
Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Softwares	13.01.2015 and 14.01.2015	IQAC
Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation	13.02.2015 and 14.02.1015	IQAC

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

Department	Prioritised research area
Bengali	Comparative literature Fiction Rabindrasahitya Katha sahitya
English	Indian English literature, modern poetry Modern Bengali poetry Literary criticism
History	Ancient Indian history Europe and modern Europe, working women in rural

	Bengal Medieval India
Philosophy	Advanced logic, Baul philosophy Vedanta
Economics	Industrial development Labour economics, Gender Studies
Political Science	Public administration
Sanskrit	Kavya
Geography	
Botany	Ecology, environmental pollution Taxonomy of angiosperm
Zoology	Entomology, Parasitology Ecology
Microbiology	
Nutrition	Physiology Obesity, metabolic syndrome
Chemistry	Nuclear and analytical chemistry Organic synthesis, bio surfactants Coordination chemistry Asymmetric organic synthesis, catalysis
Physics	Solid state Material science Nuclear physics
Mathematics	Fluid mechanics, mathematical biology

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

Various departments organize seminars and workshops on different topics sponsored by UGC and others. Speakers and specialised persons are invited for the lectures in the seminars. Students are always encouraged to attend the events and interact with the visiting persons.

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?

The college is under the department of education of West Bengal Government. The service rules of Government of West Bengal do not provide any Sabbatical Leave to the employees. However there is provision for Commuted Leave without medical certificate for a maximum of 180 days (one hundred and eighty days) in an incumbent's entire service period to pursue advanced level research work. A teacher can also enjoy the UGC FDP leave for research work for two years with the approval of University, DPI and college governing body.

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)

Department wise visit to research laboratories, other institutes, industries places of research interest are organised.

Department of Geography organises excursion every year for both Honours and general students where field work are done by the students under the supervision of the teachers.

Department of Chemistry organised an industrial visit to Kesoram Rayon, Hooghly, West Bengal in 2011 where the students of the department experienced about the industrial processing and production of Rayon silk.

Department of Chemistry organised an industrial visit to Kausani Tea Garden, Nainital where the participants learnt about the tea processing from raw tea leaves.

Department of History organised an educational tour to the National Museum, Kolkata. The students of the department participated the tour guided by the teachers.

3.2 RESOURCE MOBILIZATION FOR RESEARCH

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

The institute does not have any research budget and also is not the authority to allot any fund for research. However some of the faculty members of the institution have minor projects funded by UGC.

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

The institution is not financially autonomous body and is not empowered to raise a research fund.

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

At present, in the institution only undergraduate courses are running and the UG students are not directly involved in research projects.

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

Seminars on multidisciplinary topics are arranged where the speakers from diverse fields are invited for lectures.

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

Departments of Physics, Chemistry, Nutrition, Microbiology, Zoology, Botany, Geography have several scientific instruments. The teachers of the respective departments are trained to use the instruments. Log books are maintained by the departments. Regular maintenance of the instruments is also taken care.

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.

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.

See item no. 3.1.5, 3.2.1, 3.2.2 and individual departmental report for details.

3.3 RESEARCH FACILITIES

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

- Well-equipped library
- Internet facilities
- Instrumental facilities
- Seminars and workshops are arranged to interact with the people from outside

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?

- Expanding and renovation of science laboratories
- Procuring new scientific equipment which can be used for research purpose as well as the equipment will meet the requirements of the undergraduate studies
- Expanding the building area of the institution to create the state of the art infrastructure
- Expanding the library area
- Buying new books and subscription of journals
- Buying new and updated softwares needed for research purpose
- Expansion of library hours

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.

No

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

The institution has no affiliated research centre at present and the courses offered here are under graduate courses. UG students are not in the research bracket.

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

See item no. 4.2.1 and 4.3.1

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

See item no. 3.2.2 and 3.2.4

3.4. RESEARCH PUBLICATION 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) X
- ❖ Original research contributing to product improvement X
- ❖ Research studies or surveys benefitting the community or improving the services
- ❖ Research inputs contributing to new initiatives and social development (See item no. 3.1.5)

3.4.2 Does the institution 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?

No

3.4.3 Give details of publication of faculties.

See individual departmental reports for details.

3.4.4 Provide details (if any)

- Research award 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 recognition for research contributions

See departmental reports for details.

3.5 CONSULTANCY

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

- The institute has its own career counselling cell (named as Career Guidance Cell) where the students are counselled by experts regularly. The career counselling cell always keeps the students updated about the opportunities in industries and more precisely students are kept informed about the industries related to their disciplines.
- Industrial visits are arranged by the departments.

Department of Chemistry organised an industrial visit to Kesoram Rayon, Hooghly, West Bengal in 2011 where the students of the department experienced about the industrial processing and production of Rayon, silk.

Department of Chemistry organised an industrial visit to Kausani Tea Garden, Nainital where the participants learnt about the tea processing from raw tea leaves.

- Camp and workshops are organised jointly with industries from where the students and the staffs of the institution can have the chance for direct interaction with the industrial persons.

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

The college publicizes and advertises the expertise available for consultancy services through:

- Interaction with the home university and other universities
- Interaction with other colleges
- Arranging workshops
- Arranging seminars on specified fields and multidisciplinary fields
- Publication

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

- The college authority always encourages the faculty members for consultancy services. If there is any opportunity for consultancy found, the authority keeps the suitable faculty member informed about it.
- The college authority helps a faculty member engaged in any consultancy service by reducing his or her administrative responsibilities.
- Department is always ready to help the faculty member of that department who is selected for consultancy by adjusting the teaching responsibilities and also by reducing teaching loads if needed.
- The college encourages the staff for consultancy services by forming several committees such as NSS, Career Counselling Cell, Women's cell, Equal Opportunity cell. The members of each of the committees look after the annual activities of the committees. Several workshops, seminars, camps, counselling sessions are arranged by the committees.

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

All the services are free by college. Some of the activities are listed below:

Dr. Sima Banerjee (Principal)

Serves as a member of the Governing Body, Kabikankan Mukundaram Mahavidyalaya, Keshabpur, West Bengal.

Dr. Shyamapada Santra (Department of Geography)

Serves as a member of the Governing Body, Kabi Sukanta Mahavidyalaya, Bhadreswar, West Bengal.

Dr. Sangita Sanyal (Department of Bengali)

Serves as a member of the Governing Body, Sreegopal Banerjee College, Bagati, Magra West Bengal.

Professor Tanmoy Dhibar (Department of Geography)

- Guest lecturer, Post Graduate Section, Ramananda College, Vidyasagar University Centre
- Faculty, Netaji Subhas Open University, Chandanagore Centre

Dr. Biswajit Karmakar (Department of Bengali)

- is in the editorial board of two journals
 1. International Journal of Humanities and Aesthetics (ISSN: 2394-1898)
 2. Lahor (ISSN: 2394-0719)
- Advisory board member of an International journal – Ebong Prantik (Varanasi)
- Observer for the M.A Part II Examination, 2014 of Kalyani University Distance Education Centre
- Selected as the judge for LOKADALAT (Court for the common people) at Bongaon Court held on 06-12-2014
- Academic counsellor for M.A (Bengali) 2013-2014 session of Kalyani University

Dr. Nandita Basu (Department of Philosophy)

- Guest lecturer, Department of Philosophy (Post Graduate Section), Kalyani University
- Vice President, Society Under Revolving Awareness of Human Activity, a government registered organisation

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?

Consultancy services are provided free by college

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITIES (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?

The college has started National Service Scheme (NSS) in the campus. Students are highly encouraged to take part in NSS. The unit is chaired by Dr. Nandita Basu (Department of Philosophy) and co-chaired by Professor Biplab Mondal at present. (Department of Chemistry) Throughout the year, members of NSS are involved in several activities contributing to the society.

The unit organises every year:

- blood donation and other medical camps,
- plantation programme,
- Independence day celebration,
- Republic day celebration etc.

Some of the recent activities of NSS of the institute are listed below:

Name of the programme	Date	Place	No. of participants
A Seminar on “ Fundamental Rights(Right to Equality) and Women”	06.01.2015	College campus	80
Celebration of Swami Vivekananda’s birth day	12.01.2015	College campus	40
Plantation program	21. 07. 2014	College campus	20
A Seminar on “ 498 A case”	10. 11. 2013	College campus	100

In 2008, the institute NSS Unit I and Unit II adopted slums of Imambara, Hooghly. NSS unit members visit the slum areas of the locality and they teach the children of the slums as well as they educate the people of the areas about hygiene and cleanliness. On 22. 12. 2014, the NSS unit arranged a health check-up camp in the slums.

Apart from NSS, the college has Women's cell and Equal Opportunity cell which are also active enough to develop general awareness among the students to help the neighbouring society to make a better one. Both the cells organise seminars, workshops and camps on regular basis involving the students of the college. Some of the recent activities of the cells are listed below:

Name of the programme	Nature of the programme	Date	Place
Psychological Counselling	Lectures were delivered and students were counselled by counsellors	04. 12. 2014	College campus
Personality development: Treasures of Innocence	A work shop was organised in collaboration with an NGO	03. 12. 2014	College campus
Women: Their Contribution towards Society	A seminar was organised on the topic	02. 09. 2014	College campus
Medical camp	The camp was conducted by the cell in collaboration with Sun Pharmaceuticals	28. 08. 2014	College Campus
International Womens day	The day was celebrated by the students. Students and teachers shared their views and personal experiences on common platform	11. 03 2014	College campus
Women empowerment	The cell conducted a one day programme involving interaction between the students and the members of a self help group named 'Ma Sarada Sangha' operated by village women	05. 12. 2013	Ma Sarada Sangha
Female health awareness	A camp was organised	07. 09. 2013	College campus
International	A cultural programme	08. 03. 2013	College

Women's day	was organised by the Women's cell on the occasion of Women's day celebration		campus
First aid training camp	A 3 days long training camp on first-aid was held at the college in collaboration with Arambagh Health Guide, Hooghly and Indian Red Cross Society	01. 10. 2012-03. 10. 2012	College campus

In 2013, under the initiative of Women's cell 11 students of the college were selected to participate in the state-level slogan writing competition based on the theme "Save the Girl Child", conducted by Women Development and Social Welfare Department, Government of West Bengal.

On 02. 01. 2013, The Women's cell organised a silent rally in the town with the students, teachers and the non-teaching staff as a protest against the brutal rape case in Delhi.

The students of the college celebrate Rabindra Jayanti (Rabindranath Tagore's birthday) every year with the teachers.

The students of various departments organise cultural programmes on the occasion of Teachers day every year.

Freshers' welcome are arranged by the students both in the college campus and in the hostel.

A prize distribution ceremony is held in the campus every year. On that day, Inter-college debate and quiz competitions are organised.

Different Activities of Women's Cell





3.6.2 What is the institutional mechanism to track students' involvement activities which promote citizenship roles?

The students of the institution are always encouraged by the teachers to participate in NSS and Women's cell. They are also encouraged to take part in the social services in the free time. Several programmes are arranged by the students in the college campus with the help of the staff of the college. They are also motivated to take part in inter college competitions and other competitions held outside the college campus.

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

- Regular meetings of the Teachers' council are held to discuss about several issues regarding educational, administrative, non-administrative matters and necessary steps are taken to resolve the issues.
- Regular governing body meetings are held in the college where the members discuss about the resolution of different issues for the smooth running of the college
- The college has its own website where the detail profiles of the institution, the departments and the teachers. Students can have the information regarding their college from the website as well as from the prospectus of the institution. They are always encouraged to take part in the cultural programmes held in the campus throughout the year from where they also come to know about the heritage and culture of the institution.
- Students are encouraged to be active members of the college NSS unit and Women's cell. These two bodies are involved in various social activities which are highly helpful for the students to develop social and general awareness.
- Students are encouraged to become part of the Students Union of the institution and build their own democratic platform. The activities of the Students union are governed by the students which help them to develop knowledge about the society and the country. They organise the union's election by themselves. Also they take active steps the some issues of the students.
- Every year a prize distribution ceremony is held at the campus where a cultural programme is arranged by the students. Inter college competitions are also organised where the neighbouring colleges are invited to participate.

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

Budget details of NSS is given in Annexure 3.6.4. For details of the major extension and outreach programmes organised by NSS, please go through section 3.6.1.

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

The participation of the students and teachers in NSS and Women's cell are always promoted by the college. (See 3.6.1 and 3.6.2 for details)

Apart from these, various activities are promoted by the institute. Some of them are listed below:

Dr. Biswajit Karmakar, Department of Bengali is a member of Kalyani Kalamancha, Nadia (A Group theatre)

He directs and plays roles in dramas and theatres. He played roles in

Pagrir Bhanga (a drama on the erosion of social and political values)

Seturam (a drama on the change of demands of relations)

Golladudh (different aspects of the lifestyle and mentality of middleclass families)

He is also a scriptwriter.

He is also a life member of Academy of Fine arts. Some of his exhibitions are listed below:

25.02.2011- 06.03.2011: Bangladesh Gallery

28.07.2012- 31.08.2012: Gaganendra Pradarshanshala

20.02.2013- 26.02.2011: Academy of Fine arts

18.06.2014- 14.06.2014: Altamira Art gallery

He is the author of a Bengali novel “ Uttarbittanto” which has been awarded with Lal Bihari Samman in the year 2011.

He has been selected the judge of LOKADALAT (Court for the mass) in Bongain Court in 2014 as a recognition of his social services.

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 section of the society.

The institution is a Girls' college where the female students come from the nearby locality as well as from localities of distance. The key feature of this institution is the women empowerment which establishes a bold example to the society. The students are not only equipped with educational qualification but also they are encouraged to take part in social services. A certain portion of the students are from the minority classes of the society (Scheduled Cast, Scheduled Tribe, Other Backward Class) who are getting empowered every moment of their learning periods in the campus.

The institution actively helps the female students for the scholarships of the Government. Also the institution actively helps the students from minority classes to avail various scholarships from different sources.

The NSS unit of the college has adopted the slum areas of Imambara, Hooghly, (Unit I and Unit II) a nearby locality. The members regularly visit the slums and teach the children. The residents of the slums are taught about cleanliness and hygiene by the NSS members of the college. A medical camp was organised in the slum areas by the NSS unit in 2014.

In the institute campus there is a computer training centre run by DOEACC. There is an agreement signed between the college and DOEACC and the institute runs courses on computer literacy and training. The students are encouraged to join the courses. Apart from the students of the college, some people outside the campus also join the courses every year.

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

NSS unit and Women's cell are very active in the campus who are engaged in organising several programmes and activities throughout the year involving the students. The main objectives of the bodies are to enable the students to:

- Develop a helping mentality in others
- Develop general and social awareness
- Develop a power to educate others about a particular topic
- Acquire knowledge about the world outside their syllabus
- Be able to work as a team in a planned and disciplined way
- Know the community where they exist
- Understand their relations to the community
- Understand the problems and chalk out the solutions
- Acquire leadership ability and democratic attitude
- Develop capacity to meet emergencies

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 the community participation in its activities?

Activities of NSS and Women's cell (See item no. 3.6.1 and 3.6.2 for details)

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

NIL

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

NA

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 scholarship etc.?

The institution does not have any direct collaboration with research laboratories or other institution for research purpose at present. But some of the faculty members are involved in research activities in collaboration with research partners from other institution.

As for example, Dr. Anindita Sengupta, Department of Economics is engaged in a UGC sponsored research project entitled “Technical Adaptation and survival of jute textile industry – a comparative study of India and Bangladesh” in collaboration with the Department of Economics, University of Calcutta, West Bengal.

The Department of Chemistry organised an UGC sponsored seminar along with the department of Chemistry, Sreegopal Banerjee College, Bagati, Hooghly, West Bengal.

Department of Economics organized an UGC Sponsored State-Level Workshop on ‘Recent Trends in the Enrolment For Under -Graduate Studies in Economics’ alongwith Department of Economics, Balagarh Bijoy Krishna Mahavidyalaya, Hooghly, West Bengal.

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.

The college has the MoU with DOEACC, a national level institute for computer training.

DOEACC has its own centre in the college campus where courses on computer training are run by experienced and trained persons.

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 support staff, and infrastructure facilities of the institution viz. laboratories/ library/ new technology/ placement services etc.

See item no. 3.6.2 and 3.6.5

3.7.4 Highlight 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.

See individual departmental reports for details.

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 example (if any) of the established linkages that enhanced and/ or facilitated.

The college has the MoU with DOEACC, a national level institute for computer training.

DOEACC has its own centre in the college campus where courses on computer training are run by experienced and trained persons. After successful completion of the courses, the participants are offered certificates.

The students are highly encouraged to join the courses in the centre. The courses are helpful for them to get jobs in future life.

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

Individual faculty members have their own contacts with other persons in other research laboratories, universities and institutes. They take the responsibility to find out suitable collaborative partners and the possibility of initiating collaboration for their research purpose.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

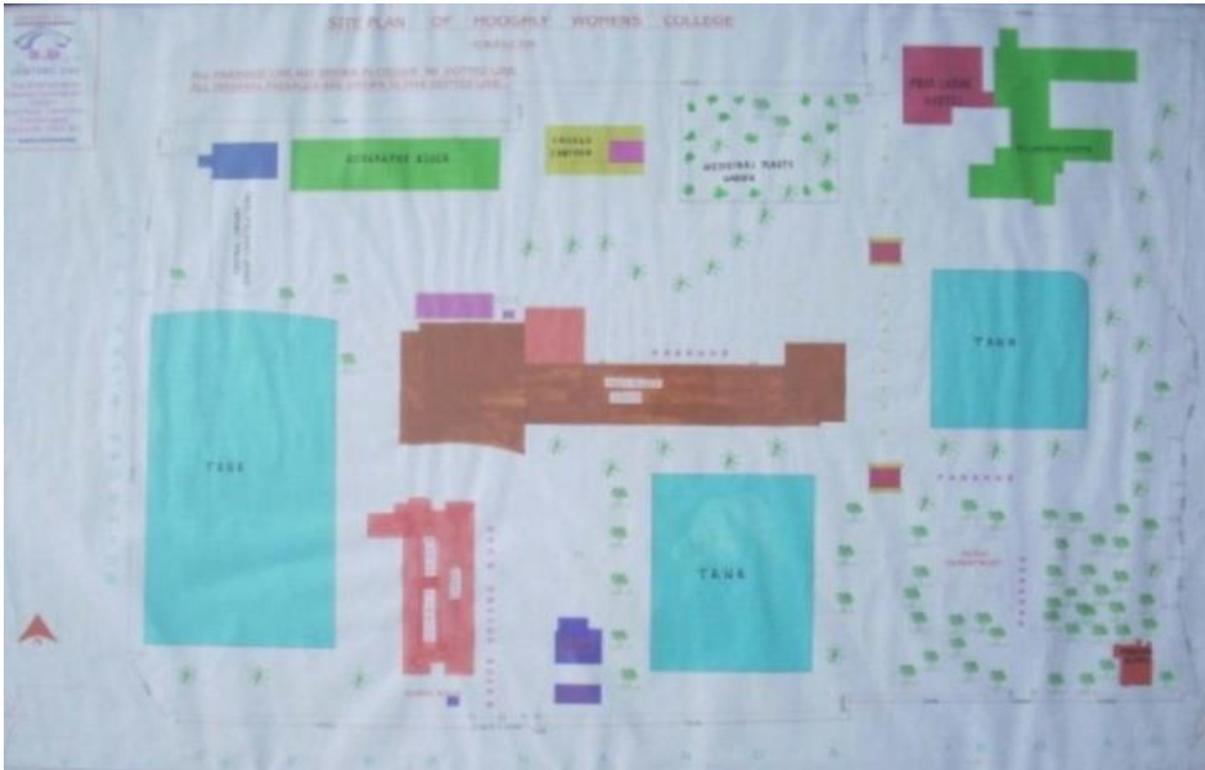
The existing policy of the institution:

- To plan for sustainable expansion so as to
 - a) ensure academic growth and allied activity promotion
 - b) improve existing facilities
 - c) add according to new needs
- Submitting plans and proposals for infrastructural extension to the government for approval and financial sanction.
- Mobilizing funds from the government, and from other sources such as UGC, MPLAD, MLA-LAD, etc for academic growth.
- Persuasion of infrastructural development.

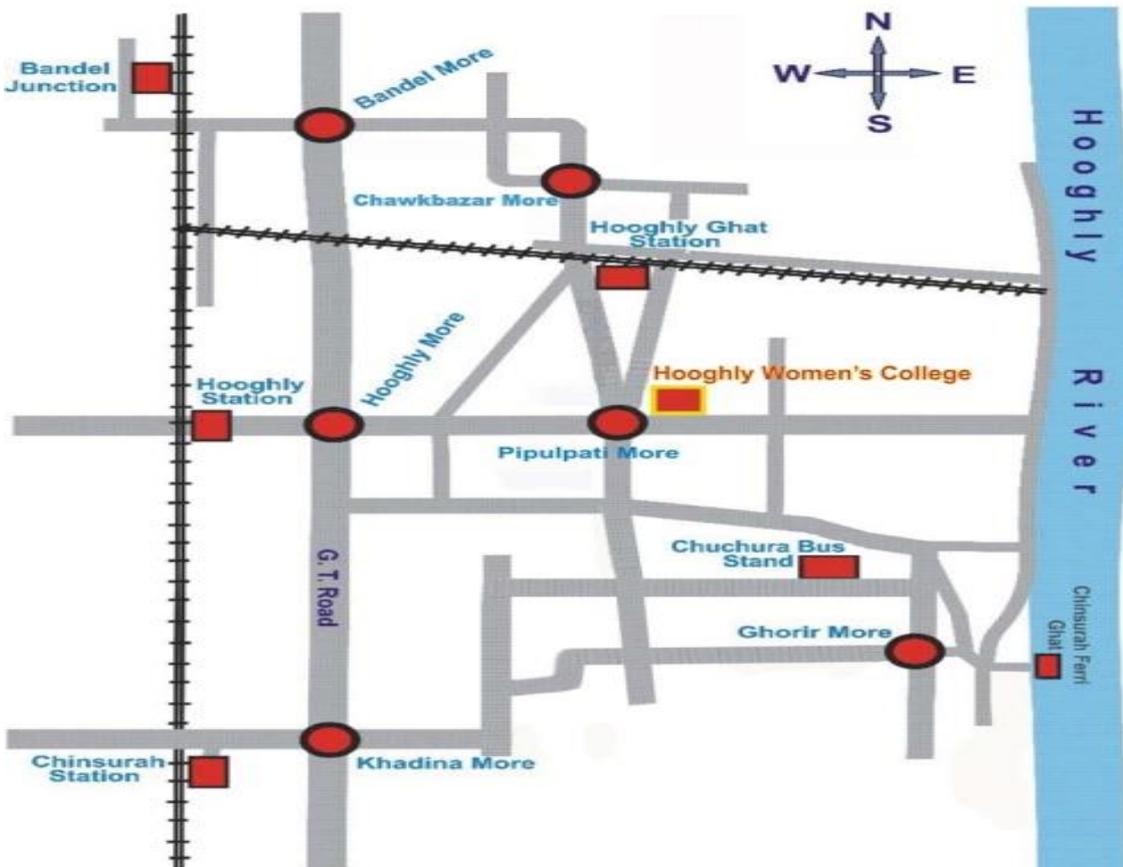
4.1.2 Detail the facilities available for

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

Classrooms: College possesses a complex building system with proper water and power supply. Main building, the oldest one, is a 3-storied building that has the administrative rooms in ground floor with 6 class rooms and the college auditorium. First Floor of the building also possesses 6 class rooms and Teacher's room. The 2nd floor is with Physics & Chemistry department. The Science Block is also one 3-storied building. It has Department of Political Science, 4 class rooms, student's union room in the ground floor. Department of Mathematics, Department of Economics and Department of Zoology are there in the first floor along with one seminar room with audio-visual systems. Department of Microbiology, Department of Botany and Department of Nutrition are present in the 2nd floor. Department of Geography possesses one separate 2-storied building with class rooms, labs, seminar room and teacher's room. The central library and Language Laboratory are at the separate two storied building adjacent to the Geography Department. Department of Music and Department of Education are in a separate two storied building. Computer center is situated adjacent to Music department. All the classrooms are equipped with black/white board, and if teachers require, can arrange over head projector and laptop computer with LCD screen. At present class rooms are sufficient for all the 17 courses running in the college.



Map inside the campus



Route map of the College

Technology enabled learning spaces: A computer room with several computers with internet facility are often used for teaching purposes. A numerical laboratory also exists for teaching purposes in specified areas for Mathematics. Other departments set up ICT enabled teaching equipments, such as laptop, LCD projector, etc. In their respective departments, whenever needed. All the science departments and most of the arts departments have access to internet facility for teachers as well as students in respective departments.



Class in Geography Department

Seminar Halls: Two large classrooms are equipped with microphone and computer connectivity where departmental seminars are held. The auditorium (college hall) is used for State level/National/International seminars or multi departmental seminars.

Tutorial spaces: The classrooms are used for tutorial purposes during slack session/hours.

Laboratories: Science departments have set up modern laboratories.



Laboratory



Medicinal plant garden

Medicinal Plant Garden: The Botany department has been maintaining and augmenting a Medicinal Plant Garden.

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

Sports: A medium sized playground is available within college campus. Provisions for playing different games are there. The event of Annual sports is held every year.

Prizes and trophies are awarded to the successful participants in the annual sports meet. A special prize is awarded each year to the student for an outstanding performance in sports and games. Interested students who are good in sports are sent each year as participants to the Annual Inter-government College Sports Meet.

Outdoor and Indoor Games: Provisions for outdoor games like Badminton, minor games such as cycling and indoor games like table tennis and carom are there.

Gymnasium: NSS: Two units of NSS are always active in different social activities.

NCC: No such wing is available in our college.



Gathering in the College Auditorium



NSS programme

Public speaking, communication skills development: Regular debate and extempore speeches are held by Debate and Cultural Committee for training students in public speaking and communication skills development. Students also participate successfully in events outside college. A dedicated unit exists for conducting a Certificate Course in Public Relations and Advertising and it is a definite add-on facility in this regard.

Yoga: Provisions are underway to upgrade the existent facility and purchase of equipment and engage teacher. It is hoped that from the forthcoming academic session (2016), free yoga sessions under expert guidance will be made available for all interested students as an effort towards holistic education.

Health and Hygiene: Active roles are played by the members of the Maintenance and Beautification Committee. Gardening Committee and the NSS to maintain healthy, clean and

hygienic condition of college and hostel. Under NSS students take active part in removing used litter from the campus. De-weeding and mowing of the College play ground is done twice a year. Appropriate measures are taken for regular disposal of lab-wastes. Workshops on Health & Hygiene of Adolescent Girls are regularly held in the College.

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.

- In full session every classroom and laboratory is in use during college hours indicating the optimum use of the available space. The College offers around 17 programmes which is as many as the existing infrastructure permits.
- All the science departments and most of the arts departments have access to WiFi enabled internet facility for teachers as well as students in respective departments.
- Language improvement classes (Remedial) are also held in the Language Laboratory.
- Teachers carry out research in the college premises well beyond college hours.
- The academic curriculum also involve the regular conduct of seminars and workshops at different departments.
- During Parliamentary, Assembly and Municipal elections, the College campus is requisitioned as polling centre and on occasions as the regional election office.
- The master plan of the college and of the hostel are enclosed in **Document** which gives a comprehensive detailing of the existing building and structures of the college and future plan of expansion.

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

- In the ground floor there is one ramp which facilitates the movement of wheel chair.
- Most of the classes for students with difficulties in movements are arranged downstairs. Special tools are arranged for such students whose normal growth is challenged in the labs.

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

Hostel Facility – We have a student hostel with 75 beds. Accommodation for one non-residential Superintendent (in-charge) and an Assistant Superintendent (in-charge) are available with tight security. A lady night guard is also provided. Wholesome meals are provided at minimum expenses. Clean and green environment surrounds the campus and there is a proposed rain water harvesting project. TV, magazines, computer facilities with internet facility are provided

and group activities like 'Navin Baran' (Fresher's Welcome), Farewell programme to final year students, Independence Day celebration take place every year. Tuition facilities are given, during examination.

Administration: The Principal of the College is ex-officio in-charge of the College Hostel. In addition, the hostel is run by one non-residential superintendent and one assistant superintendent.

The Hostel Committee consists of the Principal, Superintendents, Assistant Superintendent and some members of the teaching staff. The Committee plays a great role in the all-round development of the Hostel.

Facilities- All boarders enjoy the following facilities.

- ✓ **Telephone:** Students are allowed to use their own mobile phone. One phone connection is available in the office for making and receiving STD as well as local calls in a very restricted way.
- ✓ **Medical Facilities:** In an establishment for about 75 boarders, it is quite likely that medical emergencies may arise. In order to tackle minor cases, a first-aid kit along with a large stock of medicines is available. There is also a sick room where the patients are cared for. In addition, the hostel has a consulting physician who very kindly renders his services at any time of the day and night. But in case of extreme emergency, a situation that occurred a few times in the past, we take the services of the nearest hospital, Chinsurah Sub-Divisional Hospital. We occasionally seek help of Hooghly-Chinsurah Municipality medical wing for examining the hostel campus and overseeing sanitation of environment to prevent the breeding of infectious disease spreading insects.
- ✓ **Library:** Hooghly Women's College Hostel has also started a small library in the common room. The library consists of both reference and story books. It also subscribes to some journals and newspapers.

Journals: Competition Success Review, Competition World, Economic and Political Weekly etc.

Festival Special: Saradiya Desh, Saradiya Anandamela.

Daily News Paper: Anandabazar Patrika, Telegraph.

- ✓ **Drinking Water Facility:** College Hostel not only provides 24 hours running water to the boarders but has also ensured that the students get proper drinking water. For this reason two water purifiers (Aquaguard) have been installed in the hostel building, one at dining room and other at the first floor.
- ✓ **Sports Facilities:** Sport is an important part of student-life as it not only provides us with entertainment but also helps in building up a good and healthy life. The College Hostel is equipped with all possible requirements for indoor and outdoor games. Sports facilities like Carom, Chess, Ludo, Badminton have been introduced in the hostel.

- ✓ Entertainment: In the leisure hour students are allowed to watch TV. With prior permission of the Superintendent students are allowed to watch TV in holidays.
- ✓ Prayer Hall: There is a prayer hall for daily prayer and practicing Yoga.

Cultural Activities and Festivals

- Freshers' Day and Farewell Party: The students celebrate these two occasions enthusiastically. The Hostel has been made a home away from home by the continuous and sincere efforts of the college authority, the staff of the hostel and the boarders.
- Republic Day & Independence Day: These two important days are celebrated by the hostelities. The patriotic sentiments rise high and amalgamate to make the tricolour more glorious. Amidst various patriotic songs in Hindi, Bengali and Nepali the national flag is hoisted by our respected Principal.
- Saraswati Puja: It is one of the celebrations which is much looked forward to all the students of the college especially those residing in the hostel. From buying things like sweets, fruits etc. to procuring the idol of the Goddess of Learning everything are carried out with great responsibility by the students. A cultural programme is also organized by the students in the evening.

Computer facility in hostel: The College provides one computer in the Hostel to cater to the needs of the residential students. Internet access for the students residing at the college hostel is provided.

Facilities for medical emergencies: The Teachers Council has a "First Aid and Medical Committee" to look into these matters.

The college has adequate number of First-Aid boxes to take care of minor injuries. Students have access to medical advice and treatment from specialized medical practitioners at the Students Health Home.

All staff and students of this college receive prompt medical attention at the Hooghly Sub-Divisional Hospital (Imambara Hospital) - also a government run institution.

Sick room facilities are provided to examinees (for both College and University examinations) as and when required.

In the hostel sick students are promptly attended to by doctors on call. The college conducts health awareness programs from time to time.

The hostel campus is always kept clean and care is taken to drain out water so as to prevent breeding of mosquitos and other pests. Municipality authorities are invited frequently to carry out preventive measures to keep infection at bay.

Library facility in the hostel: The College hostel has a small library equipped with text books and fictions. Newspapers like Anandabazar Patrika, The Telegraph and magazines like Competition Success Review and Competition World and Magazine for Puja special like Desh, Anandamela etc.

Internet facility: As noted above, the college ensures that students residing there have access to internet facilities through internet dongle.

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 Teachers' Council has a First Aid and Medical Committee to look after related matters. With First Aid boxes minor injuries of staff and students are usually taken care of.

The students have access to medical advice and treatment from specialized medical practitioners at the Students' Health Home, a state-level autonomous health organization, on payment of a subsidized annual subscription of Rs. 5.00 only.

All staff and the students of this College get prompt medical attention if needed, in the adjacent Hooghly Sub-divisional Hospital (Imambara Hospital), also a government-run institution.

One General Physician pay regular visit to the college.

Regular seminars and workshops are held in the college and hostel to address medical awareness of the students.

Sick room facilities are provided to examinees (for both College and University examinations) as and when required.

In the hostel, sick students are readily attended to by doctors on call.

Regular visits are conducted by Hooghly - Chinsurah Municipality medical teams to prevent the fostering of mosquito-bred infectious disease.

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

IQAC: College has set up an Internal Quality Assurance Cell for the supervision of teaching-learning process and overall infrastructural development of the college. According to the new CAS rule, the CAS documents must be verified by the IQAC coordinator and counter signed by the Principal. An well separate office space has been provided at first floor of main building for smooth running of the cell and preservation of documents.

Grievance Redressal Unit: A box is kept in the library for the purpose, and a committee under Teachers' Council takes care of those problems.

Women's Cell: The Department of Sociology acts as the Coordinating Department. It organizes programmes on women: An active Women's Studies Centre is operating in the college with women-centric issues, conducts camps, workshops, publishes material on research on women's issues to promote women empowerment.

Counselling and Career Guidance: College has set up a Career Counselling Cell which has so far organized a seminar on career scope with Montessori training.

Placement Unit: This unit is working along with Career Counselling Cell.

Canteen: The canteen is running successfully within the college campus, having separate sitting

space for students and teachers.

Recreational spaces for staff and students: In the hostel one colour T.V. in the students' common room with cable connection is provided.

Safe drinking Water facility: Every floor a water purifier is installed both in the college and hostel.

Auditorium: A state of the art auditorium is there for holding seminars and cultural functions.

Fixed plush seating and audio-visual facilities are there.

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 initiative has been implemented by the committee to render the library, student/user friendly?

Yes. The library advisory committee is formed with the following members

- a) Principal,
- b) Librarian,
- c) Bursar,
- d) All Head of the Department and
- e) Library clerk.

The Library Advisory Committee is providing guidance and required support towards the sustainable development of the college library. Significant initiatives that have been implemented by the committee are given in the various sections.



College Central Library

4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.): 335 sq. mts.
- Total seating capacity: 40
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation): Working hours: Monday to Saturday: 10.30 a.m. – 4.30 p.m.
- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources): ---
Space has been provided in the library for Book stack area, Circulation Counter, Lounge area for browsing and comfortable reading room, Internet searching and chamber for Librarian.

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.

Books and periodicals selection and purchase policy: The Purchase Policy for books and periodicals for different department as well as the library involves the decision making by the Principal and Library Advisory Committee for both State Government Grants as well as UGC Grants.



Inside the library

Books and periodicals are selected by the subject teachers. College office places the orders to the vendors in a systematic way to purchase the books. Books suppliers submit the ordered books with bills to the library. After this, librarian passes the bills to the office after completion of necessary technical activities. In case of journals, librarian

places the orders (with a prior discussion with concerned subject teachers) to the vendors and passes the bills after submission of journals to the library.



Precious Collections

Allotment for library (Last four years)

GRANT	Session			
	2011-12	2012-13	2013-14	2014-15
UGC Grant	284818.00	Nil	293388.00	134179.00
State Government Grant	Nil	Nil	183037.00	Nil
College Fund	Nil	21060.00	Nil	995.00

Library holding (Last four years)

Library holdings	Session			
	(2011-12)	(2012-13)	(2013-14)	(2014-15)
Text books	1126	66	1436	491
Reference books	10	8	22	11
Journals / Periodicals/ Magazines	14	18	16	17
e-resources	Free journals/ books through NLIST	Free journals/ books through NLIST	Free journals/ books through NLIST	Free journals/ books through NLIST
Gift Books	22	116	21	1



Journal and magazine section of library

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

- OPAC : YES
- Electronic Resource Management package for e-journals : YES, Inflibnet N-LIST
- Federated searching tools to search articles in multiple databases : NIL
- Library Website - NO
- In-house / remote access to e-publication: YES, Through Internet
- Library automation: YES, Libsys software
- Total number of computers for public access: 5(Five)
- Total number of printers for public access: 2(Two)
- Internet band width / speed 2 mbps 10 mbps 1gbps (GB): BSNL, 100 mbps
- Institutional Repository: NIL
- Content management system for e-learning: NIL
- Participation in Resource sharing networks / consortia (like Inflibnet): Not Yet

4.2.5 Provide details on the following items:

- Average number of walk-ins : 70-80
- Average number of books issued / returned: 50-60

- Ratio of library books to students enrolled: 1:15
- Average number of books added during last three years: 678
- Average number of login to opac (OPAC): 25-30
- Average number of login to e-resources: 5-10
- Average number of e-resources downloaded / printed: 4-5
- Number of information literacy trainings organized: YES
- Details of “weeding out” of books and other materials: Usually badly damaged book and lost books are weeded out from library file.

4.2.6 Give details of the specialized services provided by the library

- Manuscripts: - NIL
- Reference: YES
- Reprography: YES, Library has one Xerox machine for providing Reprography services.
- ILL (Inter Library Loan Service): NIL
- Information deployment and notification (Information Deployment and Notification): YES
- Download: YES
- Printing: YES, Users get printing facility as and when it is required.
- Reading list / Bibliography compilation: YES
- In-house / remote access to e-resources: YES, Faculty members and students can access e-resources through N-LIST programme.
- User Orientation and awareness: YES
- Assistance in searching Data bases: YES, library provides assistance in searching databases to our users.
- INFLIBNET / IUC facilities: YES, the facility organized by INFLIBNET (N-LIST Programme) is available in our library.



Reprography service at college library

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

Support provided by the library staff.

- Library provides-Reference services, Reprographic services, Downloading facilities according to the enquires requirement, printing facilities and remote access to e-resources through N-LIST programme.

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

Most of our users are normal. If situation arises the library will restructure its service pattern.

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 he feedback analyzed and used for further improvement of the library services?) -----

We have a complaint box outside the library where students can give their suggestions and complaints.

Xerox facility was not available earlier but on request from the students this facility has been provided.

Internet and computer facility is available though inadequate.

4.3. Information Technology Infrastructure

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

Components of information technology in Hooghly Women's college.

The IT and IT enabled campus is using three divisions of IT facility.

- HARDWARE
- NETWORKING and Wi-Fi
- SOFTWARE

Information technology (IT) is the application of computers and telecommunications equipment to store, retrieve, transmit and manipulate data. The term is commonly used as a synonym for computers and computer networks. Information technology infrastructure of our college is the integrated framework upon which digital networks operate. This infrastructure includes data centres, computers, networks, Database devices, and a regulatory system.

Infrastructure includes the transmission media, including telephone lines, and satellites and antennas, and also the routers that transfer data between disparate transmission technologies.

Our IT infrastructure is viewed as everything that supports the flow and processing of information and it is following the BIC model and we have unparallel IT and IT enabled facility in our college which have been developed in last three years.

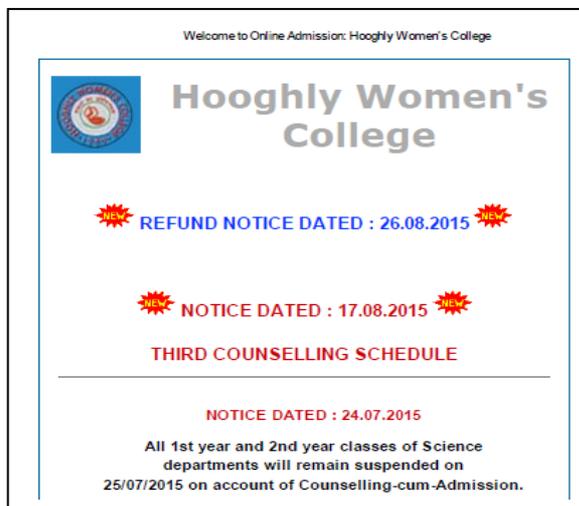
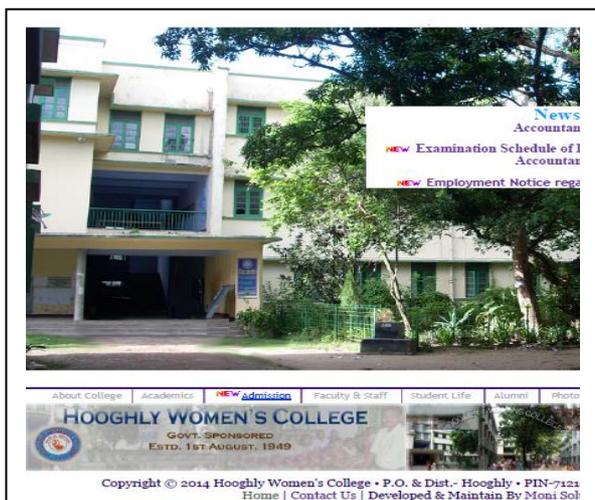
Uses of IT in our college:

- The Mathematics, Physics, Geography, Microbiology, Botany, Chemistry, Economics and Nutrition departments have their own computer facility as computer programming and use of specialized software has become an essential part of the requirements of the syllabi in these subjects. There is one computer with internet facility in the staff room which can be used by the teachers of the remaining arts subjects.

- In almost every department the faculties and students are provided with computers and broadband internet facilities under NME Project of MHRD, Government of India,

Followings are the website and online database applications systems window of the college:

- www.hooghlywomenscollege.com
- www.hwcadmissions.com (online application)



Software used by Office:

Screen shot of Home-page of college

CELLA: This software is used for storing information about students. It is actually a student database. Apart from that various software like Tally, EFMS etc. are used in office. Through this 'CELLA' s/w we are helped for maintaining online fees collection and Billing, Faculty/ Staff Profile (centrally used) etc.

COSA: COSA ensures accuracy and timeliness in the generation of Pay Bills, Schedules and other Annexure required for producing Salary Bills of the establishments of Government Departments. The salient feature of COSA is that it neither needs any DBMS engine to be installed in the user machine nor any sort of Programming/Reporting Software tool. Hence, it is proved to be a cost-effective solution in conformation with the policy of NIC in implementing E-Governance in the Government Offices. COSA is running successfully in around 2000+ DDO offices in West Bengal. Computerization of the preparation of monthly salary bills using software package 'COSA' (Computerization of Salary Accounting) has been implemented at our college a few years back. In the year 2012, an upgradation of this software has also been done. At present the COSA software is being successfully used for the smooth running of the preparation of monthly salary bills for all the employees.

Software used by different departments:

Geography: Q-GIS (Version-9) is an open source GIS based software. It is useful for preparing maps, cartograms and also applied in other statistical techniques. It is most useful for preparation of basic GIS maps using differential geographical tools. Even, it can be used for Image Processing which is the most popular use of Remote Sensed Data. It's relevance in present days to a geographer is very important, on the basis of its application and uses.

Mathematics and Physics: MATLAB (Version R 2013a(8.1.0.604) software is a high performance

language for technical computing that integrates computation, visualization and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. MATLAB is a multi-paradigm numerical computing environment and fourth-generation programming language. Developed by MathWorks, MATLAB allows matrix manipulations, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs written in other languages, including C, C++, Java, and Fortran.

WOLFRAM MATHEMATICA (Version 9.0) is a symbolic mathematical computation program, sometimes called a computer algebraic program, used in many scientific, engineering, mathematical and computing fields. It is used world wide by scientist for almost every kinds of mathematical works like:

- Solving different system of equation like, ODEs, PDEs, DAEs, DDEs etc.
- Computational geometry in 2D, 3D and higher dimension.
- For matrix and data manipulation (2D and 3D data).
- Plotting of several graphs and figures etc.

Department of Mathematics also uses programming language base s/w FORTRAN 90 for solving numerical problems with their students.

Chemistry: ChemDraw is a molecule editor software. It is complete drawing program that provides all the tools needed for quick creation of chemical structure or reaction mechanism. This software is used different chemical structure to name conversion, chemical name to structure conversion, NMR spectrum and Mass spectrum simulation. Origin (Version 7.0) is also a proprietary computer program for interactive scientific graphing and data analysis. Origin can be used data analysis in statistics, signal processing, curve fitting and peak analysis. Origin can import data files in various formats such as ASCII text, Excel, NI TDE etc.

Economics: SPSS (16) and STATA (12) are required to analyse empirical data through the operations of statistics and econometrics. These softwares are required for empirical research in humanities subject like, economics, political science etc.

HARDWARE: The College has a vast network of computers spreading all over the college. Here is a glimpse of that.

Physical Audit and status of computers/printers/laptops as on 31st December 2015

Sl. No.	Department	No. of computer	No. of Printer	Laptop
1	Mathematics	9	1	1
2	Microbiology/Zoology	2	1	-
3	Physics	1	1	-
4	Chemistry	1	1	-
5	Economics	2	1	2
6	U.G.C network resource centre	4	1	-
7	Geography Dept.	2	1	2
8	Library	5	2	1
9	Office	8	5	-
10	Computer Centre/ NIELIT	7	2	

Apart from these, 4 scanners, 2 xerox machines are operative in office and library.



Students working at Computer Centre



Canteen



Hostel Building

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)

Computers are maintained and serviced by 'Computer, Internet and Website Maintenance Committee' of our college through expert personals as and when required.

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

- i) To teach the student in a more illustrative and understandable way, teachers are using laptops, LCD projector and OHP in the class room. Certain departments are using different academic softwares for advanced learning of their students e.g. MATLAB (Version 9.2): is used by department of Mathematics, Origin (Version 7.0) by chemistry department, SPSS

(16) and STATA (12) by Economics department, etc.

- ii) Students are given internet access for using e-library under the supervision of the teachers.
- iii) Assistance to students is provided for in-house/remote access to e-resources by using different open source journal facilities and N-List Programme. Teachers can also access a good number of International as well as National level journals using N-List facility to acquire an updated knowledge regarding their research activities.
- iv) Using LCD Projector various seminars and conferences are conducted.
- v) Beginners and advanced learners are encouraged to enrol in the Self-financed Computer Course to become cognizant and proficient, as the case may be, so that they can be inducted in the e-learning process.

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 Wide-Area Network connection existing in the college enables both faculty members as well as students to remain connected (via the Local Area Network) and access the internet.
- Different advanced Teaching Aids are being used in the classrooms e.g.:
Over-head Projector, LCD Projector.
- Assistance to students is provided for in-house/remote access to e-resources by using different open source journal facilities and N-List Programme. Teachers can also access a good number of International as well as National level journals using N-List facility to acquire an updated knowledge regarding their research activities. It may however be mentioned that as an institution Hooghly Women's College on principle does not believe a teacher can be replaced by virtual means ; for this institution generous usage of ICT with teacher-guidance is the key to student-nurturing.

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?

College library uses N-LIST programme to give access all the faculty members and students to established e-journals like journals published by American Physical Society, Institute of Physics Publishing etc.

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 major sources of Institutional receipts are i) Development Grant from State Govt., ii) UGC Grants, iii) MPLAD, iv) MLA LAD. Apart from these, the college receives grants from Govt. of West Bengal for payment of salaries to its staff. In all the cases, after receiving the sanction letter, Principal, along with the concerned Heads of the Departments, (for i and ii) all HODs and TCS (for iii, iv and v) all HODs of science departments, IQAC Convener, TCS and Librarians, decides democratically about the disbursement of sanctioned money among all claimants according to the need of all concerned. Principal's office for Development grant and concerned committees for other grants arrange for external audit done by reputed Chartered Accountants. Then, the audited Utilization Certificate is sent to the sanctioning authority.

	2011-12	2012-13	2013-14	2014-15
Building	Rs. 6053400 (Continuation of UGC Grant from 2009-10)	-Do-	-Do-	-Do-
Equipment	Rs. 527276 (UGC)	Rs. 1000000 (SAAC Grant)	-Do-	Rs. 300000 (UGC for IQAC Office)
Books and Journals	Rs.309796 (UGC)			Rs. 1286190 (UGC XIIth Plan)
Others				Rs. 150000 (SAAC Grant for COSA)

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

The institution takes following steps to maintain, upkeep its infrastructure, facilities and equipment of the college:

- Maintains Dead Stock Register regularly to keep account of the non-functional equipment and infrastructure, like computers, furniture, machineries etc.
- Annual Maintenance Contracts (AMC) for computers, different laboratory instruments, Water purifier machines, etc. have made and renewed regularly to ensure their good service.
- All the objectives and eyepieces of microscopes are cleaned twice a year by professionals - once at the end of monsoon and another before the University practical examinations.
- Centrifugation instruments are kept dust free in an air-conditioned room to maintain its sensitivity. Both the rotor heads (centrifugation tube, Ependorff tube) are used alternatively for proper maintenance.
- Generally as far as practicable for a fully government owned institution, a constant effort is made to provide dedicated and secure space for equipments and tools.

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

- Digital Instruments in different lab-based departments are calibrated at the onset of the Practical Session by Faculty Members themselves, after which they are calibrated on a regular basis by the students before each and every experiment.
- All instruments are also calibrated annually by technical personnel provided by the instrument manufacturers.
- Simple and Compound Microscopes are the indispensable instrument in the department of Physics, Zoology, Botany and Microbiology. All the objectives and eyepieces of microscopes are cleaned twice a year by a professional one at the end of monsoon and another before the University practical examinations. Throughout the year general maintenance is carried out by the students and the Group D staffs.

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

- We are maintaining cleanliness in the laboratory, by regular dusting and wiping apart from which most of the instruments are kept covered to protect from dust and obtain better efficiency.
- All laboratories are equipped with Fire Extinguisher. Recently, old fire extinguishing mechanism in the college has been overhauled thoroughly and have been posted at appropriate locations.
- All computers of the College are UPS protected.
All the departments are solely dependent on the college for the regular and constant supply of tap water. At every floor there are Aquaguard water purifiers.
- All sensitive instruments are connected to Voltage Stabilisers to avoid voltage fluctuations.
- Generator is installed at the college to provide uninterrupted power supply to the main building especially during the examination season.



Generator



Fire extinguisher

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

NIL

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

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

The prospectus, the College Calendar and the College Diary provide not only an overview but also upholds unique features of Hooghly Women's College. Among the unique features, students are made aware of the following:

- Norms of admission/ courses offered.
- Code of Conduct
- Hostel Accommodation
- Rules & Guidelines of the college and hostel for the students.
- Stipend/award and prizes for the students.
- Unique assessment system through monthly/midterm/annual examinations
- Seminars & Workshops are organized by all departments regularly.
- Updated and well stocked library.
- Games and sports opportunities, well-equipped playground and one Badminton Court.
- Students' Common Room with updated magazine section and indoor games facilities.
- Canteens.
- 24 hour generator back up for examinations as well as for ongoing research work.
- Fire extinguisher
- Filtered water facilities.
- Career-Oriented Add-on Courses
- Equal Opportunity Cell
- Strong and active outreach programmes of College NSS unit.

Hooghly Women's College, being a government sponsored college and first women's college of the district, shows its commitment towards its students as well as to the broader society by keeping a high standard in imparting education at the UG level and research works pursued in different departments. The College equally stresses on social works through its various outreach programmes to serve the lower rung of the society. The College is accountable for its administrative work to the Department of Higher Education, Govt. of West Bengal, and for its academic work to the University of Burdwan.

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?

Year 2011-2012: WBMDFC Scholarship: 65 beneficiaries

Year 2012-2013: WBMDFC Scholarship: 58 beneficiaries

Year 2013-2014: WBMDFC Scholarship, Kanyashree: 166 beneficiaries

Year 2014-2015: WBMDFC Scholarship, Kanyashree:

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

Information not available.

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

- **Students from SC/ST, OBC and economically weaker sections:** Apart from government assistance, College Student Aid Fund offers financial assistance to needy students so that they can continue with their studies by helping them buy books, study materials or important stationeries. Besides remedial classes in different subjects are taken by the teachers for the minorities and SC/ST students who are guided by the college teachers to cope with their difficulties in Honours and Pass subjects. Central Library provides facilities for economically weaker sections, a good number of books are being purchased for them. From 2014 onwards there will be a gradual induction of OBC students which will comprise 17% of the total number of students admitted as per the directives of the Government of West Bengal and the University of Burdwan.
- **Students with physical disabilities :** Special ramp in entrance of the college for physically challenged students
- **Overseas students:** As overseas students are rare in the college, therefore, a sustained specialized support system cannot be justified.
- **Students to participate in various competitions/National and International:** The students of all the departments participate in various kinds of extracurricular events, those include debates, quiz, social, cultural, drama and creative writing competitions along with different academic events including paper/poster presentation at different workshops/seminars organized by various universities, colleges and institutions at national and state levels. The Cultural committee and the Students' Union ensure student participation in various programmes held in the college from time to time all the year around. Prizes for co-curricular activities encourage students' participation too.
- **Medical assistance to students: health centre, health insurance etc.:** Medical Unit in collaboration with Students Health Home is available at the College and hostel, Psychological Counselling Cell and Equal Opportunity Cell use to organize Psychological Counselling Programmes and Medical Camp for the mental health of students, number Awareness Programmes have been organized for improving health and hygiene of students.
- **Organizing coaching classes for competitive exams :** NIL
- **Skill development (spoken English, computer literacy, etc.)**

Training for the spoken English and computer literacy are provided to the students at the computer centre of this college.

- **Support for “slow learners”**

Tutorial classes are conducted by all the departments for slow learners. Remedial classes help slow learners to cope with their academics.

- **Exposures of students to other institution of higher learning/ corporate/ business house etc.:** Students regularly undertake academic excursions and visit to various institutes of their academic interests.

- **Publication of student magazines:** Annually the College publishes college magazine ‘Disharee’ (Pathfinder) where students of different departments contribute. On the other hand various departments bring out a wall magazine regularly.

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

- Training of Silk Screen Painting by Equal Opportunity Cell

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.

- Students are actively encouraged and supported by their respective departments to participate in various academic, cultural and co-curricular activities for which they do not miss out on the lectures as well as class attendance percentage.
- In Hostel special care is taken regarding food.
- Concerned teachers ensure that no students participating in various activities of the College miss out on class lectures and extra classes are held to meet their losses.
- Moreover students are escorted and guided by college staff to the State-Level competitions held off campus.
- Equal Opportunity Cell makes an effort to raise the level of consciousness about women’s issues through various creative mechanisms like poster making, drama, debate, story writing and the like on women’s issues.
- NSS is dedicated to sensitization of the college students about their social responsibilities by holding various outreach programmes for slum dwellers and BPL people.
- The College makes an effort to organize round the year activities in Intra-College competitions in various categories like singing, recitation, dancing, painting, and various such other activities. The College has a Cultural Committee to organize co-curricular activities. These Committees organize Cultural Programmes on Annual Function which involves student participation from a number of departments. Besides the college also organizes several cultural programme to commemorate or celebrate International Women’s Day, International Vernacular day (*Bhasha Divas*), National Science Day,

National Education Day, *Baishe Shraavan*, *Vanamahotsav* and several others. The teachers are involved with dedication to prepare the students for such competitions.

- Apart from the Annual Sports, which is a regular event held every year with active participation of students; they are provided with different sports equipments to play outdoor and indoor games throughout the year. A Gymnasium will be build up in the college hostel to cater to fitness requirements of the students.

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, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defence, Civil Services, etc.

Year	JAM	NET/SE T	GATE	GRE	TOEFL	SSC	Others
2011-12							
2012-13							
2013-14							
2014-15							
Math							
2011-12							
2012-13							1
2013-14							
2014-15							
Physics							
2011-12	2	4	2			7	
2012-13	1	3	3			2	
2013-14		2	1				
2014-15		1					
2011-12							
2012-13							
2013-14							
2014-15							
Chemistry							
2011-12							
2012-13	1	1	1				
2013-14							
2014-15							
History							

2011-12		1				20/4	
2012-13		3				17/3	
2013-14		2					
2014-15		1					
Bengali							
2011-12		8				20/10	
2012-13		8				25/13	
2013-14		12					
2014-15		10					
Philosophy							
2011-12						5	
2012-13						6	
2013-14		1					
2014-15		2					
Sanskrit							
2011-12						31/15	
2012-13						30/12	
2013-14							
2014-15							
English							
2011-12		3				20/12	
2012-13		1				23/7	
2013-14		6					
2014-15		5					

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

After the class hours, students are counselled, advised and even taught the basic areas following the curriculum. Students are asked to practise and solve the model and sample questions provided by us.

- The college organizes **Career Counselling Programmes** which regularly interacts and brings in industry placement experts for students career counselling.
- There is also the provision of occasional **Psychological Counselling** . Counselling sessions for individual students are organised to help them to cope with stress and challenges of life.
- The **Disciplinary Committee** of the College deals with the erring students and their guardians in a supportive stance so that they can come back to their mainstream life with confidence.

Objectives of the Counselling cell

Modern day life creates tremendous pressure on the mind and body of individuals. Stress-related disorders, trauma and mental set backs are common syndromes that many people suffer in this highly globalized and competitive world. Students being young in mind and body are no exception. In fact they are mostly victims of stress and disorder and are indeed in need of counselling. Gender wise again female students have peculiar psychological problems which in most case they suppress and do not disclose. This has an indirect impact on their behavior and affects their studies. Hooghly Women's College being a pioneer in women's education has taken up the cause of such students. The College has opened up a psychological counselling cell since 2010 to provide psychological help to the students to cope with stress and trauma by certified professional counsellor.

Hooghly Women's College is also aware of its social responsibility and therefore organizes various awareness programmes for students and faculty members with participation from different Universities, College, NGOs and Counselling Centres.

Grievance Redressal Cell

Since 2011 the College Grievance Cell received one grievance and that was regarding the behaviour of teachers of Music department with the students. The grievance was addressed in due time. Student interests were looked into. There are no pending complaints lying idle anymore.

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).

No such structured mechanism is there. However Career Counselling Programmes which include several seminars, interactive sessions helps the students in their placements.

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.

Already stated in 5.1.8 under the sub-heading **Grievance Redressal Cell**.

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

The College has a Disciplinary Committee comprising senior teachers to enquire, and take actions in cases of sexual harassment, if any, in the college. It is to be noted here that no particular case of sexual harassment has yet been reported to the authority. The college authority stands behind every student as a rock to protect them from any kind of unseemly behavior inside/outside the campus. It must be mentioned that Hooghly Women's College is a women's College and therefore instances of sexual harassment are negligible.

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

- The Prospectus makes it very clear that the Institution believes in holistic education and is very seriously committed to its goal of free and healthy thinking.
- As additional precaution the College and the Hostel staff remain very alert and cautious during the time of the admission and the Principal along with the Convenors of different sub-committees under the Teachers' Council address the Freshers at the 'orientation' programme where the liberal and democratic culture of Hooghly Women's College is projected very strongly.
- Moreover, the college has a Disciplinary Committee comprising senior teachers which deals with these kinds of problems, if any. This committee acts in close coordination with the Students' Union and it is to be mentioned that no report of ragging has yet been reported to the College authority.

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

There is Students Aid Fund, which is basically college fund, to help needy students in pursuing their studies. It is a collective fund from the students.

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?

The Hooghly Women's College Alumni Association has deep bond with the college and regularly organize cultural programme and also sometimes collaborates with departments and also the college itself to organize cultural as well as academic events.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%
UG to PG	2011-12 50% 2012-13 52% 2013-14 56% 2014-15 60%
PG to M. Phil.	2011-12 Not intimated to the college by the candidates. 2012-13 -Do- 2013-14 -Do- 2014-15 -Do-
PG to Ph.D.	2011-12 Not intimated to the college by the candidates. 2012-13 -Do- 2013-14 -Do- 2014-15 -Do-
Employed at UG level- Campus selection	No provision for campus selection.
Employed at UG level- other than Campus selection	NIL

The overall trend observed through the data reveals the fact that:

- Majority of the students of Hooghly Women's college, a premier undergraduate college, prefer to pursue higher studies in the form of doing post graduation in different Universities and Institutes.
- Others opt for a job, just after graduation.

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.

Subject	2011-12		2012-13		2013-14		2014-15	
	Success Rate	Completion Rate						
Zoology (Gen)	95%	97%	95%	98%	95%	96%	95%	97%
Sanskrit(Hons.)	99.5%	99%	99.2%	98%	99.5%	99%	99%	99%
Political Science (Hons.)	80%	90%	88.23%	92%	78%	82%	88.23%	92%
Physics (Hons.)	60%	72%	63.3%	70%	65%	75%	83.3%	89%
Philosophy (Hons.)	75%	78%	80%	82%	75%	78%	85%	87%
Music (Hons.)	100%	100%	100%	100%	100%	100%	100%	100%
History (Hons.)	92%	95%	92%	96%	91%	94%	93%	95%
Geography (Hons.)	98%	99%	99%	99%	99.5%	99%	99%	99%
English (Hons.)	90%	92%	95%	97%	78%	83%	90%	92%
Economics (Hons.)	80%	87%	85%	89%	85%	87%	85%	88%
Chemistry (Hons.)	85%	88%	87%	89%	85.7%	87%	85%	89%
Botany (Gen)	95%	96%	95%	97%	96%	97%	97%	98%
Bengali (Hons.)	95%	97%	90%	92%	92%	95%	94%	97%
Mathematics (Hons.)	90%	93%	75%	78%	85%	87%	75%	78%
Microbiology (Hons.)	75%	79%	80%	82%	85%	87%	90%	93%

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

Since Hooghly Women's College has no PG department, there is no opportunity to offer higher level of education.

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

Reasons for drop-out at different stages of their academic career are mainly: early marriage, financial conditions and failure to cope with the syllabus / curriculum.

- In case of early marriage, parents along with the student are counselled and advised to continue and complete their studies so that in future they may gain economic independence.
- College provides financial assistance to needy students through Students' Aid Fund and different scholarships.
- Students who fail to cope up with the syllabus are given extra coaching through tutorials / extra classes.
- Special care is taken of students who are at risk of failure by providing them special tutorial facilities. One-to-one interactions with teachers concerned are held.
- The College offers them readmission facility in the same class.
- Parent-Teacher meetings are held regularly to apprise the parents about their wards' performance.
- The College has a Student Aid Fund to support those students who are at the risk of discontinuing the course to become dropouts. There is also the provision for Tutorial Classes to cater to their academic side too.

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.

Students participate in various co-curricular and extra-curricular activities throughout the year. In addition to their participation and contesting in college Annual cultural function and cultural competition, they also participated in Inter-College Kho-Kho competition, Tug-of-war, drawing, dancing, music, recitation etc. Hooghly Women's College students are adept in balancing and excelling in both the curricular activities and extra-curricular activities. In the present context a bird's eye view of sum of the major events of the cultural and extracurricular calendar of the Institute is being provided.

- The College Foundation Day and the Annual Prize Distribution Ceremony are formally celebrated every year with pomp and splendour every August.
- The College celebrates National Commemorative Days like Independence Day, Republic day, Hiroshima Day, Antiwar Day, International Literacy Day, Sarat Jayanti, Vidyasagar Jayanti, Rabindra Jayanti, Jagadish Chandra Bose Jayanti, Bhopal Day, Vivekananda Jayanti, Netaji Jayanti, International Women's' Day, National Voter's Day, World Health Day, Saraswati Puja, Bano Mahotsav, Teachers' Day with proper respect and solemnity.
- Annual Sports is celebrated with participation of students amounting to 100%.
-

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.

- Tania Mondal (History): Runner-up in the All India Inter-University Table Tennis Tournament held at RTM Nagpur University on January, 2012.
- Tulika Roy (History): Runner-up in the All India Inter-University Table Tennis Tournament held at RTM Nagpur University on January, 2012.
- Sulekha Pal (History): Performed at District Level Yoga competitions in 2012-14.

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?

- For the upkeep of institutional quality, Hooghly Women's College has long been following the system of Feedback forms from the outgoing Third year students and also through social networking. Campus is upgraded on the basis of the feedback from the students, which are confidentially examined by the teachers concerned how they are evaluated by the passed out students on their performances in the classrooms. In case of any improvement and rectifications on the part of any teacher is required, the institutional head takes step as and where necessary. Needless to say, that these feedback reports help a teacher to make amends in her process of career advancement.
- The IQAC is active in the College since the previous NAAC. It meticulously takes note of progress and regress. AQARs are prepared meticulously.
- Any suggestion made at any point of time is given consideration and met to the best of the Institution's non-autonomous scope.

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.

Students are encouraged to write for college magazines and wall magazines and with great enthusiasm they pursue this creative work periodically.

Annually the College publishes college magazine '*Disharee*' (pathfinder). Various departments also publish wall magazines with active participation of their students. The College students make posters during various seminars, workshops and awareness programme.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

- The Students Union is formed through election by the students. The Principal is the President of the Students' Union and there is a Students Union General Secretary. Several committees of the Union work in close association with corresponding Committees formed by the Teachers Council. The most notable point of the union is its

apolitical nature, which encourages a method through which only those having requisite ability to lead from the front are elected from many, by the students. Students' Union Election takes place each year peacefully and democratically without any external interference whatsoever.

- The General Secretary of the Students' Union is an important member of the college Governing Body and shoulders a great deal of responsibility for the advancement and progress of the college by being a party to all the important and major policy making decisions.

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

Various academic and administrative bodies to run the college smoothly and peacefully and have students' representative in some bodies:

- Governing Body:
- Finance Committee:
- Teachers' Council:
- UGC Monitoring Committee:
- Service Book Committee:
- Provident Fund Committee:
- Hostel Committee:
- Admission Committee:
- Routine Committee:
- Examination Committee:
- Cultural Committee:
- Grievance Redressal Cell:
- Career Guidance Cell:
- Minorities Cell:
- Women's Cell:
- Science Cell:
- Students Union:

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

- The Principal and the IQAC Coordinator and the Convener of Alumni Association contact with the members of the Alumni to plan and execute collaborative activities. The Alumni members then get in touch with the relevant Committees for implementation of the events.

- The College networks and collaborates with the Alumni through the College website and social networking sites.
- There is an administrator from among the existing faculty to cater to the upgradation of the website and handle various correspondences.
- In every programme organised by the College the Alumni Association members and ex-teachers of all departments are cordially invited.

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

Nil

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.?

Complying with the motto of the college,

We Enlighten

We Enrich

We Empower

It can certainly be acclaimed that Hooghly Women's College is the pioneering academic institution in women education and progression. It is committed to pursuing excellence alongwith integrity, creativity, co-operation and enthusiasm. The unique strength of the college lies in its ability to integrate learning and development in all its endeavours and activities. Being the first women's college and the sixth academic institution in the district, it has awakened the women of the district and beyond from the very early stage of its commencement and to this day it has continued to play a decisive role to awake and enlighten the women folk of the society, and inculcate A strong and faithful bond of relationship through the dissemination of education.

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

The Institution is ably managed and directed by a close-knit body comprising of the Principal, Governing Body members, senior faculty members and competent nominees from other institutions and mother University, as well as non-teaching staff members and students of the college. To uphold the highest ideals and spirit of the Institution, the IQAC body assists the Principal in formulating its various programmes:

- a) Strategies to be adopted for overall Quality Improvement
- b) Enhancing the overall academic and administrative ambience.
- c) Sponsoring Seminars, Workshops and Conferences
- d) Facilitating Research Projects and Research Activities, use of Audio-Visual Aids by the teachers, Computer Literacy and Accessibility.
- e) Simultaneous running of Infrastructural Developments, Campus Activities, Technological Upgradation and Academic Progression - all housed and controlled by a chain of expert management system.

6.1.3 What is the involvement of the leadership in ensuring:

- The policy statements and action plans for fulfillment of the stated mission: Before taking any policy decision, Principal makes it positive to discuss all the college related issues in

the meetings of Teachers' Council or the IQAC core committee. She encourages active involvement and sharing of opinions and ideas of each member together with her own valuable opinions and suggestions. In this way, through open discussions, democratic atmosphere and ideals are also maintained.

- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan: With the formulations of the policies, the principal takes initiatives to execute the policies framed through the executive bodies.
- Interaction with stakeholders: For an overall qualitative enhancement of the college, the Principal discusses and interacts with the teaching and non-teaching staff members, students and the guardians time to time or whenever need arises. Departments also arrange parent-teacher meetings at the behest of the Principal.
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders: The Principal tries her best to promote quality culture and internalize quality consciousness among all the stakeholders. She pays surprise visits to all departments specially the classrooms to make sure that classes are held as per schedule. She also keeps abreast with the various accounts, documents, papers or circulars from the Government or University end.
- Reinforcing the culture of excellence: In accordance with the policy of NAAC, the college lays emphasis on input factors and efforts to create the necessary physical and mental infrastructure to foster quality and thus promoting culture consciousness.
- Champion organizational change: The advices, suggestions and of course recommendations of the Governing Body are always kept in view. A Grievance Redressal Cell is there to understand the demands of the students and act accordingly. Counseling Cell also meets from time to time to maintain a harmonious co-existence among the college authorial body, teaching and non-teaching staff and stakeholders. The college, through a perfect co-ordination between the Principal and IQAC coordinator and between the faulty members is trying to establish a healthy internal environment to facilitate and evolve an all-round development.

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?

Institutional progression and academic development is constantly monitored, recorded, and even documented from time to time. This is done through active participation and co-ordination of the Principal, Teachers' Council Secretary, IQAC Coordinator, conveners of various committees, senior faculty members, the Librarian, Hostel Super and the Head Clerk. If any lacuna is found in any development procedure or programme, special attention is focused to overcome it.

- 6.1.5 Give details of the academic leadership provided to the faculty by the top management?
- The Secretary of the Teachers' Council, is ably guided by the Principal to prepare the Academic Calendar, which comes into effect at the beginning of every Academic Session. In consultation with all its members, the TCS prepares the list of all committees each headed by a convener.
 - Each department maintains an Academic Record Book which shows the academic report of the students based on Unit Test and Terminal Test Examination.
 - Self-Appraisal Book is also maintained by the teachers. Total number of classes taken by the teachers, class tests taken, tutorials and special classes taken by them are recorded there for the Principal to note and give her comments.
 - The Principal analyses very carefully the feedback forms filled by the students of all the departments regarding their evaluation of teachers, and talks to the concerned teachers with due respect about any poor evaluation report and subsequent ways of rectification.
- 6.1.6 How does the college groom leadership at various levels?
In the absence of the Principal, the senior teachers are entrusted with the responsibility of running the Principal's office. Seniors also head the various academic and administrative committees to run the college. The various academic and cultural programmes that the college organizes speak volumes about the team spirit, co-ordination and organizational skills of the teachers. Junior teachers assist the senior teachers in various committees of the Teachers' Council. While assisting, they also learn from their seniors enabling them to form an apt replacement in the event of absence of the senior teacher.
- 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?
Heads of the Departments in consultation with the other teachers of the Departments, place the demands of their departmental requirements. Teachers of each department jointly take decisions on purchases of the department by informing the Principal. In general, the principal gives the necessary permission, except in the cases of shortage of money in the college account. Departments also place their requirements of grant for books, journals and equipment to the principal. Whenever UGC grant or grant from the State Government is received by the college, the Principal disburses the money to the departments according to their demand.
- 6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.
Principal lays stress on democratic policy making and hence before taking any decision

she discusses the issues with the Teachers' Council Secretary, IQAC Coordinator, Senior Faculty Members, Conveners of various committees, Hostel Super and Librarian.

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?

Yes.

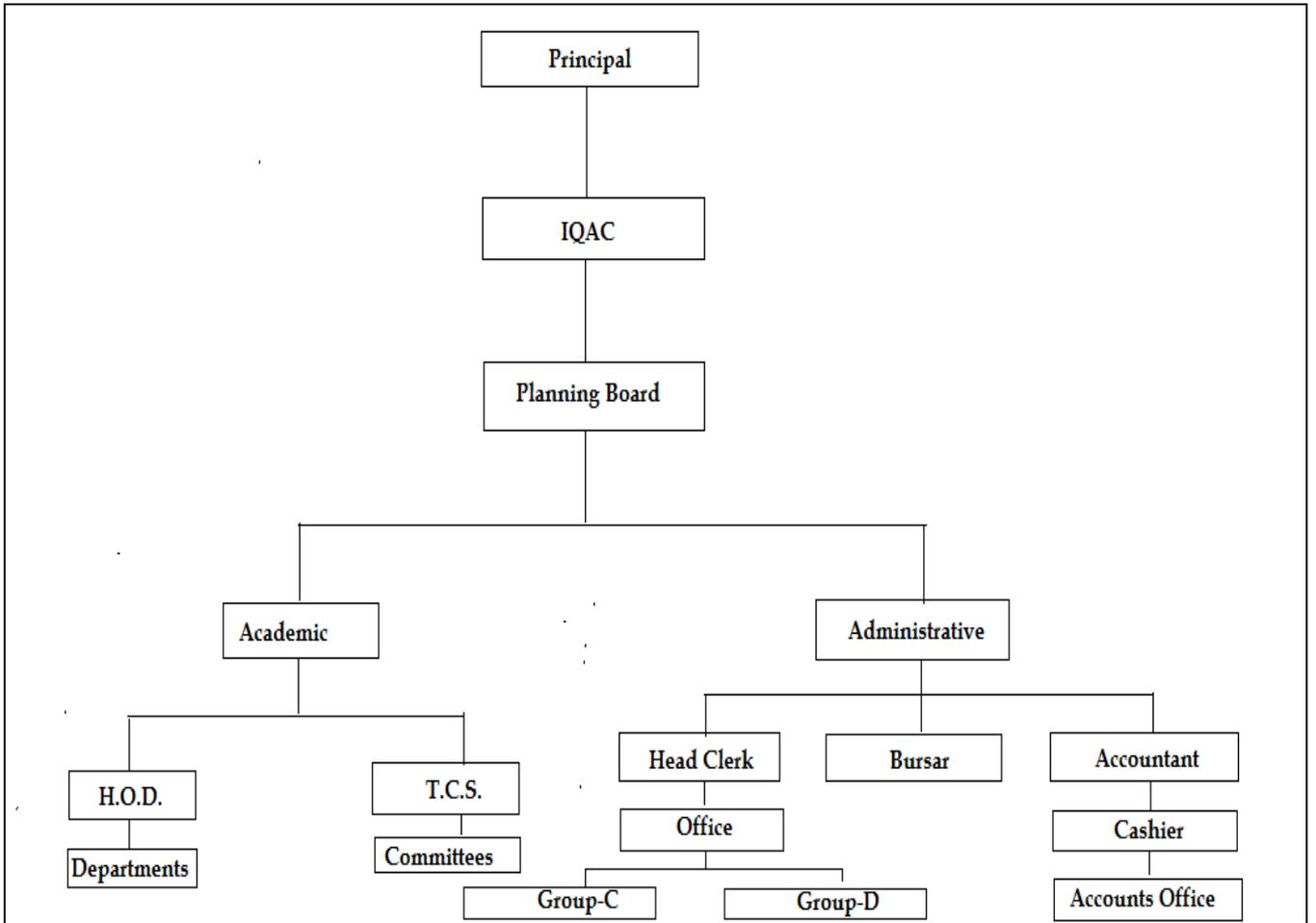
- Every year the Annual Quality Assurance Report is prepared.
- Plan A shows the policy of the preceding year.
- Plan B shows the implementation of the policy
- Plan C shows the policy structure of the forthcoming year.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The perspective plan for development involves the disbursement of UGC and State Government Funds through the Planning Board, Principal and the Bursar. Time to time meeting of the Planning Board ensures the proportionate distribution of funds to each department and the major heads, of course, complying with the UGC stipulated heads 35 and 31.

6.2.3 Describe the internal organizational structure and decision making processes.

The academic and administrative chart revealing the co-ordinated functional machinery is drawn below:



N.B. : H.O.D.: Head of the Department, T.C.S.: Teachers' Council Secretary
 Head Clerk retired w.e.f. , till then the post is vacant.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning:

Teaching Aid	Assessment	Tutorial Classes	Seminar	Workshop
1. Black Board, Chalk and Duster 2. Vinyl Board and Pen 3. Ancient Indian Map used by History department 4. Geographical Maps, Globes and Maps used by the Geography department 5. Overhead Projector, LCD Projector, used the Science departments and Geography department 6. Digital Laboratory, GPS, Remote Sensing, Digital Image Processing, Power Point Presentation in Geography and all the Science departments 7. Audio-visual aids e.g. DVDs and CDs.	1. Unit Tests 2. Terminal Tests	Tutorial Classes are arranged in a regular basis in the Slack Session	Both Science and Arts departments organize funded by U.G.C. or by the college itself.	Workshops are organized funded by the college or departments or by the IQAC.

- Research & Development:

- a) Minor Research Project
- b) Ph.D. Thesis

Department: **Bengali**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sangita Sanyal	Role of snake motif in creativity of Tarashankar	UGC sponsored minor research project (Principal Investigator)	2012- 2013
Dr. Biswajit Karmakar	Manasamangal abong Chandimangal kavye udvider lokachar	UGC sponsored minor research project (Principal Investigator)	

Department: **English**

Name of the faculty	Research topic	Nature of the research	Duration
Prof. Shuvendu Bikash Adhikari	Ambivalence in Kamla Dash's poetry: A corollary of colonial pool and post-colonial resistance	UGC sponsored minor research project (Principal Investigator)	2011-2013

Department: **Philosophy**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Nandita Basu	Global peace – a quest through the spiritual heritage of India	UGC sponsored minor research project (Principal Investigator)	13.04.2014-continuing

Department: **Economics**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sima Banerjee	Impact of MGNREGA in selected villages of Hooghly district, West Bengal	UGC sponsored minor research project (Principal Investigator)	April, 2014-continuing
Dr. Anindita Sengupta	1) Regional empirical input output model: structural analysis of West Bengal economy	UGC sponsored minor research project (Principal Investigator)	April, 2013-October, 2014
	2) Technical Adaptation and survival of jute textile industry – a comparative study of India and Bangladesh	UGC sponsored major research project (one of the two co-investigators)	April, 2013-continuing

Department: **Zoology**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Uttaran Majumdar	Insect deformity due to pollution: Assessment of water pollution using midges (Diptera: Chironomidae) river Damodar	UGC sponsored minor research project (Principal Investigator)	2010-2012

Department: **Chemistry**

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sadhan Pramanick	Synthesis of some fluorescent probe ion sensing quantum dot nanoparticles and study of biological activities	UGC sponsored minor research project	18.03.2014-continuing

Department: **History**

Name of the faculty	Research topic	Nature of the research	Duration
Prof.Chandan Baisya	Maharani Jindan Kaur and the sovereignty of Punjab (1838 – 1849 AD)	Ph. D thesis	2010-continuing

Department: Chemistry

Name of the faculty	Research topic	Nature of the research	Duration
Prof.Satyajit Biswas	Synthesis of natural surfactants and application	Ph. D thesis	2015-continuing

Department: Physics

Name of the faculty	Research topic	Nature of the research	Duration
Prof. Chirantan Hazra	Plasma and solar physics	Ph.D thesis	2014-continuing
Prof. Forkan E Aman	Polymer Electrolyte	Ph.D thesis	2015-continuing

- Community engagement:
 - a) NSS Activity: Students of both Science and Arts departments participate in N.S.S. Activity.
 - b) Research Project on Environment: Research Projects on Environmental topics are carried on by the students of Part III under the guidance of teachers. These topics are selected by the mother university and accordingly arranged and directed by the teachers.
 - c) Students' Aid Fund: the Students' Union in collaboration with the teachers offers financial help to the needy students.
- Human resource management:
 - a) Students: in addition to helping the students learn or offering education in the close-circuit of the university curriculum, the teachers guide them to acquire writing skill, develop speaking power, gain the knack of sports and numerous cultural activities.
 - b) Teachers: Together with academic responsibilities, the teachers also perform other college-related functions through involvement in different committees.

- Industry interaction

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 filled-in feedback forms of the outgoing final year UG students clearly indicate the performance of all the teachers of the respective departments, including the Part-time, Contractual and Guest Teachers. Interactions between teachers and parents in the Parent-Teachers' Meeting are recorded in Departmental Record Books.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

There are regular meetings at all levels, not only to frame policies but also to implement them and monitor feedback on the outcome of the implementations attendance is compulsory for all concerned, in these meetings.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The Governing Body of the college meets as is required. The resolutions made in these meetings are meticulously recorded in the minutes' book kept in the Principal's Office. Each member of the college gives his or her earnest efforts to implement the objectives of the resolutions.

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 controlling string of the institution is held by two heads: (1) Higher Education Directorate of the Government of West Bengal for administrative purpose. (2) The University of Burdwan for Academic Purpose. The Directorate does not give any power to the college to apply for autonomy.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

There is a Grievance Cell in the college with a few teachers as its members. A complaint box is kept in the Library where the teachers, students as well as non-

teaching staff may drop letters or notes of complaint. The box is often checked or opened and sought to be resolved as early as possible.

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?

Bijeta Sinha case.

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?

- IQAC members analyze the filled-in feedback forms of the students and place the report to the Principal annually. Principal, according to the report talks with the departments either collectively or individually regarding their weaknesses and strengths in the eyes of students and gives them necessary suggestions to improve. In the year, 2014-15, on the basis of the feedbacks of the students, the principal suggested the teachers to be present regularly in the first and last classes without fail, so that students do not wait for them in classrooms during those early and late hours.
- For the Campus and the Office-Staff, necessary steps are taken if the Principal finds any slackness in their duties.
- Apart from the feedback forms, there is a grievance box in which students and teachers as well as non-teaching staff, put in their grievances which are given due attention.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

- The Principal grants duty leave to the faculty members for participating in Orientation Programmes, Refresher Courses, Seminars, Conferences and Workshops held for training purposes.
- The Librarian attended an Orientation Programme and a Refresher Course in the subject: Advances in Organization and Control of Information.

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?

The college permitted two teachers to participate in a programme organized by the National Institute of Public Co-operation and Child Development, Guwahati on

‘Sensitisation Training on Protection of Women Against Domestic Violence’ for college teachers.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- Self-Appraisal books issued by the Principal’s Office are carefully maintained by the faculty members. It keeps a record month-wise of the faculties in respect of their attendance hours of work, number of classes taken, number of leaves taken and the nature of leave as well as other multiple activities performed. The Principal reviews these books at the end of each month.
- Departmental level meetings and closed door meetings with the Principal are held whenever required to regulate discharge of allocated duties and responsibilities of faculty.
- Office staff and non-teaching staff members along with the head-clerk are also called by the Principal to discuss the non-academic matters but very vital issues concerning the institution.

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 Principal and the faculty members share a very positive relationship. On rare occasion the need for appraisal arises. Even if it does so, it is resolved by healthy and amicable discussions.

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?

College Co-operative:

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- Though the Principal is not the appointing authority, within her limited capacity, she gives her earnest efforts to invite eminent scholars, enlightened educationists, social activists and best speakers in their respected fields, to give maximum exposure to students.
- The college uses all possible avenues to apply for grants to which it is entitled in the 2(f) and 12(b) category to promote research. The college has improved its infrastructural facilities in all the departments to create an environment suitable for proper teaching-learning and research. At the institutional level, educational tours are also permitted as per the university curriculum. This has inspired the

prospective candidates with very good academic record to choose it as work-place during the counseling conducted by the West Bengal College Service Commission for the selected candidates for the posts of Assistant Professors in different subjects. The existing teachers have also improved their teaching methods and research works in the recent years.

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?

- There are established procedures and processes for planning and allocation of financial resources. The institution has developed strategies for mobilizing resources and ensures transparency in financial management of the institution. The income and expenditure of the institution are subjected to regular internal and external audit. (As the posts of accountant and head-clerk of the college have been vacant for a few years, external audit is not yet up-to-date. However, we have completed our internal audit and the process of completion of the external one is going on.)
- Regular and prompt fund dispensation meetings are called by the Planning Board, IQAC or UGC Monitoring Committee.
- Principal meets with the heads of different departments and the bursar for allocation of funds.
- Internal funds are managed by the bursar.
- Audit and utilization certificates of external grants like UGC are done regularly.
- In the seminars or projects, the responsibility of fund account lies with the heads of the concerned departments.
- There has been full computerization of salary, arrear and fees collection in the college.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The institutional mechanism of audit comprises of Principal, Bursar, Accountant and Cashier of the college alongwith the Government approved auditor. Institutional mechanism for internal audit process started from the financial year 2010-11 through TALLY system software. Final audit report alongwith observation if any is submitted by the Government approved auditor upto the financial year 2009-10. No major objection is mentioned in the audit report for the financial year 2009-10 by the Government Auditor. Since the Accountant of the college retired in 2007 and the Head Clerk retired in 2013 and these posts remained vacant till

December 2015, the college could not be able to complete the audit for the post 2009-10 financial years. However, new Accountant and Clerk have joined the college in December 2015 and they are sincerely trying to complete and clear the backlog of the audit system.

- 6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The major sources of Institutional receipts are :

- i. Admission and Tuition fees of the students
- ii. Development Grant from the State Government
- iii. Grants from UGC

Apart from these, the college receives grants from the Government of West Bengal for payment of Salaries and Arrears to its staff.

- 6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

In order to meet the expenses for construction of new building, repair and renovation, the college applies to both UGC and Government funds. The college also seeks assistance from MPLAD fund.

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)? .6
If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes. The Institutional Policy remains the emancipated and empowerment of women from socially varied and even challenged background and providing a platform to develop and sustain excellence.

-
- 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 has been functioning since 2007. Since then, it has met thrice a year to frame policies.
- c. Does the IQAC have external members on its committee?

If so, mention any significant contribution made by them.

The functioning unit of the IQAC of the institution comprises of a standing committee with the Principal and the senior members. In addition, as per UGC guidelines external invited members are always part of the IQAC:

i) Dr. Mohanlal Ghosh: He was the IQAC co-ordinator of B.N. Mahavidyalaya, Itachuna. He has been nominated as the external advisor of Quality Management in the IQAC body of the Institution.

ii) Mr. Moni Dutta: He is a local industrialist.

Valuable suggestions and advises of these external members serve as guiding sources to the activities of IQAC.

d. How do students and alumni contribute to the effective functioning of the IQAC?

- IQAC collects feedback from the students regarding the performances of the teachers every year.
- It also arranges meeting with the parents and in those meetings takes feedback and suggestion from them regarding the performance of the college.
- There is one Alumni Association in the college, which meets with the IQAC every year. In this occasion also IQAC collects feedback from alumni and takes suggestions from them regarding the performance of the college.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC sends notices to the internal staff and sends invitation to the external members for different activities.

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. Please refer to the answers 6.2.1 and 6.2.2 given earlier.

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.

There is no scope for such training programmes as the institution is not autonomous. However, the college sends its IQAC co-ordinator or other senior members to workshops and seminars on quality enhancement or NAAC related programmes held in the University or in other colleges in collaboration with the University. The idea is to learn and disseminate and to showcase the achievements of the college especially its Best Practices.

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?

- In the Governing Body Meetings of the college, deliberations on new courses, need for extra Guest Lecturers to meet the increased number of classes or change in syllabus, students progression are conducted leading to policy framing and necessary modifications at IQAC level.
- The record of classes allotted and actually taken by individual teachers is compiled by the Principal from the self-Appraisal of monthly performance submitted by the faculty members.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

- Hooghly Women's College is affiliated with the University of Burdwan which has its own parameters for academic and related quality factors to which the internal quality assurance mechanism refer to determine holistic parameters.
- The Internal Quality Assurance mechanism not only includes IQAC but also the teachers as a community.
- The college also pursues a system of (a) Transparent Democratic Admission (b) A healthy environment is ensured by all units of internal quality mechanism (c) Circulars from the UGC are given due importance and brought to the knowledge of all concerned staff members (d) Bridging between academics and progressive opportunities are given attention by IQAC through Women's Cell, Equal Opportunity Centre and NSS activities (e) Outside the periphery of academic curriculum, IQAC through its varied programmes and assistance to different committees tries to promote value-based awareness, so that students develop sense of social and economic justice and integrity of character.

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?

- Departmental and General Meetings are conducted.
- There is a system of internal assessment like the unit tests and terminal tests.
- There are tutorial classes in the slack session.
- Student oriented seminars, interactive session in classes and wall magazine presentation are parts of the regular academic programme.
- The student feedback forms as already mentioned also helps in assessment of teaching-learning.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- Student Counselling
- Mandatory distribution of prospectus.
- Regularly updated college website.
- Notification in print and electronic media.
- In specific cases, notification is made particularly for the external stakeholders.

6.5.8. Any other relevant information regarding Governance Leadership and Management which the college would like to include.

- Hooghly Women's College can certainly claim to be a well-organized and fully disciplined institution with a definite and positive objective behind each of its activities.
- A strict and well-performed routine structure ties the whole academic structure into a well-defined bond with simultaneous running of other varied activities.
- Tests are held on schedule and results published on the announced date. Dates are of course decided in the Teachers' Council meeting presided over by the Principal.
- The campus remains disciplined under the supervision of teaching staff and with the co-operation of the Students' Union allowing freedom of creativity and expression but permitting no excesses.
- The hostel is well-managed with a very organized fooding and lodging facility. Its smooth running leaves the students free from mundane concerns, so that they can fully concentrate on the pursuit of learning and career plans. The menu and quality of food are strictly maintained, selection being made in consultation with the boarders and the Hostel Super and Assistant-Super.
- For a stream lined administration, the Principal has to maintain contact with the University of Burdwan and Higher Education Council, West Bengal.
- Academic Calendars prepared by the Principal and her team comprising of a few teaching and non-teaching staff are distributed to the students as well as to the faculty at the onset of the New Session. All important notices are also displayed in the Students' Notice Boards as well as Teachers' Notice Book.
- There are the Registers in which the teachers themselves mention the nature of regular and extra-ordinary duties and note the time committed thereby. The meetings chaired by conveners outside the Principal's Chamber are also minuted.
- The major events, the College Foundation Day, College Social, Prize-Distribution, cater to a large number of invited guests and participants. The faculty and the students organize and manage these events whole-heartedly and give their earnest efforts to maintain the dignity and sanctity of these auspicious occasions.
- The Independence Day and Republic Day are officially observed in te college with the Principal hoisting the National-Flag.

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?

- * Hooghly Women's College has a sprawling campus of 3.70 acres with lush green cover spread across it, giving the College a vibrant note and a eco - friendly atmosphere. The beautification committee of the College at the behest of the Principal, holds meeting from time to time concerning the maintenance of the garden features and preservation of varieties of plant species scattered throughout the campus area.
- * There is a concrete path from main gate to the main building with rows of small plants running by the two sides of the path.
- * Not only that we have a garden of different flowers and season flowers, the campus spreads its green hue through multifarious trees, bushes and shrubs. In this connection, it deserves to be mentioned that during the months of spring, the blossoming red Goloncho trees overlooking the pond is really a feast for the eyes.
- * Altogether there are three ponds where fishes are cultured.
- * The campus is strewn with rare varieties of plants which are preserved with great care. Counting and identification is done every year with the help of Ethno medicinal plants consultant Dr. Subrata Maity.
- * The Medicinal plant garden is also preserved with great care. This garden is regularly maintained by the Botany Department and expert advice, identification and labeling is assisted by Dr. Subrata Maity.
- * This verdant campus is also a favorite haven of different types of birds and butterflies. Butterflies are very specific in their choice of food-plants and plants on which they lay eggs. Absence of specific plants will cause that particular species of the butterfly to disappear. Keeping this in mind, various indigenous and wild plants are kept intact and untouched to maintain the habitat.
- * Every year in July, the College observes the 'Forestry Week' by planting saplings. On this occasion, new plants are planted by the students and teachers as well as by the Principal, Mass scale involvement of the students and teachers makes the programme highly successful.
- * Certain safety norms are followed by the Chemistry Department to protect the environment from hazardous pollutants that are commonly produced in the laboratories during regular practical classes, both Honours and General.
- * No student is allowed to carry out chemical experiments without Lab-Coats.
- * For using Chemical with hazardous smell, we (the students, teachers and Laboratory Assistants) use mask and hand gloves.

- * Students and Teachers wear hand gloves for using toxic Chemicals.
 - * There is one lab attendant with the teacher in every practical session.
 - * There are exhaust fans in the laboratories of the Department which run during the practical session.
 - * Department uses the fume - hoods for using highly toxic and explosive Chemicals. As for example, the bottles of concentrated acids are stored in the fume - hoods.
 - * General safety rules of Chemical laboratories are written and pasted on the walls of the laboratories.
- The Chemistry practical syllabus (for both Honours and General courses) of the Burdwan University has been redesigned in such a way that the use of highly toxic, explosive and carcinogenic Chemicals can be avoided as far as possible.
 - Fire extinguishers are installed in the labs for emergency. For disposal of waste in the laboratories the following steps are taken:
 - ❖ The Department of Chemistry uses a separate waste container for broken glass apparatus. Before disposing them, they are crushed thoroughly. The Department is planning to buy a crusher for the broken glass items.
 - ❖ Department of Chemistry uses separate containers for solid and liquid waste. Later these are disposed in the municipality vat.
 - ❖ There is a fixed area behind the Collage campus which is used for disposing Chemical waste.
 - ❖ Department of Microbiology, Zoology and Nutrition are also following some strategy to manage hazardous waste. They are aware of the matter that the waste material exerted from their laboratories should not mix with the nature without proper management. In view of such objectives, those departments have taken following measures.
 - ❖ College has made a dumping zone in an isolated place for chemical and biological waste.
 - ❖ Animals or Insects after experiment are buried in the backyard or dumping zone.
 - ❖ Department of Microbiology discards the cultured stuff after a process called autoclave by which almost all bacteria are disinfected.
 - ❖ Twice or thrice a week laboratories are cleaned.
 - ❖ Dumping pits are also checked and cleaned regularly.





7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

Every possible effort is undertaken to ensure an eco-friendly campus decked with large trees, bushy shrubs and of grassy green patches scattered throughout the campus area. Small plants, shrubs, creepers and climbing plants present a lustrous green appearance to the College campus.

The College campus is strictly maintained as a polythene free zone. Use of polythene bags, cups and plates are restricted in the entire campus including the canteen and departments and use of paper plates and paper cups are encouraged. Permanent boards are displayed to alert and make aware the students that our campus is 'plastic - free zone'.

Energy Conservation: one of the promising and virtually inexhaustible sources of energy is the Sun. solar energy can be used to produce electricity with the help of photovoltaic cells or solar cells. Although each cell produces only a small amount of electricity, the cells, when linked together into solar array can meet larger requirements. Sun is an extremely clean energy source which produces neither any air pollution nor any hazardous waste. The solar energy can also be

used for outdoor lighting of our campus. Hooghly Women's College has planned to set up solar panels on the roof-tops of the buildings in the main campus as well as in the hostel campus. We have already applied for the solar system and very soon to be installed. Energy conservation is ascertained also in the following manner:

- ❖ Lights are turned off when students are not around and classes are usually held with the help of sunlight as much as available in the classroom.
- ❖ Fans are turned off when the rooms are unoccupied.
- ❖ Printers, copiers are turned off at the end of the day as also desk lamps when not in use.
- ❖ Sleep mode on computers and monitors are activated.
- ❖ Equipments are checked regularly for proper operation and maintenance needs.
- ❖ Use of renewable energy-solar light in the college campus.

Carbon neutrality:

- I. Plantation of trees and maintenance of adequate greenery in the College campus. Green plants are instrumental in consuming carbon - dioxide (mainly released as an automobile exhaust and also during exhalation) and releasing oxygen which is vital for respiration.
- II. All cars parked inside the College pertain to anti-pollution standards. This minimizes the release of carbon - dioxide and carbon monoxide, the key ingredients of automobile waste.

E - Waste Management :

We keep e-waste materials like old and obsolete computers, printers, Xerox machines etc. in a separate storage room as we cannot destroy them.



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.

- Students are made aware of humanitarian issues through awareness programmes by the NSS unit.
- Teachers, students and non-teaching staff have set examples of raising funds in order to help the non-teaching staff of the college in their hard times.
- Computerized fees collection by Bank on a fixed date and it is done on yearly basis. Smart attitude, faster method, less burden for the students and that ultimately results in higher collection.
- Admission is totally on-line. As a result there is very little margin for academic or financial error.
- Digitization of rare manuscripts is being considered on a larger scale.
- A generator is in place to ensure uninterrupted power supply during events and examinations.
- The women cell imparted various information relating to different aspects of gender relations, health and hygiene, legal constitutional rights and has provided scope for exchange of ideas to aspiring young women and has inspired to hold the conviction of a moral responsibility towards the cause of women, their dignity and their honour. For example, programme on
 - ✓ Incidents of female infanticide
 - ✓ Career counselling
 - ✓ Female health awareness
 - ✓ First aid training camp
 - ✓ Personality development
 - ✓ Psychological counselling.



- To teach the students in a more illustrative and comprehensive way, teachers of most Science Departments use LCD projector in the class room.
- Students are given internet access for using e-library under the supervision of the librarian.
- Almost every department publishes Bi-Annual Wall Magazine on the current topics of the respective year.
- Different departments from time to time organize seminars, workshops in which students are encouraged to take leading roles.
- Students design interesting experiments, power point presentation and outlay posters under the guidance of the teachers.
- Just like the Science departments, the Department of English has an audiovisual unit for its students to make teaching-learning more interesting.
- Under Graduate students are encouraged to do projects which help in original research work.

- An e-library is being set up for students to get access to books that are at times unavailable in the market or too expensive to buy. It also ensures quick access to the book(s) needed.
- We have a digital class room and a Language lab for the audio-visual language learning class.
- Students receive financial aid from the student aid fund. The College also motivates the students through many awards and prizes on the basis of their performance. All round development of students is encouraged.
- The Political Science department also arranges for Mock Parliament Programmes and equally participates in these types of programmes arranged by the other colleges in the State level. This programme becomes a test of their presentation skill as well as an awareness and knowledge about the parliament proceedings of the Country.
- Tutorial classes are arranged for the slow learners so that they can keep pace with others.
- Proposal for remedial classes has been sent to the UGC for betterment of SC/ST/OBC reserved category students. Many students of these categories are first generation learners. Remedial classes would give them a boost to further their learning objectives.
- The College also has a computer centre (under the technical assistance of the Institute of Computer Engineers) where computer courses are offered to students through DOEACC 'O' Level/GDCA and 'CCC' course. The students of Hooghly Women's College get special concession in the course fee.

7.3 BEST PRACTICES

Best Practice I:

1. **Title of the Practice:**

Organising seminars/programmes on the great personalities of the nation.

2. **Goal:**

The main objective is to inculcate a sense of deep insight, awareness and forthrightness amongst the new upcoming generation by drawing inspiration from the great personalities who have in their own way affected a change in the course of history. It is our objective to make the pupils of our institution to know and look at some of these iconic personalities and their path-breaking ideas which paved the way for a new world. As advocates of perfect vision, let our students draw from them noble inspiration, deep human commitment and wide space of love and responsibility encompassing all, ignoring the narrow differences of caste, creed or colour or even of status.

3. **The Context:**

In this Age of technological flux, India seems to be passing through a crucial transitional phase. In education, professional opportunities, communication, media and in lifestyle, we witness a radical change. Basic human values are also undergoing a sea-change. The lure of money and comfort is causing brain drain which is really alarming. Here lies the responsibility of the institution to make our students explore, realize and understand the rich legacy left behind by our great visionaries and hence be encouraged to carry it forward.

4. **The Practice:**

In Hooghly Women's College, seminars are held occasionally to commemorate the great figures of our Nation reflecting upon a wide range of themes of abiding values, human and national concerns.

- ❖ Hooghly Women's College arranged a seminar on 12.09.2011 on 'the Philosophy of Sri Aurobindo'. The Speaker, Dr. Sunil Kumar Roy, of Burdwan University spoke on Sri Aurobindo's vision of life. Man's search for pure truth and unmixed bliss is the secret of immortality. Sri Aurobindo could rightly foresee the world of unrest today- a world where humanity is satiated but not satisfied by victorious analysis of the externalities of nature.
- ❖ The institution also commemorated the 150th Birth Anniversary of Kadambini Ganguly, the first woman graduate and the first Indian Lady Doctor, on 1st August, 2012. She was awarded the prestigious GBMC- Graduate of Bengal Medical College. Informative and enlightening lecture was delivered by Dr. Sayed Tanveer Nasrin, professor of Burdwan University and coordinator of Women's Studies Centre of the same University. Dr. Tanveer very aptly traced the uneven path through which Kadambini Ganguly had to tread. She was as if the very image of the Indian woman caught between an age-old native tradition and an unavoidable exotic influence, her world and problems, her freedom and the risks involved. But the reward to her immense struggle ultimately arrived and liberation achieved through her wish fulfillment.
- ❖ On 16.09.2013, a seminar was held on the topic 'Practical Vedanta of Swami Vivekananda' to pay homage on his 150th Birth Anniversary. Professor of Burdwan University, Dr. Mridula Bhattacharyya spoke on the great Swami who played a major role in the spiritual enlightenment of the India masses. Dr. Bhattacharyya said about him as the living embodiment of sacrifice who dedicated his life for the country and yearned for the progress of the poor, the helpless and the downtrodden.
- ❖ To commemorate the 139th Birth Anniversary of Sardar Vallabhbhai Patel, 'Rashtriya Ekta Divas' was celebrated on 31st October, 2014. Honourable Prime Minister declared this day as the National Unity Day. The programme the day started with the procession of the teachers, students and non-teaching staff from the college campus to the nearby HIT College. In the college, Sardar Patel's portrait was garlanded with great respect. Distinguished persons present in the occasion were Mr. Gouri Kanta Mukherjee, Chairman Hooghly Chinsurah Municipality and President, Governing Body of the college. Ex-profesor, Nandadulal Banerjee, DPI Nominee and whole host of teaching, non-teaching staff together with the huge number of students. The distinguished persons present, the convener of the programme, Prof. Mongola Ghosh Roy and other teachers paid tribute to the Iron Man of India through their speeches. Then followed panel discussion, debate and Quiz in which also there was a wide participation. The programme aptly conveyed the message of unity, safety and security.

As directed by the UGC, a report on the observance of 'Rashtriya Ekta Divas' was sent to the UGC Chairman, Prof. Ved Prakash, New Delhi, Eastern Regional UGC Office, Kolkata as well as copy sent to Honourable Vice-Chancellor and Registrar- the University of Burdwan.

These programmes give the students the required exposure - over and above classroom study-to a range of issues, which have both direct reference to current social, political and ideological questions and remind them of their invaluable heritage.

5. Evidence of Success:

The enthusiastic participation of the pupils prove their pride and reverence to the rich legacy left behind by the great personalities. We are confident to hope that the messages

delivered by our luminaries would continue to captivate and inspire the mind and heart of our new generation so that they may succeed in turning whatever dross exists into gold.

6. Problems Encountered and Resources Required:

In this ever-changing tech-savvy world, it is really difficult to acquaint students with their rich historical or cultural heritage. The college strives to inculcate the fast disappearing moral values of compassion, humility, industriousness and tolerance in our pupils' minds so that they become better human beings in the truest sense of the term.

We require an active participation from the student community, a fully equipped seminar hall with audio-visual aids and trained personnel for handling the audio-visual equipments and more generous allocation of funds.

Best Practice II:

1. Title of the Practice:

Survey work on unpaid care work by women in the surrounding areas.

2. Goal:

A comprehensive notion of economic empowerment of women comprises both the market economy where women participate in the labour market and the care economy, where women bear the burden of sustaining and nurturing the market economy. When care work is carried out in the person's own home, it is unpaid and therefore it is not reflected in National Statistics or Economic Analysis despite its significance to our everyday wellbeing. However, remembering the enormous contribution of women's unpaid care work to the wellbeing of the society, it is very much essential to throw light on this shadowed problem. By this, it would also be easier for the Government to frame proper social and economic policies that can reduce women's primary responsibility for unpaid care work.

3. The Context: Time use survey done by the students of Hooghly Women's College with special assistance from Professors of Economics department throw light on the paid and unpaid work of men and women and estimates the contribution of unpaid work to human wellbeing. This survey was an attempt to figure out the labour force participation of women, their time use pattern and the type of domestic activities in which they are mainly involved and thus to find out the monetary value of these activities. Survey was done on 50 households from Hooghly Chinsurah Municipality. Students collected information on how people spent 24X6 hours of 6 working days, Sunday being excluded since it is a holiday which does not follow the normal working routine of the members of the household. In this study, students have tried to compute the monetary value of such unpaid household care activities done by the women members. The study revealed that more than 70% of female members and slightly more than 50% of male members have spent longer hours on unpaid household care works. Average work time of women is higher than that of men and average time for leisure and personal care for women is lower than that of men. It is also noticed that women have spent much lower share of total time on paid work than their men counterparts, whereas, share of total time spent on unpaid care work by women is much higher than their men counterparts.

4. The Practice: Analysis of economic empowerment of women cannot be inclusive if the focus is entirely on women participating in the labour force, and not on a wider

understanding of economic empowerment. A comprehensive notion of economic empowerment of women comprises both the market economy where women participate in the labour market, and the care economy, where women bear the burden of sustaining and nurturing the market economy. When care work is carried out in the person's own home, it is unpaid and therefore, it is not reflected in national statistics or economic analyses, despite its significance to our everyday wellbeing. Unpaid care work refers to all sorts of care work done in the home for the members of the household, e.g. preparing food, shopping food items and apparels, collecting firewood and water, taking care of children, the ill and the elderly. According to the prevailing gender norms, in all societies, women undertake the responsibility of the unpaid care work required to sustain the households. Being unpaid, this work is supposed to be less valuable than paid work. It is ignored and not considered to be "work" by men who benefit directly from it and even by women who engage themselves in it.

There is a strong and inverse relationship between the amount of time that women spend on unpaid care work and their economic empowerment. The burden of unpaid care work hinders women from seeking employment and income, which in turn holds them back economically and, therefore, obstructs their economic empowerment. Furthermore, the hard work that is often involved in carrying out domestic responsibilities impacts negatively on the health and wellbeing of women, further compromising their ability to participate in economic, social and political spheres. An increase in their household responsibilities, either through marriage or childbearing, forces many women either to withdraw themselves from the labour market; or to find more flexible, part-time jobs; or to enter into self-employment that offers more flexible time management. Even when their children no longer require childcare, women frequently face hardships to enter into the labour force due to obligations to care for elderly or sick relatives at home. There is a common belief that women from affluent households are more likely to be in formal sector jobs, and can afford to pay for childcare, whereas, poorer women often have to care for children, sick and elderly relatives by themselves. But, in the typical Indian society, this is not always true. Richer families often restrict women members to enter into the paid job market in the name of their tradition and prestige, whereas women from poorer families are forced to enter into the job market to earn money for sustaining their livelihoods. Women often end up in home-based work in order to maintain the balance between their household responsibilities and income earning. However, research has found that working at home while performing household chores negatively affects the productivity of women. Women working at home are able to do less work than women working in formal or informal paid jobs. Women working at home are even less likely to get assistance for their unpaid care work from other members of their family, as they are perceived to be at home and their unpaid work is considered to be primary work, whereas their paid work is considered to be supplementary work. In the Indian society, a woman who is engaged in paid work, within or outside the household premises, faces the double burden of working hours, since her paid working hours

reduce her leisure time, whereas her unpaid care working hours do not decline. Since unpaid care work is invisible in national statistics and less valued than the paid work, government generally fails to frame proper social and economic policies that can reduce women's primary responsibility for unpaid care work.

- Evidence of Success:** The following results from primary data provide evidence of the survey done by the students of the college.

Table 1: Share of total time spent on unpaid household care work by female and male members

Share of total time spent on unpaid household care work		
	10% or more of total available time	Less than 10 % of total available time
Percentage of women	70.9	29.1
Percentage of men	53.3	46.7

Source: Primary survey done by the students.

Table 1 shows that 70.9 per cent of all women members spent 10 per cent or more of total time on unpaid household care work, whereas, remaining 29.1 per cent spent less than 10 per cent of total time on such work. On the other hand, 53.3 per cent of all men members spent 10 per cent or more of total time on unpaid household care work, whereas, remaining 46.7 per cent spent less than 10 per cent of total time on such work. This observation clearly indicates that majority of women members have spent larger share of total time on unpaid household care works, whereas around 50 per cent of men members have spent longer hours on such works.

Table 2: Time spent on paid and unpaid work in last 6 working days by female and male members

	Average working hour	Average leisure and personal care hour	Share of time spent on paid work (%)	Share of time spent on unpaid household care work (%)	Share of time spent on unpaid social work and studies (%)	Share of time spent on leisure and personal Care (%)
Rural male	63	81	22.1	9.0	12.4	56.4
Rural female	79	65	14.3	27.9	13.0	44.8
Urban male	73	71	32.3	7.5	11.1	49.1
Urban female	74	70	10.8	26.5	13.9	48.7

Source: Primary survey done by the students.

Table 2 shows that average time spent on paid and unpaid work by female and male members of our sample. It shows there is no significant difference in average work-time on unpaid family care activities by women due to difference in their educational qualifications. Furthermore, we

have found no significant difference between average work-time of employed and unemployed women on household care activities. As household size increases, average work-time of women on unpaid household care work increases, although finally it declines for households with large family-size.

The results thus indicate that women with secondary education level qualification have generated maximum value of unpaid care work, whereas women with only literacy level qualification have generated minimum value of unpaid care work.

6. **Problems Encountered and Resources Required:** Difficulties encountered in convincing the respondents of different households, specially, the women folk, about the utility of doing this survey work. Almost everybody was of the opinion and asked the obvious question that will there be any improvement in their economic condition through their participation in the survey work.

7. **Notes:** Nil



Time Use Survey Done by the Students of Hooghly Women's College

8. Contact Details:

Name of Principal: Dr. Sima Banerjee

Name of the Institution: Hooghly Women’s College

City: Hooghly

Pin Code: 712103

Accredited Status: B++ in 2007

Work Phone: 033-26802335, 033-26805033

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Website: www.hooghlywomenscollege.org

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Glimpses of NSS Activities in Hooghly Women’s College



EVALUATIVE REPORTS OF THE DEPARTMENTS



Professor Sima Banerjee

M.A., Ph.D.(Jadavpur University)

Principal, Hooghly Women's College

Published Papers in Journals

1. Operational Holding Concentration in India- Changing Pattern, in Journal of Interacademia, Vol.10,No.2 April,2006, ISSN No.-0971-9016
2. Productivity Growth in the Cement Industry, in Productivity, Vol. 47,No.1-2 April-Sept 2006, ISSN No.-0032-9924
3. Issues of Concentration and Convergence in Indian Cement Industry, in Indian Journal of Regional Science, Vol.39,No.2 Dec2007, ISSN No.-0046-9017
4. Profitability Trend in Indian Cement Industry, in Economic Affairs, Vol.60,No.1 2015, ISSN No.-0424-2513
5. Impact of Micro-credit on the Agrarian Economy-A Case Study in Hooghly District of West Bengal, India, in International Journal of Social Science, New Delhi, Vol.3,No.1 March 2014, ISSN NO. 22496637

Books published as single author

1. Cement Industry in India -An Economic Review Pre and Post Liberalization, published by Sahitya Sree , 73,Mahtma Gandhi Road Kolkata-700009, August,2013, ISBN No.:81-86386-53-0

Evaluative Report of the Department of Bengali

1. Name of the department: Bengali.
2. Year of Establishment: Honours- 1950
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) U.G.
6. Participation of the department in the courses offered by other departments: Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. N.A
8. Details of courses/programmes discontinued (if any) with reasons: N.A
9. Number of Teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors	4	3
Asst. Professors	4	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Nandini Mukhopadhyaya	M.A. Ph.D	Associate Professor	Rabindra Sahitya	28	Nil
Dr. Swapna Das	M.A. Ph.D	Assistant Professor	Kathasahitya	14	Nil
Dr. Sangita Sanyal	M.A.Ph.D, B.ed	Assistant Professor	Comparative Literature	14	Nil
Dr. Biswajit Karmakar	M.A. Ph.D	Assistant Professor	Fiction	11	Nil

11. List of senior visiting faculty: N.A
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil
13. Student -Teacher Ratio (programme wise) (2015-16) 35: 1
(2014-15) 30.1 :1
(2013-14) 30.1:1
(2013-14) 30.1:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A.
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. - PG.:
M.A. Ph.D - 4 (All Teachers).
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: N.A.
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students -6 (international)
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor

* h-index

Name of the Faculty *	No. of papers Nat/Int	Books Edited	Books with ISSN/ ISBN No.	Book chapter without ISSN/ISBN	Book chapter with ISSN/ISBN
Dr. Nandini Mukhopadhyaya				01	
Dr. Swapna Das	03				08
Dr.Sangita Sanyal	03		01		12
Dr.Biswajit Karmakar	04	03	03	43	07

* See details in the Annexure of the department.

20. Areas of consultancy and income generated

Dr. Sangita Sanyal

- (1) Examiner of WBCS Exam 2014
- (2) Observer of SSC 2015.
- (3) Resource person in Book fair 2015

Dr. Biswajit Karmakar

- (1) Academic Counsellor M.A. in Bengali Course (D.O.D.L) Kalyani University.
- (2) U.G.C. Sponsored programme for Entry into service in Kancharapara College.
- (3) Resource person in Shree Agrasen Mahavidyalaya 2014
- (4) Resource person in Shantipur College 2015
- (5) Resource person in Gobardanga Hindu College 2010
- (6) Observer for the M.A.in Kalyani University (D.O.D.L) part-II, M.A, 2014
- (7) Lokadalat, Judge, Bongaon Court 2014

21. Faculty as member :

Dr. Biswajit Karmakar

- a) National committees- i) Life member of Kalyani Kalamandalam (Group Theatre)
- ii) Life member of Academy of Finerts.

b) International Committees

c) Editorial Boards....

(1) Advisory Board member, International Journal Ebong Printik (Varanasi)

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: ENVS project : 100 % of 3rd Year Honours and General students.

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: N.A.

23. Awards/ Recognitions received by faculty and students:

Faculty: Dr. Biswajit Karmakar: Lalbihari De Samman 2013, for 'Uttarbritanto', Bengali Novel.

24. List of eminent academicians and scientists/ visitors to the department

Name	Designation	Date of visit
Prof. Arindam Goswami	Asso. Prof. of Chandannagar Govt. College	05.08.2013
Prof. Arun Kumar Ghosh	Prof. Dept. of Bengali (B.U)	18.12.2015
Dr. Anjana Brhama	Noted singer and Asstt. Prof. of K. K. Das College	10.12.2014

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National: NIL

b)International: NIL

c) Departmental

Speaker	Topic	Date of visit	Funding agency
Prof. Arindam Goswami, Asso. Prof. of Chandannagore Govt. College	Bangla Sahitye Tin Bandyopadhyay	05.08.2013	College
Dr. Anjana Brhama, Noted singer and Assistant. Prof. of K.K.Das College	Nari Swadhinota o Rabindranath	10.12.2014	College
Aparna Roy, Professor, Viswa Bharati, West Bengal and Uday Chand Das, Professor, Burdwan University	Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation	13.02.2015 and 14.02.1015	IQAC
Arun Kanti Roy, Associate Professor and H.O.D., Hooghly Mohsin College	Itihas o Bankim Chandra	15.12.2015	College





26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
U.G.(H) 2011-12	360	41		41	
U.G.(H) 2012-13	625	39		39	
U.G.(H) 2013-14	910	50		50	
U.G (H) 2014-15	881	53		53	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U.G. (2011)	100	-	-
U.G (2012)	100	-	-
U.G. (2013)	100	-	-
U.G. (2014)	100	-	-
U.G. (2015)	100	-	-



28. How many students have cleared national and state competitive examinations such as NET/SET.: 05

29. Student progression

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed	
• Campus selection	N.A.
• Other than campus recruitment	60%
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities

- Library: We have separate Seminar Library for our U.G. Students with 600 Books.
- Internet facilities for Staff & Students: Internet facilities are not provided to students.
- Class rooms with ICT facility: N.A.
- Laboratories : N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies.

Name of the Scholarship	No. of Student
Special financial assistance given by Students' Welfare Committee of HWC	30
West Bengal Minority Development Finance Corporation (WBMDFC)	25
West Bengal Government Kanyashree Prakolpo	20

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts NIL

33. Teaching methods adopted to improve student learning :

(a) Teachers are using audio gadgets to assist the teaching learning process.

(b) Visuals are also being used as and when necessary.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Approximately 70 students of the Dept. participated sincerely in NSS activities. Students of the Dept. visit the slam area to know their problems and they teach of underprivileged slam dwellers in their primary school.

35. SWOC analysis of the department and Future plans

SWOC: Department of Bengali	<p>STRENGTH</p> <ol style="list-style-type: none"> 1. Dedicated teachers with high academic standard. 2. Development of the students through cultural & extra curricular activities. 3. Well stocked seminar library. 4. Healthy teacher student ratio. 	<p>WEAKNESS</p> <ol style="list-style-type: none"> 1. In-sufficient class room. 2. No departmental staff to handle the departmental work. 3. No departmental fund to arrange departmental seminar or workshops.
<p>OPPORTUNITY</p> <ol style="list-style-type: none"> 1. Teacher are engaged in various research works & publish their research articles in peer reviewed journals. 2. Well organized seminar & workshop enriched due students about their subject. 	<p>S-O STRATEGIES</p> <ol style="list-style-type: none"> 1. Upgrading classrooms with multimedia facilities to enhance the quality of teaching using audio-visual aids. 2. Computer has been installed in staff room for administrative and academic work of the department. 3. Interactive sessions are regularly held after seminars. 	<p>W-O STRATEGIES</p> <ol style="list-style-type: none"> 1. After following B.U. syllabi, the department will gain eligibility to frame its planning. 2. After completing the syllabus the faculty tries to brush up the contents of the syllabus by practicing the ten years questions papers of the University. The students are highly profited by this process.

Annexure to the Evaluative Report of Department of Bengali

Dr. Sangita Sanyal

Publications:

1. Rabi Tarar Akash Ebong. Lahor Publication House, ISBN 987-81-929475-4-9 (Book)

Paper:

1. Rabindranath: Royeeho Noyone Noyone, May-2012, (Council for MS Academic, Editor, Banibrato Goswami) ISSN
2. Tarashankarer Dristite sorpo Avibray , (Council for MS Academic, Editor, Banibrato Goswami, vol 01. No. 02, Jan 2011, ISSN 2229-6484
3. Lalmatir Baulmona sei pathikti ... Antorjatik patshala, March 2011, ISSN 2230-9594.
4. Matritto chetonay udbelito sadhak Tarasankar. Academic spectrum, vol2, No 2, June 2011. ISSN 0976-9323.
5. Mornere Tunhu mono shyama o somano, MS Academic, Editor, vol. 01, No. 04, July 2011, ISSN 222-6484
6. Adho ondhokar adho aloker moromiya charan kalei Tarashankar Bandyopadhyay. Ebong Mushyoara, July 2012. ISSN 0976-9307
7. Choritro nirmane ek magno bhaskar – Tarashankar Bandyopadhyay. MS Academy, vol 3, No 2, 222-6484
8. Rarbangor kotho kobider bhavnay loko upadan. MS Academic, Editor, vol. 01, No. 04, No. 01, Jan 2014.
9. Rabindr sishu cinntoney kokha sishur adhipotto. MS Academic, Editor, vol. 04, No. 02, Aug 2014.
10. Sthanik bornalitey bornadhyo Tara Shankarer shilpimanas. Antorjatik Patshala, Apr.-Spt. 2014. ISSN 2230-9594
11. Rabindra shrishto narider protibad aj ek narir dristitey. International Journal of Humanities and Aesthetics, vol. 02, No. 02, Jun 2015. ISSN 2394-1898

Dr. Swapna Das

Published papers in journals

1. Rabindranather Shrutilikhita Galpa, Page No:523, Ebong Mushayera,17 th Year, Vol-1, January to March 2011, (ISBN 0976- 9307).

2. Pradibadi Chetanay Bibhutibhusaner Galper Meyera, Page No. 103, MS Academic, Vol-1, No.-4, July -2011, (ISSN 2229-6484).
2. Rabindranather "Sabuj Patre"r Nirbachita Galper Prekhsite, Page No: 83, Academic Spectrum, Vol-2, No-3, December-2011, (ISSN 0976-9323)
3. Manwantar O Bastra Sankater Patabhumikay Achinta Kumar Sengupter Choto Galpa, Page No. 258, MS Academic, Vol-2, No.-1, January -2012,(ISSN 2229-6484).
4. Rabindranather Prabandha O Ashok, Page No:115, Antorjatic Pathshala, Vol-1 Issue-III April -June 2012, (ISSN 2230-9594)
4. Jibananander Kabitay Bishesan Prayog: Chitra Kalpa Nirmane: Page No. 159, MS Academic, Vol-3, No.-2, August -2013, (ISSN 2229-6484)
5. Rukmnikumar: Byakti Hoye Othar Manas Jatra: Page No:51, Antorjatic Pathshala, Vol-III Issue- III&IV April -September-2014, (ISSN 2230-9594)
6. Bishesan Prayoge Mith-Puran- Itihas: Jibanander Kabitay: Page No. 141, MS Academic, Vol-4, No.-2, August -2014, (ISSN 2229-6484).

Publications:

Dr. Biswajit Karmakar

Exhibition:

1. Bangladesh Gallery 25.03.2011--6.03.2011
2. Gaganendra Pradarshasala 28.07.2011 – 31.08.2012
3. Academy of Fine Arts. 20.02.2013--26.02.2013.
4. Altamira Art Gallery. 18.06.2014--24.06.2014

Paper presented in Seminar:

1. Dinabandhu Mahavidyalaya 28.09.2012
2. Shree Agrasen Mahavidyalaya 15.09.2014
3. University of Kalyani 28.03.2014
4. University of Kalyani 11.03.2015

Minor research project:

Manosamangal O Chindimangal Kabye Udvider Lokacar. 2013

Books:

1. Uttor Britanto (Novel) Bhasha Bandhan, Kolkata, 2011
2. Japon Katha (Novel) 2013, Diya, Kolkata, ISBN 978-93-82094-12-8

3. Jalcatok (Novel) Iskra, Kolkata, 2014
4. Drishya Kabya (Short Story) Lahor Publication, Kalyani, 2014 ISBN 978-81-929475-0-1
5. Goenda Sahittye Aporadh Manostto O Parjobekkhon Poddoti. (Research work) 2015 ISBN 978-81-929475-1-8

Edited Books:

1. Cinton, Proggabikash, Kolkata, 2012, ISBN 978-93-81684-54-2
2. Galpo Charcha, Bangio Sahitya samsad, Kolkata, 2008, ISBN 978-93-83590-20-9
3. Swami Vivekananda O Bartaman Kale Tar Prasongikta, Dinabandhu Mahavidyalaya, Bongaon, 2013, ISBN 978-3-16-148410-1

Edited Journals:

1. International Journal of Humanities and Aesthetics. ISSN 2394-1898
2. 'LAHOR' a Bengali magazine. ISSN 2394-0719

Paper Published:

1. Amar onubhabe jibonandaer kabye pakhi. 2010, (A. S) ISSN 0976-9323
2. Hajar curashir ma : Bidroher nepatthe. 2011, (Paunopunik) ISBN 978-81-922460-0-0
3. Goenda Kahinir Tattik Patobhumi. (MS Academic) 2011, ISSN 2229-6484
4. Aloy Makha Swapno Choa. 2012, ISBN 978-81-921186-3-5
5. Bikalpo : Prem o ektti mritur Katha. 2008, Galpo Charcha, ISBN 978-93-83590-20-9
6. Vivekanandaer Bartaman Bharat, 2013, D.B.M. 2013, ISBN 978-31-614841-0-1
7. Erakom Bangladesh Kakhono Dekhoni Tumi. 2015, Satiboti, ISSN 2454-2512
8. Chandra Shekhor : Amar Bhalobasar Nam Jibon Bisojaner Akhanka, K.U. 2015, ISSN 2321-7375
9. Nanonita Deb Sener Kobita O Kaekti Bicchinno Vabna. 2015, IJHA, 2394-1898
10. Adhunikar Dhupan, 2015, Lahor, ISSN 2394-0719
11. Chindimangal O Manasamangal Kabyerj Udbhit, IJHA 2014, ISSN 2394-1898
12. Birstimegher Barud, Mallika Sanguota, Lahor 2015, ISBN 978-93-808699-8-8
13. Mangol Kabye Kaeti Udvider Lokacar, 2014, Katha, DBM
14. Bangala goenda Galpe Chajon Lekhok, Sandhitsu, 2008-01-01
15. Bara Meghe Banladesher Dui Kobi, Kobita Ei samoy, 2015
16. Musalman Kobider Boishnab Padabolite Jibon sar, Tatyasutra, 2003
17. Galpo Jakhun Choto, Ekhon Colte Colte, 2010

18. Lekhoker Antorangotay Donkihote, Ebong Musaera, 2007
19. Jiboner Mukto Vasmu, Bhashabandhon. 2010
20. Adhunikottor Bangala Kobita, Natun Satabdi, 2014
21. Akkhepanurag Ebong Chandidas, Sahittacharcha, 2008-01-01
22. Subhod Gosh O Tar Fashil, 2006, Adhunik Chotogalpo: Mane O Manon
23. Titaser Akkhane: Puruser Preme Nirlipti O Asokti, 2002Rurayan
24. Adhunikottor Bangala Kobita, 2003,Riti,
25. Mhaseta Devir Uponaser Parbantor, 2005, Aronner Adhikar
26. Bainai, 2007, Ebong Musaera
27. Banga Goenda Galpo Poricay, 2003, Sahitya Prabandho
28. Anabrito Ananto Anonde, 2013, Lahor
29. British Birodhi Bangala Natok, 2013, Kacrapara College
30. Uccapone Aporadh Ba Katha Balay Aporadh, 2010, Ebong Ittadi
31. Prosango: Bidayloy Pathakrome Sishu Natok, 2009, Nattya Kalpo
32. Samokale Shree Chitanyadeb : Samaje O Padabolite, 2003Uddalok
33. Caturango: Nirmaner Ovinabotto, 2010, Tabu Ekolabbo
34. Sahitto Tattye Rabindra Nath, 1999, RBU
35. Asoni Sanket: Sristir Patobhumi Ebong Kaler Pdoddhoni, DBM 2000
36. Asoni sanket Ebong Ditio Biswajuddo, 2000, DBM
37. Rabindra Nather Upannasher Bikash O Bibortan, 2004, Vivekananda College
38. Choto Galpe Banoful, 2010, Pathosanket,
39. Rabindranath O Tar Obhinoy, 2012, Pathosanket
40. Ovighyan Shokuntalam Natoke Bratto Janer Bhasha, 2008, Pathosanket
41. Praosango Goenda sahitto, Bhashabandhon, 2008
42. Gitanjoli : Nobel Praptir Nepotthe, 2009, Kalyani Book Fair
43. Boier Gandho, 2014, Kalyani Book Fair

Evaluative Report of the Department of English

1. Name of the department: English
2. Year of Establishment: 1949 (General) and Honours extension in 1999.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG Honours and General.
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): B.A. Honours and General Annual Examination –Part-I, Part-II and Part-III under the University of Burdwan
6. Participation of the department in the courses offered by other departments: N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: n.a.
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors*	02	02
Asst. Professors	02	01
Part-time Teachers	02	02

* All Base posts are Assistant Professor Post, upgraded by Career Advancement Scheme

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the
Kabita Dey	M.A.	Associate Professor	Literary Criticism	24 Years	NIL
Subhendu Bikas Adhikary	M.A., M.Phil	Associate Professor	Modern Poetry	20 Years	NIL
Debabrata Adhikary	M.A., M.Phil	Assistant Professor	Translation Theory, Modern Poetry	1 Year	NIL
Arpita Dutta	M.A.	Part-time Teacher		9 Years	NIL
Lia Dutta	M.A.	Part-time Teacher		7 Years	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: 13%

13. Student -Teacher Ratio (programme wise):

Programme	Student-Teacher Ratio
Part-I	10:1
Part-II	9:1
Part-III	8:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph. D	0
M Phil	2
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: N.A.

19. Publications:

* a) Publication per faculty

* Number of papers published in peer reviewed journals (national / international) by faculty and students

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

* Citation Index

* SNIP

* SJR

* Impact factor

* h-index

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 per cent students of UG have done Environmental Studies Project.
- 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:

The student who has secured highest marks in the B.A. Part III English (Honours) Examination, is awarded a prize from the college and another Reba Rani Datta Memorial Award- a cash prize of Rs. 500.

Other Scholarships: Kanyashree Prokolpo: 2013-14: 14 beneficiaries,
2014-15: 12 beneficiaries

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

c) Departmental:

Seminar/Workshop Topic	Date	Funding Agency
Metaphysical Poetry (Seminar)	07.10.2015	College Fund
Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation (Workshop)	13.02.2015 and 14.02.2015	IQAC

Departmental Seminar on 'Metaphysical Poetry' in the Department of English



Departmental Seminar on 'Metaphysical Poetry' in the Department of English



26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG (2011)	451	45		41	95%
UG (2012)	522	56		50	91%
UG (2013)	535	40		40	87%
UG (2014)	732	50		45	92%
UG (2015)	725	55		51	Result Not Yet Published

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U.G. (2011)	100	0	0
U.G. (2012)	100	0	0
U.G. (2013)	100	0	0
U.G. (2014)	100	0	0
U.G. (2015)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Year	NET	SLET	School Service Commission	Others (Bank, BPO etc.)
2011-12	2	1	12	4
2012-13	1	0	7	5
2013-14	4	2	*	9
2014-15	4	1	*	11

* SSC Examination not held.

29. Student progression

Student progression	Against % enrolled
UG to PG	82
PG to M.Phil.	14
PG to Ph.D.	7
Ph.D. to Post-Doctoral	Information not available
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	No provision for campus selection 47
Entrepreneurship/Self-employment	2

30. Details of Infrastructural facilities

a) Library: In addition to the Central Library, there is also a Seminar Library with 273 books on English Language and Literature, which have been purchased from UGC and SAAC grant and also quite a number of donated books.

b) Internet facilities for Staff & Students: The teaching staff avail the internet facilities in the General Staff Room. The students access the internet from the Central Library.

c) Class rooms with ICT facility: There is no provision of any classroom with ICT Facility for the department separately. However, there is one Digital Classroom in the Central Library Building which can be used by the teachers whenever it is necessary.

d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, Government or other agencies: Each year, four or five students of the department get financial assistance from the college through Students' Aid Fund.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: See Point No. 25.

33. Teaching methods adopted to improve student learning:

- In the Undergraduate Level, teaching methods adopted are class lectures, interactive sessions, seminar lectures and tutorials in the slack session.
- In addition to the Tests held prior to the University Examinations: Part-I, Part-II and Part-III, Unit Tests held in the classes helps in keeping a constant evaluation process in practice.
- Academic Record Book of the Students are maintained to keep an eye on individual progression.

- Tutorial Classes in the Slack Session are specially arranged to help the students who have been slow in progress with the rest of the class.
- Over and above, Parent-Teacher meetings facilitate an exchange of views, consultations and suggestions which help in the all-round progress and development of the students.



34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Apart from participating in their own subject-oriented Seminars, students also take an active role in the seminars of other departments and also various types of cultural programmes, cultural competitions, Plantation Programmes, NSS Activities, Women's Cell activities, Environmental Awareness Programmes and so on and so forth.
- Putting forth Wall-Magazines with varieties of writing certainly point towards the creative faculty of the students.
- Students are also taken for outing as a means of relaxation from the routine-bound college schedule.

35. SWOC analysis of the department and Future plans

<p>SWOC: DEPARTMENT OF ENGLISH</p>	<p>STRENGTH:</p> <ul style="list-style-type: none"> The Department of English is a prestigious department and has much demand amongst the students of the locality. All the five faculty members- three full time and two part time teachers give their best for an all-round development of the department. All processes such as admissions, script evaluation after Unit Test and Terminal Test Examination are done very meticulously to avoid any error in the process. 	<p>WEAKNESS:</p> <ul style="list-style-type: none"> Faculty strength is less than standard. There is space problem.
<p>OPPORTUNITIES:</p> <p>Through a proper teaching-learning process and after completion of the Graduation process newer avenues get opened in front of the students and they move into careers which they find suitable.</p>	<p>S-O STRATEGIES:</p> <p>Study of English not only paves the way for further studies but it also acts as a resource for qualifying other entrances to different branches of studies or employment examinations.</p>	<p>W-O STRATEGIES:</p> <p>No doubt there is space problem but the faculty gives its earnest efforts to keep the departmental books, record-books, files, registers and other departmental accessories in all proper place.</p>
<p>CHALLENGES:</p> <ul style="list-style-type: none"> The department does not have any type of involvement in the recruitment of teaching staff. Scope of orienting students towards higher studies is also a challenge. 	<p>S-C- STRATEGIES:</p> <ul style="list-style-type: none"> Students are motivated for higher studies and learning. Final year students are made to learn through their project works, as also they are asked to write papers on topics chosen from their syllabus. In this way, their writing skill also improves. 	<p>W-C STRATEGIES:</p> <ul style="list-style-type: none"> The faculty with its strong will, energy and dedication are ensuring a smooth running of the department.

Annexure to the Evaluative Report of Department of English

Smt. Kabita Dey : **Seminars/Workshops Attended**

1. A tribute to Kadambini ganguly - to commemorate her 150th birth century. 1st august - 2011, Venue : Hooghly Women's College. Speaker : Dr. Syed Tanveer nasreen.
2. In celebration of International Women's Day - a seminar titled ' Kanya Tumi Bacho' . Subject : Matri Sanskriti O Narri Nidhan. Speaker - Poet & Professor Krishna basu. Date : Venue : Hooghly Women' College.
3. State level UGC sponsored seminar, Org by : Nabagram Hiralal paul College. Title : Partition of the country and its influence on literature. 9 16 & 17 Nov, 2011)
4. Workshop on Examination Reforms : Considerations on some programmatic agenda. Under UGC XIth plan programme, Org. By Balagarh Bijoy Krishna Mahavidyalaya, Balagarh, Hooghly. (25th Jan,2012)

5. UGC sponsored national seminar on Aesthetic approach and Social Accountability of Literature : Oriental and Accidental perspective, Org. By : Dept. Of Beng, Eng & Sanskrit – Khalisani Mahavidyalaya in collaboration with Hooghly Women’s College. (10th February, 2012)
6. Workshop for Academic Administrators, Sponsored by NQRI of NAAC, Org. By the University of Burdwan. 30 & 31st October, 2014.
6. UGC sponsored State level Workshop on Research Methodology in language and literature studies : probable problems and solutions and creating a space for innovation. (13-14th February, 2015), Org. By : Internal quality assurance cell and department of English, Bengali & Sanskrit Department of Hooghly Women’s College.

Shri Subhendu Bikas Adhikary:

1. Poet, Translator, and Literarry Esseyist contributing chiefly to Little Magazines of significant reputation.
2. Served as Head-Examiner, also served different colleges as Resource Person to interview candidates applying for the posts of Part-Timer/Guest-Lecturer.

Smt. Liea Dutta.

Papers published :

1. Appropriation Vol. 9. ISSN 0975-1521 December, 2013. A regereed journal of the department English, Bankura Christian College.
2. The Visva Bharati quarterly Founded by Rabindranath Tagore, Vol. 23. No.1. April 2014 – June 2014, ISSN – 0972-043X

Seminar Attended/Presented Paper:

1. National seminar on Heterotologies : Re – digging upon and cultural imaginaries, organised by the department of English, The University of Burdwan on 17-18 February, 2011.
2. UGC upon National seminar on Aesthetic approach and social accountability of literature : Oriental and accidental perspective organised by the department of Bengali, English and Sanskrit, Khalisani Mahavidyalaya in collaboration with Hooghly Women’s College. 10th feb, 2012.
3. Presented a paper in the young researchers National conference on Cultural Representations : roll, class, gender and caste organised by the department of English, The University of Burdwan on 4th and 5th Sept. 2013.
4. State level seminar on Impact of Pollution Assessment and awareness, organised by the department of Zoology, Hooghly Women’s College, Pipulpati, Hooghly on 14 – 15th Feb, 2014.

5. UGC sponsored State level workshop on Research Methodology in language and literature studies : Probable problems and solutions and creating a space for Innovation 13th and 14th Feb, 2015. Organised by Internal quality assurance cell and department of English, Bengali, and Sanskrit of Hooghly Women's College.

Smt. Arpita Dutta

1. Organised and participated in UGC Sponsored State Level Work Shop on "Research Methodology in Language and Literature Studies" held on Feb, 2015 organised by IQAC, Hooghly Women's College.

Evaluative Report of the Department of Sanskrit

1. Name of the department : Department of Sanskrit
2. Year of Establishment: 1949
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours and General Courses)
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual System
in UG Level
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
N.A.
8. Details of courses/programmes discontinued (if any) with reasons: N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors*	Nil	Nil
Asst. Professors	3	3

* All Base posts are Assistant Professor Post, upgraded by Career Advancement Scheme

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Jana Bandyopadhyay	M.A., Ph.D.	Assistant Professor	Kavya	14 Years	NIL
Dr. Kajal Mal	M.A., M.Phil, Ph. D.	Assistant Professor	Kavya	5 Years	NIL
Mallika Sarkar	M.A., M. Phil	Assistant Professor	Prakrit	5 Years	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Course	Year	Percentage of Lectures in Theoretical Classes
B.A.(Honours)	2015-16	30%

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
First year (Hons.)	9.75:1
Second year (Hons.)	9.75:1
Third year (Hons.)	9:1
First year(Gen.)	72:1
Second year (Gen.)	72.15:1
Third year (Gen.)	19.75:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

Teaching Faculty with Ph.D.: 2

Teaching Faculty with M.Phil: 1

Teaching Faculty with P.G.: 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: N.A.

18. Research Centre / facility recognized by the University: None

19. Publications: Total= 20

* a) Publication per faculty:

Name of Faculty	No. of Papers National/International	No. of Publications listed in International Database	Journal	Chapter in Books	Books Edited	Books with ISBN No.	SNIP	SJR
Dr. Jana Bandyopadhyay			10	3				
Dr. Kajal Mal			6	1				
Mallika Sarkar			4					

* Number of papers published in peer reviewed journals (national / international) by faculty and students: By Faculty: 20

By Students: 0

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

- * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated: N.A.
21. Faculty as members in
- a) National committees: None
 - b) International Committees: None
 - c) Editorial Boards: None
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme: 100 per cent students of UG have done Environmental Studies Project
 - 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:
Name of Scholarship:
- 1. Free studentship is available for poor but meritorious students with 75% of attendance.
 - 2. Cash Prize of Rs. 400 is available for the best students of B.A. Part III Examination of Sanskrit (Honours).
 - 3. Financial Assistance is also available from Students' Aid Fund
24. List of eminent academicians and scientists / visitors to the department
25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National: None
 - b) International: None

c) Departmental:

Seminar Topic	Date	Funding Agency
Recent Trend in Sanskrit Studies and Researches in India and Abroad	02.02.2013	College Fund
Science and Sanskrit with Special Reference to Kalidasa's Literature	22.09.2015	IQAC

Workshop Topic	Date	Funding Agency
Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation	13.02.2015 and 14.02.1015	IQAC

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage	Pass Out Year
			*M	*F		
UG-2009	510	40	N.A.	40	99.5%	2012
UG-2010	435	40	N.A.	40	99%	2013
UG-2011	412	40	N.A.	39	99.2%	2014
UG-2012	356	50	N.A.	45	99%	2015

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Year	West Bengal School Service Commission	Others (Bank, BPO, Government Jobs)
2011-12	15	5
2012-13	12	7
2013-14	No Examination held	8
2014-15	No Examination held	4

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	N.A.
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities

- a) Library: Seminar Library with 260 books
- b) Internet facilities for Staff & Students: Staff Room has a desktop computer with internet facility for teachers and students can access internet in the reading room of Central Library
- c) Class rooms with ICT facility: There are two classrooms in the college with ICT facilities. Teachers take classes in those class rooms whenever ICT facility is required.
- d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies

Kanyashree: Amount: Rs. 25000 each

Number of Students: 14

Year	Name
First Year (2013)	8
Second Year (2013)	1
First Year (2014)	3
Second Year (2015)	2

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Seminar Topic	Date	Speaker	Funding Agency
1. "Recent Trend of Sanskrit Studies and Researches in India and Abroad"	2.12.2013	Dr. Partha Pratim Das	College Fund
2. "Science and Sanskrit with Special Reference to Kalidasa's Literature"	22.09.2015	Dr. Biswanath Mukherjee	IQAC

Workshop Topic	Date	Funding Agency
Research Methodology in Language and Literature Studies: Probable Problems and Solutions and Creating a Space for Innovation	13.02.2015 and 14.02.2015	IQAC

Pictures of Sanskrita Dibas Palan:



33. Teaching methods adopted to improve student learning:
- Interaction with the students in the classroom.
 - Consultation through student advisor
 - Lecture Method
 - Showing chart regarding topic of the syllabus
 - Suggestion and list of reference books given by the teachers
 - Evaluation through Unit Tests

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students are regularly involved in NSS programme with same social activities. The students of the department traditionally play a great role in the extra-curricular activities like drama, dance, song and games. Students participate in Sanskrit Recitation Competition and in the Quize Competition organized by Ramakrishna Mission, Belur Math. They also like to celebrate 'Sanskrit Day' by performing classical dance, chanting Sanskrit Songs and recitations. Students are encouraged to publish departmental wall magazine periodically and they also like to publish their creative writings in college magazine.

35. SWOC analysis of the department and Future plans

STRENGTHS: Since Sanskrit Literature is the treasure of all branches of knowledge, students may have some opportunity to know the ancient unique culture of Mother India. Students may be groomed and motivated through academic programmes and in-depth studies set by faculty members to enable them to be worthy of various professions, especially teaching profession.

WEAKNESS: Faculty may experience difficulty in completing the syllabus due to abolition of a teaching post in the department.

OPPORTUNITY: Chances are there for under-going teaching profession or assist in the working of a museum or research work in the subject related to Indology. Students having aptitude to work for unpublished manuscripts may be attracted to have deeper knowledge of our ancient scriptures.

CHALLENGES: Hidden treasure of our ancient knowledge kept in innumerable unpublished manuscripts may see the light of the day. In the context of Globalisation, scientific potential and its universal approach may get the opportunity for translation and interpretation.

Annexure to the Evaluative Report of Department of Sanskrit

Dr. Jana Bandyopadhyay

PUBLICATIONS IN JOURNALS

- 1) *Manusamhitay Sadhvi Nari: Ekti Naitik Prasanga*. A Journal on Indology and Sanskrit of the PG Department of Sanskrit. Vol 5 September 2010 Krishnanath College, Behrampore, p-15
- 2) *Sanskrita Alamkara Shastre 'Alamkara' Shabder Vivartan*. MS Academic Vol-1, No-4, July 2011, ISSN 2229-6484, p-153
- 3) *Manusamhitay Varnaveda: Tatkal o Samakal*. Antarjatic Pathshala July-Sept 2011, ISSN 9594, p-11
- 4) *Empowerment of Women as Reflected in Arthaśāstra*. MS Academic Vol-2, No-2 & 3, August 2012, ISSN 2229-6484, Page-209
- 5) *Nandanikata O Samajik Daybadhdhata: Kalidaser Sāhitya*. In Subrata Kumar Rana edited Dialogic Space: Bilingual Literary Journal of Khalisani Mahavidyalaya, Volume-1, December 2012. ISSN 2347-8195, p- 144-149
- 6) *Manusamhitay Bibaheer Prakarbhed o Bartaman Samaje Tar Prasangikata*. MS Academic Vol-3, No-1, January 2013, ISSN 2229-6484, p-45-51
- 7) *Kashmir the Treasury of Sanskrit Language and Literature*. MS Academic Vol-3, No-2, July 2013, ISSN 2229-6484, p-51-55
- 8) *Sanskrit Alamkāra Tattve Samanvayayvadi Ācārya Mammata*. Antarjatic Pathshala, Vol-3, Issue-2, January to March, 2014, ISSN 9594, p-9-14
- 9) *Rasa Theory: An Abstract from Indian and Western Observation*. MS Academic Vol-4, No-1, January 2014 , ISSN 2229-6484, p-69-72
- 10) *Women and Nature: An Abstract from Indian Thought*. International Journal of Humanities and Aesthetics, June 2015. ISSN 2394-1898

PAPERS PRESENTED IN SEMINARS

- 1) *Arthaśāstre Narir Adhikarer Gurutva Ebong Naitik Dristite er Prasangikata*. UGC sponsored State Level Seminar on Ethics in Theory and Practice, organized by Chandannagore Government College, Department of Philosophy. 22 Nov, 2008
- 2) *Svāmī Vivekānanda O Sarvabharatiya Jatiyatavad*. UGC sponsored National Seminar on Indian National Congress: From Party to Movement, From Movement to Governance, organized by Dept of History, Sreegopal Banerjee College, 07/02/2012
- 3) *Rabindranāth-er Itihas Chetana o Rabindra Sahitya* Rabindranāth Tagore. UGC sponsored State Seminar on Perception of History, organized by Dept of History, Kavi Sukanta Mahavidyalaya, Bhadreswar, 23/03/2012
- 4) *Nandanikata O Samajik Daybadhdhata: Kalidaser Sahitya*. UGC Sponsored National-Level Seminar on "Aesthetic Approach and Social Accountability of Literature: Oriental and Occidental Perspective", organized by Khalisani Mahavidyalaya, Chandannagore, and Hooghly Women's College, Hooghly. 10th February, 2012.

- 5) Mahakavi Kalidaser Sahitye Artha-Samajik Chitra: Ekṭi Sarvajanin Pratiphalan. UGC Sponsored National-Level Seminar on Socio-economic Study of Kalidas's Literature with special reference to Globalization, organized by Dept of Sanskrit, Dr. B.N. Dutta Smriti Mahavidyalaya, 26 and 27th March 2012
- 6) Vivekananda: Pioneer of Indian Nationalist Movement. UGC sponsored National Seminar on Contribution of Svami Vivekananda to India's National Reawakening: Present Relevance; organized by Dept. of English, Pol.Sc., Panchakot Mahavidyalaya, Purulia, 13th-14th Feb, 2013,
- 7) Itihaser Bikshane Jayitavadi Kavi Kaji Najrul Islam. UGC sponsored State Level Seminar on Historical Consciousness in Late 19th and Early 20th Century, Bengal: Some Reflections, organized by Dept. of History, Kshudiram Bose Central College, Kolkata, 22nd and 23rd Feb, 2013
- 8) Women in Household Management as Reflected in Manu Samhitā. UGC sponsored, National Seminar on Women Empowerment and Environmental Sustainability, organized by Simurali Sachinandan College of Education, Simurali, Nadia, 21st & 22nd March, 2013
- 9) Chipko Andolan: An Environment Protection Movement. Department of Science and Technology sponsored State Level Seminar on Impact of Pollution: Assessment and Awareness, organized by Department of Zoology, Hooghly Women's College, 14th & 15th Feb, 2014
- 10) Sanskrita o Prachin Vijnan: Kichhu Prasangik Alochana. National Seminar on Adhunik Samaje Sanskritasyopajogita, organized by "All Bengal Sanskrit Lovers' Association." 31/07/2015

PUBLICATIONS IN BOOKS

- 1) Article: *Mahakavi Kalidaser Natake Narir Kshamatayan: Ekṭi Naitik Prasanga*, in Nāri: Andare Bahire, editor: Shri Shubhra Kumar Mukhopadhyay, Principal, Hooghly Mohsin College, 15th August, 2014, ISBN 978-81-908801-6-9, p-98-101
- 2) Poem: *Jakhan Āmi*, in Hajar Bachharer Kabita. Editor- Tarun Sanyal, Publisher: Sahayatri, Kolkata, third edition (13th May, 2012), ISBN 978-81-924076-1-6, p-1678
- 3) Poem: *Chhotobela*, in Banglar Chhara, Editor- Bhabani Prasad Majumder & Prasanta Manik. Publisher: Sahayatri, Kolkata, first edition (13th May, 2012), ISBN 978-81-924076-0-9, p-126
- 4) Article: *Rabindra-Jiboner Shesh Vatsare Palita Janmotsab*, in Rabindranāth: Rayechhe Nayane Nayane. Editor -Banibrata Goswami. Publisher: Council for MS Academic, Kalyani May 2012, ISBN 978-81-92-1697-2-9, p-147
- 5) Article: *Nāri-rachita Bangla Kathasahityer Shatabchharer Parisare Nārīr Rupvovartaner Chitra*, in The Speckled Canvass: A Contemporary Transdisciplinary Probe into the Society, Literature and Culture of Bengal over Last Hundred Years 1913-2013. ISBN 978-81-8064-213-3

Dr. Kajal Mal

PUBLICATIONS IN JOURNALS

1. K. Mal (2012) ,DILOGEIC SPACE Bilingual Literary Journal of Khalisani Mahavidyalaya on "Aesthetic Approach and Social Accountability of Literature: Oriental and occidental Perspective." 'Satya pratisthar prayase Prabodhacandradaya' Prabodhacandaradaya',Decemder-2012, VOL-1 , [ISSN 2347-8195]
2. K.MAL (2013), ŚĀSTRACINTĀMAṆI, 'Bartamane rabindranather adhibidya chintaner prasangikata', First Edition-2013,Published by :Amitaranjan Sankaribala Vedavidya Mandir, [ISBN - 978-81-921337-7-5]
3. K.MAL (2014), ' Sampatik Vivekanander Karjaker Vedanter Prasangikata' Proceedings of National Seminar on "Bahurupe Sammukhe Tumi:Vivekananda" held at Raniganj Girls' College 12-13 February 2014.[ISBN - 978-93-84-491-05-5]
4. K.MAL (2015), 'Manus garar karigar rupe Swamiji' Published by Dhimahi,Dhaka Students'library, ISBN: 978-93-84054-25-0.

PAPERS PRESENTED IN SEMINARS

1. 'Bartamane Rabindranather Adhibidya chintaner Prasangikata ', in Ai Samay o Rabindranath held on 2 - 3,2011 December at Arambagh, organized by Netaji Mahavidyalaya (National Level)
2. 'The Impact of Bhagavad Gita in Daily life', in Ai samay o Rabindranath held on
3. 10th February, 2012 at Khalisani, organized by Khalisani Mahavidyalaya (National Level)
4. 'Kalidaser rachanay Arthanaitik chitra o Biswane tar pravab', in Socio-Economic Study of Kalidasa's Literature with Special reference to Globalization held on 26-27 March at Hatgobindapur, organized by DR. B.N.Dutta Smriti Mahavidyalaya (National Level)
5. 'Sampatic vivekanander karjaker vedanter prasangikata', in Bahurupe Sammukhe Tumi Vivekananda held on 12-13 February at Raniganj, organized by Raniganj Girls' College (National Level)
6. 'Krisi Bigangarva Ahlyakathar bartamane prasangikata', in Impact of Pollution: Assessment and Awareness held on 14-15February at Hooghly, organized by Hooghly Women's College (State Level).
7. Upanisader Aloke Bharatiya sanskriti, in Society and Culture in Ancient Literature held on 31-1 March at Burdwan, organized by Burdwan University (National Level).
8. Manus garar karigarrupe swamiji, in Swamiji Vivekananda and Universal

Humanism held onJuly at Uttarpara, organized by Swami Niswambalananda Girls' college (National Level)

Mallika Sarkar

1. National Seminar on Aesthetic approach and social accountability of literature: Oriental and occidental perspection, at Khalishani Mahavidyalaya on 14.02.2012.
2. Paper published on "Kalidaser yuge prativar bahumukhinata (biswagamita) tatha dayabaddhata" in bilingual literary Journal on December,2012. Vol-1, pp156-162, (ISSN 2347-8195),
3. Paper published on "Kalidaser yuge tatha kvye artha-samajik patabhumi" in MS Academic on January, 2014, vol-4, no.-1, pp 240-245, (ISSN 2229-6484).
4. Participated and presented paper in State level Seminar at Department of Zoology, Hooghly Women's College on " Impact of Pollution : assessment and awareness".
5. Organised and Participated departmental seminar on "Recent trend of sanskritic studies and researches in India and abroad" on 02.12.2013
6. Participated in the workshop on "Career advancement scheme" at Khalishani Mahavydyalaya on 20.09.2014.
7. Attended seminar of Women's Cell of Hooghly Women's College on 02.09.2014.
8. Published paper on " Bahurupe swami Vivekananda in M.S. Academic" on February, 2015, Vol -5, no-1, pp 181-183.
9. Organised and participated in UGC Sponsored State Level Work Shop on "Research Methodology in Language and Literature Studies" held on Feb, 2015 organised by IQAC, Hooghly Women's College.
10. Organised and Participated departmental seminar on "Science and Sanskrit with special reference to Kalidasa's literature" at Hooghly Women's College on 22.09.2015.

Evaluative Report of the Department of Philosophy

1. Name of the department: Philosophy
2. Year of Establishment: 1982
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG Honours and General Classes
4. Names of Interdisciplinary courses and the departments/units involved: Nil
5. Annual/ semester/choice based credit system (programme wise): Annual System
6. Participation of the department in the courses offered by other departments: Department participated in other departmental seminars.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programmes discontinued (if any) with reasons
9. Number of Teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors*	01	01
Asst. Professors	03	02
Part-Time Teachers	01	01

* All Base posts are Assistant Professor Post, upgraded by Career Advancement Scheme

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Nandita Basu	M.Phil., Ph.D.	Associate Professor	Vedanta	14 Years and 6 months	NIL
Dr. Pinaki Shankar Chattopadhyay	Ph.D.	Assistant Professor	Logic	15 Years and 9 months	NIL
Dr. Suchismita Ghosh Hazra	M.Phil., Ph.D.	Assistant Professor	Vedanta	14 Years and 6 months	NIL
Srabani Dutta	M.A.	Part-time Teachers	Vedanta	5 Years	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Theoretical Classes:

Programme	Total no. of classes	No. of classes taken by temporary faculty	Percentage of lectures delivered by temporary faculty
UG Level (Hons.)	59/week	6/week	10.16%*
UG Level (Gen.)	19/week	3/week	15.79%

13. Student -Teacher Ratio (programme wise)

Programme	Total no. of students	Total no. of teachers	Student-Teacher Ratio
First year (Hons.)	52	4	13:1
Second year (Hons.)	43	4	10.75:1
Third year (Hons.)	28	4	7:1
First year(Gen.)	195	4	48.75:1
Second year (Gen.)	240	4	60:1
Third year (Gen.)	155	4	38.75:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A.
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
Ph.D. 03, M.Phil. 02.
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
Name of the Project: UGC Sponsored Minor Research Project
No. of Faculty: 01
Year: 2014-16
Amount Sanctioned: Rs. 2, 80,000
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: N.A.
19. Publications: 17
 - * a) Publication per faculty:
Dr.Nandita Basu: 04,
Dr. Suchismita Ghosh Hazra: 11,
Dr. Pinaki Shankar Chattopadhyay: 02
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students: 11
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs: 3
 - * Chapter in Books: One Chapter (Dr. Nandita Basu), One Chapter (Dr. Pinaki Shankar Chattopadhyay), Three Chapters: Dr. Suchismita Ghosh Hazra
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers: One (Dr. Nandita Basu), One (Dr. Pinaki Shankar Chattopadhyay)
 - * Citation Index
 - * SNIP
 - * SJR

- * Impact factor
 - * h-index
20. Areas of consultancy and income generated: SURAHA (Human Rights)
 21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards....
 22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme: 100 per cent students of UG have done Environmental Studies Project.
 - 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:
 - Jadunath Chadhury Utsaha Dan Tahabil (Nibedita Memorial Award): cash prize of Rs. 400 to the best student of B.A. Part-III Examination
 24. List of eminent academicians and scientists / visitors to the department:
 - 1) Dr. Sunil Roy, Professor, Department of Philosophy, University of Burdwan
 - 2) Dr. Tofazol Hossain, Associate Professor, Department of Philosophy, University of Burdwan.
 - 3) Dr. Soumitra Basu, Associate Professor, Department of Philosophy, Jadavpur University.
 25. Seminars/ Conferences/Workshops organized & the source of funding
 - a) National: NIL
 - b) International: NIL

c) Departmental:

Seminar/Workshop Topic	Date	Funding Agency	Speaker
Philosophy of Shri Aurobindo	12.09.2011	College	Dr. Sunil Kumar Roy, Professor, Department of Philosophy, Burdwan University
Practical Vedanta	16.09.2013	College	Dr. Mridula Bhattacharyya, Associate Professor, Department of Philosophy, Burdwan University
Boolean Interpretation	22.02.2015	College	Dr. Toffazol Hossain, Associate Professor, Department of Philosophy, Burdwan University
Psychology	07.10.2015	College	Dr. Soumitra Basu, Associate Professor, Department of Philosophy, Jadavpur University.



Departmental Seminar in the Philosophy Department



Departmental Seminar in Philosophy Department

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG (2011)	360	220		220	75% (Hons.) 98% (General)
UG (2012)	400	245		245	80% (Hons.) 99% (General)
UG (2013)	420	260		260	78% (Hons.) 87% (General)
UG (2014)	440	275		275	74% (Hons.) 90% (General)
UG (2015)	470	250		250	70% (Hons.) 95% (General)

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (2011)	100	0	0
UG (2012)	100	0	0
UG (2013)	100	0	0
UG (2014)	100	0	0
UG (2015)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NET: 02, SLET: 04, School Service Commission: 08

29. Student progression:

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	Information not available
PG to Ph.D.	Information not available
Ph.D. to Post-Doctoral	Information not available
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Information not available
Entrepreneurship/Self-employment	Information not available

30. Details of Infrastructural facilities

- a) Library: One Seminar Library with 700 books. Central Library is available for the students of all the subjects.
- b) Internet facilities for Staff & Students: The teaching staff avail the internet facilities in the General Staff Room. The students access the internet from the Central Library.

36. SWOC analysis of the department and Future plans

SWOC: DEPARTMENT OF PHILOSOPHY:

STRENGTHS: Since Philosophy is the science of all sciences, students may have some opportunity to learn about the Indian and Western Philosophy. Students may be motivated through academic atmosphere and deep studies of different branches of Philosophy by various efficient teachers.

WEAKNESSES: the department may face difficulties of completing syllabus due to vacancy of teaching post. The department also faces the lacks of financial support.

OPPORTUNITIES:

- The Central Library is enriched with subject books and different Journals which help the student for study.
- Counseling of the students at the time of admission
- Books of Seminar Library also enrich the students for their upliftment.

CHALLENGES:

Students of the department should be involved in different branches of Philosophy and departmental students must enrich themselves for higher studies.

Annexure to the Evaluative Report of Department of Philosophy

Dr. Suchismita Ghosh Hazra

Published papers in Journals

1. Sorrow in the Samkhyakarika : An analytical review, in Academic Spectrum, 2(3), pp. 14-18, Dec 2011, ISSN : 0976-9323
2. Humanist Rabindranath Tagore in the perspective of the movement against the Bengal partition : Some discussion, in Panchakot Essays, 2(2), pp. 287-290, Dec. 2011, ISSN : 0976-4968
3. Universal Welfare in the perspective of isolation in Samkhyakarika : A Review, in MS ACADEMIC, 2(1), pp. 26-29, Jan. 2012, ISSN : 2229-6484
4. Educational ideas of Swami Vivekananda : Some discussion, in MS Academic, 2(2 & 3), pp. 12-16, Aug, 2012, ISSN : 2229-6484
5. Samkhyakarika "Purusa" Sabdatir bibhinya arthe prayog - ekti bislesanmulak alocana, in MS Academic, 3(1), pp. 69-75, January 2013, ISSN : 2229-6484
6. Rabindra Sahitye Saundaryer Bibhinya matra evam samaj jivane tar prakash, in DIALOGIC SPACE, pp. 136-143, ISSN : 2347-8195

7. Concept of Bondage in the Samkhyakarika : An Analytical Review, in MS ACADEMIC, 3(2), pp. 31-33, Aug, 2013, ISSN : 2229-6484
8. Is Purusa one of many in Samkhyakarika?, MS ACADEMIC, 4(1) : pp. 73-78, January, 2014, MS ACADEMIC, ISSN : 2229-6484
9. Dampatya Jivaner Bibhinya Angyik : Rabindranath o tar parabartikaler kichu lekhaker rachaner patabhumite, in MS ACADEMIC, pp. 126-129, ISSN : 2229-6484
10. The religious Philosophy of Swami Vivekananda in the perspective of Karma Yoga, in International Journal of Humanities and Aesthetics, pp. 45-48, ISSN : 2229-6484
11. The Status of Indian Women in the Perspective of their Health Aspect, in MS ACADEMIC, pp. 53-56, ISSN : 2229-6484

Articles /Chapters published in Books

1. Rabindra Chotogalpe dampatya sambondher patabhumite asukhee nari : Kichu alochona, in Rabindranath : Rayecha Nayane Nayane (A- collection of Essays on Rabindranath Tagore), ed. Banibrata Goswami, published by Council for MS Academic, Nadia, May, 2012, ISBN : 978-81-921697-2-9
2. Logic, Language and Reality in Samkhyakarika, in Language and Thought. Ed. J.C. Basak and K. Joardar, published by Northern Book Centre , New Delhi, 2012, ISBN : 81-7211-298-X
3. The State of Education and the Educationist Rabindranath Tagore in the perspective of Bengal Partition Movement : Some Discussion, in Partition of Bengal and Rabindranath Tagore. Ed. Banibrata Goswami, published by Council for MS Academic, Kalyani, Nadia, W.B., January, 2013, ISBN : 978-81-921697-6-7

Papers presented in seminars

1. Aitihāsik Preksapate Rabindra Upanyas - Kichu alochona, in U.G.C. Sponsored State Level Seminar on Rabindrantah Tagore : Perception of History, organized by Department of History, Kabi Sukanta Mahavidyalaya, Bhadreswar in collaboration with the department of History, Khalisani Mahavidyalaya
2. Jatiyatabadi Andoloner Patabhumite Rabindranather "Ghare Baire" evam "Gora" Upanyas - Kichu alochona, in U.G.C. Sponsored State Level Seminar on Historical Conciousness in late Nineteenth and Early Twentieth century Bengal : Some Reflections, organized by Departments of Eng & Pol-pc, Panchakot Mahavidyalaya, Sarbari, Neturia, Purulia in Collaboration with Raghunathpur College, Raghunathpur, Purulia, W.B.
3. Swami Vivekananda's View on women's Educational and it relevance in Modern Era, in U.G.C. Sponsored National Level Seminar on Vivekananda on the 150th Birth

Anniversary, organized by The Department of Philosophy of SREEGOPAL BANERJEE COLLEGE, held on 19th & 20th November, 2013

4. Ground water pollution and its impact on human health, in Department of Science and Technology, Sponsored State level Seminar on Impact of pollution : Assessment and Awareness, organized by Department of Zoology, Hooghly Women's College, held on 14-15th February, 2014

Full papers in conference Proceedings

1. Mahatma Gandhi's Satyagraha in the perspective of Indian Nationalism - some reflections, in U.G.C. Sponsored National level Seminar on "INDIAN NATIONAL CONGRESS : FROM PARTY TO MOVEMENT, FROM MOVEMENT, TO GOVERNANCE" organized on 7-8 February, 2012 jointly organized by the Department of History, Sreegopal Banerjee College, Magra and Institute of Historical Studies, Kolkata, Published on September, 2012, pp.46-50, ISBN : 01-901265-5-5
2. Justification of Euthanasia in the perspectives of Buddhist and Samkhya Philosophy, in U.G.C. sponsored National Level Seminar on "Euthanasia Medical Killings Conundrum VIS-À-VIS MORAL PERSPECTIVES" organized by B.N. Dutta Mahavidyalaya, held on 22.2.2012 and 02.03.2013, pp. 28-34, ISBN : 9789380663-975
3. Swami Vivekananda's View on Women Education and its relevance in Modern Era, in U.G.C. sponsored National Level Seminar on "Vivekananda on 150th Birth Anniversary" organized by Sreegopal Banerjee College, Dept. of Philosophy, Bagati, Magra, Hooghly held on 19.11.2013 and 20.11.2013, ISBN : 01-901265-4-7
4. Jatiyatabadi Andoloner patabhumite Rabindranather "Ghare-Baire" evam "Gora" Upanyas - Kichu alochona, in U.G.C. Sponsored State Level Seminar on "Historical consciousness in Late Nineteenth and Early Twentieth Century Bengal : Some Reflection" organized by Department of History of Khudiram Bose Central College, Kolkata, held on 22.2.2013 and 23.2.2013, ISBN : 978-93-812299-41-5

List Of Publications and Paper Presentations of Dr. Nandita Basu :

Title Of Paper	Journal Details	Pages	Year
Yoga & Technology	All India Sanskrit Conference	81 to 83	2012
An Ethical Approach of Yoga Philosophy for the Reformation Of Modern Society	A referred International Journal	135 to 142 Vol – 1 , No. – 3	2012
Yoga – A Science of Harmony in the Spiritual Heritage of India	National Seminar	33	2009
Yogic Intervention in the Ethical codes of Technology	Ethics in theory & Practice , State level Seminar ,	40 to 47	2008
A focus on Human Rights of Women under the PWDV Act	Edulight Journal	ISSN 2278 9545	
Does RTE Act – Eadicate child labour		ISBN – 978 – 93 – 313 – 2283 – 8, pp. 51 to 56	2014
Stress – A Harmful Modern Phenomenon		362 to 364	
Awareness & Implementation of PWDV – 2006 to the present society	National Seminar at Kalyani Unuversity		2015
Yogas the media to realize the	Indian Philosophical Congress	40	2000
The concept of Falsity in Advance Philosophy	South Asian Sanskrit Conference	40 – 41	1997

Evaluative Report of the Department of Music

1. Name of the department : MUSIC
2. Year of Establishment : 2006
3. Names of Programmes / courses offered : 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:
U.G.C.
7. Courses in collaboration with other universities, industries, foreign institutions :
Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of teachers sanctioned and present position: No of sanctioned post two are vacant, there are two part-time teachers & two guest teachers in the department.

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	01	0
Part-time Teachers	2	2
Guest Lecturers	2	2

10. Faculty profile with name, qualification, designation, specialization. (D. Sc. / D. Lit. / Ph. D. / M. Phil. Etc.)

Name	Qualification	Designation	Specialization	No of Years of Experience	No. of Ph. D. Students guided for the last 4 years
DEBIKA CHAKRABORTY	M.A. ; B. Ed.	Part-time Teacher	Khayal, Bangla Gaan	10 Yrs.	Nil
CHANDANA BASU	M.A.	Part-time Teacher	Rabindra Sangeet	7 yrs.	Nil
NABANITA GANGULY	M.A.	Guest Lecturer	Rabindra Sangeet	3 yrs.	Nil
PREDIP GANGULY	B. Com.	Guest Lecturer	Tabla	5 Yrs.	Nil

11. List of visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student-Teacher Ratio (Programme wise) :

Course	Year	Total Number of Students			Student- Teacher Ratio
		Part 1	Part 2	Part 3	
B. A. (Honours)	2011-12	22	19	8	61:4 (1st Year)
	2012-13	15	22	19	68:4 (2nd Year)
	2013-14	12	15	22	64:4 (3rd Year)
	2014-15	12	12	15	
	Total	61	68	64	

14. Number of academic support staff (technical) and administrative staff; sanctioned & filled: There is no position for separate Technical & Administrative staff for the department.: NIL

15. Qualification of teaching faculty with D.Sc./D. Lit./Ph. D./M.Phil./PG : PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: N.A.

17. Departmental projects funded by DST- FIST; UGC, DBT, ICSSR etc. And total grants received : NIL

i) Workshop sponsored by Hooghly Women's College

ii) Seminar sponsored by UGC.

18. Research Centre / facility recognized by the university: Nil.

19. Publications : NIL

a) Publication for faculty

b) Number of papers published in peer reviewed journals (national / international) by faculty & students.

c) Number of publications listed in International Database (For Eg. Web of Science, Scopus, and Humanities International complete, Dare Database – International Social Sciences Directory, EBSCO host etc.)

d) Monographs

e) Chapter in Books

f) Books edited

g) Books with ISBN/ISSN numbers with details of publishers.

h) Citation Index.

i) SNIP

j) SJR

k) Impact factor

l) h-index

20. Areas of consultancy and income generated: N.A.

21. Faculty as members in

a) National committees b) International committees c) Editorial Boards.: NIL

22. Student projects

b) Percentage of students who have done in-house projects including inter departmental/ programme : E. N. V.S. In house ; 100 %

- c) 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

a) Prof. Sunirmal Bhattacharya retired professor of Biswabharati university hosted a workshop in the College campus on 24 February 2015.

b) Dr. Susanta Kumar Samanta Prof. From R.N.K.W. (Gope) College (under Vidyasagar university) in west Midnapore hosted a seminar in our College campus ; Subject: "Effects of Rabindranath Tagore's song on Human Development".

25. Seminars / Conferences / Workshops organised & the source of funding

a) National

b) International

c) Departmental Seminar: Semimnar on Music, Speaker: Sushanta Kumar Samanta





26. Student profile programme / course wise

Name of the Course / programme (refer ques. No. 4)	Applications received	Selected	Enrolled		Pass Percentage
			*M	*F	
UG(2011-12)	40	22		22	100%
UG(2012-13)	30	15		15	100%
UG(2013-14)	20	12		12	100%
UG(2014-15)	25	13		12	Result not yet published

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from the other state	% of students from abroad
B.A. Music (Hons.)	100%	0	0
	S.C. -7	0	0
	OBC A -1	0	0
	OBC B-5	0	0

28. How many students have cleared national & state competitive examinations such as NET, SLET, GATE, Civil Services, Defence Services etc. : Nil

29. Student Progression

Student progression	Against % enrolled
UG to PG	50%
PG to M. Phil.	Information not available
PG to Ph. D.	Information not available
Ph. D. to Post- Doctoral	Information not available
Employed	No provision for campus recruitment Information not available
Campus selection Other than Campus recruitment	
Entrepreneurship/ Self-employment	Information not available

30. Details of Infrastructural facilities

- a) Library : Library belonging to the department - 495 books
- b) Internet facilities for staff & students : Nil
- c) Class rooms with ICT facility : Nil
- d) Laboratories: Musical Instruments i.e. Harmonium; Tabla ; Tanpura (both manual & electrical) etc.

31. Number of students receiving financial assistance from college , university, government or other agencies :

- a) "Kanyashree Prakalpa " get 11 students (Sponsored by Govt. Of West Bengal)
- b) West Bengal Minority Development - 1 student.
- c) OBC category gets help from Govt. Of West Bengal

32. Details on student enrichment programmes (special lectures / workshop / seminar) with external experts

Topic	Date	List of sponers	Funding agency
Bhanga Gaan / Workshop	24.02.2015	Prof. Sunirmal Bhattacharya (retd. Prof. Biswabharati university)	Hooghly Women's College
Effects of Tagore's song on Human Development	08.12.2015	Dr. Susanta Kumar Samanta (from R.N.K.W. College	UGC



33. Teaching methods adopted to improve student learning :

- a) Tutorial Classes
- b) Workshop
- c) Seminars

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
N.S.S.

35. SWOC analysis of the department and Future Plans :

Since inception of Music department in our college in the year 2006 we tried our level best to given every scope and guideline to our students and to keep it up for years to come. It may not be out of place to mention here that most of the students are from very remote villages where music is never encouraged. With all these odds, a few who come to us is not up to the mark. But with our determination & guideline good results came in.

Now we will bring some lacings which need to be looked into:

- 1) Insufficient classroom
- 2) Insufficient Musical Instruments.
- 3) Musical Books / CDs etc.
- 4) Promoting seminars / workshop regularly

- 5) Participation in National level competition
- 6) Above all a Computer

We are sure & determined to give our best for promoting our music department to a challenging college amongst others in the vicinity of Burdwan University

Annexure to the Evaluative Report of Department of Music

Some programmes organised by the Department of Music

Name of the Course / programme (refer ques. No. 4)	Number of Participants
Foundation Day	26
Sarad utsab	40
Barsha Mangal	15
150 yrs. Swami Vivekananda	25
Birth Centenary of B. C. Roy	13
150 Yrs. Of Digendralal Roy	13

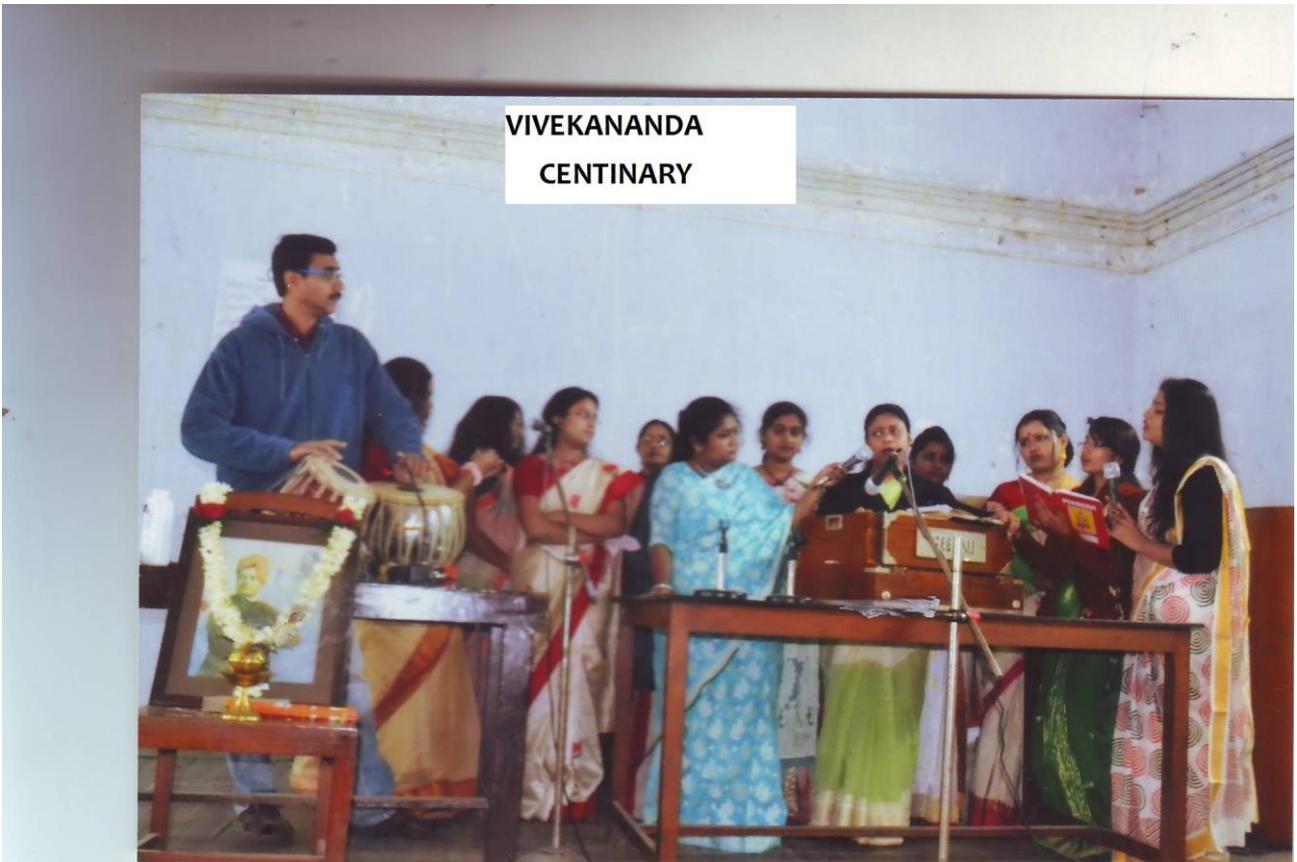
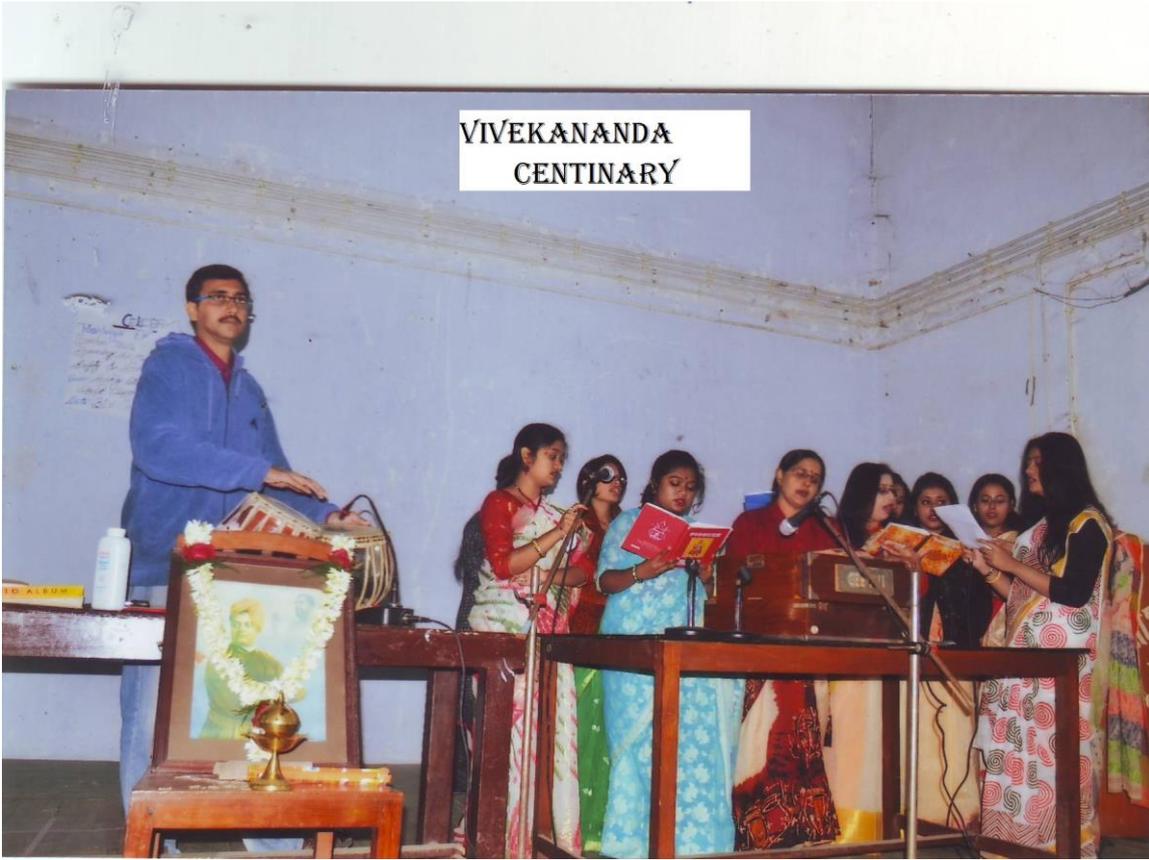


SARAD UTSAB



FOUNDATION DAY





Evaluative Report of the Department of History

1. Name of the department: History
2. Year of Establishment: 1949 (G) and Honours extension in 1952
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:
Education and Geography
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of Teaching posts

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	03	03
Asst. Professors	01	01

* All Base posts are Assistant Professor Post, upgraded by Career Advancement Scheme

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof.Mongola Ghosh Roy	M.A., M. Phil.	Associate Professor	African History	30	NIL
Dr. Barnali Chattopadhyay	M.A., Ph. D.	Associate Professor	Europe and Rural Women of Bengal	16	NIL
Prof. Sulekha Roy	M.A.	Associate Professor	History of Ancient India	27	NIL
Prof. Chandan Baisya	M.A.	Assistant Professor	History of Medieval India	5	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: N.A.

13. Student -Teacher Ratio (programme wise):

Programme	Student-Teacher Ratio
First year (Hons.)	10:1
Second year (Hons.)	8.75:1
Third year (Hons.)	9.5:1
First year(Gen.)	62.75:1
Second year (Gen.)	60.75:1
Third year (Gen.)	21:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A.
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
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: N.A.
18. Research Centre /facility recognized by the University: N.A.
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index
20. Areas of consultancy and income generated: N.A.
21. Faculty as members in
 - a) National committees: NIL
 - b) International Committees NIL
 - c) Editorial Boards....NIL

22. Student projects: NIL

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

23. Awards / Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists / visitors to the department:

1) Professor Amit De, University of Calcutta

2) Dr. Smriti Kumar Sarkar, Vice-Chancellor, University of Burdwan

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: NIL

b) International: NIL

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011 UG (H)	140	34		34	93.10%
2012 UG (H)	151	46		46	84.44%
2013 UG (H)	138	45		45	87.5%
2014 UG (H)	100	35		35	Result not published
2015 UG (H)	125	42		42	Result not published

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (2011)	100	NIL	NIL
UG (2012)	100	NIL	NIL
UG (2013)	100	NIL	NIL
UG (2014)	100	NIL	NIL
UG (2015)	100	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET Qualified: 2 (2011-15)

SET Qualified: 4 (2011-15)

29. Student progression

Student progression	Against % enrolled
UG to PG	75%
PG to M.Phil.	2%
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	No provision for campus selection 30%
Entrepreneurship/Self-employment	2%

30. Details of Infrastructural facilities

a) Library: One Seminar Library (Number of books; 338), students also use the Central Library of the college

- b) Internet facilities for Staff & Students: There is one computer in the staff-room, which has internet facility. Teachers can use it. Students can avail internet facilities in the Central Library.
- c) Class rooms with ICT facility: There are two classrooms in the college with ICT facilities. Teachers take classes in those class rooms whenever ICT facility is required.
- d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies:

College Scholarship:

- Sanchali Das Memorial Scholarship to the students of B.A. Part-III Examination of History (Honours) with cash prize of Rs. 800.
- Dhirendranath Ghosh Memorial Scholarship to the best students of B.A. Part-I Examination of History (Honours) with Books worth Rs. 750.
- Subarnalata Ghosh Memorial Scholarship to the best students of B.A. Part-II Examination of History (Honours) with Books worth Rs. 750.
- Financial Aid of Rs. 500 given by the Alumni Association of the College to the best students of First Year of both B.A. And B. Sc. Streams.

Other Scholarships:

Kanyashree Prokolpo:

2013-14: 12 beneficiaries

2014-15: 5 beneficiaries

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Date of seminar: 09.09.2015

Topic: Bharate Bhaktibad o Sufibader Koyekti Dik

Speaker; Dr. Amit De, University of Calcutta

33. Teaching methods adopted to improve student learning

- Class lecture is the general mode of teaching.
- Tutorial classes help the students to overcome their shortcomings and rectify their confusions.
- Need-based library classes.
- Students are encouraged to publish departmental magazine, 'Dipan' to develop their originality.

- Regular Educational Excursions to historical places for creating awareness about historical heritage of our country, specially our locality.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Students are actively involved with the college units of NSS. Some students are enrolled in the computer course conducted by College Computer Centre (Managed by Techno India Group). Students are enthusiastically involved in different programmes conducted by the 'Equal Opportunity Cell'.

35. SWOC analysis of the department and Future plans

S-O STRATEGIES:

- The faculty is interested in setting up an Environmental History Studies Cell and a room for archival collection in the department.
- Upgrading of one classroom with multimedia facilities to enhance the quality of teaching-learning using audio-visual aids.

W-O STRATEGIES

- Expansion of the department with availability of more space.
- Computers are required for administrative and academic works of the department.

S-C STRATEGIES

- Strict discipline among students is maintained to ensure a healthy academic environment in the department.

W-C STRATEGIES

- Special classes are held to complete syllabus within the short time schedule available in addition to tutorial classes.

SWOC ANALYSIS

STRENGTH:

- Dedicated teachers.
- Students show good academic output in University Examinations.

- The students actively participate in different co-curricular and extra-curricular activities like attending seminars, workshops or bringing out wall magazine, 'Dipan'.
- Students learn their moral and social responsibilities through their activities in the NSS units and the 'Equal Opportunity Cell' of the college.
- Regular excursions to historical places for creating awareness about historical heritage of our country, specially, our locality.
- Well-stocked seminar library.

WEAKNESS:

- Insufficient built-in space for classrooms, seminar library and a room for archival collection.
- No administrative staff to handle administrative work of the department.
- No departmental fund for books and small recurring expenses of the department.

OPPORTUNITY:

- Excellent student-teacher interaction that is constructive in orienting students towards higher studies, research and in general, shaping up their career.
- Teachers are engaged in various research work and publish their articles regularly in peer-reviewed journals.

CHALLENGE

- 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 Burdwan.

Pictures of Departmental Seminar of History Department





Annexure to the Evaluative Report of Department of History

Smt. Mongola Ghosh Roy.

List of National & International seminars, conferances, symposia & workshop attended by Smt. Mongola Ghosh Roy, Associate Professor, Deptt. Of History, Hooghly Women's College.

Seminars Attended:

1. Seminar lecture Bhudeb and Bankim : Their views of Indian Nationalism, sponsoring agency : Hooghly Mohsin College, place & date : Hooghly Mohsin College, Hooghly 04.02.2011.
2. UGC sponsored National level seminar on XII th plan perspectives of Higher Education. Sponsoring agency UGC, Place & date : University of Calcutta, 07.12.2013.
3. State level seminar on Impact of Pollution : Assessment & awareness, Sponsoring

agency : Department of Science & Technology, Place & date : Hooghly Women's College, Hooghly, 14 & 15th February, 2014.

4. UGC Sponsored State level seminar on women : Their contribution towards society, Sponsoring agency : UGC, Place & date : Hooghly Women's College, Hooghly, 02.09.2014.
5. National level seminar on trends in contemporary Indian Historical studies, crises and Transaction, Sponsoring agency WBCUTA & WBSUTA, Place & date: Mahadebananda Mahavidyalaya, Barrackpore, North 24 PGS, 20.12.2014.
6. Workshop for Reconstruction of syllabus of courses in History, Burdwan University, Department of History, Burdwan University, 27.03.2015.

Smt. Sulekha Roy.

Publications :

1. Madhyayugiya Vidya Church Kendra nabadwip (in Bengali).
(Nabadwip : Centre of Higher Education in Medical period.)
First Published : April, 2008. Publisher : Bharat Vidya Charcha Kendra, Burdwan.
ISBN - 978-81-921219-6-3
2. Sri Sri Ramkrishna Kathamriter Ajoy Sri Krishna - Chaitanya (in Bengali)
(Sri Krishna Chaitanya as reflected in Gospel of Sri Ramkrishna Kathamrita)
First published : January, 2013. Publisher : Nabadwip puratattra parishad,
Nabadwip. ISBN : 978-81-925677-0-9

Awards: Award received for the article (Sri ramkrishna Kathamriter alloy Sri Krishna Chaitanya) presented in the 16th annual conference of Nabadwip puratattra parishad, 2009.

Seminars Attended:

1. 08.10.2007 - National seminar - The University of Burdwan - BU
2. 01.02.2008 - State level seminar - Chandanagore College - Deptt. Of Higher Education.
3. 27 & 28th march 2008 - National seminar - Bijoy Krishna Girls College - UGC.
4. 2 & 3rd April, 2008 - National seminar - Bijoy Krishna Girls College - UGC.
5. 9th Sept., 2008. - State level seminar - Hooghly Women's College - UGC.
6. 18th Sept, 2008 - International seminar - Ramkrishna Mission Sikha Mandir - UGC.
7. 29th Nov, 2008 - Workshop - Rabindra Bharati University - Rabindra Bharati & W.B. Commission for women.
8. 16th feb to 26th feb, 2009 - Workshop - The Asiatic Society - The Asiatic Society.
9. 19 & 20th March, 2009 - National seminar -The University of Burdwan - BU
10. 5 & 6th Nov, 2009 - National seminar - Sree Gopal Banerjee College - UGC.
11. 25 & 26th March, 2010 - International seminar - The University of Burdwan - BU

- 12 15 & 16th Sept. 2010 – State level seminar – Hooghly Mohsin College – UGC.
- 13 16 & 17th March 2011 – International seminar – The University of Burdwan – BU.
- 14 16th – 20th July, 2012 – Workshop – Raja N.L.Khan College, W. Midnapur. – UGC

Dr. Barnali Chattopadhyay

Seminar Attended/Presented Paper

1. Participated in UGC Sponsored National Level seminar on “ Indian National Congress: From party to movement, from movement to governance”, 7/2/2012, organised by department of History, Sri Gopal Banerjee College, Bagati, Magra.
2. Participated and presented a paper entitled, “A glimpse of rural Bengali women in 19th - 20th century” in UGC-Sponsored National Seminar on “Women. Empowerment and Environmental Sustainability” held at Simurali Sachinandan College of Education, Simurali, Nadia, on 21-22 March 2013.
3. Participated in State level Seminar at Department of Zoology, Hooghly Women’s College on “ Impact of Pollution : assessment and awareness”.
4. Participated in the workshop for Academic Administrators sponsored by NQRI of NAAC organized by the University of Burdwan on 30-31 Oct 2014.

Paper Published:

1. Published paper in M.S. Academic Journal, Vol 3, No. 2, August 2013, ISSN 2229-6484
2. Published paper on “Women Empowerment and Environmental Sustainability” (Proceedings on UGC-Sponsored National Seminar held at on 21-22 March, 2013. ISBN No. 978-81-922902-5-6.

Chandan Baisya

Seminar Attended/Presented Paper

1. Bhudeb and Bankim : Their Views of Indian Nationalism, in Hooghly Mohsin College, Hooghly, 04/02/2011
2. UGC Sponsored State Level Seminar, Women : Their Contribution towards society, in Hooghly Women’s College, Hooghly, 02/09/2014
3. UGC Sponsored State – Level Workshop on Basic Data Handling For Empirical Research in Humanities and Social Sciences : Use of SPSS and STATA Software, in Hooghly Women’s College, Hooghly. 13th and 14th January, 2015.
4. UGC Sponsored State – Level Workshop on Research Methodology in Language and Literature Studies : Probable Problems and Solutions and Creating a Space for Innovation, in Hooghly Women’s College, Hooghly, 13th and 14th February, 2015.

Awards:

- (1) Siksha Rattan Puraskar,

(2) Rashtriya Gaurav Award

Publications:

1. Trends in Contemporary Indian Historical Studies : Crises and Transition, in International Journal of Humanities and Aesthetics, Edited by Biswajit Karmakar, June, 2015, ISSN 2394 - 1898



Educational Tour of the Department of History

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE

1. Name of the Department: Political Science
2. Year of Establishment: 1961 General Course and 2007 Honours Course.
3. Names of Programmes/Course offered (UG, PG, M.Phil, Ph.D, Integrated Masters; Integrated Ph.D. etc.): UG
4. Names of interdisciplinary courses and the departments/unit involve public relations Advertising and Multimedia and Animation (UGC sponsored career-oriented courses) and Women's Studies: History and Philosophy.
5. Annual/Semester/choice based credit system (programme wise) : Annual
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, foreign institutions,etc. : NIL
8. Details of courses programmes discontinued (if any) with reasons : NIL
9. Number of teaching posts

	Sanctioned	Filled
Professor		
Associate Professor		
Assistant Professor	2	Vacant

- ❖ One Part Time Teacher and Three Guest Lecturers in the department present position.

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D/M.Phil.etc)

Name	Qualification	Designation	Specialization	No.of years of experiance	No.of Ph.D Students guided for the last 4 years
Nilanjan Ghorai	M.A.,M.Phil	Part Time Teacher	India and her Neighbours	From 2008 (7 Years)	NA
Anirban Das	M.A.	Guest Lecturer	Public Administration	From 2011 (4 Years)	NA
Priyachari Ganguly	M.A.	Guest Lecturer	Political Sociology	From 2011 (4 Years)	NA
Anindita Chatterjee	M.A.	Guest Lecturer	India and her Neighbours	From 2015, August (4 Months)	NA

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA

13. Student-Teacher Ratio (programme wise)

Course	Year	Total number of Students 2014-15	Student Teacher Ratio
B.A.(Honours)	1 st Year	13	11.2:4
	2 nd Year	11	
	3 rd Year	21	
	Total	45	

14. Number of academic support staff (technical) and administrative staff ; sanctioned and filled: NIL

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D/M.Phil/PG:

Teaching Faculty with Ph.D	0
Teaching Faculty with M.Phil	1
Teaching Faculty with M.A.	4

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 Center/facility recognized by the University: NA

19. Publications:

a) Publication per faculty: 1

* Number of papers published in peer reviewed journals (national / international) by faculty and students:

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers: Indus water treaty- Contemporary Implication for the India-Pakistan relations, Lambert Publishers, 2012.

* Citation Index

* SNIP

* SJR

* Impact factor

* h-index

20. Areas of consultancy and income generated: NIL

21. Faculty as a members in a)National Committees b)International Committees c)Editorial Boards: NA

22. Students Projects:

a) Percentage of students who have done in-house projects including inter departmental programme : Environmental science projects 100% in-house.

b) Percentage of students placed for projects in organizations outside the institution i.c. in Research laboratories/industry/other agencies: NA

23. Awards/Recognitions received by faculty and students:

1) Dr. Sukanta Ganguly Memorial Award by Teachers' Council:

❖ In the memory of Late Dr.Sukanta Ganguly, Ex-Professor of Political Science of Teacher's Council of the College.

❖ Award to best 3 Honours students of Political Science of B.A. Part III examination.

2) Highest marks achieved in the best B.A. Part III Examination Political Science Honours is awarded by the college.

3) Kanyashree Prokolpo: 2013-14-----10 Students.

24. List of eminent academicians and scientist /visitors to the department: NIL

25. Seminars/Conferances/Workshops organized & source of funding: NA

a) National: NIL

b) International: NIL

26. Student profile programme/course wise:

Name of the course/programmme	Application received	Selected	Enrolled		Pass Percentage
			Male	Female	
Under Graduate(UG)					
2011-12	89	14		14	88.23%
2012-13	130	20		20	66.66%
2013-14	121	21		21	76.19%
2014-15	191	12		12	81.81%

27. Diversity of Students:

Name of the Course	% of the students from the same state	% of students other state	% of student from abroad
B.A.Pol.Sc.Honours			
2011	100%	-----	-----
2012	100%	-----	-----
2013	100%	-----	-----
2014	100%	-----	-----

28. How many students have cleared national and state competitive examinations such as NET,SET,GATE,Civil Services,Defences Services etc.: Information is not available

29. Student progression

Student Progression	Against % enrolled
UG to PG	70%
PG to M.Phil	-----
PG to Ph.D	-----
Ph.D to Post-Doctoral	-----
Employed ❖ Campus Selection ❖ Other than campus recruitment	-----
Entrepreneurship/Self-employment	-----

30. Details of Infrastructural facilities:

- ❖ Library: Books are available in the Central Library for the department-1528 (according to register upto 01.12.2015)

31. Number of students receiving financial assistance from college, university, Government of other agencies: Kanyshree Prokolpo from Government: 2013-14-----10 Students.

32.Details on student enrichment programmes (special lectures/workshop/seminar) with external experts:

Topic	Date	List of Speakers	Funding Agency
i)Fascism ii)Bell & Fukuyama Debate iii)Indian Foreign Policy (Special Lecture)	18 th December,2015	Dr.Madhuparna Gupta Assistant Professor of Department of Political Science in Chandernagore College	College





33. Teaching methods adopted to improve student learning:

- ❖ a) Class lecture is the general mode of teaching.
- b) Tutorial classes help the students to overcome their short coming and rectify their confusion.
- c) Need based library classes.
- d) Educational Excursion

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- ❖ Students of the hostel are associated with the endeavour to teach underprivileged children. Moreover students are also actively involved with the college unit of the N.S.S.

35. SWOC analysis of the Department and Future plan:

Strengths:- Highly motivated and competent faculty members with different specialization backgrounds.

Weakness:- a) No Full-Time teacher

- b)No administrative staff handle administrative work of the department.
- c)No Seminar Library
- d)No computer facilities with internet connection.

Opportunities:-Excellent student-teacher interaction that is constructive in orienting students towards higher studies research and in shaping their careers.

Challenges:-Limited freedom deploying innovative teaching methods due to syllabus and time constraints arising from the (1+1+1) examination system adopted by The University of Burdwan.

Annexure to the Evaluative Report of Department of Political Science

NILANJANA GHORAI

Workshop

1.UGC Sponsored State-Level Workshop on Basic Data for Empirical Research in Humanities Social Sciences:Use of SPSS and STATA Software on 13th & 14th January 2015 in Hooghly Women' College.

Publication

Indus water treaty-Contemporary Implication for the India-Pakistan relations.Lambert-2012

ANIRBAN DAS

Workshop

1.UGC Sponsored State-Level Workshop on Basic Data for Empirical Research in Humanities Social Sciences: Use of SPSS and STATA Software on 13th & 14th January 2015 in Hooghly Women' College.

Seminar

1.UGC Sponsored National Seminar on Globalization and Public Administration Today:The Indian Experience organised by _Dept.of Political Science,The University of Burdwan on 13th April 2010.

2.Two-Day National Seminar on Proverty Alleviation,Social Inclusion and Democratic Governance in India organized by Dept.of Political Science,The University of Burdwan on 27th & 28th March 2014.

Educational Excursion of Department of Political Science Photo



EVALUATIVE REPORT OF THE DEPARTMENT OF EDUCATION

1. Name of the Department: Education
2. Year of Establishment: 2007 General Course and 2013 Honours Course.
3. Names of Programmes/Course offered (UG, PG, M.Phil, Ph.D, Integrated Masters; Integrated Ph.D. etc.);UG
4. Names of interdisciplinary courses and the departments/unit involve public relations Advertising and Multimedia and Animation (UGC sponsored career-oriented courses) and Women's Studies: History 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: NIL
7. Courses in collaboration with other universities,foreign institutions,etc. : NIL
8. Details of courses programmes discontinued (if any) with reasons : NIL
9. Number of teaching posts

	Sanctioned	Filled
Professor		
Associate Professor		
Assistant Professor	1	Vacant

❖ **Two Part Time Teachers and One Guest Lecturer in the department present position.**

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D/ M.Phil. etc)

Name	Qualification	Designation	Specialization	No.of years of experiance	No.of Ph.D Students guided for the last 4 years
Sovana Shi	M.A.,M.Phil, M.Ed	PTT	Population Education & Guidance Counselling	From 2000 (15 Years)	NA

Gulsan Khatun	M.A.	PTT	Special Education & Educational Management	From 2007 (8 Years)	NA
Sunita Shaw	M.A.,B.Ed, NET	Guest Lecturer	Mental Health & Mental Hygiene, Teacher Education	From 2014 (1 Years)	NA

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA

13. Student-Teacher Ratio (programme wise)

Course	Year	Total number of Students 2014-15	Student Teacher Ratio
B.A.(Honours)	1 st Year	28	31:1
	2 nd Year	32	
	3 rd Year	33	
	Total	93	

14. Number of academic support staff (technical) and administrative staff ; sanctioned and filled: NIL

15. Qualification of teaching faculty with D.Sc./D.Litt./Ph.D/M.Phil/PG:

Teaching Faculty with Ph.D	0
Teaching Faculty with M.Phil	1
Teaching Faculty with M.A.	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: NA

18. Research Center/facility recognized by the University:NA

19. Publications: 01

- ❖ Sunita Shaw,
Topic-Mental Amities & Aesthetics
ISBN No.-2394-1898

20. Areas of consultancy and income generated: NA

21. Faculty as a members in a)National Committees b)International Committees
c)Editorial Boards: NA

22. Students Projects:

a) Percentage of students who have done in-house projects including inter departmental programme :

- Environmental science projects 100% in-house.

b) Percentage of students placed for projects in organizations outside the institution i.c. in Research laboratories/industry/other agencies:NA

23. Awards/Recognitions received by faculty and students:NIL

24. List of eminent academicians and scientist /visitors to the department:NIL

25. Seminars/Conferances/Workshops organized & source of funding:

a) National: NIL

b) International : NIL

26. Student profile programme/course wise:

Name of the course/programmme	Application received	Selected	Enrolled		Pass Percentage
			Male	Female	
Under Graduate(UG)					
2013-14	265	30	-----	30	94%
2014-15	306	35	-----	35	Result not Published
2015-16	351	38	-----	38	

27. Diversity of Students:

Name of the Course	% of the students from the same state	% of students other state	% of student from abroad
B.A.Pol.Sc.Honours			
2013	100%	-----	-----
2014	100%	-----	-----
2015	100%	-----	-----

28. How many students have cleared national and state competitive examinations such as NET,SET,GATE,Civil Services,Defences Services etc.: NA

29. Student progression

Student Progression	Against % enrolled
UG to PG	N.A.
PG to M.Phil	-----
PG to Ph.D	-----
Ph.D to Post-Doctorol	-----
Employed ❖ Campus Selection ❖ Other than campus recruitment	-----
Enterprencurship/Self-employment	-----

30. Detail of Infrastructural facilities:

- Library: Central Library belongs to the department-692 Books.

31. Number of students receiving financial assistant from college, university, Government of other agencies: Kanyshree Prokolpo from Government:

32. Details on student enrichment programmes (special lectures/workshop/seminar) with external experts:

Topic	Date	List of Speakers	Funding Agency
Metal Health & Mental Hygiene	8 th December,2015	Dr.Abhijit Kumar Pal	College



33. Teaching methods adopted to improve student learning:

- ❖ a) Class lecture is the general mode of teaching.
- b) Tutorial classes help the students to overcome their short coming and rectify their confusion.
- c) Need based library classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- ❖ Strudents of the hostel are associated with the endeavor to teach underprivileged children. Moreover students are also actively involved with the college unit of the N.S.S.

35. SWOC analysis of the Department and Future plan:

Strengths:-Highly motivated and competent faculty members with different specialization backgrounds.

Weakness:- a)No Full-Time teacher

b)No administrative staff handle administrative work of the department.

c)No Seminar Library

d)No computer facilities with internet connection.

Opportunities:-Excellent student-teacher interaction that is constructive in orienting students towards higher studies research and in shaping their careers.

Challenges:-Limited freedom deploying innovative teaching methods due to syllabus and time constraints arising from the (1+1+1) examination system adopted by The University of Burdwan.

Annexure to the Evaluative Report of Department of Education

Shovana Shi

Workshop

1.UGC Sponsored State-Level Workshop on Basic Data for Empirical Research in Humanities Social Sciences:Use of SPSS and STATA Software on 13th & 14th January 2015 in Hooghly Women' College.

Seminar

1. (Venue Burdwan University)

2.(Venue Hooghly Women's College)

Gulsan Khatun

Workshop

1.UGC Sponsored State-Level Workshop on Basic Data for Empirical Research in Humanities Social Sciences:Use of SPSS and STATA Software on 13th & 14th January 2015 in Hooghly Women' College.

Seminar

1.Venue Hooghly Womwn' College

2.West Bengal State University

Sunita Shaw

Seminar

1.Venue West Bengal State University,Barasat

Publication

Paper in a Journal-International Journal of humanities and aesthetics.

ISSBN No-2394-1898

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS

1. Name of the Department : Physics
2. Year of Establishment :UG (General)- 1960
UG (Honours) - 1978
3. Names of Programmes / Courses offered :UG
4. Names of Interdisciplinary courses and the Departments/units involved : NA
5. Annual/ semester/choice based credit system (Programme wise) : Annual
6. Participation of the department in the courses Offered by other departments : NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NA
8. Details of courses/programmes discontinued (If any) with reasons : NA
9. Number of Teaching posts

	Sanctioned	Filled
Asst. Professors	05	04

*One post for Guest Faculty is sanctioned.

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil. etc.):

Name	Qualification	Designation	Specialization	No. of years of experience
Chirantan Hazra (H.O.D)	M.Sc.	Assistant Professor	Solid State Electronics	18 months, Purulia Polytechnic (A Govt. Of WB institute)
Forkan E Aman	M.Sc.	Assistant Prof.	Nuclear Elementary Particle Physics	Nil
Solagna Modak	M.Sc., Ph.D.	Assistant Prof	Electronics and Radio Physics	6 month Seacom Engineering College
Punarbasi Bose	M.Sc. Ph.D.	Assistant Prof.	Solid State Physics	11 years, Bankura Christian College, Bankura

11. List of senior visiting faculty :Nil

Teaching Faculty with Ph. D	2
Teaching Faculty with P. G	2

faculty (UG)

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary

:NA

13. Student -Teacher Ratio (programme wise) :7.5:1

14. Number of Technical support staff (Lab) :1 (permanent),
1(Casual sanctioned)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/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: : Nil

18. Research Centre /facility recognized by the University : Nil

19. Detailed of the list of publications :

a) Publication per faculty:

Number of papers published in peer reviewed journals (national / international) by faculty and students: By Faculty: 17

By Students: 0

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :

- * Monographs: 2
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

20. **Areas of consultancy and income generated** : NA

21. **Faculty as members in National committees, International Committees, Editorial Boards:**

Name of the Faculty	National Committee	International Committee	Others	Membership No.
Dr. Punarbasu Bose			Life member, Indian Physical Society	
			Life member, Indian Association of Physics Teacher . (IAPT)	L4477
Chirantan Hazra			Life member, Plasma Science Society of India (PSSI)	LM1246

22. **Student projects**

Percentage of students who have done in-house projects including inter departmental/ programme: 100% students used to be involved in ENVIS project as a part of course curriculum.

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.

25. List of eminent academicians and scientists/visitors to the department :Nil

26. Seminars/Conferences/Workshops organized & the source of funding: a) National :NIL, b) International: NIL,

c) Departmental:

Seminars/Conferences/ Workshops organized	Date	Source of funding	Name of the Speaker
Raman and his effect	19/12/2015	College Fund	Dr. Abhijit Chakraborty, Assistant Professor, Department of Physics, The University of Burdwan.





27. Student profile programme/course wise:

Session	Applications Received	Selected	Enrolled	Pass Percentage
2011	88	21	17	50
2012	105	21	11	83.3
2013	94	21	7	60
2014	126	25	14	60
2015	149	30	30	33.3

28. Diversity of Students : All from the same State

29. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
: Information not available

30. Student Progression

Year	UG- PG
2011- 2012	33%
2012- 2013	33%
2013- 2014	50%
2014- 2015	60%

31. Details of Infrastructural facilities:

- Number of books in central library : 472
- Departmental Seminar Library : 137
- Total No. of class room : 3
- Class room with ICT facility : available centrally
- Laboratories : 3 (Electrical- 1), (Nonelectrical- 1), (Dark room- 1)
- Internet facility for staff and students: Yes (Students are allowed to use internet facility under the guidance of teacher)

32. Number of students receiving financial assistance from college, University, Government or other agencies:

Year	WB Kanyashree Scholarship	WB Minority Welfare Scholarship
2011- 2012	NA	Nil
2012- 2013	NA	1
2013- 2014	1	1
2014- 2015	1	3

33. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Departmental Seminar:

Seminars/Conference s/ Workshops organized	Date	Source of funding	Name of the Speaker
Raman and his effect	19/12/2015	College Fund	Dr. Abhijit Chakraborty, Assistant Professor, Department of Physics, The University of Burdwan.

34. Teaching methods adopted to improve student learning:

- Chalk and talk
- ICT tools
- Charts and models
- Practical experiments as per course curriculum
- Seminar lectures on current topics
- Students presentations and interactive

- session
- Internet facility
- Supply of study materials
- Access to INFLIBNET through the teachers



35. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- NSS
- Departmental Fest
- Educational Tour

36. SWOC analysis of the department and Future plans:

- **Strength**

- All the faculty members are freshly recruited by the end of academic session 2014-2015. They are highly energetic and thriving with innovative ideas to improve the academic environment of the department.
- Sincere and co-operative non-teaching staff.
- Faculty members are involved in active research work in collaboration with different Universities e.g. **The University of Burdwan, Jadavpur University, Kalyani University etc.**
- Some interdisciplinary classes are arranged in some common topics with other departments.
- Good collection of text and reference books in central and departmental library.

- We have high speed broad-band internet facility and Wi-Fi facility for teachers as well as for students.
 - Well equipped laboratory with plenty of good quality instruments.
 - Physics department is one of the oldest department (honours) in our college.
 - Tutorial classes and evaluation on regular basis.
 - Caring teachers who respond to the needs of the students.
 - Friendly relations between the teaching and non-teaching staff.
- **Weakness**
 - Shortage of space for classrooms and laboratories in comparison to the student capacity and class distribution.
 - Low full-time faculty strength (nearly for the last two and half years there was no full- time faculty.)
 - Shortage of adequately trained technical staff.
- **Opportunity**
 - Opportunity to visit the laboratories with students in different research institutes and Universities.
 - Tutorial classes for different entrance examinations to PG courses e.g. JAM, JEST etc.
 - More interaction with scientists in relevant topics.
- **Challenges**
 - Provision for in-house projects (for better learning and adequate laboratory knowledge) for students during the vacation.
 - Dedicated room for seminars.
 - To make, all of the students active and enthusiastic about the recent developments in scientific research.
 - Motivating meritorious students to take up academics as a career which would benefit posterity
- **Future Plan**
 - Regular seminars and Memorial lectures by eminent professors from reputed Universities and Research Centres.
 - Modernisation of classrooms with latest technological gadgets and ICT tools.
 - To subscribe some relevant research journals.

Annexure to the Evaluative Report of Department of Physics

Dr. Punarbasu Bose

- S. K. Pradhan, S. K. Shee, A. Chanda, P. Bose, M. De, Mater. Chem. Phys. [Elsevier Science], 68 (2001) 166-174. [X-ray studies on the kinetics of microstructural evolution of Ni₃Al synthesized by ball milling elemental powders.]
- P. Bose, S.K. Shee, S.K. Pradhan and M. De, Materials Engg., [Italy] 12 (2001) 353-369. [X-ray characterization of microstructure and its correlation with mechanical property of CdAg alloys.]
- P. Bose, S.K. Shee, S.K. Pradhan and M. De, Materials Engg. [Italy], 13 (2002) 299-315. [Microstructural characterization and mechanical property of Cd-48.7 wt.% Ag alloy.]
- P. Bose, S. Bid, S. K. Pradhan, M. Pal, D. Chakravorty, J. Alloys and Compounds [Elsevier Science], 343 (2002) 192-198. [X-rays characterization of nanocrystalline Ni₃.]
- P. Bose, S. K. Pradhan and Suchitra Sen, Mater. Chem. Phys. [Elsevier Science], 86 (2003) 73-81. [Rietveld analysis of polymorphic transformations of ball milled anatase TiO₂.]
- S.K. Manik, P. Bose, S.K. Pradhan, Mater. Chem. Phys. [Elsevier Science], 82 (2003) 837-847. [Microstructure characterization of ball milled prepared nanocrystalline Zn₂TiO₄ by Rietveld method.]
- M. PAL, S.K. Pradhan, P. Bose, A. Datta, D. Chakravorty, Physica E [Elsevier Science], 31 (2006) 224-227. [Order- disorder transition in nanocrystalline Ni₃Al prepared by a chemical route.]

Dr. Solagna Modak

- P. K. Chakrabarti, K. N. Chattopadhyay, S. Modak, J. Mondal, Hyperfine Interactions 175, 131 (2007). [Magnetic, thermal and hyperfine behaviours of Tm³⁺ in TmPO₄, YPO₄ and LuPO₄: a comparative study.]
- S. Modak, S. Karan, S. K. Roy, S. Mukherjee, D. Das, P. K. Chakrabarti, Journal of Magnetism and Magnetic Materials, 321, 169 (2009). [Preparation and characterizations of SiO₂ – coated nanoparticles of Mn_{0.4}Zn_{0.6}Fe₂O₄]
- S. Modak, M. Ammar, F. Mazaleyrat, S. Das, P.K. Chakrabarti, Journal of Alloys and Compounds, 473, 15 (2009). [XRD, HRTEM and magnetic properties of mixed spinel nanocrystalline Ni-Zn-Cu-ferrite]

- S. Acharya, A. Bandyopadhyay, S. Modak, S. Mukherjee, D. Das, P.K. Chakrabarti, *Journal of Magnetism and Magnetic Materials*, 321, 2701 (2009). [XRD, HRTEM, magnetic and Mössbauer studies on chemically prepared Fe₃₊ - doped nanoparticles of cerium oxide]
- A. Bandhu, S. Mukherjee, S. Acharya, S. Modak, S. K. Brahma, P. K. Chakrabarti, *Solid State Communications*, 149, 1790 (2009). [Dynamic magnetic behaviour and Mössbauer effect measurements of magnetite nanoparticles prepared by a new technique in the co-precipitation method]
- S. Modak, S. Acharya, A. Bandyopadhyay, S. Karan, S. K. Roy, P. K. Chakrabarti, *Journal of Magnetism and Magnetic Materials*, 322, 283 (2010). [Micro-structural investigations and paramagnetic susceptibilities of zinc oxide, europium oxide and their nanocomposite]
- Bandyopadhyay, S. Modak, S. Acharya, A. K. Deb, P. K. Chakrabarti, *Solid State Sciences*, 12, 448 (2010). [Microstructural, magnetic and crystal field investigations of nanocrystalline Dy³⁺ doped zinc oxide]
- S. Modak, S. Karan, S. K. Roy, P. K. Chakrabarti, *Journal of Applied Physics*, 108, 093912 (2010). [Static and dynamic magnetic behavior of nanocrystalline and nanocomposites of (Mn_{0.6}Zn_{0.4}Fe₂O₄)_(1-z)(SiO₂)_z (z = 0.0, 0.10, 0.15, 0.25)].
- K. Mukhopadhyay, S. Sutradhar, S. Modak, S. Roy, P. K. Chakrabarti, , *The Journal of Physical Chemistry C*, 116, 4948 (2012). [Enhanced Magnetic Behavior of Chemically Prepared Multiferroic Nanoparticles of GaFeO₃ in (GaFeO₃)_{0.50} (Ni_{0.4}Zn_{0.4}Cu_{0.2} Fe₂O₄)_{0.5} Nanocomposite].

PAPER PRESENTED/ ACCEPTED IN NATIONAL/ INTERNATIONAL CONFERENCE/ WORKSHOP:

- Soft magnetic properties of nanocrystalline Ni-Zn-Cu Ferrite, S. Modak, S. Das, M. Ammar, F. Mazaleyrat and P.K.Chakrabarti, *Proceedings of the DAE Solid State Physics Symposium* (2007).
- Preparations and characterizations of SiO₂ coated nanoparticles of Zn substituted manganese ferrite in core/shell structure, S. Modak, S. Mukherjee, D. Das, P.K. Chakrabarti, *International Conference on Soft System (ICSS-2008)*, February 13-15, 2008, Indian Society for Surface Science and Technology and Centre for Surface Science, Department of Chemistry, Jadavpur University, Kolkata- 700032, India.

- Fourth National Workshop on Characterisation of Laser & Nanomaterials (FNWCLNM- 2008), March 7-8, 2008, Department of Physics, The University of Burdwan, Burdwan- 713104, West Bengal, India.
- National Seminar on Recent Advances in Physics (NSRAP), March-27 & 28, 2008, Department of Physics, The University of Burdwan, Burdwan- 713104, West Bengal, India.
- Optical and magnetic studies on chemically synthesized nanocomposite system of $[(\text{ZnO})_{(1-x)} (\text{Eu}_2\text{O}_3)_x]$ ($x = 0.45$), S. Modak, A. Bandyopadhyay, S. Acharya and P.K. Chakrabarti, National Workshop on Radiation Science and Applications, November 10-12, 2008, Department of Physics, The University of Burdwan, Burdwan- 713104, West Bengal, India.
- National Seminar on New Era in Nuclear and Particle Physics (NENPP - 08), November 28-29, 2008, Department of Physics, The University of Burdwan, Burdwan- 713104, West Bengal, India.
- 1st International Conference on Nanostructured Materials and nanocomposites (ICNM- 2009), April 6-8, 2009, Institute of Macromolecular Science and Engineering (IMSE), Perumpankodu, Kottayam- 686028, Kerala, India.
- XRD, HRTEM, Mössbauer spectroscopy and magnetic studies of SiO_2 coated nanoparticles of $\text{Mn}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ in core/ shell structure, S. Modak, S. Karan, K. Mukhopadhyay, A. Bandhu, S. K. Roy, D. Das, P. K. Chakrabarti. International Conference on Radiation Physics and Its Applications-2010.
- Estimation of particle sizes, their distributions and nanocrystalline magnetic anisotropy of nanocomposite $(\text{Mn}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4)_{(1-z)}(\text{SiO}_2)_z$ [$z = 0.0, 0.10, 0.15, 0.25$], S. Modak, B. Bhushan, S. Karan, A. Bandyopadhyay, J. Mandal, B. J. Sarkar, M. Dalal, A. Bandhu, D. Das and P. K. Chakrabarti, 21st West Bengal State Science and Technology Congress, February 20- 21, 2014, The University of Burdwan, Golapbag, Burdwan, 713104

Chirantan Hazra

Conference presentation

- Dispersion relation for MHD waves at two solar radiuses over photosphere of sun. C.Hazra, A.Chakravarty, M.Bose, Plasma Scholar's Colloquium-2015(PSSI-PSC-15), August,2015, Dept. Of Physics, Jadavpur University, Kolkata-32

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY

1. Name of the department: Chemistry
2. Year of establishment: 1961
3. Name of programmes/ courses offered (UG, PG, MPhil, Ph.D, Integrated Masters, Integrated Ph.D etc.): UG
4. Names of Interdisciplinary courses and the departments/ units involved: NA
5. Annual/ Semester/ choice based credit system (Programme wise): Annual
6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions etc.: NA
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. Number of teaching posts:

	Sanctioned	Filled
Professor	0	0
Associate professor	0	0
Assistant professor	4	4

10. Faculty profile with name, qualification, designation, specialization (D. Sc./ D. Litt./ Ph.D/ M.Phil etc.)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D students guided for the last 4 years
Dr. Sadhan Pramanik	Ph.D	Assistant Professor	Nuclear and Analytical Chemistry	9 years	N.A.
Prof. Satyajit Biswas	M.Sc	Assistant Professor	Organic Chemistry	9 years	N.A.
Prof. Biplab Mondal	M.Sc	Assistant Professor	Inorganic Chemistry	9 years	N.A.
Dr. Anup Biswas	M.Sc	Assistant Professor	Organic Chemistry	2 years	N.A.
Dr. Harideb Sil	Ph.D	Guest Faculty	Physical Chemistry	30 years	N.A.
Prof. Swastika Dhar	M.Sc	Guest Faculty	Physical Chemistry	4 years	N.A.

11. List of senior visiting faculty: NA

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Theory	13.59%
Practical	16.27%

13. Student-Teacher Ratio (Programme wise):

Course	Year	Total no. of students (2015-2016)	Student: Teacher	Overall Student: Teacher
B.Sc (Honours)	1 st Year (Part-I)	17	7.17 : 1 (Honours courses)	49.5:1
	2 nd Year (Part-II)	15		
	3 rd Year (Part-III)	11		
	Total	43		
B.Sc (General)	1 st year (Part-I)	125	42.33:1 (General courses)	
	2 nd Year (Part-II)	115		
	3 rd Year (Part-III)	14		
	Total	254		

14. Number of academic support staff (technical) and administrative staff, sanctioned and filled:

Sl. No.	Name of technical staff	Category	Designation
1	Mr. Biswajit Sardar	Group D	Lab attendant
2	Mr. Baldeb Sarkar	Casual staff (contractual)	Lab attendant

15. Qualifications of teaching faculty with D.Sc/ D. Litt./ Ph.D/ M.Phil/ PG:

Teaching faculty with Ph.D	03 (02 Assistant Professors + 01 Guest Faculty)
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16. Number of faculty with ongoing projects from a) National b) International agencies and grants received:

a) National:

Name of Principal Investigator	Title of the project	Funding agency	Period	Total Grant (Rs)	Affiliation
Dr. Sadhan Pramanik	a) Synthesis of some fluorescent probe ion sensing quantum dot nanoparticles and study of biological activities	University Grants Commission (Letter no. - F. PSW-019/13-14 (ERO))	2014-2016	4, 80,000 /-	University of Burdwan
	b) Solid Phase Extractants Functionalised with N,S donor Centres: Synthesis Characterisation and Analytical Applications	University Grants Commission (Letter no. F.PSW-025/09-10 (ERO))	2009-2011	1,25,500/-	University of Burdwan

b) International: Nil

17. Departmental projects funded by DST-FIST, DBT, ICSSR etc. And total grants received: NO
18. Research Centre/ facility recognised by the University: NA
19. Publications: See in Appendix
20. List of eminent academicians and scientists/ visitors to the department.

Professor Dr. Pabitra Chattopadhyay (Professor, Department of Chemistry, University of Burdwan) visited the department on 11.12.2015

21. Seminars/ Conferences/ Workshops organised and the source of funding a) National, b) international

a) **National:**

In 2011, the department organised two day seminar in collaboration with the department of Chemistry, Sree Gopal Banerjee College, Hooghly funded by UGC.

In 2015, the department organised a seminar in the department. The topic of the seminar: FLUORIMETRIC TECHNIQUE: A PERSUASIVE ANALYTICAL TOOL

Speaker: Dr. Pabitra Chattopadhyay (Professor, Department of Chemistry, University of Burdwan)

b) **International:** Nil

22. Students' profile programme/ course wise

Name of the course	Academic year	No. of applications received	No. of candidates selected
B.Sc (Honours in Chemistry)	2011-2012	165	18
	2012-2013	155	17
	2013-2014	141	12
	2014-2015	162	21

23. Diversity of students

Name of the course	% of students from the same state	% of students from other state	% of students from abroad
BSc (Honours in Chemistry)			
	2011-2012	100	0
	2012-2013	100	0
	2013-2014	100	0
	2014-2015	100	0

24. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services etc.?

Year	JAM	NET/SET	GATE	GRE	TOEFL	School Service Commission (SSC)	Others
2011-2012	00	00	00	00	00	01	01
2012-	01	01	01	00	00	00	00

2013							
2013-2014	00	00	00	00	00	00	00
2014-2015	00	00	00	00	00	00	00

25. Student progression

Student progression	Against % enrolled
UG to PG	2011-2012: 80% 2012-2013: 85% 2013-2014: 90% 2014-2015: 40%
PG to M.Phil	N.A
PG to Ph.D	N.A
PG to post doctoral	N.A
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus selection 	N.A
Entrepreneurship/ Self-employment	N.A

26. Details of Infrastructural facility:

a) Library:

The department has its own library having a total no. of 140 books. All the books are related to the subject of chemistry.

42 out of 140 are Physical chemistry books

48 out of 140 are Inorganic chemistry books

40 out of 140 are Organic Chemistry books

Dr. Sadhan Pramanik is the in charge of Departmental Library. The Staffs and students are allowed to borrow books from the library and a log-book is maintained.

b) Internet facilities for Staff and Students:

There is one computer in the department which connected with internet facility (BSNL Broadband) Internet facility is available for 24 hours.

c) Class rooms with ICT facility

NIL

d) **Laboratories:**

The department has three laboratories for running practical courses on Honours and General courses.

The laboratories are well equipped with exhaust fans, fire extinguishers, work tables, refrigerator, safety hood, chemical racks, glass- apparatus and common chemicals required for the practical courses.

There is also a chemical storage room in the department where the chemicals are stored.

Instrumental facilities:

Oven: 03

Pan balance: 05

Digital balance: 03 (Three digits: 01 + Four digits: 02)

Melting point apparatus: 01

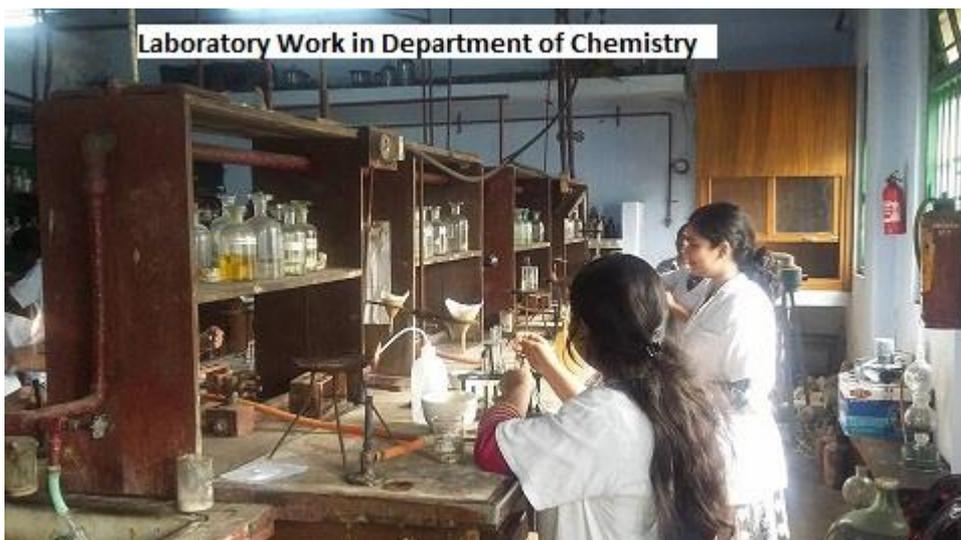
Mono Quartz distillation unit: 01

Laboratory stirrer: 02

Refrigerator: 01

pH meter: 01

Conductivity meter: 01





27. Number of students receiving financial assistance from college, university, government or other agencies

See item no. 23

28. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

Seminar:

Sl No.	Topic	Year	Participants
1	Two-day seminar organised jointly with the Department of Chemistry, Bagati SreeGopal Banerjee college, Hooghly Sponsored by UGC	18.11.2011- 19.11.2011	The teachers and students of the department of chemistry of both the colleges

2	<p>“Fluorimetric Technique: A persuasive Analytical Tool”</p> <p>Speaker: Professor Dr. Pabitra Chattopadhyay (Professor, Department of Chemistry, University of Burdwan)</p>	11.12.2015	DO
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Industrial visit:

Sl No.	Year	Participants	Venue
1	2011	Teachers, Students and Staff of the department	Kesoram Rayon, Tribeni, Hooghly Objective: to learn about the industrial processing and production of Rayon silk.
2	2013	Teachers, Students and Staff of the department	Kausani Tea Garden, Nainital Objective: to learn about the tea processing from raw tea leaves





29. Teaching methods adopted to improve student learning

Types of classes	Methods implemented
Theoretical	<ul style="list-style-type: none"> • Board and Chalk • Lectures • Demonstration • Students presentation • Interactive sessions • Power-point presentation
Practical	<ul style="list-style-type: none"> • Board and chalk • Demonstration • Performing experiments (Hand-on) • Viva



30. Participation in Institutional Social Responsibility (ISR) and Extension activities.

The students of the department are highly encouraged to participate in extracurricular activities and institutional social responsibilities like NSS.

25 students from the department are members of the NSS. Prof. Biplab Mondal, Assistant Professor of the Department is the programme officer of NSS of the college.

The students of the department are the active members of the Science Cell of the college. Professor Satyajit Biswas, Assistant Professor of the Department is the coordinator of the science cell.

31. Areas of consultancy and income generated: NA

32. Faculty members in

- a) National committees, b) International Committees, c) Editorial Boards
- NA

33. Students projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme
- b) Percentage of students placed for projects in organizations outside the institution i.e. research laboratories/ Industry/ Other agencies.

- a) All the students of the department are engaged in projects related to environmental science
 b) N. A

34. Awards / Recognitions received by faculty and students

Students:

Name	Award	Amount (Rs.)	Year	Funded by
Soumi Ghosh	Inspire Fellowship	60,000/-	2011	Central Government
Soumi Ghosh	Inspire Fellowship	10,000/-	2012	Central Government
Soumi Ghosh	Inspire Fellowship	10,000/-	2013	Central Government
Smritikana Das	Central sector scheme of scholarship for college & University	10,000	2013	Central Government
Smritikana Das	Central sector scheme of scholarship for college & University	10,000	2014	Central Government
Ruksona Khatun	Minority fellowship	5000/-	2012	State Government
Ruksona Khatun	Minority fellowship	5000/-	2013	State Government
Ruksona Khatun	Minority fellowship (OBC)	4000/-	2014	State Government
Tanima Nandy	Merit cum means scholarship	10800/-	2011	State Government
Tanima Nandy	Merit cum means scholarship	10800/-	2011	State Government
Tanima Nandy	Merit cum means scholarship	10800/-	2011	State Government

Krishna Sur	Sitaram and jindal foundation scholarship	7200/-	2015	Non Government organisation
Krishna Sur	Merit cum means scholarship	10,800/-	2015	State Government
Rima De	Sitaram and jindal foundation scholarship	7200/	2015	Non Government organisation
Rima De	Merit cum means scholarship	10,800/-	2015	State Government
Shrabanti Mondal	SC Scholarship	10,020/-	2015	State Government
Manorama Dey	OBC Scholarship	5,900/-	2015	State Government
Rima Dey	a) Secured 3 rd position on Tagore's songs at Nehru Youth Centre, Hooghly b) Secured 2 nd position in Quiz Competition at Nehru Youth Centre, Hooghly c) Secured 1 st position in Drawing at Nehru Youth Centre, Hooghly		2012 2012 2012	Youth Festival organised by Government of India Do Do
Rupmita Saha	Swami Vivekanand Merit Cum Means scholarship	6000/-	2015	State Government
Sayantee Ghosh	Swami Vivekanand Merit Cum Means	12,000/-	2015	State Government

	scholarship			
Rituparna Das	Swami Vivekanand Merit Cum Means scholarship	6000/-	2015	State Government

Teachers:

Name	Recognition/ Award	Year	Nature of the the recognition/ award
Dr. Sadhan Pramanik	a) NET- UGC	2001	Awarded by University Grants Commission, Government of India
	b) NET-UGC	2001	
	c) GATE	2001	
Professor Satyajit Biswas	a) NET-UGC	2003	Awarded by UGC, Government of India
	b) GATE	2003	
Professor Biplab Mondal	a) NET-LS	2003	Awarded by University Grants Commission, Government of India
Dr. Anup Biswas	a) NET-CSIR	2008	Awarded by CSIR, Government. Of India
	b) NET-CSIR	2009	
	c) Graduate School of Chemistry fellowship, NRW, Germany	2009	

35. SWOC analysis of the department and Future plans.

Strengths and Weakness:

Strengths	Weakness
<ul style="list-style-type: none"> • Adequate no. of qualified and experienced teaching staffs • Qualified and well experienced laboratory assistants • Well equipped laboratories for undergraduate courses • Stock of sufficient no. of glass-apparatus • Stock of sufficient no. of chemicals • 24 hours internet facilities • Theoretical and Practical classes on regular basis • Interactive sessions with the students • Regular class tests (both theoretical and practical) • Very good Student: Teacher ratio (For Honours students) 	<ul style="list-style-type: none"> • Inadequate built-in space for classrooms, laboratories, departmental library, teachers' room • Inadequate no. of non-teaching staff • Lack of space and infrastructure for research works • Insufficient inflow of government funds for incurring the regular recurring expenditure of the department • Insufficient no. of teaching staff for general courses

Opportunities and Challenges:

Opportunities	Challenges
<ul style="list-style-type: none"> • Students are encouraged to interact with the teachers outside the class room • Special coaching classes for competitive exams like JAM, IISER etc. • Students are advised for their higher studies and career planning • Special classes are arranged during summer recess and before university examination. • Classes are arranged on interdisciplinary topics. As for example, teachers from our department deliver lectures in the Department of Physics on Thermodynamics. 	<ul style="list-style-type: none"> • As the college is affiliated to the University of Burdwan, the teachers have to follow the syllabus of the university (1+1+1 pattern) • Less freedom in teaching and time constrains • Process of filling non-teaching post is slow • Insufficient budget for conducting the practical sessions for both Honours and general courses

Annexure to the Evaluative Report of Department of Chemistry

Dr. Sadhan Pramanick:

No. of international journals (With ISSN/ISBN)	No. of national journals (With ISSN/ISBN)	No. of book chapters	No. of Journals (Without ISSN/ISBN)
7	1	0	0

1. *Polyhedron*, 23, 2004, 2457
2. *Talanta*, 63, 2004, 485
3. *Journal of Coordination Chemistry*, 58, 2005, 985
4. *Analytica Chimica Acta*, 556, 2006, 430
5. *Journal of Radioanalytical and Nuclear Chemistry*, 274, 2007, 237
6. *Analytica Chimica Acta*, 584, 2007, 469
7. *Indian Journal of Chemistry*, 48A, 2009, 30
8. *International journal of Pure and Applied Chemistry*, 8, 2013, 137-145.

Professor Biplab Mondal:

No. of international journals (With ISSN/ISBN)	No. of national journals (With ISSN/ISBN)	No. of book chapters	No. of Journals (Without ISSN/ISBN)
5	0	0	0

1. S. Dey, S. Sarkar, T. Mukherjee, **B. Mondal**, E. Zangrando, J. P. Sutter & P. Chattopadhyay, *Inorg. Chim. Acta.*, 2011, **376**, 129-135
2. **B. Mondal**, B. Sen, E. Zangrando & P. Chattopadhyay, *J. Chem. Sci.*, 2014, **124**, 1115-1124.
3. **B. Mondal**, B. Sen, E. Zangrando & P. Chattopadhyay, *J. Chem. Sci.*, 2015, **127**, 1747-1755.

4. **B. Mondal**, B. Sen, E. Zangrando & P. Chattopadhyay, *J. Coord. Chem.*, 2015, **68**, 4038-4054.
5. A. Patra, **B. Mondal**, B. Sen, E. Zangrando & P. Chattopadhyay, *J. Chem. Sci.*, 2015, DOI 10.1007/s12039-015-0962

Dr. Anup Biswas:

No. of international journals (With ISSN/ISBN)	No. of national journals (With ISSN/ISBN)	No. of book chapters	No. of Journals (Without ISSN/ISBN)
9	0	0	0

- 1) J. Mondal, **A. Biswas**, S. Chiba, Y. Zhao, *Scientific Reports*, accepted.
- 2) L. Hesping, **A. Biswas**, C.G. Daniliuc, C. Muck-Lichtenfeld, A. Studer, *Chem. Sci.* **2015**, *6*, 1252.
- 3) K. K Toh, **A. Biswas**, Y. Y. Tan and S Chiba, *J. Am. Chem. Soc.* **2014**, *136*, 6011.
- 4) S. De Sarkar, **A. Biswas**, R. C. Samanta and A. Studer, *Chem. Eur. J.* **2013**, *19*, 4664.
- 5) **A. Biswas**, S. De Sarkar and A. Studer, *Chem. Commun.* **2012**, *48*, 5190.
Editors' Choice: ChemInform Abstract **2012**.
- 6) **A. Biswas**, S. De Sarkar and A. Studer, *Org. Lett.* **2011**, *13*, 4966.
Editors' Choice: ChemInform Abstract **2012**.
- 7) S. De Sarkar, **A. Biswas**, C. H. Song and A. Studer, *Synthesis* **2011**, *12*, 1974.
- 8) R. Jana, **A. Biswas**, S. Samanta, J. K. Ray, *Synthesis* **2010**, *12*, 2092.
- 9) R. Jana, S. Paul, **A. Biswas**, J. K. Ray, *Tetrahedron Lett.* **2010**, *51*, 273.

Evaluative Report of the Department of Mathematics

37. Name of the department: Mathematics.
38. Year of Establishment: General: 1962, Honours - 2006
39. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG
40. Names of Interdisciplinary courses and the departments/units involved Honours and General course in Mathematics
41. Annual/ semester/choice based credit system (programme wise)
42. Participation of the department in the courses offered by other departments
43. Courses in collaboration with other universities, industries, foreign institutions, etc.
44. Details of courses/programmes discontinued (if any) with reasons
45. Number of Teaching posts

	Sanctioned	Filled
Professors	0	N.A.
Associate Professors	0	N.A.
Asst. Professors	2	1

46. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Samadyuti Haldar	M.Sc. B.Ed. M.C.A.	Asst. Prof.	Fluid Mechanics, MHD	9 Years	Nil
Sumitra Basak	M.Sc.	Part time Teacher	Theory of linear operators, modules and non-commutative rings	4 Years	Nil
Debolina	M.Sc.,	Guest	Functional		

Datta	MCA. B.Ed.	Lect.	analysis, O.R.	3 Years.	Nil
Kanak Kanti Das	M.Sc. Retired	Guest Lect.	Functional analysis	40 Years	Nil
Shibnarayan Bandyopadhy ay	M.Sc. Retired	Guest Lect.	Fluid mechanics	35 years	Nil

47. List of senior visiting faculty:

Prof. Ganapati Bandopadhyay, (Ex and retired Prof, Burdwan University)

Head of the department of Mathematics, Rabindra Bharati University.

Prof. Amar Banerjee, Professor, Department of Mathematics, Burdwan University.

48. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: Nil

49. Student -Teacher Ratio (programme wise)

B.Sc. -	Honours	General
(2015-16)	49 : 4	148 : 4
(2014-15)	47 : 4	103 : 4
(2013-14)	31 : 4	83 : 4
(2012 -13)	49 : 4	80 : 4

50. Number of academic support staff (technical) and administrative staff; sanctioned and filled: No sanctioned post

51. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./PG. -

Teaching faculty with PG - 4

52. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

53. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received -Nil

54. Research Centre /facility recognized by the University: N.A.

55. Publications:

* a) Publication per faculty

- * Number of papers published in peer reviewed journals (national / international) by faculty and students - Samadyuti Haldar: 6 (international)
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Monographs
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor

Name of the Faculty	No. of papers Nat/Int #	Books Edited	Books with ISSN/ ISBN No.	Book chapter without ISSN/ISBN	Book chapter with ISSN/ISBN
Mr. Samadyuti Haldar	Int. - 06	0	0	0	1

See detail in the annexure.

56. Areas of consultancy and income generated: Nil

57. Faculty as members in

a) National committees-

Samadyuti Haldar : Life member of Calcutta Mathematical Society since 2015.

b) International Committees

c) Editorial Boards....

58. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: UG - 100 % ENVIS project

b) Percentage of students placed for projects in organizations outside the institution

i.e.in Research laboratories/Industry/other agencies: Nil

59. Awards/ Recognitions received by faculty and students : Nil

60. List of eminent academicians and scientists/ visitors to the department: Nil

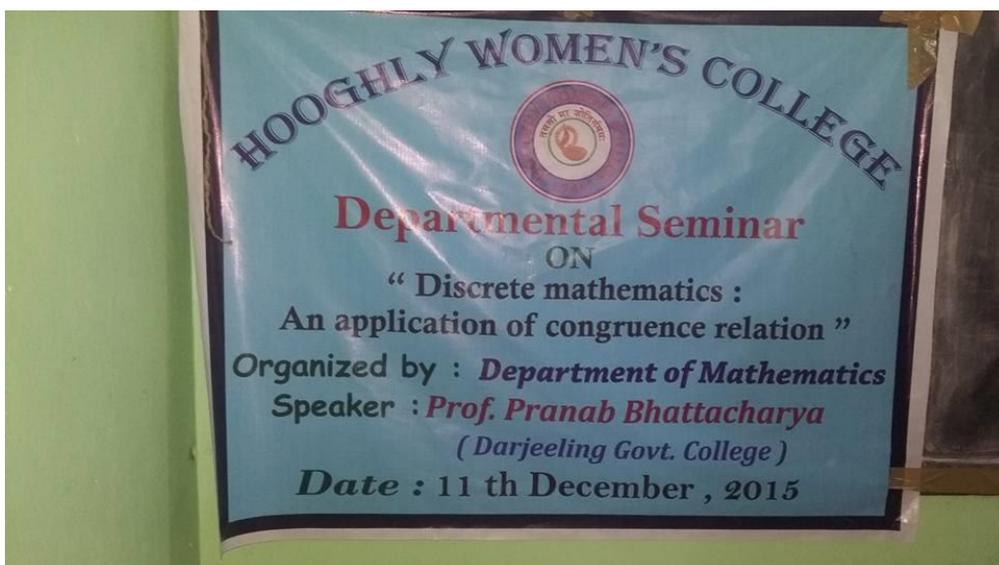
61. Seminars/ Conferences/Workshops organized & the source of funding

a)National : Nil

b)International : Nil

c) Departmental : Departmental Seminar on ' Discrete Mathematics : An

Application of Congruence Relation', Speaker : Prof Pranab Bhattacharyya, on 11.12.2015





62. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Admitted/ Selected	Enrolled		Pass percentage
			*M	*F	
U.G. (H) 2011- 2012	75	26		26	74.47
U.G. (H) 2012- 2013	92	30		30	61.22
U.G. (H) 2013- 2014	114	37		37	77.42
U.G. (H) 2014- 2015	83	36		36	78.72

*M=Male F=Female

63. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Honours	99	1	0
General	100	0	0

64. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

65.

66. Student progression

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed	N.A.
• Campus selection	
• Other than campus recruitment	60%
Entrepreneurship/Self-employment	N.A.

67. Details of Infrastructural facilities

- a) Seminar Library with 600 (approx) books
- b) Internet facilities for Staff & Students: Internet facilities available for staff only.
- c) Class rooms with ICT facility: One common digital class room where classes are taken through ppt.
- d) Laboratories: One Numerical Lab with nine computers.

31. Number of students receiving financial assistance from college, university, government or other agencies : 40% (Approximately) can avail financial assistance from different agencies.

Name of the Scholarship	No. of Student
Special financial assistance given by Students' Welfare Committee of HWC.	3
West Bengal Govt. Kanyashree Prakalpa	13

68. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts: A departmental seminar held on 11.12.2015 on the topic "Discrete mathematics: An application of congruence relation.

69. Teaching methods adopted to improve student learning:

- Classes taken through digital lab in ppt format.
- In general, lecture method, interactive method, question-answer method,

seminar presentation by students etc. are applied.

70. Participation in Institutional Social Responsibility (ISR) and Extension activities: Approximately 30% students of the Dept. participated sincerely in NSS activities. Students of the Dept. visit the slum area to know their problems and they teach of underprivileged slum dwellers in their primary school. SWOC analysis of the Department and Future plans

SWOC :	STRENGTH :	WEAKNESS :
DEPARTMENT OF MATHEMATICS	<ul style="list-style-type: none"> • Highly qualified and dedicated teaching faculty. • Development of the students through cultural & extra curricular activities. • Well stocked seminar library. • Healthy teacher student ratio. • A numerical laboratory with sufficient no. of computers. 	<ul style="list-style-type: none"> • Inadequate space for the department. • Inadequate space for the numerical laboratory. • Inadequate teaching staff and a general inadequacy in number of sanctioned teaching posts for running UG course in the department. • There is no non-teaching staff in the department. • Insufficient inflow of government funds for incurring regular expenses of the department. • Faculty research is hindered by the fact that there is too much burden of classes for them in the absence of adequate number of permanent teachers in the department

<p>S - O STRATEGIES :</p> <ul style="list-style-type: none"> • Requesting for more government funds to meet infrastructural facilities of the department. • Initiate research on subjects with potential like application of mathematics in the theory of computer science or the automata theory. 	<p>OPPORTUNITY :</p> <ul style="list-style-type: none"> • Teachers have been involved in different research projects from time to time. • Motivating students for higher studies through counseling 	<p>W- O STRATEGIES :</p> <ul style="list-style-type: none"> • Enhancing scopes for research, and general academic levels through exchange programmes and collaborative projects with other universities. • Expansion of the department with availability of more space. • Requesting Government for sanctioning of new teaching posts.
<p>CHALLENGE</p> <ul style="list-style-type: none"> • 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 Burdwan for the UG course. 	<p>S-C STRATEGIES</p> <ul style="list-style-type: none"> • Strict discipline among students is maintained to ensure a healthy academic environment in the department. 	<p>W- C STRATEGIES</p> <ul style="list-style-type: none"> • Special classes are held both in theoretical and practical courses to complete syllabus within the short time schedule available.

Annexure to the Evaluative Report of Department of Mathematics

Published Papers of Samadyuti Haldar:

- [1] Asim Mukhopadhyay and **Samadyuti Haldar**, Long-Wave Instabilities of Viscoelastic Fluid Film Flowing Down an Inclined Plane with Linear Temperature Variation. *Z. Naturforsch A (Poland)*, 65a, 618 - 632 (2010). ISSN-0340-4811. I.F.=1.363 (2010-11)
- [2] Chakraborty K. **Haldar S.** and Kar T. K., Global stability and bifurcation analysis of a delay induced prey-predator system with stage structure. *Nonlinear dynamics (Springer)* (2013) Vol 73(3), pp 1307-1325. ISSN 1973-269X (Online). 0924-090X(Print) I.F.=3.009
- [3] Chakraborty K., Das Kunal, **Haldar S.** and Kar T. K., A mathematical study of an eco-epidemiological system on disease persistence and extinction perspective, *Applied Mathematics and Computation. (Elsevier)* (2015) 254, 99-112. ISSN-0096-3003. I.F=1.686.

- [4] **Haldar S.**, Chakraborty K., Das K, and Kar T. K., Bifurcation and control of an eco-epidemiological system with environmental fluctuations: A stochastic approach. *Nonlinear Dynamics (Springer)*, (May, 2015) 80(3), 1187-1207.

ISSN 0924-090X, I.F.=2.849

- [5] **Haldar S.**, Chakraborty K., and Kar T. K., Controllability of an eco-epidemiological system with disease transmission delay: A theoretical study, *Application and Applied Mathematics: An International Journal*. Prairie View A&M University, USA. June, 2015. 10(1), 382 - 420. ISSN: 1932-9466.
- [6] Chakraborty K., **Haldar S.** and Kar T. K., Ecological sustainability of an optimal controlled system incorporating partial closure for the populations. *Journal of Biological Systems, (World Scientific)*. July, 2015, 23(3), 1-30. ISSN: 0218-3390 (Print), 1793-6470 (Online). I.F.=0.955.
- [7] Monoj Mondal, Kunal Das, **Samadyuti Haldar** and Kunal Chakraborty, Dynamic behavior of a harvested prey-predator model with a stage-structure for prey. Proceedings of the National Symposium on *Applied Nonlinear Dynamics and Chaos (Elsevier)* Chapter 10 (May, 2014), Seminar organized by Dumkal Institute of Engineering & Technology, Murshidabad, WB, India.

Evaluative Report of the Department of Zoology

1. Name of the department: Zoology
2. Year of Establishment: General Course from 2002-03 and Honours Course from 2015-16.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours and General)
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programmes discontinued (if any) with reasons: N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	N.A.
Associate Professors	Nil	N.A.
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Uttaran Majumdar	Ph.D.	Assistant Professor	Entomology	8 years	Nil
Soumi Nandi	Ph.D.	Guest Lecturer	Cell and Molecular Biology	5 years	Nil
Suvadip Adhikari	M.Sc.	Guest Lecturer	Ecology and Environment	1 year	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Approximately 50% of both theoretical and practical classes.
13. Student -Teacher Ratio (programme wise): 5:1 in Honours and 15:1 in General courses.
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A. (No Permanent post, one casual staff has been appointed by the college)
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
Teaching faculty with Ph.D.: 1, Teaching faculty with 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: N.A.
19. Publications:
Uttaran Majumdar: 10 (International: 6, National: 4, Seminar/Conference: 9)
Soumi Nandi: 05 (International: 2, National: 3, Seminar/Conference: 0)
Shuvadip Adhikari: 01 (International: 1, National: 0, Seminar/Conference: 4)
20. Areas of consultancy and income generated: N.A.
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% of 3rd year students have undertaken ENVIS project as a part of their curriculum.
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil.
22. 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

WB-DST funded State Level Seminar has been organized on February 14-15, 2015.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B. Sc. Honours	430	15	0	15	N.A.
B. Sc. General	82	30	0	30	96%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc. Honours	100%	Nil	Nil
B. Sc. General	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

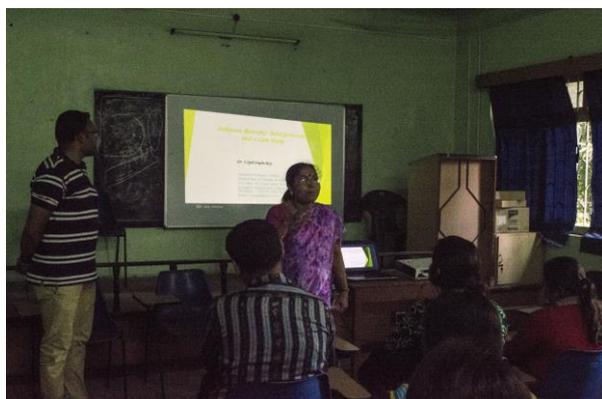
29. Student progression

Student progression	Against % enrolled
UG to PG	N.A.
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed • Campus selection • Other than campus recruitment	N.A.
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities
- a) Library: Small departmental library consisting of specimen copies and practical related books borrowed from Central Library.
 - b) Internet facilities for Staff & Students: One computer for the staff.
 - c) Class rooms with ICT facility: Nil.
 - d) Laboratories: 2 laboratories for Honours and General students.
31. Number of students receiving financial assistance from college, university, government or other agencies:
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Seminar talk delivered by Dr. Utpal Singha Roy, Durgapur Government College on "Avian Diversity: Field protocols and a case study" on 21/09/2015.
33. Teaching methods adopted to improve student learning: Use of Power point presentation and multimedia in classroom help to improve student learning.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: A large proportion of students participate actively in NSS programmes that include health awareness, campus cleaning, tree plantation etc.
35. SWOC analysis of the department and Future plans
- **Strength**
 - Department boasts of enthusiastic, competent and dedicated teaching faculty.
 - Good Student: Teacher ratio.
 - Well enriched departmental library.
 - Well equipped laboratory.
 - **Weakness**
 - Shortage of space for classrooms and laboratories.
 - Lack of sanctioned teaching posts.
 - Lack of sanctioned post of laboratory attendant.
 - Internet and computer facilities are still not available for the students.
 - **Opportunity**
 - Teachers are engaged in research work in collaboration with Universities.

- Counselling of students to face academic and placement related interviews.
 - Consultation session for the preparation of NET, GATE, SSC etc.
- **Challenges**
 - With the increasing number of seats every year there is a major problem in conducting practical classes due to lack in laboratory space.
 - Conducting schedule classes with limited number of faculty members.
 - To make the students aware of recent developments in scientific research.
- **Future Plan**
 - Expansion of department with the availability of spaces.
 - Conducting tutorial classes on regular basis for NET, GATE, SSC.
 - Organizing seminars, workshops on laboratory techniques and field works.
 - Modernisation of classrooms with ICT tools.
 - Providing research journals to the students.

Pictures of Departmental Seminar organized by Zoology Department:



Annexure to the Evaluative Report of Department of Zoology

Publications of Dr. Uttaran Majumdar:

1. N. Das, **U. Majumdar**, A. Mazumdar and N. Hazra (2015). Life stages of eight new species of *Chironomus* Meigen (Diptera: Chironomidae: Chironominae) of the Eastern Himalaya of India, *Oriental Insects*, DOI: 10.1080/00305316.2015.1101723
2. **U. Majumdar** and A. Mazumdar (2011). Chironomid flies of the genus *Glyptotendipes* Kieffer (Diptera: Chironomidae) from India with a short account of their biology. *Aquatic Insects*, 33 (3): 253-272.
3. **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2010). A new species of the genus *Cladotanytarsus* Kieffer, 1921 (Diptera: Chironomidae) from India with short notes on its biology. *Far Eastern Entomologist*, 211: 1-10.
4. **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2009). Life stages and a short account of Biology of *Chironomus mayri*, a new species of the genus *Chironomus* Meigen (Diptera: Chironomidae) from India. *International Journal of Dipterological Research*, 20(3): 145-156.
5. S. Ghosh, **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2009). Biting flies of the genus *Homohelia* Kieffer (Diptera: Ceratopogonidae) of India. *Folia Heyrovskyana*, 16 (4): 91-106.
6. **U. Majumdar** and A. Mazumdar (2008). Postembryonic development of *Einfeldia arcuta* sp.n. (Diptera: Chironomidae) of the Eastern Himalayas of India with a note on its biology. *Geobios*, 35 (4): 225-229.
7. N. Hazra, **U. Majumdar** and A. Mazumdar (2008). Species composition, relative abundance, spatial diversity and heterogeneity of chironomid midges (Diptera: Chironomidae) of springs of Darjeeling-Sikkim Himalayas of India. *Environment & Ecology*, 26 (2A): 907-914.
8. **U. Majumdar** and A. Mazumdar (2007). A new species of the genus *Paratendipes* Kieffer (Diptera: Chironomidae) of Arunachal Pradesh, India. *Proceedings of Zoological Society, Calcutta*, 60(2): 49-51.
9. **U. Majumdar** and A. Mazumdar (2007). *Parapsectra firmistyla*, a new species recorded firstly from the orient. (Diptera: Chironomidae). *Annals of Entomology*, 25 (1-2): 61-63.

10. G. Bhattacharyay, A. K. Sadhu, **U. Majumdar**, A. Mazumdar, P. K. Chaudhuri and Arshad Ali (2006). Assessment of heavy metal pollution of the river with the use of chironomid community and morphological deformities (Diptera: Chironomidae). *Supplementa ad Acta Hydrobiologica*, 8: 21-32.

Publications of Dr. Soumi Nandi:

1. **S. Nandi**, A. Majumdar and G. K. Saha (2008). Chironomid midges of the fresh water ponds of Kolkata metropolis. *Zoological Research in Human Welfare*. 149-154.

2. **S. Nandi**, G. Aditya and G. K. Saha (2011). Life history study of *Chironomus striatipennis* Kieffer (Diptera: Chironomidae) *Oriental Insects*, 45(2-3): 186-193.

3. **S. Nandi**, G. Aditya and G. K. Saha (2012). Nutrient conditions and chironomid assemblages in Kolkata, India: assessment for biomonitoring and ecological management. *Journal of Limnology*, 71(2): 94-103.

4. **S. Nandi**, G. Aditya, and G. K. Saha (2014). An appraisal of life history features of *Kiefferulus calligaster* (Kieffer, 1911) (Diptera: Chironomidae) from wetlands of Kolkata, India. *Proceedings of Zoological Society*, 67(1): 72-78.

5. **S. Nandi**, G. Aditya, I. Chowdhury, A. Das and G. K. Saha (2014). Chironomid midges as allergens: evidence from two species of Kolkata, India. *Indian Journal of Medical Research*, 139: 142-147.

Publications of Mr. Shuvadip Adhikari:

1. A. Chatterjee, **S. Adhikari**, A. Barik and S. K. Mukhopadhyay (2013). The mid- winter assemblage and diversity of Bird population at Patlakhawa protected forest, Coochbehar, West Bengal, India. *The Ring*, 35: 31-53.

Evaluative Report of the Department of Botany

1. Name of the department: Botany
2. Year of Establishment: 2002
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: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programmes discontinued (if any) with reasons: N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	N.A.
Associate Professors	Nil	N.A.
Asst. Professors	01	00
Part Time Teachers	01	01
Guest Lecturers	01	01

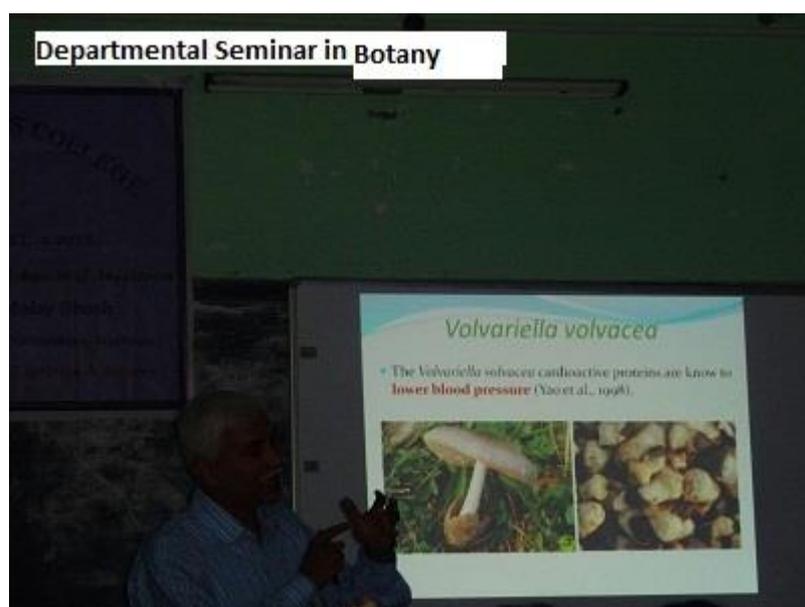
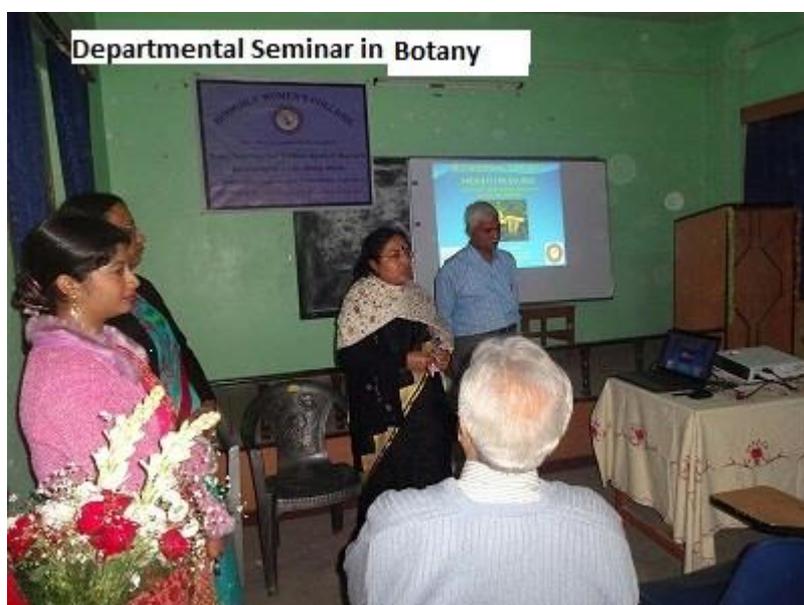
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

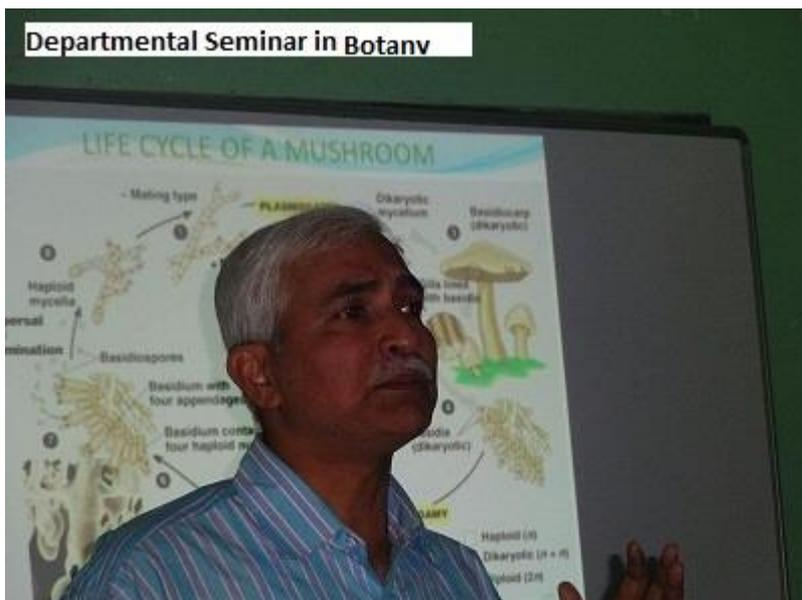
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Shrinanti Ghosh	M.Sc.	Part-time Teacher	Ecology and Environmental pollution	9 years	Nil

Priyanka Chatterjee	M.Sc., B.Ed.	Guest Lecturer	Taxonomy of angiosperms	3 years	Nil
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11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Approximately 50% of both theoretical and practical classes.
13. Student -Teacher Ratio (programme wise): 20:1(For Part-I),15:1(For Part-II) and 5:1 (For part -III)
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A. (No Permanent post, one casual staff has been appointed by the college)
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
Teaching faculty with 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: N.A.
19. Publications:
Priyanka Chatterjee: 2 (Seminar/Conference/Workshop: 6)
20. Areas of consultancy and income generated: N.A.
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% of 3rd year students have undertaken ENVS project as a part of their curriculum.
 - 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.
- c) Departmental: Seminar in collaboration with Department of Nutrition, on “Nutritional and Medicinal Aspects of Mushroom, Speaker: Dr. Malay Ghosh, on 21.12.2015.





26. Student profile programme/course wise: Year wise

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-12	82	30	0	30	96%
2012-13	95	50	0	50	95%
2013-14	93	55	0	55	93%
2014-15	98	67	0	67	96%

*M = Male *F = Female

27. Diversity of Students Year wise

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011	100%	Nil	Nil
2012	100%	Nil	Nil
2013	100%	Nil	Nil
2014	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such

as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	N.A.
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed <ul style="list-style-type: none">• Campus selection• Other than campus recruitment	N.A.
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities a) Library: Small departmental library consisting of specimen copies(30 copies of book) and practical related books borrowed from Central Library.

b) Internet facilities for Staff & Students: Nil.

c) Class rooms with ICT facility: Nil.

d) Laboratories: 1 laboratory is provided for General students.

31. Number of students receiving financial assistance from college, university, government or other agencies: Kanyashree-10 students

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning: Lecture methods, Interaction methods, Class tests.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: A large proportion of students participate actively in NSS programmes that include health awareness, campus cleaning, tree plantation etc.

35. SWOC analysis of the department and Future plans:

Strength	1.Our laboratory is well equipped with instruments that are required for the course. 2. Our faculty members work hard for the development of the department. 3. Student quality is good.
Weakness	1.Laboratory size is not sufficient according to the student number. 2. No full-time staff. 3. Insufficient fund. 4.Unavailability of computer facilities.
Opportunity	Student can appeared in different competitive exams like S.S.C., P.S.C. etc.
Challenge	To motivate the student for in depth study taking the challenge of distractions of modern life styles.

Annexure to the Evaluative Report of Department of Botany

Publications of Priyanka Chatterjee:

1. Chatterjee P. and Mukherjee A., 2015. Herbal remedies in use in Hooghly district, West Bengal: an ethnomedicinal documentation. International Journal of Scientific Research 10(1): 18-26.
2. Das M., Chatterjee P. and Roy R., 2015. Soil and vegetation characteristics associated with mine overburdens of an open cast coalmine area of Burdwan district, West Bengal, India. International Journal of Advanced Research. Volume 3(7): 1482-1487.

Evaluative Report of the Department of Microbiology

1. Name of the department : Microbiology
2. Year of Establishment : 1st August 2006
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : UG (BSc. Hons)
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:
None
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 Nil

	Sanctioned	Filled
Professors	0	0
Associate Professors	0	0
Asst. Professors	01	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Piyali Guha	M.Sc ,B.Ed, PhD	Full time contractual	Botany (Specialization Microbiology)	09	–
Doyel Roy (Nag)	M.Sc	Full time contractual	Biochemistry	11	–
Shinjini Dhar Halder	M.Sc	Full time contractual	Microbiology	04	–

11. List of senior visiting faculty: 1. Prof. S. Sinha (2012-2014)
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : 100%
13. Student -Teacher Ratio (programme wise) : 20:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. :

Name	Qualification
Piyali Guha	M.Sc ,B.Ed, PhD
Doyel Roy (Nag)	M.Sc
Shinjini Dhar Halder	M.Sc

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:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor : 06 Papers

* h-index

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 : ENVS Project 100% of 3rd year Hons. Students.
- 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:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-2012	54	26	-		73.33
2012-2013	100	25	-		81.5
2013-2014	20	16	-		91.67
2014-2015	113	24	-		Result not yet published

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (2011)	100	-	-
UG (2012)	100	-	-
UG (2013)	100	-	-
UG (2014)	100	-	-
UG (2015)	100	-	-



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

29. Student progression

Student progression	Against % enrolled
UG to PG	90
PG to M.Phil.	-
PG to Ph.D.	2
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	Nil
• Other than campus recruitment	2
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

a) Library : Central Library

b) Internet facilities for Staff & Students : Dept. has a Desktop with internet facility

c) Class rooms with ICT facility : Nil

d) Laboratories : 1.Biochemistry

lab

2. Microbiology lab

3. Instruments room



31. Number of students receiving financial assistance from college, university,; West Bengal Minority Development Finance Corporation (WBMDFC): 10
Government or other agencies : Kanyashree- 11
32. Details on student enrichment programmes (special lectures / workshops/seminar) with external experts :
- a) Workshop on Mushroom cultivation in January 2015 at Rice Research Centre, Chinsurah, Hooghly, West Bengal.





b) Departmental Seminar on “Man and Microbes”, Speaker: Prof. Sukumar Ghosh,
Date: 23.12.2015





33. Teaching methods adopted to improve student learning :

- Power point presentation,
- Oral lectures,
- Specific notes on particular topics,
- Interactive session,
- Class Test,
- Tutorial

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
Nil

35. SWOC analysis of the department and Future plans

Strength	<ol style="list-style-type: none"> 1. Our lab is well equipped with instruments that are required to undertake the course curriculum 2. Our student quality is good and many of them hold positions in Univ. level examinations 3. Faculty members although being contractual in service, still works hard for the development of the department, undertake University Practical examination, evaluate scripts etc.
Weakness	<ol style="list-style-type: none"> 1. The ratio of student number with the lab size is low 2. Insufficient fund 3. More instruments are required to cope up with the rising number of students
Opportunity	<ol style="list-style-type: none"> 1. School service commission 2. Research laboratories 3. College service commission 4. Public service commission 5. Pharmaceutical Industry
Challenges	<ol style="list-style-type: none"> 1. Keeping pace with the advancement of the subject. 2. To motivate the students for in depth study, taking the challenge of distractions of modern lifestyle and stagnancy in job opportunities.

LIST OF PUBLICATIONS

1. Guha (Ghosh) *et al.* (2004). Antimicrobial activity of crude extracts and extracted phenols from gametophyte and sporophytic plant parts of *Adiantum capillus-veneris* L., *Allelopathy Journal*, 13 (1): 57-66
2. Guha (Ghosh) *et al.* (2005). Effect of photoperiod on development of aposporous gametophytes from in vitro cultures of *Adiantum capillus-veneris* L., *Phytomorphology*, 55 (1&2): 53-57
3. Guha (Ghosh) *et al.* (2005). Antifungal activity of the crude extracts and extracted phenols from gametophyte and sporophytic parts of two species of *Adiantum*. *Taiwania* 50 (4): 272-283.
4. Guha (Ghosh) *et al.* (2006). Callogenesis of *Sida rhombifolia* var. *rhomboidea* (Roxb.) Mast., a threatened medicinal plant, *Plant Cell Biotechnology and Molecular Biology*, 7 (1&2): 26-29.
5. Guha (Ghosh) *et al.* (2006). Impact of seasons on some biochemical parameters and accumulation of phenolics in different parts of three adiantoid ferns. *Indian Journal of Plant Physiology*, Vol. II (2) (N.S.): 152-159.
6. Guha (Ghosh) *et al.* (2010), Effect of Storage Technique and Temperature in Combination on Viability of Spores of Two Species of *Adiantum*, *Phytomorphology*, 60 (3 & 4): 163-171.

Evaluative Report of the Department of Nutrition

1. Name of the department: Nutrition
2. Year of Establishment: 2013
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours)
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: None
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programmes discontinued (if any) with reasons: N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	N.A.
Associate Professors	Nil	N.A.
Asst. Professors	Nil	N.A.

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ayan Das	M.Sc.	Guest Lecturer	Nutrition	5 years	Nil
Neepa Banerjee	M.Sc.	Guest Lecturer	Ergonomics	4 years	Nil
Subhadeep Dutta	M.Sc.	Guest Lecturer	Microbiology	4 years	Nil
Shreya Bhattacharya	M.Sc.	Guest Lecturer	Nutrition	2 year	Nil

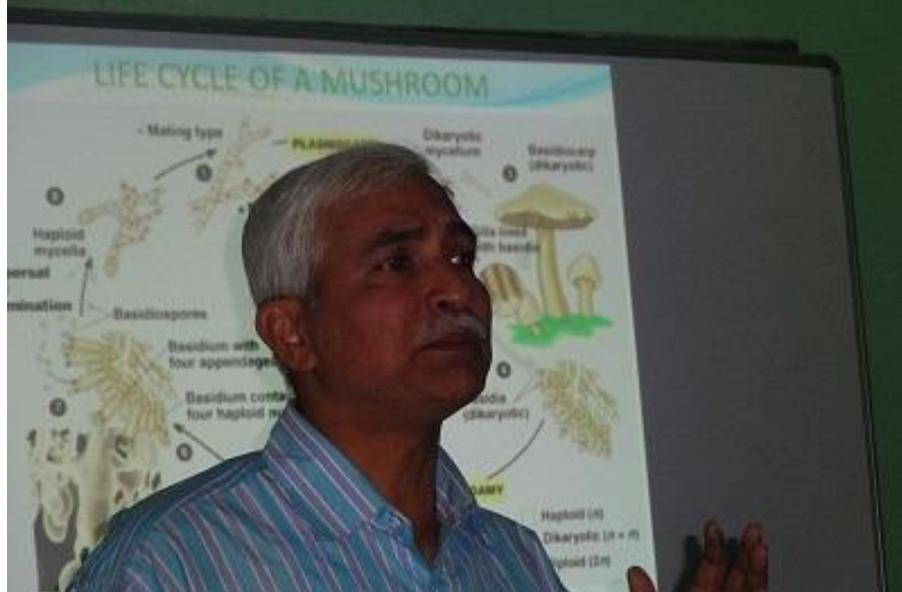
11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: As there is no permanent faculty, 100% classes are taken by temporary faculty.
13. Student -Teacher Ratio (programme wise): 4:1.
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A. (No Permanent post, one casual staff has been appointed by the college)
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
Teaching faculty with PG: 4
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: N.A.
19. Publications: See Annexure
20. Areas of consultancy and income generated: N.A.
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% of 3rd year students have undertaken departmental project as well as ENVS project as a part of their curriculum.
 - 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

Departmental Seminar: Seminar in collaboration with Department of Botany,
on “Nutritional and Medicinal Aspects of Mushroom, Speaker: Dr.
Malay Ghosh, on 21.12.2015.



Departmental Seminar in Nutrition



26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B. Sc. Honours	115	15	0	15	100%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc. Honours	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A.

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed	N.A.
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities a) Library: Small departmental library consisting of specimen copies and practical related books borrowed from Central Library.

b) Internet facilities for Staff & Students: No computer is available at department.

c) Class rooms with ICT facility: Nil.

d) Laboratories: 2 well equipped laboratories and a microbial culture room.

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: Use of Power point presentation and multimedia in classroom help to improve student learning.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: A large proportion of students participate actively in NSS programmes that include health awareness, campus cleaning, tree plantation etc.

35. SWOC analysis of the department and Future plans

- **Strength**

- Department boasts of enthusiastic, competent and dedicated teaching faculty.
- Good Student: Teacher ratio.

- Well equipped laboratory.
- **Weakness**
 - Shortage of space for classrooms and laboratories.
 - Lack of sanctioned teaching posts.
 - Lack of sanctioned post of laboratory attendant.
 - Internet and computer facilities are still not available for the students.
 - Shortage of books on topics like bioinformatics, nutrigenomics etc.
- **Opportunity**
 - Teachers are engaged in research work in collaboration with Universities.
 - Counselling of students to face academic and placement related interviews.
 - Consultation session for the preparation of NET, GATE, SSC etc.
- **Challenges**
 - With the increasing number of seats every year there is a major problem in conducting practical classes due to lack in laboratory space.
 - Conducting schedule classes with limited number of faculty members.
 - To make the students aware of recent developments in scientific research.
- **Future Plan**
 - Expansion of department with the availability of spaces.
 - Conducting tutorial classes on regular basis for NET, GATE, SSC.
 - Organizing seminars, workshops on laboratory techniques and field works.
 - Modernisation of classrooms with ICT tools.
 - Providing research journals to the students.

PUBLICATIONS OF NEEPA BANERJEE

In Journals

1. Impact of Indian traditional recreational activity on novel anthropometric markers of diabetes in Bengalee females, *International Physiology* (ISSN 2347-1506), 3, 11-15, 2015.
2. Indian classical dancing: an approach for obesity management, *International Physiology*, 3, 29-34, 2015.
3. Recognition of Women in Science in India: A Review, *Everyman's Science* (ISSN 0531-495 X), 2015, XLIX (5), 286-290.
4. Relationship between Some Anthropometric and Lung Function Variables: A Study on Occupationally Engaged Bengalee Females, *Science and Culture*, (ISSN 00368156) 2015, 81(1-2), 27-29.
5. Relationship between Two Body Adiposity Estimating Methods: A Study in Bengalee Female Adolescents being Trained in Bharatnatyam Dance, *International Physiology* (ISSN 2347-1506), 2015, 2(2), 41-49.
6. A Study on Impact of Receiving Training on Football and Sprinting on Body Composition and Physical Fitness Status of Adolescent Males, *American Journal of Sports Science*, 2014; 2(6-1): 19-23,
7. Sports Injuries with Special Reference to Soccer: Causes, Consequences and Prevention Strategies, *American Journal of Sports Science*, 2014; 2(6-1): 24-30.
8. A Study on Pulmonary Function of Adolescent Bengalee Trainee Bharatnatyam Dancers, *American Journal of Sports Science and Medicine*, (ISSN 2333 4592-Print,) 2014, 2(5A), 45-47,
9. Impact of Dancing on Obesity Indices on Bengalee Female Adolescents of Kolkata, *American Journal of Sports Science and Medicine*, (ISSN 2333 4592-Print,) 2014, 2(5A), 40-44.
10. Effect of Bharatnatyam Dancing on Body Composition of Bengalee Female Children, *American Journal of Sports Science and Medicine*, (ISSN 2333 4592-Print,) 2014, 2(1), 56-59.
11. Effect of Practicing Select Indian Classical Dance Forms on Body Composition Status of Bengalee Females: An Anthropometric Study, *Indian Journal of Biological Sciences* (ISSN 0972-8503), 2014, 20, 40 - 48.
12. Effect of Regular Practicing Bharatnatyam Dancing Exercise on Body Fat of Urban Female Teenagers, *Indian Journal of Clinical Anatomy and Physiology*, (ISSN 2394 2118- Print) 2014, 1(1), 29-33.
13. Effect of Kathak Dancing on Obesity Indices in Women of Sedentary Avocations, *Science & Culture*, (ISSN 00368156), 80(9-10), 2014, 269-272.
14. A Study on Auditory Status of Rural School Going Adolescent males of South Bengal, *Science and Culture*,. (ISSN 0036 8156) 2014, 80 (11 - 12), 335 - 338.
15. Impact of Bharatanatyam Dancing Exercise in Reducing Central Obesity in Adult Bengalee Females, *Science & Culture*, (ISSN 00368156), 79(11-12), 2013, 503-506.

16. Effect of Bharatnattyam Dancing on Body Composition and Physical Fitness Status of Adult Bengalee Females, *Indian Journal of Biological Sciences* (ISSN 0972-8503), 18, 2012, 9-15.

Full papers in Books

17. Effect of Bharatnattyam Dancing on Psychological Health Status of Occupationally Engaged Females, *In: User Centered Design and Occupational Wellbeing*, McGraw Hill Education (ISBN 978 - 93- 392 - 1970 -3) 2014, 300 - 304
18. Impact of Bharatnattyam Dancing Exercise on Lung Function of Adult Bengalee Females, *In: User Centered Design and Occupational Wellbeing*, McGraw Hill Education, (ISBN 978 - 93- 392 - 1970 -3), 2014, 328 - 331
19. Impact of Bharatnattyam Dancing on Motor Ability of Adult Bengalee Occupationally Engaged Women of Kolkata, *In: User Centered Design and Occupational Wellbeing*, McGraw Hill Education, (ISBN 978 - 93- 392 - 1970 -3)2014, 311 - 315,
20. Study on Pulmonary Function of Male Wind Instrumentalists of Kolkata, *In: User Centered Design and Occupational Wellbeing*, McGraw Hill Education, (ISBN 978 - 93- 392 - 1970 -3) 2014, 488 - 490
21. Significance of Thermal Comfort Standard for Indian Urban Households: A Review, *Impact of Pollution: Assessment and Awareness*, (ISBN 978 - 81 - 921083 -8 - 4), Nabajatak Prakasn, Kolkata, 2014, 147 - 151.
22. Impact of Noise in Human Resources Occupationally Engaged in Organized Sector, *Impact of Pollution: Assessment and Awareness*, (ISBN 978 - 81 - 921083 -8 -4), Nabajatak Prakasn, Kolkata, 2014, 137-141.
23. Global Warming: Impact on Human Health, *Impact of Pollution: Assessment and Awareness*, (ISBN 978 - 81 - 921083 -8 -4), Nabajatak Prakasn, Kolkata, 2014, 113-119.

Full papers in Proceedings

24. Climate Change: Implications for Informal Sector Human Resources, 5th Annual International Conference on Innovations and Best Practices in Business, Human and other Earth Resources Management, IISWBM, 2015, Springer. *Accepted*.
25. Management Strategies for Water Scarcity in Urban Areas in the Context of Climate Change, Indian Water Works Association, January 30- February 1, 2015, 352.
26. Prevalence of Overweight in Rural Sedentary Human Resources in Southern Part of West Bengal, India, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, 2013, 89-96.
27. Body Fat Estimation by Anthropometric and Impedance Techniques in Bengalee Females Engaged in Sedentary Work, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, December 4-6, 2013, 448-455.
28. Impact of Occupational Noise in Organized Transportation Sector Human Resources, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, December 4-6, 2013, 161-166.

29. Study on Hearing Status of Children Residing near an Airport, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, 2013, 197-202.
30. Effect of Kathak Dancing on Body Composition in Adult Bengalee Occupationally Engaged—Women of Kolkata, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, 2013, 461-467.
31. Pulmonary Function in Young Bengalee Females of Sedentary Occupations: Influence of Select Anthropometric variables on it, International Conference on Ergonomics and Human Factors, *HWWE 2013*, Vidyasagar University, 2013, 456-460.
32. Dancing Prevents from Being Overweight in Young Females, Proceedings of the Acharya P C Ray National Young Scientists' Conference, Kolkata, 2012, 125-128.

Abstracts

1. Quantification of Intra-observer Anthropometric Measurement Differences in a Body Composition Assessment Study in Bengalee Females, National Conference on 'Human Diversity: Biological Anthropological Approaches' ISI, Kolkata, 2015, 22-23.
2. Anthropometric Study on Effect of Kathak Dancing on Body Composition in Adolescent Bengalee Females of Kolkata, *102nd Session of the Indian Science Congress, Medical Science Section*, Mumbai, 2015, 90.
3. Relationship between Lung Function and Select Anthropometric Variables in Adolescent Bengalee Males, *102nd Session of the Indian Science Congress, Medical Science Section*, Mumbai, 2015, 91-92.
4. Science and Technology for Human Development, *102nd Session of the Indian Science Congress, 8th Vigyan Sancharak Sammelan (Science Communicators Meet)*, Mumbai, 2015, 48.
5. Addressing Obesity Issues in Bengalee Adult Females: Study on Effect of Bharatnatyam Dancing, National seminar on Therapeutic Ways to Wellness: Relevance of Nutrition, Psychology, Department of Home Science, University of Calcutta, 2014, 60.
6. Assessment of Body Fat in Adult Bengalee Females by Anthropometric and BIA Methods: A Comparison, National Conference on Recent Trends in Research on Biological Anthropology in the Eastern and North-Eastern India, ISI, Kolkata, 2013, 9-10.
7. Effect of Bharatnattyam Dancing on Body Composition of Young Adult Bengalee Females, *100th Session of the Indian Science Congress, Medical Science Section*, Kolkata. 2013, 184-185.
8. Women in Science in India: Recognizing the contribution in post independent India, *100th Session of the Indian Science Congress, Women Science Congress*, 2013, 92.
9. Effect of Bharatnattyam Dancing in Reducing Underlying Risk Factors of Metabolic Syndrome in Bengalee Females, *20th West Bengal State Science & Technology Congress*, 2013, 259.

10. Achievement and Recognition of Women in Science, 20th West Bengal State Science & Technology Congress, 2013, 303.
11. Role of Dancing Exercise in Reducing Cardio Vascular Risks in Women, 19th West Bengal State Science and Technology Congress, Saha Institute of Nuclear Physics, Kolkata, 2012, 192.
12. Effect of Dancing Exercise on Body Composition of Female Individuals, International Conference on Molecules to System Physiology: 100 Years Journey, University of Calcutta, Kolkata, 2011, 119.
13. Impact of Bharatnatyam Dancing on Body Morphological Characteristics of Young Bengalee Female Individuals, Proceedings of the 102nd Session of the Indian Science Congress, Medical Science Section, Mumbai, 2015, 91.
14. A Study on Body Composition and Somatotypological Characterization in Male Adolescent Players , Proceedings of the 102nd Session of the Indian Science Congress, Medical Science Section, Mumbai, 2015, 89-90.
15. Somatotypological Characterization: A Study in Male Sports Persons, Proceedings of International Conference on Dynamical System and Mathematical Biology, Department of Mathematics, Jadavpur University, Kolkata, February 17-19, 2014, 22..
16. Pulmonary Function Status in Adult Bengalee Females: Impact of Anthropometric Parameters on it, Proceedings of International Conference on Dynamical System and Mathematical Biology, Department of Mathematics, Jadavpur University, Kolkata, February 17-19, 2014, 23..
17. Study on Impact of Bharatnatyam Dancing on Somatotype in Adolescent Females, Proceedings of National seminar on Therapeutic Ways to Wellness: Relevance of Nutrition, Psychology, Department of Home Science, University of Calcutta, 2014, 63.
18. Effect of Kathak Dancing in Preventing Adult Bengalee Females from Being Obese, Proceedings of National seminar on Therapeutic Ways to Wellness: Relevance of Nutrition, Psychology, Department of Home Science, University of Calcutta, 2014, 62.
19. Relationship between Anthropometric Variables and Lung Function in Bengali Young Adult Sedentary Females, Proceedings of National Conference on Recent Trends in Research on Biological Anthropology in the Eastern and North-Eastern India, ISI Kolkata, 2013, 21.
20. Anthropometric Study on Effect of Bharatanatyam Dancing on Body Composition in Adolescent Bengalee Females of Kolkata, Proceedings of National Conference on Recent Trends in Research on Biological Anthropology in the Eastern and North-Eastern India, ISI Kolkata, 2013, 20-21.
21. Effect of Regular Resistance Exercise on Fitness Status of Adult Bengalee Males, Proceedings of the 100th Session of the Indian Science Congress, 2013, 173-174.
22. Effect of noise on auditory status school going children, Proceedings of the 20th West Bengal State Science & Technology Congress, 2013, 421.
23. Relevance of Swami Vivekananda's Ideals in Creating Scientific Temper: a Sesquicentennial Relook, Proceedings of the 20th West Bengal State Science & Technology Congress, 2013, 304.

24. Hypertension: Can Exercise Reduce it? Proceedings of Socio-Medical National Seminar on Hypertension and its Complications, 2013, 35-36.
25. Traditional Knowledge about Biodiversity: its significance in Human Health, Proceedings of International Conference on Glocal Crisis and Environmental Governance in Northeastern Region of India, Silchar, 2013.
26. Dancing Exercise and Its Impact on Body Composition in Females, Proceedings of the 99th Session of the Indian Science Congress, 2012, 177.
27. Impact of Occupational Noise on Coal Mine and Railway, Proceedings of the 99th Session of the Indian Science Congress, 2012, 72-73.
28. Impact of Occupational Noise Exposure on Human Resources Working in Coal Mines, Proceedings of International Conference on Molecules to System Physiology: 100 Years Journey, University of Calcutta, Kolkata, 2011, 134.

Evaluative Report of the Department of Economics

1. Name of the department: Economics
2. Year of Establishment: General Course from 1949 and Honours from 2005
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG Honours and General Courses
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual based credit system.
6. Participation of the department in the courses offered by other departments: Mathematics (Probability and Statistics Portion)
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: The College is Affiliated with the University of Burdwan
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of Teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors*	01	01 (On Lien)
Asst. Professors	01	01
Party-time Teachers	03	03
Guest Lecturers	01	01

* All Base posts are Assistant Professor Post, upgraded by Career Advancement Scheme

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Sima Banerjee	M.A. , Ph.D	Associate Professor (On Lien)	Statistics and Econometrics	26 years 8 months	None
Dr. Anindita Sengupta	M.Sc., Ph.D.	Assistant Professor (Stage 3)	Advanced Economic Theory	15 years 5 months	None
Bijeta Sinha	M.A.	Part-time Teacher	Agricultural Economics	27 years	None
Ruma Bhattacharyya	M.Sc, M.Phil	Part-time Teacher	Statistics and Econometrics	5 years 3 months	None
Koeli Sarkar	M.A., M.Phil.	Part-time Teacher	Statistics and Econometrics	5 years 3 months	None
Dr. Jayaboti Ganguly	M.A., Ph.D.	Guest Lecturer	Statistics and Econometrics	4 months	None

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

Practical Classes: NIL

Theoretical Classes:

Programme	Total no. of classes	No. of classes taken by temporary faculty	Percentage of lectures delivered by temporary faculty
UG Level (Hons.)	53/week	35/week	66.03%*
UG Level (Gen.)	11/week	5/week	45.45%

*Since there is only one Full Time Teacher in the department, a major share of total

classes is borne by the Part-time Teachers and the Guest Lecturer.

13. Student -Teacher Ratio (programme wise): 2014-2015

Programme	Total no. of students	Total no. of teachers	Student-Teacher Ratio
First year (Hons.)	5	5	1:1
Second year (Hons.)	6	5	1.2:1
Third year (Hons.)	10	6	1.67:1
First year (Gen.)	44	2	22:1
Second year (Gen.)	58	2	29:1
Third year (Gen.)	5	2	2.5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph. D	3
M Phil	2
PG	1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: One

Name of the faculty	Research topic	Nature of the research	Duration
Dr. Sima Banerjee	Impact of MGNREGA in selected villages of Hooghly district, West Bengal	UGC sponsored minor research project	13.04.2014-continuing

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:
- * a) Publication per faculty: Dr. Sima Banerjee: National: 4
International: 1
Dr. Anindita Sengupta: National: 8
International: 2
Dr. Jayaboti Ganguly: National: 4
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students:
Dr. Anindita Sengupta: National: 5
International: 1
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
 - * Monographs: Dr. Sima Banerjee: 1
Dr. Anindita Sengupta: 1
Dr. Jayaboti Ganguly: 1
 - * Chapter in Books: Dr. Anindita Sengupta: 2
 - * Books Edited: NIL
 - * Books with ISBN/ISSN numbers with details of publishers:
Dr. Anindita Sengupta: 4
 - 1) LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbruken, Germany
 - 2) Oxford University Press, India
 - 3) National Publishing House, Jaipur, India
 - 4) Concept Publishing Company Pvt. Ltd., New Delhi
 - * Citation Index: Information not available
 - * SNIP: N.A.
 - * SJR: N.A.
 - * Impact factor: Information not available
 - * h-index: N.A.
20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Committees	Name of Faculties
National	<ul style="list-style-type: none"> • Dr. Sima Banerjee: Life member of Bangiya Arthaniti Parishad • Dr. Sima Banerjee: Life member of Socio-economic Association • Dr. Anindita Sengupta: Life member of Bangiya Arthaniti Parishad • Dr. Anindita Sengupta: Life member of Indian Society of Labour Economics • Dr. Anindita Sengupta: Life member of Indian Association for Research in National Income and Wealth • Dr. Jayabati Ganguly: Life member of Bangiya Arthaniti Parishad • Dr. Jayabati Ganguly: Life member of Indian Economic Association
International	<ul style="list-style-type: none"> • Dr. Anindita Sengupta: Member of International Association for Research in Income and Wealth





22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100 per cent students of UG have done Environmental Studies Project.
- 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:

- Ananda Prasad -Rani Miukherjee Award: Cash Prize of Rs. 500 to the best student of B.Sc. (Hons.) Part-III Examination
- Jadunath Chaudhury Utsaha Dan Tahabil ("Nibedita Memorial Award"): Cash Prize of Rs. 400 to the best student of B.A. Part-III Examination of Economics

24. List of eminent academicians and scientists / visitors to the department:

- Dr. Soumyen Sikdar, Professor, IIM, Calcutta
- Dr. Arup Kumar Chattopadhyay, Professor, Department of Economics, University of Burdwan.
- Dr. Soumyendra Kishore Dutta, Professor, Department of Economics,

University of Burdwan.

- Dr. Panchanan Das, Associate Professor, Department of Economics, University of Calcutta

25. Seminars/ Conferences/Workshops organized & the source of funding a)

National: NIL

b) International: NIL

c) Departmental:

Seminar/Workshop Topic	Date	Funding Agency
West Bengal Economy: Future Prospects (Seminar)	23.09.2011	College Fund
Workshop on 'Recent Trends in the Enrolment For Under - Graduate Studies in Economics'	27.04.2012	UGC
Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Softwares (Workshop)	13.01.2015 and 14.01.2015	IQAC
Economic Growth, Degradation of Natural Resources and Environment: Role of Perverse Subsidy (Seminar)	30.11.2015	College Fund





26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
UG (2011)	16	16		7	85.72%
UG (2012)	11	11		6	83.33%
UG (2013)	12	12		10	80%
UG (2014)	12	12		7	42.85% (Only 3 students appeared in the Examination)
UG (2015)	10	10		5	Result not yet published

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U.G. (2011)	100	0	0
U.G. (2012)	100	0	0
U.G. (2013)	100	0	0
U.G. (2014)	100	0	0
U.G. (2015)	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Number of students cleared state competitive examinations: 05

Other information not available.

29. Student progression

Student progression	Against % enrolled
UG to PG	90%
PG to M.Phil.	10%
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	Information not available
<p style="text-align: center;">Employed</p> <ul style="list-style-type: none"> - Campus selection - Other than campus recruitment 	<p>No provision for campus recruitment</p> <p>In different competitive examinations: about 60% of the passed-out students</p>
Entrepreneurship/Self-employment	Information not available

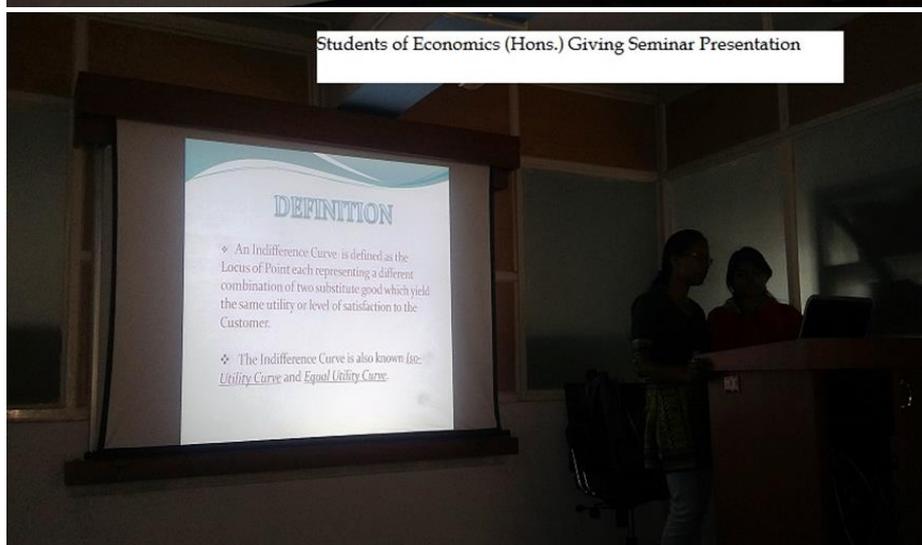


30. Details of Infrastructural facilities a) **Library:** There is a seminar Library with approximately 400 text and reference books.

b) Internet facilities for Staff & Students: There is one desktop computer in the department with internet connection, which the teachers can use. With permission of teachers, students can also use it. There are one desktop computer and two laptops in the digital laboratory of the department. These machines do not have any stable internet connection. However, students can use them with the help of wifi or dongle whenever required.

c) Class rooms with ICT facility: There is no provision of any classroom with ICT facility separately for the department. However, there is one seminar room adjacent to the department, which has ICT facility and can be used whenever required.

d) Laboratories: A digital laboratory has been formed recently since practical classes have been included in the new syllabus from 2015-16 academic session. However, due to shortage of fund, there is only one desktop computer in the laboratory. There are two laptops in th department obtained from the completed Minor Research Projects of the teachers. These laptops are also kept in the digital laboratory for the use of the students.



31. Number of students receiving financial assistance from college, university, government or other agencies

College Scholarship:

- Alumni Association Aid:
 - i) One poor but meritorious student of B.A. First Year gets Rs. 500 as an Aid.
 - ii) One poor but meritorious student of B.Sc. First Year gets Rs. 500 as an Aid

- Financial Aid of the College:
 - i) Free Studentship available for poor but meritorious students with 75% of attendance.
 - ii) Financial assistance is obtainable from Student's Aid Fund
 - iii) Facilities for SC/ST and OBC students are kept as per Government Order.

Other Scholarships:

Kanyashree Prokolpo:

2013-14: 6 beneficiaries

2014-15: 1 beneficiary

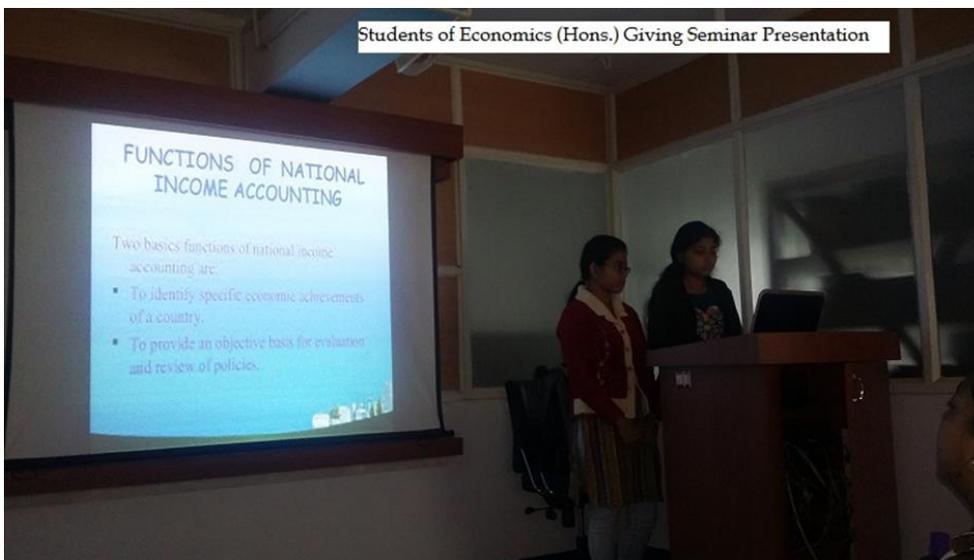
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Seminar/Workshop Topic	Speaker	Date	Funding Agency
West Bengal Economy: Future Prospects (Seminar)	Dr. Soumyen Sikdar, Professor, IIM, Calcutta	23.09.2011	College Fund
UGC Sponsored State-Level Workshop on 'Recent Trends in the Enrolment For Under -Graduate Studies in Economics' jointly organized by Department of Economics, Balagarh Bijoy Krishna Mahavidyalaya and Department of Economics, Hooghly Women's College	Dr. Anjan Chakraborty, Professor, Department of Economics, University of Calcutta	27.04.2012	UGC
Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Softwares (Workshop)	1) Dr. Arup Kumar Chattopadhyay, Professor, Department of Economics, University of Burdwan. 2) Dr. Panchanan Das, Associate Professor, Department of Economics, University of Calcutta	13.01.2015 and 14.01.2015	IQAC
Economic Growth, Degradation of Natural Resources and Environment: Role of Perverse Subsidy (Seminar)	Dr. Soumyendra Kishore Dutta, Professor, Department of Economics, University of Burdwan.	30.11.2015	College Fund



33. Teaching methods adopted to improve student learning

- Lecture Method is followed initially to give a basic idea of the topic.
- After giving the students the general idea about the topic, teachers use Interactive Method, Question-Answer Method, Seminar Presentation Method, Project Method and Group Discussion.
- Tutorial classes help the students to overcome their shortcomings and rectify their confusions during the slack session.
- Need-based library classes.
- Students are encouraged to publish their writings in the departmental magazine, 'Economica' bi-annually.
- Occasional Educational Excursions are conducted to help students to have practical experience about different industries, specially our locality.



34. Participation in Institutional Social Responsibility (ISR) and Extension activities
 Students are actively involved with the college units of NSS. Some students are enrolled in the computer course conducted by College Computer Centre (Managed by Techno India Group). Students are enthusiastically involved in different programmes conducted by the 'Equal Opportunity Cell'.

35. SWOC analysis of the department and Future plans

STRENGTH:

- The department has dedicated teaching faculty. Although there is only one full-time teacher in the department at present, but all the part-time teachers and the guest lecturer are competent and dedicated.
- Good student-teacher ratio implies that the teachers can take extra care to all the students and there is minimal need of private tutor for the students. Although we get a

small number of students with quite average result in class 12 stage, we groom them properly so that most of them secure very good marks in the University Examination.

- Separate departmental rooms for the students with vinyl board facility.
- Since the number of students is small, although projector is not available separately for the department, the laptop can directly be used in the classes and it is easily visible to the students.
- Seminar room with ICT facility is adjacent to the department, which can be used whenever it is necessary.
- The seminar library is well-stocked and very much beneficial for both the students and the teachers.
- Internet facility is available in the department which can easily be used by the teachers and the students

WEAKNESS:

- There is only one full-time teacher in the department. Considering the huge burden of syllabus of Economics, especially, the Honours course, it is very hard to complete the syllabus for the teachers of the department.
- The most serious problem of the department is the declining popularity of the subject. Very few students get admitted each year despite extremely good results of the existing students in the subject.
- There is no classroom with ICT facility for the department separately.
- The digital library has only one desktop computer, whereas, according to the instructions of the University, each student should be given the chance to use a desktop. Although there are two laptops derived from completed projects of the teachers, but these laptops are old and slow.
- There is no internet facility in the desktop computer of the digital library.

OPPORTUNITIES:

- As the department is small, it is easy to the students to have plenty of time for interaction with teachers, which not only help them in understanding their routine curriculum but also instills in them an interest for research at their level.
- As the results of the students are generally very good in University Examination, almost all of them have a chance pursue Masters' degree from reputed universities, especially in the University of Burdwan. Others get absorbed in good quality jobs.
- Having good infrastructural facilities in the department, it is easy for the teachers doing research works like minor research projects, preparing papers for seminars/conferences or for preparing articles for publishing in journals.

CHALLENGES:

- Since (1+1+1) examination system has been adopted by the University of Burdwan since 2006-07, there is limited scope for applying innovative teaching methods due to hurry in completing the syllabus as quick as possible.
- Burdwan University has initiated a new paper of Computer Application and Project for 50 marks from the year 2015-16. It is a challenge to make all the students well-equipped with computer application and to teach them how to inter-connect theoretical knowledge of Economics with practical real-life experiences through the successful preparation of projects within such a short period of time for the third year.
- It has always been a challenge for the department to attract a fair number of students to get admitted in First Year in the beginning of each Academic Session, considering the declining popularity of the subject in the state.

S-O STRATEGIES:

- As the department has small number of teachers and well stocked seminar library, teachers are planning to start special career guidance for the passed-out students for different competitive examinations.
- Special care is taken so that students can make PowerPoint presentations in the departmental seminars. In this connection, teachers are planning to make students prepared to present papers in several National and International level seminars and conferences for undergraduate students.

W-O STRATEGIES:

- Infrastructural facilities in the department have to be improved to motivate improved student learning and faculty research.
- Classes are to be made more attractive and more career opportunities from this subject are to be highlighted in the prospectus of the college, so that more students are attracted towards this subject.

S-C- STRATEGIES:

Strict discipline among students is maintained to ensure a healthy academic environment in the department.

W-C STRATEGIES:

Special classes and tutorial classes are held to complete syllabus within the short time schedule available and train them adequately for their university examination.

Annexure to the Evaluative Report of Department of Economics

Dr. Sima Banerjee (Associate Professor (On Lien))

Published Papers in Journals

6. Operational Holding Concentration in India- Changing Pattern, in Journal of Interacademia, Vol.10,No.2 April,2006, ISSN No.-0971-9016
7. Productivity Growth in the Cement Industry, in Productivity, Vol. 47,No.1-2 April-Sept 2006, ISSN No.-0032-9924
8. Issues of Concentration and Convergence in Indian Cement Industry, in Indian Journal of Regional Science, Vol.39,No.2 Dec2007, ISSN No.-0046-9017
9. Profitability Trend in Indian Cement Industry, in Economic Affairs, Vol.60,No.1 2015, ISSN No.-0424-2513
10. Impact of Micro-credit on the Agrarian Economy-A Case Study in Hooghly District of West Bengal, India, in International Journal of Social Science, New Delhi, Vol.3,No.1 March 2014, ISSN NO. 22496637

Books published as single author

2. Cement Industry in India -An Economic Review Pre and Post Liberalization, published by Sahitya Sree , 73, Mahtma Gandhi Road Kolkata-700009, August,2013, ISBN No.:81-86386-53-0

Dr. Anindita Sengupta (Assistant Professor, Stage 3)

Published Papers in Journals

1. Status of Women Agricultural Workers in West Bengal during the Post-Reform Period, in Social Work Chronicle, Vol-1, Issue-1, May, 2012, pp. 55-88, ISSN No. 2217-1395
2. Agricultural Produce, Land Distribution and Tenancy Rights in West Bengal, in Artha Beekshan, Vol-21, No.-3, Dec, 2012, pp. 23-34, ISSN No. 0972-1185
3. Migration, Poverty and Vulnerability in the Informal Labour Market in India, in Bangladesh Development Studies, Vol-36, No.-4, Dec. 2013, pp. 99-116, ISSN No. 0304-095X
4. Structure and Growth Aspects of Large Scale Industries in West Bengal: Some Results with ASI Data, in Journal of Income and Wealth, Vol-36, No. -1, Jan-June, 2014, pp. 51-59, ISSN No. 0974-0309

5. Gender Wage Discrimination across Social and Religious Groups in India: Estimates with Unit Level Data, in Economic & Political Weekly, Vol-XLIX, No.-21, May 24, 2014. pp. 71-76, ISSN No. 0012-9976
6. Wages, Productivity and Employment in Indian Manufacturing Industries: 1998-2010, in The Journal of Industrial Statistics, Vol 4, No.2, September 2015, ISSN No. 2278-4667
7. Gender Inequality in Well-being in India: Estimation with NFHS Household Level Data, accepted for publication in Economic & Political Weekly.

Books published as single author

1. Migration Of Labour In West Bengal Districts: 1991-2001 - Nature and Changes of Short Distance Migration During The First Decade of Reform, published by LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, 2012, ISBN No.978-3-8473-3878-9

Books published as co-author

1. Economics I : For B.Com Honours and General Degree Courses of University of Calcutta, published by Oxford University Press, 2015, ISBN-13: 978-0-19-945853-0, ISBN-10: 0-19-945853-7.

Articles/ Chapters published in Books

1. Measuring Productivity and Technical Efficiency in Automotive Industry under Economic Reforms in India: Stochastic Frontier Analysis with Firm-Level Data, in Econometric Applications in Management, Editors: Prof. R.C. Sharma and Dr. Sanjay Kumar Garg, Publisher: National Publishing House, Jaipur, India, Nov, 2013, pp 53-65, ISBN No. 978-81-8018-135-1
2. Issues and Challenges of Primary Education in Tripura: Drop-out is still a Major Challenge, Sustaining Development in North-East India: Emerging Issues, Challenges and Policy Measures, Editor: Anupam Hazra, publisher: Concept Publishing Company Pvt. Ltd., New Delhi, Jan, 2014, pp 128-148, ISBN No. 978-91-5125-024-1

Projects/ Consultancies

1. Principal Investigator of U.G.C. sponsored Minor Research Project on 'Regional Empirical Input Output Model - Structural Analysis of West Bengal Economy' (Status: Completed).

2. Co-Investigator of UGC sponsored Major Research Project on 'Technical Adaptation and Survival of Jute Textile Industry - A Comparative Study of India and Bangladesh' (Status: Completed).

Papers presented in Conferences, Seminars, Workshops, Symposia

1. 'Status of Women Agricultural Workers during the Post-Reform Period: A Case-Study of West Bengal' in 53rd Annual Conference of Indian Society of Labour Economics, organised by Indian Society of Labour Economics and Department of Economics, Mohanlal Sukhadia University, Udaipur, Rajasthan, India, during December 17th to 19th, 2011 (National Level)
2. 'Growth Deceleration in Agriculture in West Bengal during the Post-WTO Period: Role of Tenancy Reforms and Indebtedness' in 32nd Annual Conference of Bengal Economic Association, organised by Bengal Economic Association and Department of Economics, Maulana Azad College, Kolkata, during February 18th to 19th, 2012 (State Level)
3. 'Agricultural Growth, Tenancy Rights and Land Distribution in West Bengal: 1980-2006.', in UGC Sponsored National Seminar on 'Inclusive Growth in Agriculture: Measurement and Policy Issues', organised by Osmania University, Department of Economics, Hyderabad, Andhra Pradesh, India, on March 10th, 2012, (National Level).
4. 'Declining Popularity of Economics As An Honours Subject in the Undergraduate Colleges in West Bengal: Are There Any Remedies?', in UGC Sponsored State-Level Workshop on 'Recent Trends in the Enrolment For Under -Graduate Studies in Economics', organised by Department of Economics, Balagarh Bijoy Krishna Mahavidyalaya, in collaboration with Department of Economics, Hooghly Women's College, Hooghly, on April 27th , 2012 (State Level).
5. 'The Role of Women in Providing and Improving Household Food Security in Rural India: Implications for Reducing Hunger', in 72nd Annual Conference of Indian Society of Agricultural Economics, organised by Indian Society of Agricultural Economics and Department of Agricultural Economics, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, India, during November 17-19, 2012 (National Level).
6. 'Understanding Gender-Discrimination in Wages across Social and Religious Groups in India: 1993-2009', in International Conference on "India's Development Strategy: Discourses on Past, Present and Future.", organised by Centre for Jawaharlal Nehru Studies, Jamia Millia Islamia, New Delhi, India, during March 5-6, 2013 (International Level)

7. 'Measuring Productivity and Technical Efficiency in Automotive Industry under economic reforms in India: Stochastic Frontier Analysis with Firm Level Data', in National Seminar on "Econometric Applications in Management", The Indian Econometric Society, Department of Management, School of Commerce and Management, Central University of Rajasthan, Ajmer, Rajasthan, during 20-21 November, 2013 (National Level).
8. 'Gender-Discrimination in Wages across Social and Religious Groups During the Post-Reform Period: Evidence from India', in 55th Annual Conference of ISLE, organised by Indian Society of Labour Economics, Centre for Economic Studies and Planning, Centre for Informal Sector and Labour Studies, Jawaharlal Nehru University, New Delhi, during 16-18 December, 2013 (National Level).
9. 'Sustainable household food security in rural India: role of women', in State-Level Seminar on "Impact of Pollution: Assessment and Awareness", organised by Department of Zoology, Hooghly Women's College, Pipulpati, Hooghly, during 14-15 February 2014 (State Level).
10. 'Regionalization of national input-output tables in India using non-survey method: The Case of West Bengal', in IARNIW Annual conference, organised by IARNIW and Mahatma Gandhi Labour Institute, Ahmedabad, Gujarat, during 6-7 March, 2014. (National Level).
11. 'Measuring Inter-Personal Variations of Well-being in India: A Household-Level Study on Sen's Capability Approach', in 33rd General Conference of IARIW, organised by IARIW and Statistics Netherlands, Rotterdam, the Netherlands, during August 24-30, 2014 (International Level).
12. 'Regional Disparity of Social Sector Expenditure in India During the Post-Reform Period', in IARNIW Annual Conference, New Delhi, organised by 19-20 March 2015 (National Level).
13. 'Wages, productivity and employment in Indian Manufacturing Industries: 1998-2010', in National Seminar on Industrial Statistics, Kolkata, organised by CSO-ISW, during 29-30 October 2014 (National Level).
14. 'Food Insecurity and Nutritional Wellbeing under WTO Regime in India: Estimation with Unit Level Data', in International Conference on Indian Agricultural Sector Under Trade Liberalisation and WTO: Issues and Challenges, organised by IIFT, Qutab Institutional Area, Nalanda Hall, New Delhi, during December 11-12, 2014 (National Level)
15. 'Regional Dispersion in Growth, Efficiency and Technological Change in Food and Beverage Industry in India: 1998-2013', in International Conference on Issues in Regional Development, Burdwan, West Bengal, organised by Department of Economics, University of Burdwan, during September 15-16, 2015 (International Level)

16. 'Burden of Unpaid Care Work on Women in West Bengal: A Case Study of Hooghly District', in 57th Annual Conference of ISLE, Srinagar, Kashmir, organised by Department of Economics, Central University of Kashmir, during October 10 - 12, 2015 (National Level)

Dr. Jayabati Ganguly

Published Papers in Journals

1. The Demographic Transition in West Bengal- An Inter-district Analysis, in Arthabeekshana, Vol.15, No.1,2006, ISSN No. 0972-1185
2. Gender Inequality in Indian States- Development of a Gender Discrimination Index, in Business Studies, Vol.26 No.1&2 January-July 2005, ISSN No. 2250-1924
3. Agricultural Growth, Diversification and Convergence- A Case Study of North-East Region in India, in Asian Economic Review, April, 2009, ISSN No. 0004-4555

Articles/ Chapters published in Books

1. An Analysis of Demographic Change in West Bengal since 1950- A comparison with Neighbouring States, in Indian Economy Ideas, Development and Finance Reforms, 2006, ISBN No. 978-81-8450-055-4

Evaluative Report of The Department of Geography

1. Name of the Department: Geography
2. Year of Establishment: 1949 [General] and Honours extended in 1965
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and 1965 Integrated Masters; Integrated Ph.D., etc.) :

Under - Graduate course	<ul style="list-style-type: none"> • Three years Honours Degree Course
	<ul style="list-style-type: none"> • Three years General Degree Course

4. Names of Interdisciplinary courses and the departments / units involved: N.A
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: N.A
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Professors	N.A	N.A
Associate Professors	2	2
Asst. Professors	3	3

- All base posts are Assistant Professor post

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Syamalina Goswami	M.Sc, M.Phil, Ph.D	Associate Professors	Advanced Pedology, Ecology, Environmental Sc.	23	None
Dr. Syamapada Santra	M.A, Ph.D	Associate Professors	Agricultural Geography	29	None
Dr. Sujata Das	M.Sc, Ph.D	Asst. Professors	Cartography, Social Geography	13	None
Sri Tanmoy Dhibar	M.A	Asst. Professors	Advance Geomorphology	5	None
Smt. Soumita Ghosh	M.Sc	Asst. Professors	Cartography, Geoinformatics	5	None

11. List of senior visiting faculty: N.A

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: N.A

12. Student -Teacher Ratio (programme wise)

Programme/ Course	Student -Teacher Ratio		
	Hons.	General	Total
Part-I	10:1	3:1	12:1
Part-II	6:1	4:1	7:1
Part-III	7:1	4:1	7:1
Average	8:1	4:1	8:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

2 sanctioned [1 filled up, 1 contractual].

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Teaching faculty with Ph.D	3
Teaching faculty with M.Phil	1
Teaching faculty with P.G.	2

16. Number of faculty with ongoing projects from

a) National funding agencies and grants received: Nil

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: N.A

19. Publications:

Name of the faculty	No. of papers published (nat/int)	No. publication in international database	Mono graphs	Books Edited	Books with ISSN/ISBN No	Citation Index	SNIP	SJR	Impact factor	H-Index
Dr. Syamalina Goswami	--	--	--	--	--	--	--	--	--	--
Dr. Shyamapada Santra	--	--	--	--	--	--	--	--	--	--
Dr. Sujata Das	4	--	--	--	--	--	--	--	--	--
Sree. Tanmoy Dhibar	1	--	--	--	--	--	--	--	--	--
Sm. Soumita Ghosh	4	--	--	--	--	--	--	--	5.5	--

20. Areas of consultancy and income generated:-

Name of the Teacher	Service provided
Dr. Shyamapada Santra	N.S.O.U as a counsellor in P.G course
Shi. Tanmoy Dhibar	N.S.O.U as a counsellor in U.G course

21. Faculty as members in:

a) National committees	Dr.Syamalina Goswami	1.Institute of Landscape, Ecology and Ekistics[ILEEE]
	Dr. Shyamapada Santra	1.The Geographical Society of India(Life member) 2.Institute of Landscape, Ecology and Ekistics[ILEEE]
	Dr. Sujata Das	1.Indian National Cartographic Association (Life member) 2.The Geographical Society of India(Life member) 3.Indian Science News Association(Life member)
	Shri. Tanmoy Dhibar	1.Indian Geographical Foundation[IGF]
	Sm. Soumita Ghosh	1.The Geographical Society of India(Life member) 2.Institute of Landscape, Ecology and Ekistics[ILEEE] 3.National Association of Geographers India [NAGI] 4.Indian Institute of Geomorphologists [IIG]

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies 02 - 04

23. Awards / Recognitions received by faculty and students:

Sr, No	Year	Name	Award
1.	2007	Subarna Chatterjee	GRE
2.	2008	Swadhika Mourya	CSIR JRF
3.	2009	Swadhika Mourya	UGC JRF
4.	2009	Alokananda Roy	1 st Class 1 st in U.G. Level
6.	2011	Alokananda Roy	1 st Class 2 nd in P.G. Level
7.	2012	Alokananda Roy	UGC JRF
8.	2013	Saheli Kumar	1 st Class 1 st in U.G. Level
9.	2014	Soumi Chatterjee	UGC NET joined M.Phil at J.N.U.
10.	2014	Sohini Debnath	SET

24. List of eminent academicians and scientists / visitors to the Department:

Sl. No	Name of the faculty	University	Date
1.	Sri Balen Basu	OPSIS System Pvt. Ltd.	08.10.2015

25. Seminars/ Conferences/Workshops organized & the source of fundinga) National
b) International: Nil

c) Workshop

Workshop Topic	Date	Collaborator	Speakers	Funding Agency
“Remote Sensing and G.I.S. : Its Application and Future Issues”	08.09.2015	OP SIS System Pvt. Ltd	Sri BalenBasu Sri Sujan Thakur	College
Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Softwares	13.01.2015 and 14.01.2015	Department of Economics, Hooghly Women’s College	1) Dr. Arup Kumar Chattopadhyay, Professor, Department of Economics, University of Burdwan. 2) Dr. Panchanan Das, Associate Professor, Department of Economics, University of Calcutta	IQAC

25. Student profile programme/course wise:

Name of the Course/Programme	Year	Application Received	Selected	Enrolled	Pass Percentage
U.G	(2011-12)	706	97	57	100
	(2012-13)	737	102	60	100
	(2013-14)	481	67	45	99
	(2014-15)	975	79	66	100

27. Diversity of Students

Name of the Course	Percentage of students from the same state	Percentage of students from the other state	Percentage of students from the abroad
U.G. (2011-12)	100	Nil	Nil
(2012-13)	100	Nil	Nil
(2013-14)	100	Nil	Nil
(2014-15)	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Many have. But unfortunately the data is not available with the department. One student have gone abroad for higher studies through GRE, many more have gone for higher studies in India and quite a large number have taken up jobs on their own. The achievements of all of them are creditable. We the departmental teachers personally accumulated the following:

YEAR	NET/SET/OTHERS
2008	1
2009	1
2012	1
2014	2

29. Student progression

Student progression	Against % enrolled
UG to PG	62
PG to M.Phil	0.2
PG to Ph.D.	0.05
PG to Post-Doctoral	N.A
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	02% 1%
Entrepreneurship/ Self-employment	N.A

30. Details of Infrastructural facilities

a) Library	1 (Seminar Library)
	1 (Central library)
Books	(Seminar Library)
CD	1 (Central library)
Donated books by retired Professors	25 (Donated by Smt. Indira Chatterjee)

a) Library-1 (Seminar Library) 1 (Central library)

b) Books in Central Library - 1314; Journals - 03 (Down to Earth, Economic and Political Weekly, Current Science)

c) Books and CD in departmental Seminar library= Books - 462 ; Association - 152 and CD - 15 (as on 11.12.2015)

Donated books by retired Professors - 25

b) Internet facilities for Staff & Students in the Department=1 (U.G. Students); 1 (For Teaching Faculties)

c) Class rooms with ICT facility= Nil

- Laboratories
 - i. Computer Laboratory - 02
 - ii. Cartography Laboratory - 01
 - iii. Soil Laboratory - 01
 - iv. Laboratory for Identification of Rocks and Minerals - 01

31. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	Year	Students
Merit Commeans Scholarship	(2014-15)	02
Scholarship from Government of West Bengal, Office Of the District Welfare Officer for Backward Classes	(2012-13)	03
	(2013-14)	05
	(2014-15)	09
West Bengal Council, Scheme of scholarship for college and university Students registered	(2012-13)	04
	(2013-14)	05
	(2014-15)	10
National Scholarship, CCRT, Ministry of Culture, Govt. of India	(2014-15)	01
Kanyashri, Govt. of West Bengal	(2014-15)	06

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : Nil

33. Teaching methods adopted to improve student learning

- a. LCD Projector for audio-visual supports to the students with the help of Transparency
- b. OHP for audio-visual supports to the students
- c. Take Note for easy transformation of words in digital format
- d. PPT Presentation for making class lectures more attracted and convenient to the students.

e. Q-GIS Software used to make a knowledge regarding the changing nature of land use and land cover of the earth surface, in terms of encroachment, transformation and change of the earth surface features.

f. Field based Environmental Project Report towards the inclination of planning and management and to encourage the planning and thoughts regarding the Sustainability of the environment.

g. Field based study tour to make an interaction with the man-environmental relationship and make a comparative study regarding the socio-economic condition of the people in different parts of the country.

h. Use of Surveying Instruments to get the locations, undulations, areal configuration of any geographical region.

i. Use of GPS Instrument to get the location, elevation of any portion of the earth surface.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students are encouraged in participate of Institutional Social Responsibilities and extension activities conducted by the college. They actively participate in the NSS activities, Sports and Cultural activities.

35. SWOC analysis of the department and Future plans

SWOC Analysis	Evaluation	Strategies
Strength	<ol style="list-style-type: none"> The department comprises of highly qualified, proficient, energetic and devoted teaching faculty, who always tries to maintain high academic excellence, Students have shown praiseworthy performance in university examination, any many of them scored highest marks in the merit lists, Well stocked and well maintained seminar library for both teachers and students; all the complimentary books and text books received by the teachers are donated in the seminar library, Department boasts of 05 laboratories including computer laboratories, cartographic laboratories, soil laboratories and laboratories for identification of rocks and minerals, The faculties are highly focused towards research work, Internet facilities through dongle, wifi connections 	<p>s-o strategies</p> <ol style="list-style-type: none"> Upgradation of departmental seminar library, laboratory, Upgradation of at least 02 class rooms by introducing ICT facilities, Requesting for Govt/ UGC funds to upgrade the computer laboratory, soil laboratory, Cartography laboratory in the department, Upgradation of at least 04 classrooms
w	1. Inadequate built-in space in the department,	<p>W-O Strategies</p> <ol style="list-style-type: none"> Expansion of the department

	<p>2. Inadequate space in the class room to accommodate ever increasing students,</p> <p>3. Faculties do not have individual research projects, because of lack of infrastructural facilities as well as excessive class load.</p> <p>4. Separate room is required for departmental seminar library and for its extension ;further subscription to more national and international journals are required.</p> <p>5. The department needs fund for upgradation of computer and soil and other laboratories</p> <p>6. Shortage of permanent technical staff.</p>	<p>with more number and larger classrooms, more laboratory space, more spacious staffrooms and seminar room is expected.</p> <p>2. Requesting government for sanctioning more teaching and non-teaching posts in the department, for opening P.G. Course.</p>
Opportunity	<ol style="list-style-type: none"> 1. Teachers are engaged in doctoral research, 2. Warm and free student-teacher interaction and counselling of the students for higher education and career planning, 3. The department has huge opportunities in research and teaching, outreach programmes for GIS, RS and planning being viable for the department. 4. To initiate post graduate course with proper infrastructural facilities and teaching posts. 5. To conduct parents-teacher meeting regarding the attendance and progress of the students, 	<p>S-C Strategies</p> <ol style="list-style-type: none"> 1. Fund crisis for purchase of journals can be overcome by subscribing for e-journals, 2. Strict discipline among students is maintained to ensure a healthy academic environment in the department.
Challenges	<ol style="list-style-type: none"> 1. 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 Burdwan in the U.G. curriculum. 2. To continue to maintain teaching excellence, 	<p>W-C Strategies</p> <ol style="list-style-type: none"> 1. Special classes are held both in theoretical and practical courses to complete syllabus within the short time schedule available. 2. From the entire student group, it is challenging to pull up the academic standard of the socially and economically backward students.

Annexure to the Evaluative Report of Department of Geography

Dr. Sujata Das:

Seminar/Conferences Attended

1. Attended UGC-Sponsored National Seminar on 'Biodiversity, Land-use and its development' organized by Dr. Kanailal Bhattacharyya College in collaboration with Bijoy Krishna Girls' College, Howrah on 16-17 July 2011.
2. Attended UGC-Sponsored National Seminar on "SahityaBicharePoribeshKendrikDrishtibhongi" organized by department of Bengali, Dinabandhu Andrews College, Garia and Department of Bengali and Environmental Science, Vivekananda College, Thakurpukur, Kolkata on 8-9 Dec 2011.
3. Attended UGC-Sponsored State-Level Seminar on 'Geographical Appraisal of the City of Joy's Environmental Wellbeing' organized by department of Geography, Sarsuna College, in collaboration with KMC Computer Aided Design Centre, department of Computer Science and Engineering, JU on 17-18 Jan 2012.
4. Attended UGC-Sponsored National Seminar on ' Environmental Resources and Development' organised by department of Geography Lalbaba College in collaboration with department of Geography , CU on 4-5 March 2013.
5. Presented paper in GOWB sponsored state level seminar on " Impact of Pollution : assessment and awareness", organised by Department of Zoology, Hooghly Women's College 14th and 13th Feb, 2014.
6. Attended UGC Sponsored State Level Seminar on "Women: their contribution towards society", organised by Equal Opportunity Cell, Hooghly Women's College on 2nd Sept 2014.
7. Attended UGC Sponsored State Level workshop on "Basic data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Software", 13 -14, January, 2015, organised by IQAC, Hooghly Women's College.

Publications:

2011-12

1. Published paper on "Selected Indicators of Quality of Life of Rural Women" in Academic Spectrum, Vol 2, No. 3, Dec 2011 (ISSN No. 09769323)
2. Published paper on "Environmental Laws: An Indian Perspective" in International Journal of Humanities and Aesthetics, Vol 2, No. 2, June 2015 (ISSN No. 2394-1898).

Soumita Ghosh

Published Papers in Journals

1. SMALL SCALE INDUSTRIAL PROFILE OF HOWRAH AND ITS IMPACT ON ECONOMY" (June 2009), Vol. - 32 (1), 'Indian journal of landscape system and ecological studies', Journal of Indian Institute of Landscape Ecology and Ekistics, INDIA.
2. "CLASSIFICATION OF DEGRADED LAND AND ITS MANAGEMENT, PURULIA DISTRICT, WEST BENGAL, INDIA" (December 2009), Vol. - 32 (2), 'Indian journal of landscape system and ecological studies' Journal of Indian Institute of Landscape Ecology and Ekistics, INDIA.
3. "ECONOMY, SOCIETY AND CULTURE - A GEOGRAPHICAL PERSPECTIVE, CASE STUDY : RAJA TEA ESTATE, JALPAIGURI DISTRICT, WEST BENGAL" (June 2010), Vol. - 33 (1), 'Indian journal of landscape system and ecological studies', Journal of Indian Institute of Landscape Ecology and Ekistics, INDIA.
4. "IMPACT OF POPULATION GROWTH ON NUTRITIONAL DENSITY AND FOOD SECURITY - A SPATIO - TEMPORAL ANALYSIS OF AJAY-MAYURAKSHI INTERFLUVE, BIRBHUM DISTRICT, WEST BENGAL, INDIA" (October 2014), Vol. - 19, Issue - 10, 'International organization of Scientific Research Journal of Humanities and Social Science'.

SEMINARS/ CONFERENCES/ WORKSHOPS

- 1) Presented Paper in " INTERNATIONAL CONFERENCE ON LAND USE CHANGE, BIODIVERSITY AND SUSTAINABLE RESOURCE MANAGEMENT" Organised by Department of Geography, C.M. Dubey P.G. College, Bilaspur, Chhattisgarh (India), held on 7th to 9th October, 2009.
- 2) Presented Paper in " NATIONAL SEMINAR ON EMERGING ISSUES IN GEOGRAPHY", Organised by Department of Geography, Visva - Bharati, Santiniketan and Indian Geographical Foundation, Kolkata, held on 20th and 21st March, 2010.
- 3) Participated in " NATIONAL SEMINAR ON PERSPECTIVES OF HIMALAYAN ENVIRONMENT", Organised by Himalaya Samiksha Parishad and Co- Sponsored

by Department of Geography, University of Calcutta; Netaji Institute for Asian Studies, Kolkata; National Atlas & Thematic Mapping Organisation and Department of Forest, Government of West Bengal, held on 30th October, 2010.

- 4) Participated in "NATIONAL SEMINAR ON APPLIED GEOGRAPHY: ISSUES AND TECHNIQUES", Organised by Department of Geography, University of Calcutta, held on 14th and 15th January, 2011.
- 5) Participated in "NATIONAL SEMINAR ON NATURAL RESOURCE MANAGEMENT" under UGC-DRS (SAP) Programme, Organised by Department of Geography, University of Calcutta, in collaboration with CSIR, ICSSR, NATMO, ILEE AND GSI, held on 10th and 11th March 2011.
- 6) Participated in " UGC SPONSORED NATIONAL SEMINAR ON BIO-DIVERSITY: LAND USE AND ITS DEVELOPMENT", Organised by Dr. Kanailal Bhattacharyya college, Howrah in collaboration with Bijoy Krishna Girls College, Howrah, held on 16th and 17th July, 2011.
- 7) Presented paper in "NATIONAL ASSOCIATION OF GEOGRAPHERS, INDIA (NAGI), 33RD INDIAN GEOGRAPHY CONGRESS", Organised by Department of Geography, University of Burdwan, held on 11th to 13th October, 2011.
- 8) Participated in " UGC SPONSORED NATIONAL SEMINAR ON SAHITYA BICHARE PARIBESH KENDRICK DRISHTIVANGI" Organised by Department of Bengali, Dinabandhu Andrews College, held on 8th and 9th December, 2011.
- 9) Participated in " UGC SPONSORED STATE LEVEL SEMINAR ON GEOGRAPHICAL APPRAISAL OF THE CITY OF JOY'S ENVIRONMENTAL WELLBEING" Organised by Department of Geography, Sarsuna College, in collaboration with Kolkata Municipal Corporation and CAD Centre, Jadavpur University, held on 17th and 18th January 2012.
- 10) Participated in " AWARENESS WORKSHOP ON VIOLENCE AGAINST WOMEN", Organised by Women's Studies Centre, Lady Brabourne college, Kolkata in collaboration with School of Women's Studies, Jadavpur University, held on 16th February, 2012.
- 11) Participated in " UGC SPONSORED STATE LEVEL SEMINAR ON BIODIVERSITY DEPLETION AND ECOLOGICAL CRISIS", Organised by Department of Geography, KhalisaniMahavidyalaya, Chandannagar, Hooghly, held on 17th February, 2012.
- 12) Presented Paper in "UGC SPONSORED NATIONAL LEVEL SEMINAR ON RESOURCE UTILIZATION IN INDIA: ENVIRONMENTAL IMPACTS AND SUSTAINABLE DEVELOPMENT", Organised by, Department of Geography,

Tarakeswar Degree College, Hooghly, held on 19th and 20th March, 2012.

- 13) Participated in “ UGC SPONSORED STATE LEVEL SEMINAR ON RABINDRANATH TAGORE: PARCEPTION OF HISTORY” , Organised by Department of History, KabiSukantaMahavidyalaya, Hooghly, held on 22nd March, 2012.
- 14) Presented Paper in 35th Indian Geographer’s Meet and International Conference, IIG (Institute of Indian Geographers), Organised by Department of Geography, Burdwan University, On 11-13th November, 2013.
- 15) Presented Paper in UGC Sponsored State Level Seminar on ‘Impact of Pollution : Assessment and Awareness, organized by Department of Zoology, Hooghly Women’s College on 14th and 15th February, 2014.
- 16) Participated in One day Workshop on Career Advancement Scheme, organized by, The Internal Quality Assurance Cell of KhalisaniMahavidyalaya on 20 th September, 2014.
- 17) Participated in UGC Sponsored State Level Workshop on Basic Data Handling for Empirical Research in Humanities and Social Sciences: Use of SPSS and STATA Software,organised by, The Internal Quality Assurance Cell of Hooghly Women’s College, on 13 and 14th January, 2015.

Profile of the Librarian :

Shri Ashok Kumar jana

Attended Seminar :

1. 14th National Convention of knowledge, Library and information, Networking organised by Visva Bharati library and DELNET held on November 15-16,2011.
2. UGC sponsored one day State level seminar on “Modern Indian College Library : User Trends” organised by Chandrakana Vidyasagar mahavidyalaya on December 21, 2012.
3. Annual Conference and seminar organised by West Bengal College Librarians Association held on 19-01-2014.
4. DST sponsored State level seminar on “Impact of Pollution : Assessment and awareness organised by Department of Zoology, Hooghly Women’s College on 14-15th February, 2014.
5. UGC sponsored State level seminar on ‘Women : Their contribution towards society’ organised by Equal Opportunity Cell, Hooghly Women’s college on 2nd September, 2014.
6. International seminar on ‘Sustainability of Library and information services’ organised by DLIS, CU, UGC and RRLF on January 30-31, 2015.
7. Annual Conference / workshop and seminar organised by West Bengal College Librarians Association held on 8th March, 2015.

List of Publications :

1. A.K. Jana (2012). Local history collection of kakdeep sub-division in South 24 Parganas District : a study proceedings of UGC Sponsored national Level seminar on ‘ Role of library in Local history collection’ held at Maynaguri College [ISBN : 978-81-924184-0-7]
2. A.K. Jana (2013). Library Automation in the degree Colleges of kakdeep sub-division of West Bengal : problems and prospects. Proceedings of UGC sponsored State

level seminar on ' Modern Indian College library : User trends', held on Chandrakona Vidyasagar Mahavidyalaya.' [ISBN : 978-81-928721-1-7]

3. S. Ghosh chowdhury and A.K. Jana (2013). Need to introduce career guidance service in college libraries in West Bengal. Proceeding of the UGC sponsored State level seminar on 'Modern Indian College Library : User trends', held at Chandrakona Vidyasagar mahavidyalaya. [ISBN : 978-81-92872-1-7]

4. A.K. Jana (2014). International Retrieval in Hooghly Women's College library : scope and Limitation. College Libraries (an English quarter by), 29 (I-II): 51-56.[ISSN : 0972-1975]

5. Post-accreditation Initiatives

Hooghly Women's College has made attempts to tackle areas pointed out by the Peer Team at the time of the Exit Meeting after the 1st Cycle of Accreditation in 2007. The College has also advanced to hitherto unexploited areas in academics and research to benefit its primary stakeholders, the students.

The Principal's Preface and the Self Study Report record all the initiatives and achievements. The more important ones are highlighted below.

- Teaching-learning is uncompromisingly modified.
- New Courses opened at UG level to address growing demands for higher education and threshold research. PG courses in Geography and Bengali were advised to open by the NAAC Peer Team in the 1st Cycle. However, due to the staff shortage and lack of proper infrastructure, the college could not open these courses. The college has the plan to initiate PG courses in Geography and Bengali in the coming years.
- The college was advised to increase the number of computers and make them ICT enabled in the 1st Cycle of NAAC. Accordingly, the college has made the campus almost totally ICT enabled and related infrastructure is being constantly enhanced and upgraded.
- A new Central Library Building has been constructed and it has been upgraded with newer books, journals, e-journals and ICT facilities.
- The college was advised to encourage faculty members to pursue more research activities, participate in national and international seminars/conferences and publish papers in national/international journals. Accordingly, the college has provided all infrastructural facilities suitable for research work in all the departments. The outcome has been phenomenal. A number to faculty members are pursuing Ph.D. Many of the faculty members have already completed their Ph.D. and are presenting papers in several national /international seminars/conferences. Many of these teachers are publishing papers in several national/international journals. A number of teachers have completed Minor Research Projects funded by UGC. Some of the teachers have taken new Minor Research Projects funded by UGC.
- Extension in Campus facilities are continuously pursued through fund-seeking. Central Library with UGC Grant, MPLAD Building with MPLAD Grant, New Hostel Building with UGC Grant have been set up.
- A new high power Generator set has been installed.
- Purified Drinking Water facility has been provided for the students and staff within the campus.
- NSS activities are given full backing and variety is introduced in Value Education

programmes to expose students to holistic education.

- Opening of Women's Cell and Equal Opportunity Cell have opened windows of gender sensitization and psychological strengthening efforts.
- Career Counselling Cell bridges the gap between academics and employment.
- Maintaining and sustaining a clean and green campus by such initiatives as setting up of a Medicinal Plant Garden and completion of Green Audit every year.
- A fully functional IQAC and publication of AQARs.



HOOGHLY WOMEN'S COLLEGE

(Govt. Sponsored)
P.O. & Dt. Hooghly, PIN-712103, W.B.
[Accredited "B**" by NAAC, Bangalore]

Ph. : 2680-2335 (Principal)
2680-5033 (Office)

No. *HWC/NAAC/15/786*

Date *27.12.2015*

From: Principal, Hooghly Women's College, Hooghly.

To :

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.

Place: *Pipulpati*
Hooghly, W.B.
Date: *27.12.2015*

Sima Banerjee

Dr. Sima Banerjee

Principal

Hooghly Women's College

Principal
Hooghly Women's College