NAAC CYCLE II: Reaccreditation

SELF STUDY REPORT (SSR)

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL,

BANGALORE

SUBMITTED BY

Internal Quality Assurance Cell

Prabhu Jagatbandhu College

Jhorehat, Andul-Mouri, Howrah, West Bengal, PIN- 711 302

2014

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1. PROFILE OF THE AFFILIATED COLLEGE

A. Preface

Prabhu Jagatbandhu College, popularly known as Andul College, is situated on the banks of river Saraswati. Nearly five decades ago on 15.08.1964 this college was formed by several education conscious people who belonged to culturally rich localities of Jhorehat, Andul and Mouri. This college has been named after Prabhu Jagatbandhu, a saint in the true sense of the term. One of His devotees, Dr. Tinkari Ghosh, gifted his land and property to initiate the college.

The dream of establishing a higher education centre could not have culminated into reality but for the voluntary donation by the education loving people of the locality. Funds were also raised by the untiring and selfless efforts by a benevolent group under the name of 'Karmi Sangha   '. Later on the Science Building was constructed with the money and materials donated by generous contribution of Sri Surath Mohan Paul of N. C. Paul (Bricks) Pvt. Ltd. A trust deed between N.C. Paul (Bricks) Pvt. Ltd. and the college formed a perennial source of income for the college.

With the advent of time, the Institution has surged ahead with flying colours, trying its utmost to overcome disabilities and show results in the assigned tasks. This in itself is a daunting task in as much as it depends not just on the multiplicity of the programmes but on the quest for perfection in terms of curriculum, discipline, teaching methods, evaluation system, academic integrity, social responsibility and a sense of commitment to abiding human values. Our motto is directed towards empowering of the lesser privileged social groups such as the tribal, backward classes, minorities, women and other vulnerable sections of the society.

The vision of our college is to energize the human capital of the hinterland of the college by setting new standards for excellence, access and stewardship for a new era. Teaching is a noble activity and involves a great deal of sacrifice. Our goal is to produce enlightened citizens who will boldly lead India to her rightful place in the global family, based on the ancient wisdom of her past, her all round innovative superiority of the present, assuring a glorious future of harmony. To realize the vision of our college we are committed to provide an academically rich, multicultural learning experience that prepares all its students to realize their goals, pursue meaningful lifework, and to be socially responsible contributors to their communities, locally and globally. Curricular planning and implementation through college prospectus and official website of the college reaches out to the students, staff and other stakeholders. However, we firmly believe that the best indicators of progress are honest self-evaluation, reviewing activities of oneself which leads to a conducive environment for growth.

B. SWOC Analysis of the Institution

Strength:

Highly qualified and dedicated faculty members

Persevering office staff for smooth functioning of college activities

Well-behaved and obedient students

Cordial relationship among 3 wings - teaching, non-teaching and students

Active governing body

Central and departmental libraries with adequate and updated resources

Well equipped laboratories

Weakness:

There is not sufficient land for building extension

Although requirement is there, hostel for boys and girls have not yet been constructed

Insufficient rooms for extension of other faculties

There is no full-fledged Bio-Science wing

High drop-out rate especially in Science

Opportunities:

The college is in its Golden Jubilee Year, so we aspire for a substantial building grant to be utilised for building extension purposes

College is well connected by road as well as railways

On-line admission gives the College a bigger opportunity to serve a bigger hinterland

Plans for expansion of Bio-science wing, introduction of B.Ed . section, P.G. Section

Challenges:

Many students are first generation learners, to boost them financially and psychologically

Developing communication skills in English for students who are comfortable only in vernacular

Insufficient fund and staff shortage results in poor infrastructure and service quality of the Department.   Keeping pressing demands of the hinterland, opening of PG and B. Ed courses

Student placement through campus recruitment

C. Profile of the Affiliated / Constituent College

1.   Name and Address of the College:

Name :	**Prabhu Jagatbandhu College**	
Address :	Jhorehat, Andul-Mouri, Howrah	
City : Howrah	Pin : 711 302	State : West Bengal
Website :	www.prabhujagatbandhucollege.org	

2.   For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Teacher-in-charge	Dr. Sarada Mandal	O: 033 26690221	9433105869		sarada_mandal@rediffmail.com
Steering Committee Co-ordinator	Dr. Kakoli Banerjee	O: 033 26690221	9830040709		kakolika@gmail.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.

6.   Sources of funding: Government

    Grant-in-aid   √

    Self-financing

    Any other

7.   a. Date of establishment of the college: **15/08/1964**

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

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	17.06.1972	As the college is established before 17.06.1972, on which UGC (Amendment) Act came into force
ii. 12 (B)	17.06.1972	

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

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

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: …………………… (dd/mm/yyyy)

b.   for its performance by any other governmental agency?

Yes

No

If yes, Name of the agency ……and Date of recognition: ………… (dd/mm/yyyy)

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

Location *	Rural
Campus area in sq. mts.	8943.553
Built up area in sq. mts.	2265.975

(* 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
- Sports facilities
  - ➢ **play ground**   √
  - ➢ swimming pool
  - ➢ **gymnasium**   √

- Hostel: **Nil**
- ➢ Boys' hostel
  - i.   Number of hostels
  - ii. Number of inmates
  - iii. Facilities (mention available facilities)
- ➢ Girls' hostel
  - i.   Number of hostels
  - ii. Number of inmates
  - iii. Facilities (mention available facilities)
- ➢ 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)
- Cafeteria —   **One for staff, one for student**
- Health centre –
  First aid, Inpatient, Outpatient, Emergency care facility, Ambulance…….
  Health centre staff –
  Qualified doctor   Full time   Part-time
  Qualified Nurse   Full time   Part-time

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

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

SI. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student	No. of students admitted
	Under-Graduate	B.A., B.SC, B.Com.	3 yrs	H. S. or equivalent	Bengali & English	Around 3000 #	3000
	Post-Graduate	Nil					
	Integrated Programmes PG	Nil					
	Ph.D.	Nil					
	M.Phil.	Nil					
	Ph.D.	Nil					
	Certificate courses	Nil					
	UG Diploma	Nil					
	PG Diploma	Nil					
	Any Other (specify and provide details)	Nil					

All Hons. Programmes, B.Com, Geography, Physical education general programmes have university approved seat limit, but rest of the B.A. and B. Sc General courses have no such bar regarding number of seats.

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 √

No

Number **01**

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	UG	PG	Research
Science	Botany		
	Chemistry		
	Computer Science		
	Economics		
	Electronics		
	Geography		
	Mathematics		
	Physics		
	Physical Education		
Arts	Bengali		
	Economics		
	English		
	Geography		
	History		
	Philosophy		
	Political Science		
	Physical Education		
Commerce	Commerce		

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

a.   **annual system.**   **03**

b.   semester system

c.   trimester system

17.   Number of Programmes with

a.   Choice Based Credit System

b.   Inter/Multidisciplinary Approach

c.   Any other (specify and provide details)

Number of Programmes Inter/ Multidisciplinary Approach – 3 (Compulsory ENVS, English, Bengali)

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): **July, 2002** (dd/mm/yyyy) and number of batches that completed the programme: **09**

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		
Sanctioned by the **UGC**/ University/**State Government** *Recruited*			36 25+1	25 20	
Yet to recruit			11	05	
Sanctioned by the Management/ society or other authorized bodies					
Yet to recruit					

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.	-	-	03	02	02	04	11
M.Phil.	-	-	01	00	00	02	03
PG	-	-	02	01	05	03	11
Temporary Teachers							
Ph.D.	-	-	-	-	02	01	03
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	01	00	01
Part-time teachers							
Ph.D.	-	-	-	-	01	01	02
M.Phil.	-	-	-	-	02	00	02
PG	-	-	-	-	03	08	11

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	2013		2012		2011		2010	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	215	206	255	220	218	184	245	187
ST	13	08	11	08	08	12	08	09
OBC	74	44	58	25	31	23	31	16
General	969	1093	1064	1086	976	1003	1161	1075
Others								

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	100%				
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   **B.A.: 30.87%**

   B.Com: 33.70%

   B.Sc. : 60.30%

26. Unit Cost of Education

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

(a)   including the salary component: **Rupees 9347**
(b)   excluding the salary component: **Rupees 596**

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.

NSOU registered under Calcutta University

c) Number of programmes offered:

9 (PG), 10 (UG)

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

Yes   √

No

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

Arts- 1:13, Science- 1:6, Commerce- 1:4

29. Is the college applying for Accreditation :

Cycle 1   **Cycle 2** √   Cycle 3   Cycle 4

Re-Assessment: **N.A.**

(Cycle 1refers 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: 28/03/2008 Accreditation Outcome/Result 2.74 on four point scale (B grade)

* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

Enclosed

31.   Number of working days during the last academic year: **215**

32.   Number of teaching days during the last academic year: **192**

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

33.   Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC ……**08/04/2009**…

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

AQAR (i)   December, 2009

AQAR (ii)   December, 2010

AQAR   (iii)   December, 2011

AQAR (iv)   December, 2012

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

None

2.   CRITERIA-WISE ANALYTICAL REPORT

CRITERION I: CURRICULAR ASPECTS

1.1   Curriculum Planning and Implementation

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

The vision of our college is to energize the human capital of the hinterland of the college by setting new standards for excellence, access, and stewardship for a new era. Our goal is to produce enlightened citizens who will boldly lead India to her rightful place in the global family, based on the ancient wisdom of her past, her all round innovative superiority of the present, assuring a glorious future of harmony. To realize the vision of our college we are committed to provide an academically rich, multicultural learning experience that prepares all its students to realize their goals, pursue meaningful lifework, and to be socially responsible contributors to their communities, locally and globally. Curricular planning and implementation through college prospectus and official website of the college reaches out to the students, staff and other stakeholders.

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).

University has its own guidelines regarding the academic calendar and examination schedule for every college. Keeping the above in mind, the college takes same necessary steps to develop and improve the overall academic atmosphere. The prospectus expresses in details the academic programmes the commencement of classes, mid-term examinations, test examinations etc. Moreover at the commencement of a new academic session, the departmental faculty distributes the course module developed on the University curriculum to the students. Each department has a good number of computers at its disposal so that the students can have access to the computer along with internet facilities. College provides the opportunities of using LCD projector, audio-visual equipments to make the class work attractive and communicative and effective to a large number of students. Apart from this, each department has its own departmental library. The central library provides open access to the students. Also it includes the Book Bank for the benefit of the under privileged students.

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 teachers get the support to upgrade themselves by participating in various academic programmes organized by different universities and academic institutes, e.g

i) Orientation program

ii) Refresher course

iii) Summer school and

iv) Winter school

The university arranges different workshop on syllabus review to appraise the teachers regarding the changes and upgradation in the topics related to the subjects.

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

The college takes the initiative for the benefit and betterment of the students in the following manner.

a) The teaching faculty communicates regularly with the affiliating University particularly when there are workshops arranged relating to change in curriculum.

b) The students can use the computers and internet in their respective departments and library.

c) The students have open access to the library where they can go through different books and contemporary journals.

d) Different departments organize seminar, group discussion, debate and cultural programmes.

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?

College provides various scope and suggestions to the students for service and self employment scheme. To mention here, college invites different person from EDI (Entrepreneurship Development Institute, sponsored by DST, Govt. of India), BCCI

(Bengal chambers of commerce and Industries, Govt. of West Bengal) to organize seminar and awareness camp on entrepreneurship development. Some corporate houses like HDFC Bank have earlier recruited students from our college and companies like Indian Oil and Ambuja group of companies have visited our college with carrier counseling objectives and aware the students about scope of services in sales and marketing management. Also on 26.11.2013, department of commerce of Prabhu Jagatbandhu College and SEBI, jointly organized a workshop on Financial planning and management which was successful and effective for the students

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.

As the college is affiliated to the University of Calcutta, we are to follow the curriculum made by the university. The students' feedback regarding the performance of the teachers, office and administration staff organized centrally by the college authority is directed towards quality assurance.

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

The Institution does not develop curriculum for any of the courses offered.

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

1. 1st Unit Test is generally held just before the Puja Vacation. (Tentatively on the 1st week of September). Teachers-Parents meeting held at the end of September.

2. 2nd Unit Test is held at the end of November.

3. Test Examination is held maintaining the University Exam Schedule.

   The results are walled up and students are allowed to view the answer scripts.

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.

Not Applicable for the Institution.

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

Yes, there are a number of students who are pursuing general degree course in the Institution who have also registered in the distance education course (Netaji Subhas Open University) for Honours curriculum.

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**

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

• **Courses offered in modular form**

• **Credit transfer and accumulation facility**

• **Lateral and vertical mobility within and across programmes and courses**

• **Enrichment courses**

So far as Range of Core/ Elective options offered by the University and those opted by the college is concerned the institution is bound by the rules and regulations of the Calcutta University to which it is affiliated. Our college offers various combinations of elective subjects (i.e. course codes) for academic flexibility. For example, for B.A. (Pass) there are 9 course codes, B.A. (Hons.) -12, B.Com (Pass & Hons) – 2, B. Sc (Pass) – 9 and B. Sc (Hons.)- 9. The students have the liberty to choose different subjects from a group of subjects offered by the college. New subjects are offered as per demands of the students of the institution- English (Hons.) curriculum have been started from July, 2008. Modularisation of courses have been followed as specified and directed by the university. There is no scope for Credit transfer and accumulation facility. The students have the option to change their subject combinations within specific date as mentioned by the university. They may

transfer from general course to Honours course and vice versa within the stipulated time constrained. As enrichment courses the college offers N.C.C and N.S.S training for the student to become better citizens and Career counseling and employment training programme by different companies etc.

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.

The following are the skill oriented programmes relevant to regional and global employment markets which are provided offered to the beneficiaries:

• UGC sponsored programmes for entry in services: Spoken English and Basic Computer Training for SC/ ST/ OBC non-creamy layer and minority

• NSS unit, Department of Geography, Women's Cell carries out survey in the locality which develops communication skills and research orientation in student volunteers

• Medical camp organized by the women's cell involves student volunteers during health check-ups (weight and body temperature measurements etc.) which provide them a basic training on health issues

• During Social/ Cultural programmes students participate in different activities like announcements, anchoring, performances which basically groom them for soft skill developments

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?

The University of Calcutta does not provide for the flexibility of any such combination.

1.3   Curriculum Enrichment

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

The primary goal and objective of the college is a holistic development of the students, so that they can display multiple skills and activities. Keeping this in mind, the college tries to supplement the University's curriculum by different skill development programmes like

a) Various departments organize student seminar, debate and quiz competition

b) Each department has its own wall magazine

c) Publication of college magazine

d) Organize competitive programmes like sports, music and recitation

e) Different kinds of social works organized by N.C.C and N.S.S like college beautification, blood donation camps, distribution of blankets to the needy persons in the vicinity of the college

f) Organization of Health Camps by the Women's cell of the college.

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?

Not applicable.

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?

To enhance the objective of cross cutting issues such as gender, the Women's Cell of the college has been established. The cell conducts regular surveys in the locality on socio-economic issues such as women's health, sanitation etc. Frequent health check up camps are held in the college campus where both students and women from the locality are treated. Also, the Equal Opportunity Cell has been established to realize the mission of inclusive growth. Interdisciplinary participation by the faculty is facilitated by the college for imparting Environmental Education to the students as per University curriculum. Institution has been able to provide internet facilities to all departments by which the students and faculty have been largely

benefitted. Faculty from Department of Chemistry and Economics conducts classes on Environmental Sciences which is a compulsory subject in the Curriculum. Project work in the same curriculum is supervised by our faculty thereby making the students Environmental conscious. Some Departments like Geography, Physics and Botany also educates student on Climate change issues. Gender issues are discussed in Geography, Political Sciences and Economics curriculum.

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

§   **moral and ethical values**

§   **employable and life skills**

§   **better career options**

§   **community orientation**

Community outreach programmes are arranged on a regular basis by N.C.C and NSS wings of the college where students of the college are encouraged to partake actively.

- Spoken English classes and computer training courses are arranged by the college
- Various companies are provided a platform by the college to make students aware of the contemporary career opportunities
- Seminars are organized by the women's cell with experienced doctors on health problems related to adolescent girls. Workshops on self defense are also held. Students actively participate in cleaning and beautification of the campus by planting trees and this serves towards community orientation

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

The college has no scope to enrich the curriculum by taking feedbacks from stakeholders. It only communicates to the Board of studies of the Calcutta University the feedbacks taken from the students regarding the curriculum.

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

As enrichment programmes do not fall within the scope of the institution, the question of monitoring and evaluation does not arise.

1.4   Feedback System

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

The teachers are allowed to join in different educational programme (Workshop, Seminar etc.) organized by different Academic Institutes specially when there is any change in the academic program or introduction of new subject and topics.

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?

Students' feedback is regularly organized by the college internally/centrally specially at the time of different examination. Although it is organized systematically, there is no scope to communicate it to the university on regular basis. The detailed discussion with the students regarding the changes in the syllabus and modules, introduction of new programmes are communicated.

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?)

Any other relevant information regarding curricular aspects which the college would like to include.

English Honors curriculum was initiated from July, 2008. Keeping in mind the huge demand of the locality, we are going to introduce two new subjects, Education and Sanskrit from the forthcoming session.

It is to be mentioned that all the necessary permission, approval and the documents from the Govt. of WB and University have been obtained. As a result the students will have various options relating with the subject combination.

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 admission procedure followed by the college authority is fair and transparent. Admission committee conducts the admission process according to the norms of the University. Admission process is initiated through the college website. This helps in accessing greater number of students over a large geographical area. The student's profile provides a detailed picture of students coming from different socio-economic, cultural and educational backgrounds.

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.

The college authority conducts the total admission procedure starting from advertisement for admission stating all the rules and regulations through website. In addition notice of admission is also displayed at the college gates. Thus college authority ensures wide publicity of admission notice. To maintain transparency the admission committee regulates the entire admission process strictly adhering to different admission regulations as framed by the University of Calcutta.

The admission process followed by the college authority is strictly merit based for all streams. However, for the physical education department, a candidate appears for the fitness test as is required by the subject. On qualifying the physical fitness test a candidate becomes eligible to apply for the subject and merit list is then prepared following academic score. In case of enlisted candidates, for all subjects, a counseling is done prior to admission.

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

The college strictly adheres to the prescribed University norms for the percentage of marks at the entry level.

ADMISSION QUALIFICATIONS:

A candidate who has passed the Higher Secondary (10+2) or its equivalent Examination is eligible to seek admission to the 1st year of the- 3-year- B.A./ B.Sc./ B.Com. (Hons./General/ Major) or B.Mus. (Hons./ General) Course of Studies provided he/she has also passed in English having full marks not being less than 100.

Candidates who have passed the Higher Secondary (10+2) Vocational Examination conducted by the West Bengal State Council of Vocational Education and Education and Training shall be eligible to seek admission to the B.A (General/Major) 1st year Course of Studies taking the subjects under Humanities Division only. However, candidates who have passed the aforesaid H.S. Examination in Business & Commerce shall also be eligible for admission to the B. Com. (General/Major) 1st year Course of Studies under this University. However, no candidate shall be allowed for Admission after a lapse of more than 3 years from the year of passing the previous qualifying examination or discontinuation of recognized regular Course of Studies discontinuation of recognized regular Course of Studies after passing the previous qualifying examination.

Explanation: The year of admission shall not be taken into account while calculating three years from the year of passing the previous qualifying Examination). For the purpose of determining eligibility for admission to the Honours Course, aggregate marks shall be calculated by adding the marks in top-four subjects in order of marks secured by a candidate. However, marks in compulsory Environmental Education/ Studies shall not be taken into account for calculation of aggregate marks. If the subject "Environmental Science" is studied as an elective subject of 100 marks, it may be taken into account for the purpose of determining the aggregate marks.)

- A candidate taking up Honours Course in a subject must have obtained:

(i). A minimum of 50% marks in the aggregate and 45% marks in the subject or related subject at the previous qualifying examination [in case of B.Mus. (Hons.) 45% marks in the aggregate and 45% marks in the subject Music, in the pre-qualifying examination]

Or

(ii). 55% marks in the subject or related subject at the previous qualifying examination [in case of B.Mus. (Hons) 50% marks in the subject at the pre-qualifying exam.]

Or

(iii). 50% marks in the aggregate when the candidate has not studied the subject in his/her previous- qualifying -examination provided all other clauses are satisfied [in case of B.Mus. (Hons.) 45% marks in the aggregate when the candidate has not

studied the subject Music in the pre-qualifying exam. Candidates shall be admitted on the basis of the Admission Test to be conducted by the College authority concerned.]

- However, candidates belonging to the Scheduled Caste or Scheduled Tribe Community taking up Honours Course of Study must have obtained a minimum of 40% marks in the aggregate or 40% marks in the subject or related subjects at the previous qualifying examination, as the case may be.

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?

The admission committee holds regular meetings to render transparency to the admission process. Student counseling is done at the time of admission and student database is obtained thereafter. In addition to this, some departments organize regular mid- term counseling sessions for the benefit of the weaker students.

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**

∗ **OBC**

∗ **Women**

∗ **Differently abled**

∗ **Economically weaker sections**

∗ **Minority community**

∗ **Any other**

The Institution adheres to the Government norms to ensure maximum inclusion of students. For this 22 percent of the seats are reserved for the Scheduled Caste (SC) Category and 7 percent of the seats are reserved for Scheduled Tribe (ST) Categories and two percent is reserved for differently abled students. The college provides scholarships in the form of "half-free ship" and "full-free ship" to economically weaker students

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.

An analysis of the data for four year period given below shows:

There has been a steady demand ratio in the B.A honours courses which is slightly fluctuating from 1:4 to 1:5.3.

Demand ratio in the B. Sc. honours courses varies from 1:0.3 to 1:3.54 which can be considered to be a positive sign.

Demand ratio in the B.A general courses is steady, which is slightly fluctuating from 1:1.2 to 1:1.6.

Demand ratio in the B. Sc. general courses varies from 1:0.29 to 1:3.38, which can be also considered as significantly increasing trend.

Demand ratio in the B. Com (H+G) courses is steady and good, which is slightly fluctuating from 1:3.01 to 1:3.22.

Overall 1236 candidates have been admitted out of 2073 applications in current year, thus the average demand ratio is 1:1.6 for the whole institution.

The demand ratio varies from approximately 1:3 to 1:5 for B.A. Honours, B. Sc Honours and General and also for B.Com Honours and General. The average demand ratio falls to approximately 1:2, because college tries to admit every B.A. General applicant satisfying University norms as there is no seat limit.

Sl. No	Session	Programmes U.G. B. A. Honours and General at the Entry Level	No. of Students Admitted	No. of Applications	Demand Ratio
1.	2013-2014	B.A. (H)	204	1081	1 : 5.30
		B.A. (G)	781	1248	1 : 1.60
2.	2012-2013	B.A. (H)	290	1284	1 : 4.43
		B.A. (G)	722	901	1 : 1.25
3.	2011-2012	B.A. (H)	270	1325	1 : 4.90
		B.A. (G)	528	678	1 : 1.28
4.	2010-2011	B.A. (H)	250	1000	1 : 4
		B.A. (G)	400	480	1 : 1.2

Sl. No	Session	Programmes U.G. B. Sc. Honours and General at the Entry Level	No. of Students Admitted	No. of Applications	Demand Ratio
1.	2013-2014	B.Sc. (H)	83	220	1: 2.65
		B.Sc. (G)	29	98	1: 3.38
2.	2012-2013	B.Sc. (H)	81	244	1: 3.01
		B.Sc. (G)	58	91	1: 1.57
3.	2011-2012	B.Sc. (H)	85	301	1: 3.54
		B.Sc. (G)	55	16	1: 0.29
4.	2010-2011	B.Sc. (H)	144	490	1: 3.40
		B.Sc. (G)	74	23	1: 0.30

Sl. No	Session	Programmes U.G. B. Com. Honors and General at the Entry Level	No. of Students Admitted	No. of Applications	Demand Ratio
1.	2013-2014	B.Com. (H+G)	139	426	1: 3.06
2.	2012-2013	B.Com. (H+G)	147	467	1: 3.18
3.	2011-2012	B.Com. (H+G)	139	447	1: 3.22
4.	2010-2011	B.Com. (H+G)	130	419	1: 3.01

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?

Due to paucity of funds the institution has not yet been able to make any special provision for the differently-abled students apart from the fact that one percent seats have been reserved for them. The college authority recognizes the need to make significant progress in this regard.

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.

Before the commencement of the academic programme the college organizes counseling sessions with the students at the time of admission. Each and every department acquires data from the candidate, where details of the student including socio-economic profile, proficiency in any particular field is noted down.

The counseling form handed out during admission process is as follows:

PRABHU JAGATBANDHU COLLEGE
ADMISSION COUNSELLING FORM (Admission Year 20_____ - 20_____)

Stream : B.A. /B.SC. /B.COM. (Hons. /General)   Form/Receipt No. : _____

Subjects applied for :   Sl. No. in Merit List : _____

Honours _____

General _____   _____   _____

Name of the Candidate: _____

Subject Marks: Best four Subject Total: Grand Total:
                            (Except Environment Studies)

Year of passing H.S or Equivalent Exam: _____

Board of H.S or equivalent Exam   : _____

Name of the School last attended: _____

Address of the School last attended: _____

Permanent Address: _____

Present Address: _____

Student's Phone No. : _____

Land Line/ Guardian's No.: _____

Distance of Residence from College (in Km.):_____

Mode of Transport: _____

Father's Name: _____

Mother's Name: _____

Guardian's Name: _____

Relation with Candidate: _____

Father's Academic Qualification: _____

Mother's Academic Qualification: _____

Father's/Guardian's Occupation: _____

Family's Monthly Income (in `):

a) ≤ 5000   b) 5001 – 10000   c) 10,000 – 20,000   d)> 20,000

Caste: SC/ST/OBC/GENERAL   Religion: Hindu/Minority

If Minority/ SC/ST/OBC, Please Specify whether enjoying govt. /non-govt.

Stipend of any type: yes/no.

If 'yes' please specify: _____

Whether Physically Challenged: yes/no

If 'yes' please specify: _____

Extra Curricular Interest: i) _____ii) _____iii) _____

Remarks: _____

_____   _____   _____
   Signature of the Teacher   Signature of the Guardian   Signature of the Candidate

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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?

Remedial classes are regularly held with all the students. Special attention is given to those coming from poorer socio economic groups- SC, ST, OBC and slow learners who are lagging behind to get them back to mainstream. Enrichment courses as "Entry in services" are also conducted with interested students.

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

The College conducts interdisciplinary courses on the Environmental studies as a part of the curriculum for every final year students. This also includes a compulsory project work. Women's cell of the College is very active on gender harassment issues and organizes various related workshops. The students' aid fund gives financial aid to the economically backward students.

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

The college has a well equipped central library with internet facility to which the advanced learners can have easy access. Apart from this, most departments have their own library from where students are allowed to borrow text/reference books. Faculty is always ready to interact with students seeking help during their off periods.

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)?

Most Departments maintain a student profile. So that if it is so required, a student requires financial assistance, it can quickly come to the notice of the faculty. Sometimes, a guardian call may be done if there is some threat of a student discontinuing his/her studies on account of financial crunch.

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.)

Academic calendar is prepared by the college keeping in mind the guidelines given by the University of Calcutta. The academic calendar gives detail information to the students, teachers and guardians informing them tentative dates of commencement of classes, date of mid-term and test examinations, sports, cultural programme, NSS activities etc.

Teaching Plan – All Departments prepare their teaching plan following the syllabus given by the University of Calcutta. Modules are made by the faculty so that

syllabus can be smoothly covered within the stipulated time available each academic year. This is distributed at the commencement of the academic session so that students' are aware of the course structure well in advance.

Evaluation blue print – Tentative dates of mid-term Exam and Test Exam are given in the Prospectus which is distributed at the time of admission so that students have a clear idea about the examination schedule. The final schedule however is fixed by the academic committee of the college. The results of the college examination are submitted to the academic committee who take necessary steps to upgrade the students. Guardians are informed in case of poor performance by the students.

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

The IQAC functions as an overall advisory body operating constantly for the betterment of the teaching learning process. The IQAC meetings often result in the emergence of new ideas which help invigorate teaching methods. IQAC serves notices regarding effective teaching plans, modules maintained by the department and regular departmental meetings to be held for a holistic improvement of the academic environment. Not only this, feedbacks from students are obtained from time to time to ensure the best quality of teaching. In fact the IQAC acts as a guide and moral boost to all the new ventures that the faculty members conceptualize for their students.

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?

College provides well equipped technical supports to the teachers to develop skills. We have five computer labs having about fifty computers alongwith sufficient number of printers, scanners etc. We also have LCD projectors for lecture demonstrations, seminars, etc. When there are a large number of candidates we use microphones. Students can access the internet facilities of the department under the supervision of the departmental teachers.

 Our college has enrolled in the N-list site provided by the UGC. Both faculty and students are largely benefitted from this access.

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?

Various departments have a wide number of activities which focuses on the holistic growth of the students. The students of the commerce department are ably

guided by the faculty in their project work which trains them for critical thinking and also nurtures creativity. Other departments like Bengali, Political Science, Philosophy, Economics, Physics, Chemistry, Mathematics organize some annual programme where active participation of students as well as the faculty is involved. Some departments like Chemistry, Philosophy, Bengali, History organize academic tours to relevant places so that the students get a wider exposure which would help them in their quest for knowledge apart from the curriculum being followed.

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

The College provides internet facilities to all the Departments and thereby the scope to access international journals and books through N-list, INFLIBNET etc. provided by the UGC. The students are given open access facility in the central library.

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

College organizes seminars from time to time. This includes UGC sponsored seminars, inter departmental seminars, departmental seminars where external resource persons are invited to enhance the knowledge of the faculty and students. This is mainly done in compliance with the seminar committee. Not only this, faculty is allowed to participate/ attend seminars so that the college is enriched from their outcome.

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?

Each Department counsels the students at the time of admission to guide them about the prospect of the subject. The candidates' aptitude as well as the eligibility for the subject is also discussed. College authority organizes mid-term counseling based on the results of the mid-term examinations. A student can always approach a teacher for academic help beyond class hours. Often teachers help needy students by lending specimen copies which are handed over to them by various publishing houses. The departmental teachers also guide the outgoing students in choosing their subjects for further studies.

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?

The Institute allows the faculties to join different courses/workshop to update themselves. Some departments have started to use different computational technique, package, programme which are helpful to students in completing projects. For larger classrooms where the number of students are also large, microphones are given to teachers for better audibility. Apart from this, the college has LCD and LED which is used particularly during departmental programmes or on occasion when there are internal seminars.

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

Library provides open access facility to all students. As most of the students of our college come from economically backward class, our library with a rich collection of books proves to be very essential to the students. Teachers and students have separate reading rooms. Teachers have access to Open Book Resource through INFLIBNET. Most Departments have Departmental Libraries which is utilised by the students. Teachers also provide reading materials from online sources like e-books and journals.

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

The institution sometimes faces challenges in completing the curriculum within the planned time frame and calendar. This is mainly due to the shortage of faculty as a number of sanctioned posts have not yet been filled up. However, teachers earnestly try to complete the syllabus either by taking extra classes or tutorial classes. The College also provides guest lecturers to supplement the deficit of teachers.

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

The Institution arranges for Mid-term Tests and Annual Examination. Teachers evaluate the papers and students are shown how they have performed. Apart from this, student feedback is taken time to time. Academic sub-committee meetings

are held to address the challenges faced by the students during the completion of the curriculum.

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	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	03	02	02	04	11
M.Phil.	-	-	01	00	00	02	03
PG	-	-	02	01	05	03	11
Temporary Teachers							
Ph.D.	-	-	-	-	02	01	03
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	01	00	01
Part-time teachers							
Ph.D.	-	-	-	-	01	01	02
M.Phil.	-	-	-	-	02	00	02
PG	-	-	-	-	03	08	11

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 depends on the state College Service Commission to employ persons of repute with domain expertise in substantive posts. For immediate needs, college recruits experienced retired teachers as well as younger trained faculty to meet up with the demands of curriculum. Apart from this, faculty members are encouraged to attend seminars/workshops regularly to update knowledge and skills in emerging areas.

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.

Staff development programmes are not organized by the institution itself. The institution encourages the faculty members to join the workshop organized by university and other research institution where they get sufficient exposure in handling new curriculum, using enriched materials, audio-visual aids etc for improved teaching learning. The institution grants leaves to the faculty members who join the Refresher and Orientation courses organized by the Academic Staff College working under different Universities. In the last four years the following Faculty members have been granted leave by the institution.

Sl No	Department	Name of the faculty	Course Orientation/ Refresher	Organised by	Date
1.	Bengali	Ms. Aparna Dutta	Refresher Course	University of Calcutta	02.12.2008 To 22.12.2008
2.	History	Mr. Suman Bandyopadhyay	Refresher Course	Department of History, University of Calcutta	28.01.2009 To 18.02.2009
3.	Commerce	Mr. Raju Mondal	Refresher Course on 'Business Studies'	Department of Management, University of Calcutta	28.01.2009 To 18.02.2009
4.	Mathematics	Mr. Bankim Nasipuri	77th Orientation Programme	Academic Staff College, University of Calcutta	26.11.2008 To 24.12.2008
5.	Physics	Dr. Dolan Champa Saha	Orientation Programme	Academic Staff College, Jadavpur University, Kolkata	09.06.2008 To 05.07.2009
6.	History	Mr. Suman Bandyopadhyay	Refresher Course	Department of History, University of Calcutta	28.01.2010 To 17.02.2010
7.	Bengali	Ms. Aparna Dutta	Refresher Course	Academic Staff College, University of Calcutta	12.11.2010 To 04.02.2010
8.	Bengali	Mr. Subrata Mondal	Orientation Programme	Academic Staff College, University of Calcutta	01.03.2010 To 27.03.2010

9.	Bengali	Mr. Subrata Mondal	Refresher Course	Academic Staff College, University of Calcutta	12.11.2010 To 04.02.2010
10.	Commerce	Prof. Sandhya Pal	Refresher Course on Business Studies	University of Burdwan	24.11.2010 To 14.12.2010
11.	Mathematics	Mr. Bankim Nasipuri	Refresher Course in the subject Mathematics	Academic Staff College, University of Calcutta	02.08.2010 To 21.08.2010
12.	Physics	Dr. Dolan Champa Saha	Refresher Course named 'Methodology in Physical Science-Theory and Practical'	Academic Staff College, Jadavpur University, Kolkata	22.11.2010 To 11.12.2010
13.	Mathematics	Bankim Nasipuri	Refresher Course	Academic Staff College, University of Calcutta	02.08.10 To 21.08.2010
14.	Chemistry	Dr. Kakoli Banerjee	Refresher course in the subject "Chemistry : Fundamentals and Advances"	Academic Staff College, Jadavpur University, Kolkata	03.01.2011-22.01.2011
15.	Physical Education	Hira Chatterjee	Orientation Programme	Academic Staff College, University of Calcutta	18.10.2011 To 18.11.2011
16.	Geography	Madhusudan Pramanick	Orientation Programme	Academic Staff College, University of Calcutta	26.12.2011 To 21.01.2012
17.	Physics	Dr. Sanjib Kar	Orientation Programme	Academic Staff College, University of Calcutta	07.02.2012 To 05.03.2012
18.	Mathematics	Bankim Nasipuri	Refresher Course in the subject Mathematics	Academic Staff College, University of Calcutta	06.08.12 To 29.08.12
19.	Physical Education	Hira Chatterjee	Refresher Course	Academic Staff College, University of Burdwan	30.11.2012 To 20.12.2012
20.	Physics	Dr. Dolan Champa Saha	Refresher Course	Academic Staff College, Jadavpur University, Kolkata	03.12.2012-22.12.2012

21.	English	Indrani Chakraborty	Orientation Programme	Academic Staff College, University of Calcutta	02.09.2013 To 30.09.2013
22.	Chemistry	Dr. Santarupa Thakurta	Orientation Programme	Academic Staff College, University of Calcutta	02.09.2013 To 30.09.2013
23.	Geography	Madhusudan Pramanick	Refresher Course	Academic Staff College, University of Calcutta	21.11.2013 To 12.12.2013

a)   **Nomination to staff development programmes**

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	14
HRD programmes	Nil
Orientation programmes	8
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / winter schools, workshops, etc.	Nil

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**
- **Handling new curriculum**
- **Content/knowledge management**
- **Selection, development and use of enrichment materials**
- **Assessment**
- **Cross cutting issues**
- **Audio Visual Aids/multimedia**
- **OER's**
- **Teaching learning material development, selection and use:** None

c)   **Percentage of faculty**

∗   **invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies:** None

∗ **participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies**

Dr. P. Sinha participated in a workshop on preparation of question bank for Mathematics, Staff Selection Commission as a resource person in the year 2013 -14 & 2011.

Ms. Hira Chatterji participated in the Workshop Regarding Curriculum, Syllabus and Preparation of Text Books Organized by the Officer of the Expert Committee on School Education, Govt. of West Bengal, during April, 2012.

Participation in seminars have been enlisted in previous AQARs.

∗ **presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies**

Name of the Faculty	Workshops/Seminars/ Conferences	Organized by	Date
Sri Suman Bandyopadhyay	Main Speaker in celebration of 150th year of 1857, held at AnandaNiketan, Bagnan, Howrah.	Dept. of Culture, Govt. of West Bengal	09.01.2010
	Speaker on Biswa Aitijha Saptaho held at AnandaNiketan, Bagnan, Howrah	Dept. of Culture, Govt. of West Bengal	19.11.2010 - 25.11.2010
	Judge in Science Exhibition Competition, Inspire Award Scheme, 2012,Baltikuri Muktaram Day High School	Education Dept., Govt. of West Bengal	19.07.2012
	Speaker, Political system of India with special reference to West Bengal at Dr. Kanailal Bhattacharya College	U.G.C. Sponsored	05.04.2013
	Speaker, "Vivek Rath Programme" 150th Birth Anniversary of Swami Vivekananda organized by Ramakrishna Mission Institute of Culture, Golpark,Kolkata	Ministry of Culture, Govt. of India & Ministry of Culture, Govt. of West Bengal	20.11.2013
Dr. Monojit Ghosh	Speaker, National Level Seminar on Globalisation and its Impact	Chaitanya College, Habra, 24 Parganas	April, 2009
Ms. Hira Chatterjee	Resource Person in State Level Workshop on the Process of Evaluation in Physical Education.	Government College for Physical Education College for Women, Hooghly	20.03.2009
	Lead Speaker in the State Level Workshop On Recent trends of Physical Education and Sports	Organized by State Institute of Physical Education for Woman, Hastings House, Alipore, Kolkata	16.04.2010

Ms. Hira Chatterjee	Resource Person in state Level Workshop on "Upgrading Syllabuses of Bachelor of Physical Education (B.P.Ed.) and Elective Subject (Physical Education) at the Under Graduate Level."	Under the Auspices of Education Department, Government of West Bengal in Collaboration with West Bengal Committee of Institutes of Physical Education	22nd & 23rd Decenber,2011

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.)

In our institution there is no scope for providing research grants to the faculty members. But the authority always encourages the research activities of the teachers and accordingly grants study leave and provides support for research and academic publications. The authority grants leave for paper presentation both within the country and outside.

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.

No such award was received by any of our faculty during the last four years.

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?

A student feedback is taken from time to time. Departmental heads are handed over such feedback forms. Departmental meetings then ensue to resolve any problems in general.

2.5   Evaluation Process and Reforms

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

The academic calendar published in the prospectus at the beginning of each academic session ensures that the stakeholders of the institution especially students, parents and faculty members are aware of the evaluation processes.

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?

Mid-term exam and pre-final test are the major elevation reforms of the university that the institution has adopted. The college introduces class tests, tutorials, class discussion, student seminars etc., on its own to evaluate the progress of the students.

Keeping in compliance with the University reforms the College has implemented the following :

- Supplementary examinations are held as per schedule
- Student can reappear for examination without discontinuing three year degree curriculum thereby avoiding year loss
- College serves as the home centre for all students appearing for Compulsory Bengali, English and Environmental Sciences Examinations
- All Honours Practical Examinations are now conducted in the College
- During University Examinations, invigilators signature on the Admit Card of the Examinees

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?

If a student fails to appear in mid-term exam or pre-final test he/she has to produce proof of his/her absence to the academic committee and a guardian call is made. If a student fails to appear for class test consecutively guardians are informed and necessary steps are taken.

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.

Their achievements are measured by class test, class discussion, seminars and debates as well as by their creative writings in wall magazines.

The college has authorised faculty members of Department of English to train the weaker students in spoken English which will serve a basic requirement to develop communicative skill, writing skill, language skill of the students.

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.

The Institution strictly adheres to the norms given by the University of Calcutta. There is no scope for any internal assessment by the College.

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?

In today's world of Globalization and modernization particularly in mass communication and information technology, we have opened new departments: – Computer Science and Electronics. Since technology has advanced and come up a long way in the past few years, we found it utmost essential to open up courses in these two areas. The ready access to computers and relevant course matter will benefit students in their future job search. We all know that a student can never develop his mental and physical aptitudes unless and until he or she has enough physical fitness. Keeping in mind the usefulness of this particular area, we have also opened a new subject of Physical Education and a Gym Training Centre.

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

The individual departments look after redressal, if any, regarding evaluation of internal assessments. However, the college has no power to redress any grievances with reference to evaluation at University level. Nevertheless, it is the responsibility of the college when students apply for review or scrutiny, to carry it forward to the University.

## 2.6. Student performance and Learning Outcomes

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

The main objective of the college is to motivate the students, the future citizens of India, towards acquisition of knowledge and skill so that they can go for higher studies as well as for quality jobs. The curriculum prepared by the University and followed by the college definitely fulfils this objective. It is the primary look out of the college authority whether the curriculum is transmitted to the students successfully. It constantly monitors the teaching learning process through different mechanisms like examination, student seminars, debate and quiz contest, creative writings etc. The academic programs are clearly stated at the beginning of each academic session in the college prospectus to make the students and the faculty members well aware of these programs.

Not only that, before the commencement of the new academic year the Principal discusses with the faculty members regarding the academic programs of that particular year in the staff council meeting and notices are served to the students accordingly.

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.

Department of Bengali

Department of History

University results

Department of Philosophy

University results
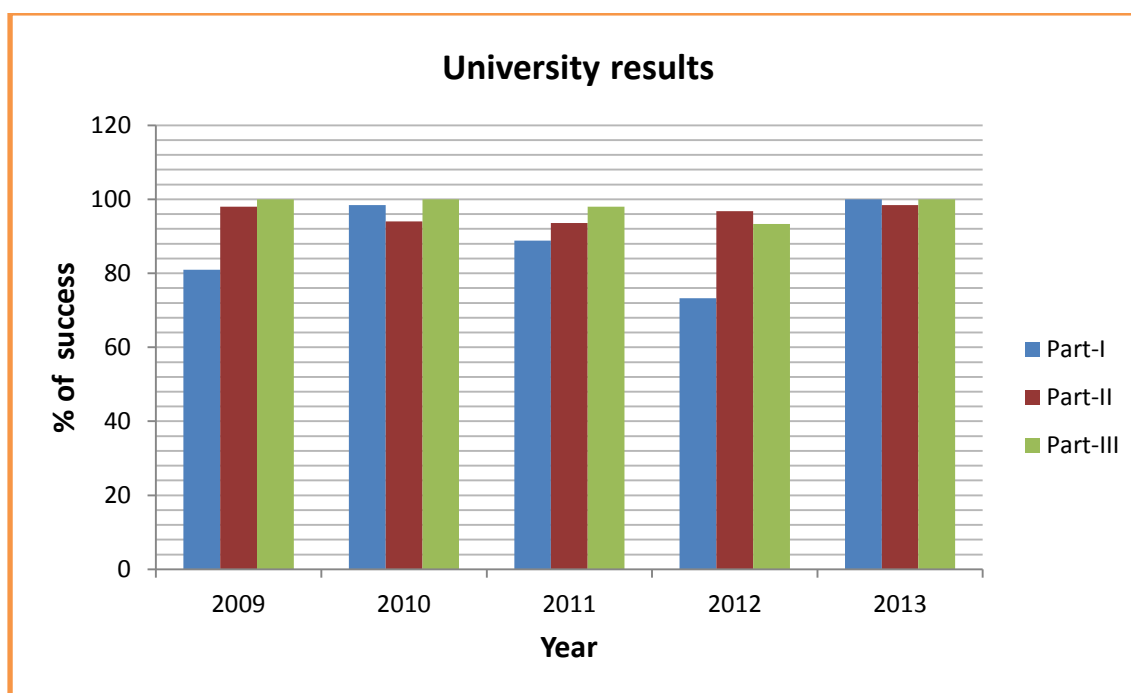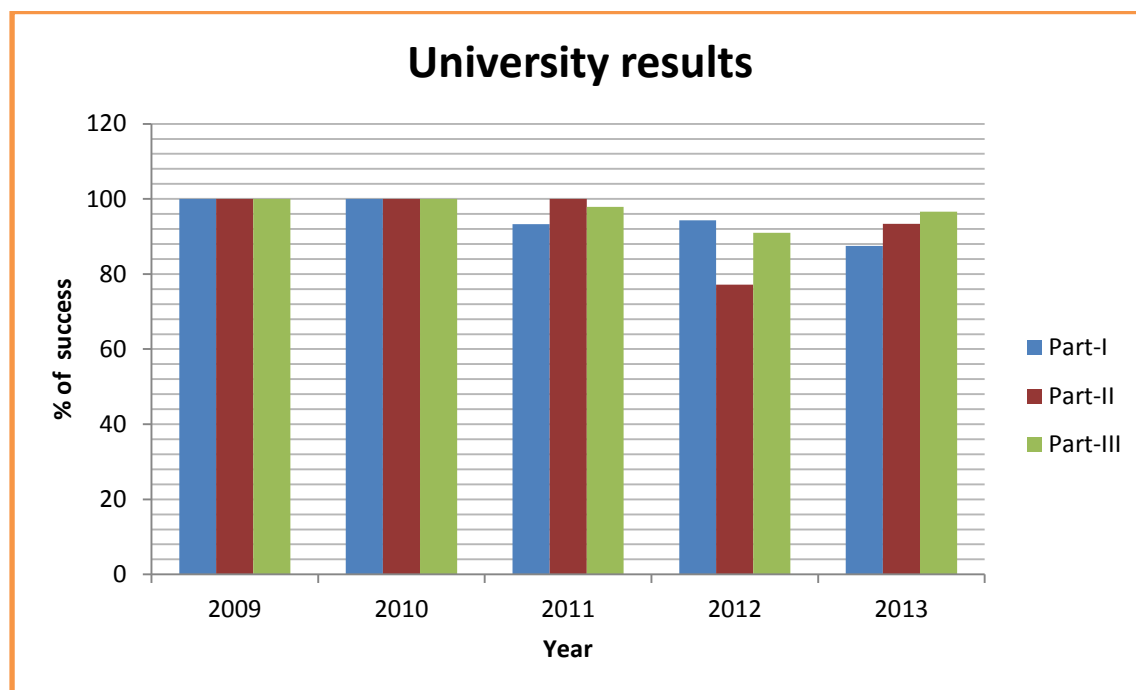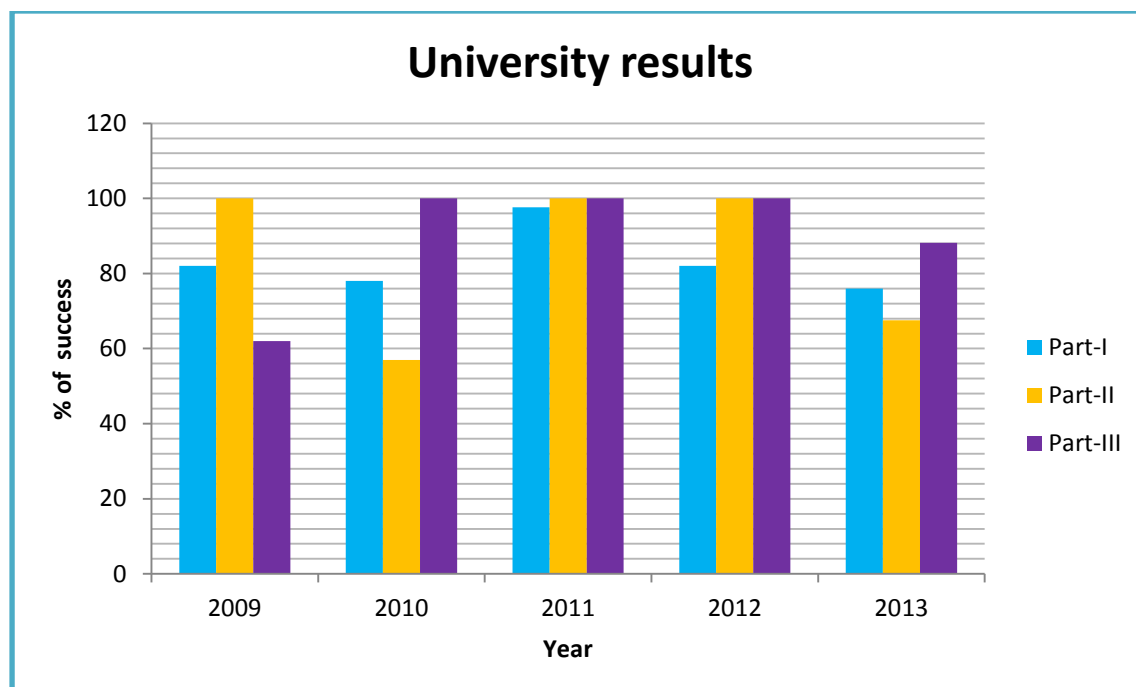
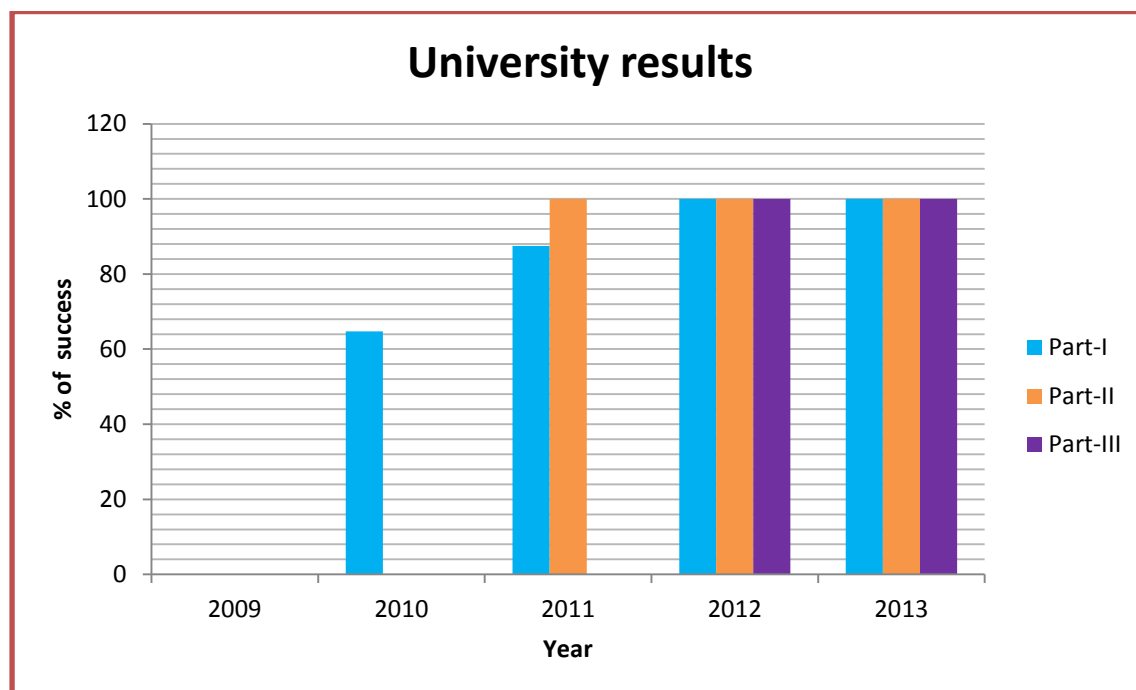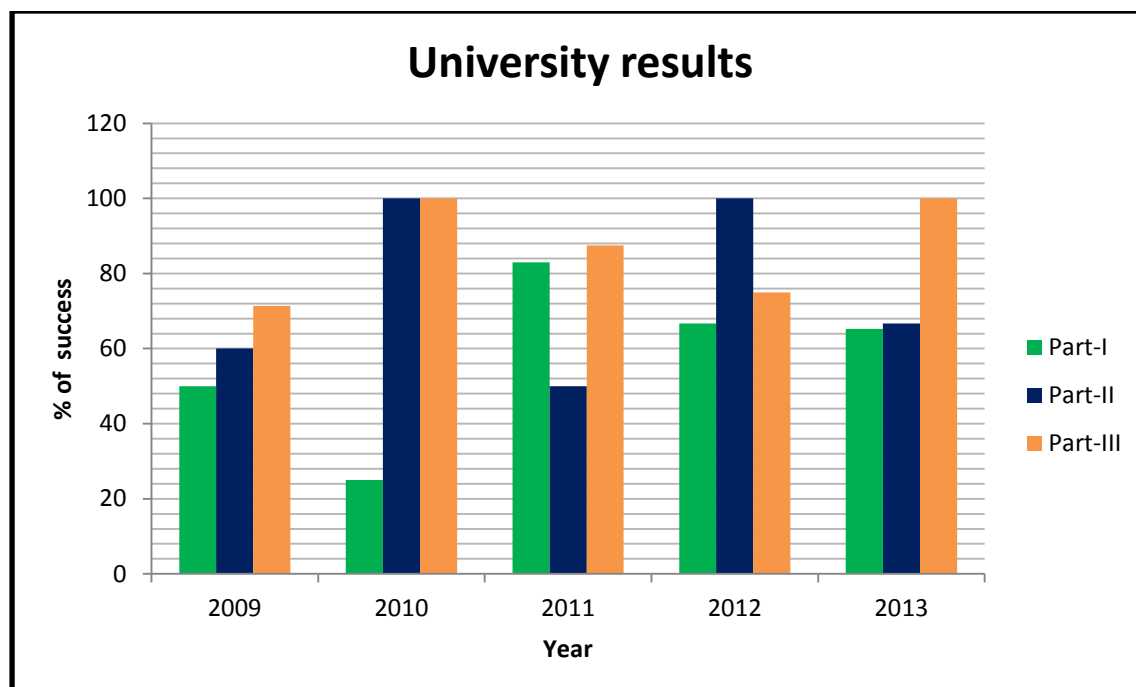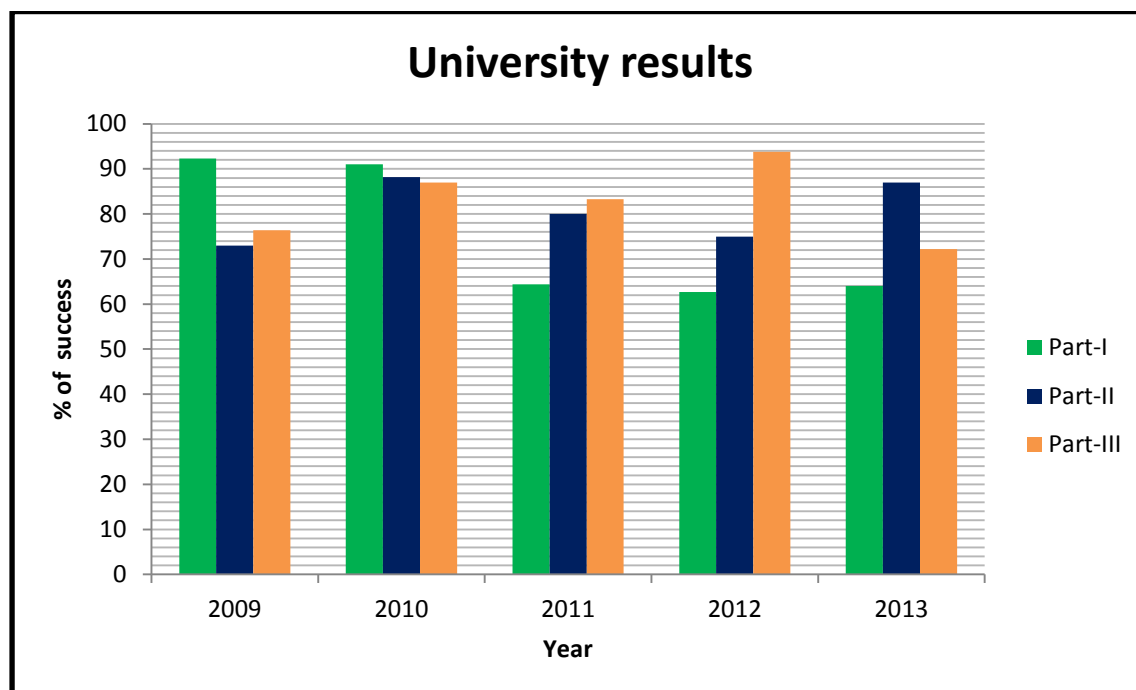# Department of Political Science
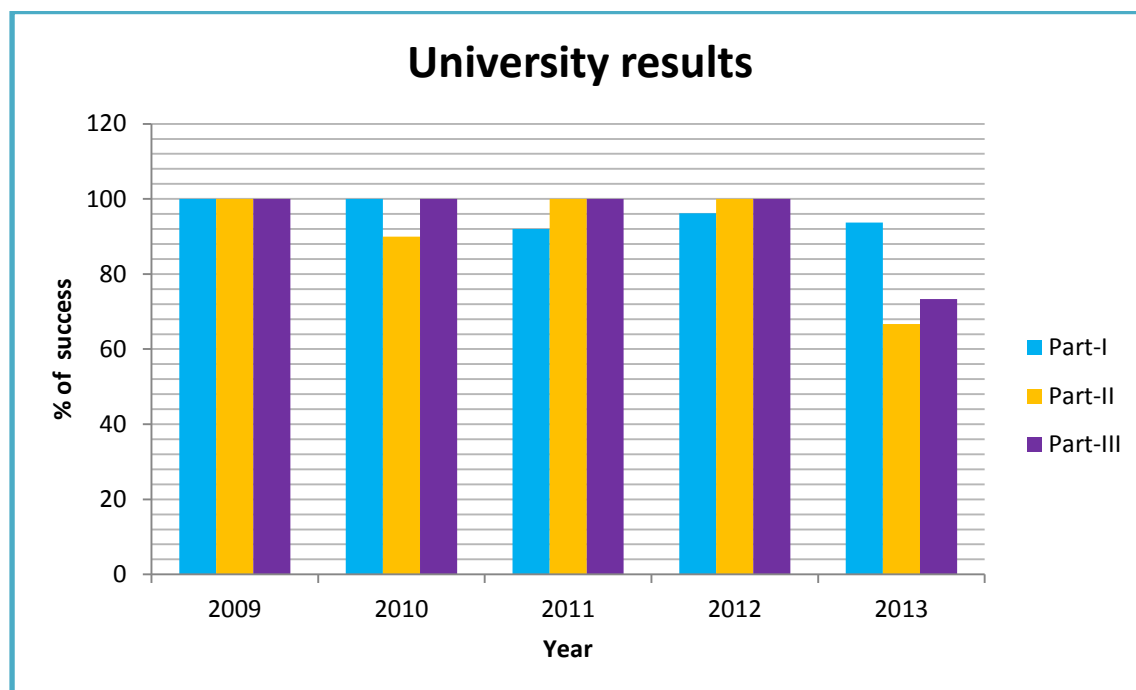
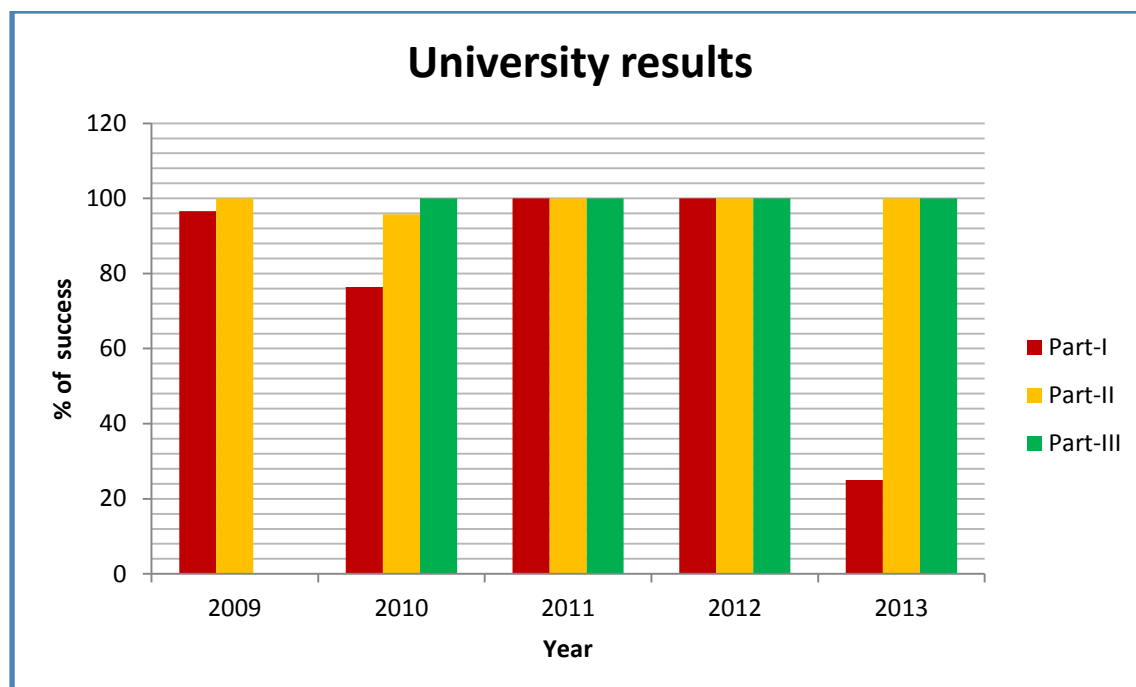# Department of Geography
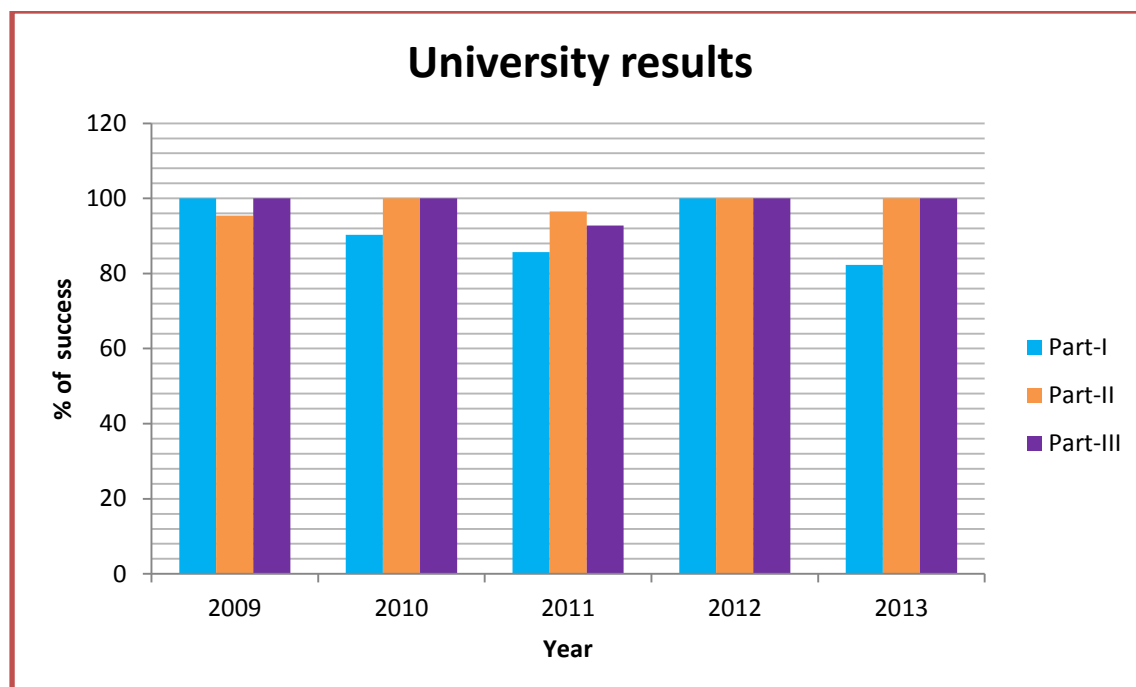
Department of English

Department of Physics

Department of Mathematics

Department of Computer Science

Department of Economics

University results — % of success by Year (Part-I, Part-II, Part-III)

Department of Commerce

University results — % of success by Year (Part-I, Part-II, Part-III)

B.A./B.Sc./B.Com. General

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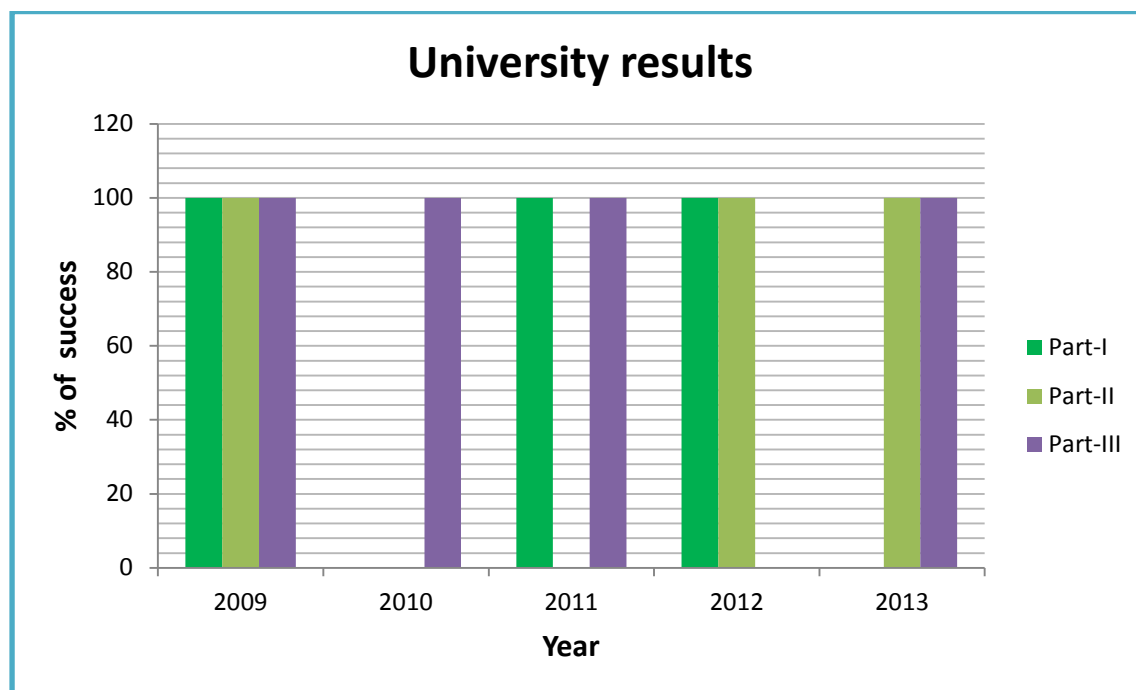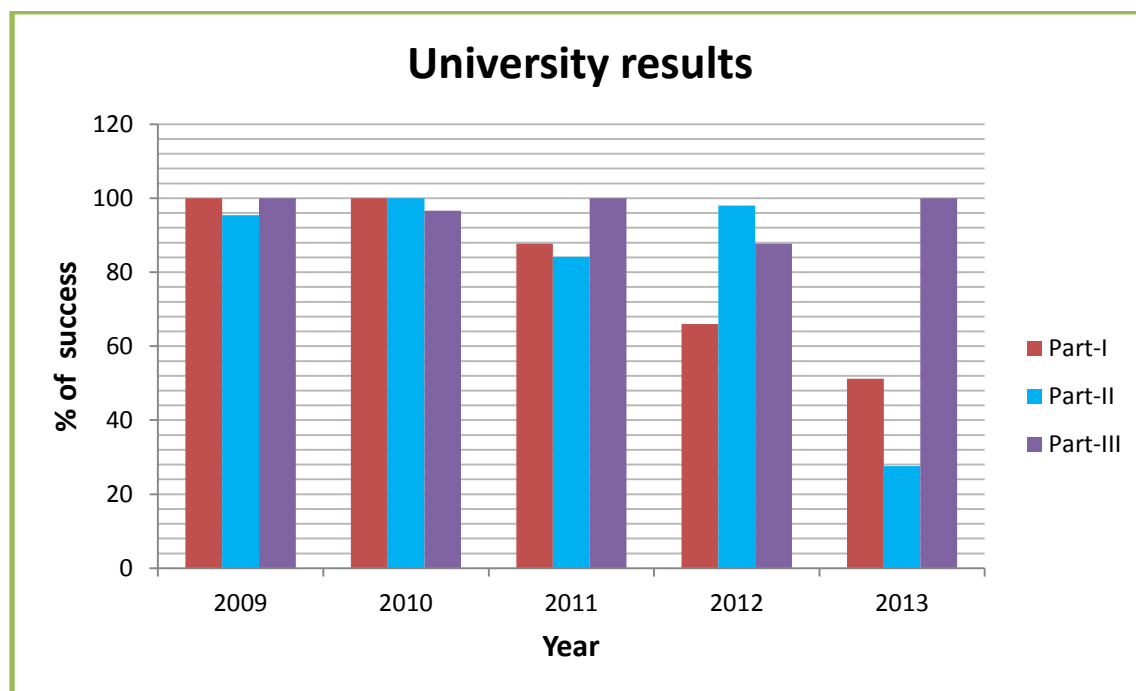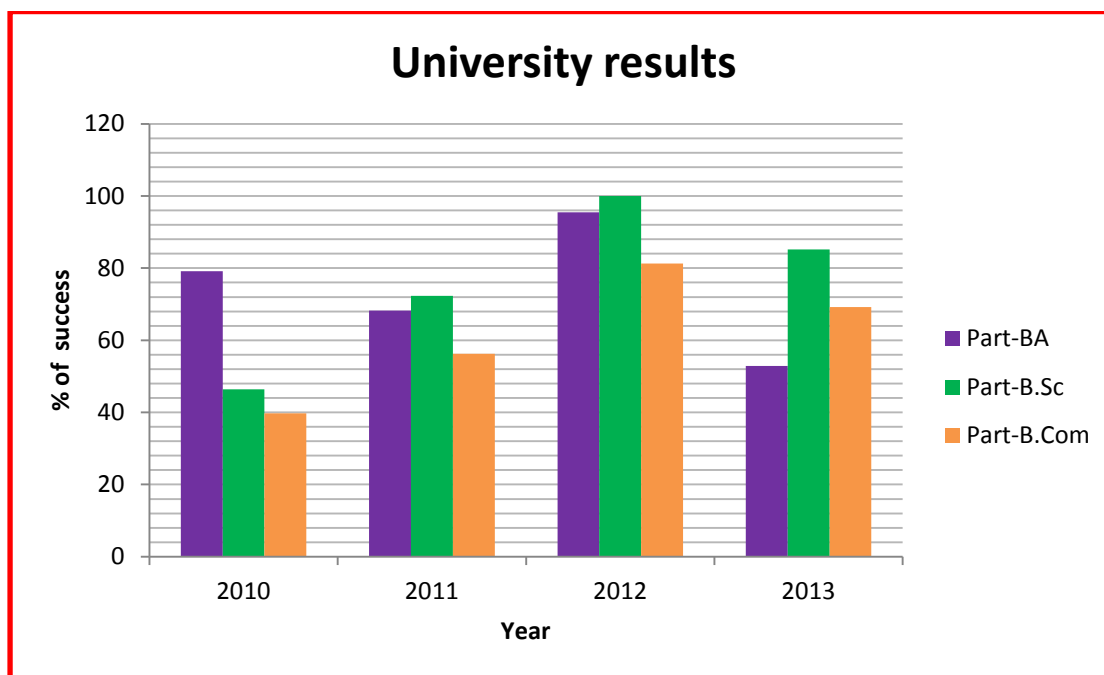
2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

As mentioned earlier, teaching learning evaluation process is conducted through class tests, mid-term and pre-final test in order to prepare the students for the final examinations conducted by the parent University. Besides these, the learning and skill development of the students are assessed by the student seminars, held by some departments where the students give short oral presentation on their selected topics; they are also encouraged to take part in debates and quiz which are very much helpful for their mental growth. In our institution there is a practice of assessing the overall teaching learning procedure by the outgoing students. The college authority with the help of the academic subcommittee analyses the data received from the student assessment along with the Head of the departments and thus monitors the teaching learning process.

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

The college regularly hosts career counseling, entrepreneurship development programmes for the benefit of the students. Career guidance, call for seminars from

esteemed research institutions are walled up in the bulletin board for general awareness and subsequent participation by the students.

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?

The results of the all internal assessments are submitted to the academic sub-committee whose meetings are held regularly. Poor performance is discussed and the concerned students then guided accordingly.

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

The institution monitors and ensures the achievement of learning outcome through academic subcommittee. The decisions of the academic subcommittee are further discussed in the Governing Body.

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.

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

Yes, this is particularly relevant to the practical based subjects where the student require almost individual guidance to perform reasonably well in the examinations. Often students are guided well beyond their scheduled session in order to develop confidence in them.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1   Promotion of Research

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

No, there is no such facility in the Institution.

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.

No, however when individual faculty apply for minor/ major research projects it is approved by a committee consisting of the Teacher-in-charge, Convener - Academic Committee, Secretary- Teachers' Council and one of the Teachers' Representative of the Governing Body. Any issues related with the projects are dealt with centrally by the authority.

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

§   **autonomy to the principal investigator**

§   **timely availability or release of resources**

§   **adequate infrastructure and human resources**

§   **time-off, reduced teaching load, special leave etc. to teachers**

§   **support in terms of technology and information needs-Not so sufficient.**

§   **facilitate timely auditing and submission of utilization certificate to the funding authorities**

§   **any other**

The authority always encourages the faculty members in carrying out their individual research projects by providing different facilities like:

☐ Support in terms of technology, for example internet facility and information needs like reference books, journals and periodicals in the library.

☐ Providing space for laboratory set up in the college, if needed.

☐ Facilitate timely auditing and submission of utilization certificate to the funding authorities.

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

Our institution encourages the students to arrange science exhibition in the college campus. Students are taken for academic tours to leading scientific Institute like Saha Institute of Nuclear Physics so that they can get an exposure to contemporary research activities. College encourages educational excursions by respective departments. Additionally, the department of geography conducts educational excursion every year as a part of their curriculum.

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.).

List of the faculty who are actively involved in Research

Serial No	Department	Name of Faculty	Research topic	Remarks
1.	Physics	Dr. Sanjib Kar	Atmospheric Physics	Post Doctoral Assistant Research Fellow (Centre of Space and Remote Sensing), National Central, Taiwan
2.	Mathematics	Bankim Nasipuri	Mathematical Biology	Ph. D fellow, Bengal Engineering and Science University
3.	Commerce	Sandhya Pal		Ph. D fellow, University of Calcutta
4.	Bengali	Subrata Mondal	Somoy o Samaj: Somen Chanda, Nani Bhowmik o Sulekha Sanyal er golpo	Ph. D. fellow, Gour Banga University
5.	Physical Education	Hira Chatterji	Kinsiology & Biomechanics	Ph.D. fellow, University of Kalyani
6.	Computer Science	Sumana Bandyoadhyay	On the Theory of Perfect Graphs and some of their New Applications	Ph.D. fellow, University of Calcutta

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.

Nil.

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

SL. No.	Name of the Faculty Members	Department	Areas of Research Activities
1.	Dr. Ajit Kumar Bera	Bengali	Vaishnav Sahitya
2.	Sri Subrata Mandal		Novel & Fiction
3.	Dr. Kakoli Banerjee	Chemistry	Radioanalytical Chemistry
4.	Dr. Santarupa Thakurta		Co-ordination Chemistry
5.	Sm. Sandhya Ghosh	Commerce	Commerce Management
6.	Sm. Sumana Bandyopadhyay	Computer Science	Combinatorial Geometry
7.	Dr. Asok Kumar Das	Economics	Local Level Finances
8.	Dr. Manojit Ghosh		Environmental Economics
9.	Dr. Tapasree Banerjee		Quantitative Economics
10.	Sm. Indrani Chakraborty	English	Post Colonial English
11.	Dr. Sarada Mandal	Geography	Handlooms
12.	Dr. Ballari Bagchi		Urban & Population Geography
13.	Sri Madhusudan Pramanick		Peri Urban Land Use Change
14.	Sri Suman Bandopadhyay	History	Buddhism in India
15.	Dr. Prasanta Sinha	Mathematics	Topology
16.	Sri Bankim Nasipuri		Mathematical Biology
17.	Dr. Sutapa Ray	Philosophy	Logic & Epistemology
18.	Sm. Hira Chatterjee	Physical Education	Kinsiology & Biomechanics
19.	Dr. Dolan Champa Saha	Physics	Non-Linear Dynamics
20.	Dr. Sanjib Kumar Kar		Atmospheric Physics

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

The institution arranges seminar and sometimes special lectures given by eminent researchers to interact with teachers and students. Some of the researchers and academicians who have delivered enlightening lectures include:

Prof. Dr. Dipak Ghosh, Emeritus Professor of Jadavpur University,

Dr. Premomoy Ghosh, Senior Scientist, VECC, Kolkata

Dr. Ratan Khasnobis, Director MH-ROM C.U.

Dr. Tushar Jash School of Energy Studies, J.U.

Dr. Rupali Gangopadhyay, Research Associate, IACS,

Dr. Sanjay Bhar, Associate Professor, Dept. of Chemistry, Jadavpur University,

Mr. Tarun Das, Educational Officer, Birla Industrial and Technological Museum

Dr. Amit Dey, University of Calcutta, History Dept.

Dr. Rashed Ali, University of Calcutta, History Dept.

Prof. Subir Ranjan Bhattacharya, Reader, University of Calcutta

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?

One of our faculties Dr. Sanjib Kar, Department of Physics is currently pursuing post doctoral research at Centre of Space and Remote Sensing National Central, Taiwan.

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

The student members of the women's cell in collaboration with the NSS team of this college conducted a socio economic survey of female members of a nearby village (Mashila). They collected general information regarding the health problems of the women residing in Mashila. The aim of the survey was to arrange a health camp for these villagers.

3.2 Resource Mobilization for Research

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

At present there is no such provision in our Institution.

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?

This does not apply to our Institution.

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

Since this is an undergraduate college, there are no such provisions. The only research which involves students is mainly curriculum oriented.

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

The faculty of the college endeavors to encourage interdisciplinary research work through submission of research proposals.

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

Not applicable.

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.

None.

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

Serial No.	Name of Faculty, Department	Title of the project	Duration	Name of funding agency
1	Dr. Ajit Kumar Bera	Madakashakti : Rashtra Samaj Sahitya o Sanskriti	2009-2011	UGC
2	Dr. Tapasree Banerjee	Choice of Fuel in an EKC Framework: A Probit Analysis	2009-2011	UGC
3	Ms. Sandhya Pal	Accuracy of Performance Appraisal in a Public Sector Organisation: A study	2010- 2012	UGC

3.3 Research Facilities

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

Ours is an undergraduate institution, so there is no scope for providing research facilities to the students.

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

The internet facility is always available so that the faculty can access information. The INFLIBNET facilities are availed by both staff (teaching and non-teaching) and students. The Institution encourages faculty to actively participate in new and emerging areas of research. There are instances where faculty members are granted leave to participate in various workshops related to research methodology.

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?

Not Applicable.

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

ICT and INFLIBNET facilities are available to staff and students.

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

Nil.

3.4   Research Publications and Awards

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

∗   **Patents obtained and filed (process and product)-** Nil.

∗   **Original research contributing to product improvement**- Nil.

∗   **Research studies or surveys benefiting the community or improving the services-** No Institutional effort.

∗   **Research inputs contributing to new initiatives and social development-** Nil.

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

No.

3.4.3   Give details of publications by the faculty and students:

∗   **Publication per faculty- (books and journals)**

Serial No.	Department	Name of faculty	Publication
1.	Mathematics	Dr. Prasanta Sinha	S-Cluster Set and S-Closeness, Analele Stintifice ale universitatii "Al.I Cuza" Din IASI (S. N), MATHEMATICA, Tomul LIV, 2008, f. I Romania
2.			On S-Closed spaces via grills. Proceedings of A. Razmadze Mathmatical Instituto Vol. 148 (2008), 35-43
3.			(P, G)-quasi H-closed spaces: A unification. Southern Asian Bulletin of Mathmatics (China) 34 (2010) 1-15
4.			S-closed spaces through Grills. Journal of Advanced research in Pure Mathmatics. U.S. A, vol. 0.0, 1-9, February, 2010
5.			A type of extension of topological spaces (communicated)
6.	Mathematics	Bankim Nasipuri	Spatio-temporal chaos in a Holling-Tanner prefator-prey model with Holling type-IV functional response. Int. J. Ecol. Econ. Stat. Volume 31(4), 2013

7.			Natural Hazards: Origin, Impact, Mitigation and Mapping **(Book)**
8.	Geography	Dr. Sarada Mondal	Endurance of ancient art of weaving Baluchari in relation to present technological advancement
			Indian Journal of Landscape Systems and Ecological Studies, Special volume on Environmental Problems in Geography, Vol. 33, Institute of Landscape, Ecology and Ekistics, Kolkata
9.	Bengali	Dr. Ajit K. Bera	Satabdir Sadhana published by Pustak Biponi (2009) (**Book**)
10.			Naba Prekhhapate Rabindranath published by Pustak Biponi (2010)(**Book**)
11.			Madakashakti-rastra, samaj o sahitya published by Pustak Biponi (2012) **(Book**)
12.	Bengali	Dr. Abhijit Banerjee	Madhya yuger Sahityae gatanugatikata banam moulikata-pubblished by Bangiya Sahitya Samsad Prakashana, 2008, 2012 (**Book**)
13.			Baishnab Padabalir Nabamulyayan-Akshar publisher-2009, 2013 (**Book**)
14.			Jarasandher upanyas: ekti samajtattik samiksha.(**book**) (Ph.D thesis).
15.	Chemistry	Dr. Santarupa Thakurta	"Sterically-controlled nuclearity in new copper(II) complexes with di-compartmental ligands: Formation of antiferromagnetically coupled angular trimer and mononuclear inclusion complex".
			Inorganica Chimica Acta, Volume 363, Issue 7, 20 April 2010, Pages 1395-1403, Publisher-Elsevier
16.			"Synthesis, Structural Aspects and Magnetic Properties of an Unusual 2D Thiocyanato-Bridged Cobalt(II)-Schiff Base Network".
			Inorganica Chimica Acta, Volume 363, Issue 14, 25 November 2010, Pages 3981-3986, Publisher-Elsevier
17.			"A Series of Dicyanamide-Interlaced Assembly of Zinc-Schiff Base Complexes: Crystal Structure, Photophysical and Thermal Studies"
			Inorganic Chemistry, 2012, 51 (22), pp 12176–12187, Publisher- American Chemical Society,

18.			"Pseudohalide controlled assemblies of copper-Schiff base complexes with encapsulated sodium ion: synthesis, crystal structure and computational studies" European Journal of Inorganic Chemistry, Volume 2013, Issue 4, February 2013, Pages: 527–536, Publisher- Wiley-VCH, ChemPubSoc Europe
19.			"Thermally stable luminescent zinc–Schiff base complexes: A thiocyanato bridged 1D coordination polymer and a supramolecular 1D polymer" Polyhedron, Volume 65, 28 November 2013, Pages 6-15, Publisher-Elsevier
20.			"Yet another Way of Selecting Programme Slots for Advertising Products through Different Television Channels", Proc. of the National Seminar on Applied and Computational Mathematics and their Applications, Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India, pp.4 (Abstract), Mar. 6-7, 2008.
21.			"A Method to Select Programme Slots for Giving Advertisements in Different Television Channels", Proc. of 23rd IEEE Region 10 International Conference on Innovative Technologies for Societal Transformation (IEEE TENCON 2008), CD: Session: O24 (Innovative Technologies – I) (Six pages), Hyderabad, India, Nov. 18-21, 2008.
22.	Computer Science	Sumana Bandyopadhyay	"Some New Applications of Perfect Graphs", Proc. of the National Symposium on Applied Mathematics and Related Computational Problems, Department of Applied Mathematics, University of Calcutta, Kolkata, India, pp. 7-8 (Abstract), Jan. 13-14, 2009.
23.			"Computation of Minimum Frequency Requirement for a Wireless Communication System in Polynomial Time using a Graph Theoretic Approach", Proc. Of Third International Conference on Information Processing (ICIP 2009), session: 2 (Computer Communication Network) (Ten pages), Bangalore during August 7-9, 2009.
24.			"Minimum Frequency Requirement for a Wireless Communication System in Polynomial Time", Volume No.4 Issue No.3 of International Journal of Information Processing, pp. 64-73, 2010.

25.			"An Algorithm for Selecting Programme Slots to Broadcast Advertisements in Parallel in Different Television Channels", Proc. of IEEE International Conference on Computer Science and Automation Engineering (CSAE 2011), session c2, Shanghai, China, Volume No. 2, pp. 399-403, June 10-12, 2011.
26.			"Computation of all Possible Maximal Cliques of a Weakly Triangulated Graph in Polynomial Time", accepted for presentation and publication in proceeding of Science and Information Conference 2014, August 27-29, 2014, London, UK.
27.	Commerce	Sandhya Ghosh (Pal)	International Journal of Marketing Theory, Vol. 2 No. 2, July-December, 2012, ISSN 2230-889X, P 169-187.
28.			International Journal of Business, Management & Social Sciences, Vol. II Issue 7(VI), March 2013. ISSN 2249-7463, P 9-12.
29.			International Research Journal of Business Sciences, Vol. 1 Issue 1, ISSN 2321-3191, P 1-5
30.			Proceedings of the National Conference on management a changing scenario, March 6th, 2010. ISBN No. 978-81-904760-3-4 Published by office care systems Private limited, Chennai.
31.	English	Indrani Chakraborty	Title: "Our Bankim, Their Bankim: Reading the Text and the Index in Krishna Kanta's will" Journal of the Department of English, University of Calcutta, Pages: 247-257 Volume: XXXIII, Date: 2006-2007

Further details of publications are furnished in the previous AQARs:

∗ **Number of papers published by faculty and students in peer reviewed journals (national / international) –**

Total no. of publications: 24 (National & 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.)-** Nil.

∗ **Monographs**- Nil

∗ **Chapter in Books**-

One Chapter in the book "Disasters in West Bengal –an interdisciplinary study" by Dr. Tapasree Banerjee, Department of Economics.

Two chapters written by Ms. Hira Chatterjee, Department of Physical Education in Higher Secondary Text Book in Physical Education, published by Govt. of West Bengal.

∗ **Books Edited**-Nil.

∗ **Books with ISBN/ISSN numbers with details of publishers:** 07

∗ **Citation Index**

∗ **SNIP**

∗ **SJR**

∗ **Impact factor**

∗ **h-index**

Details of publications are furnished in the Evaluative Reports of the respective Departments.

3.4.4 Provide details (if any) of

∗ **Research awards received by the faculty:**
   1. Avijit Banerjee, Dept. of Bengali- Ph.D. awarded in 2012 from Calcutta University

   2. Sarada Mondal, Dept. of Geography- Ph.D. awarded in 2011 from Calcutta University

   3. Santarupa Thakurta, Dept. of Chemistry- Ph.D. awarded in 2010 from Jadavpur University

   4. Ballari Bagchi, Dept. of Geography- Ph.D. awarded in 2008 from North Bengal University

   5. Sipra Roy, Dept. of Chemistry- Ph.D. awarded in 2008 from IIT, KGP

∗ **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally:** Nil.

∗ **Incentives given to faculty for receiving state, national and international recognitions for research contributions:** Nil.

3.5   Consultancy

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

Our institution has not yet developed any strategies for establishing institute-industry interface.

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

No such policy is developed by the Institution at present

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

Not applicable.

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

Not applicable.

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?

Not applicable.

3.6   Extension Activities and Institutional Social Responsibility (ISR)

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

The Institution thrives to encourage Community Development Programmes both within the College Campus as well as in the near vicinity through its NSS unit and NCC wings. We have one unit, having volunteers 100 (preferably 50 male and 50 female) in this season under the guidance and supervision of NSS officer.

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

By joining Youth parliament and to its various programmes to aware the students about their rights and duties as Indian citizens.

The major extension and outreach programme in the last four years are:

  i)   HIV awareness program

  ii)   Hepatitis B Vaccine has been provided at low cost to a considerable number of students during July, 2010

  iii) Health Check Up Camp has been organized alongwith Women's Cell in the College Campus

  iv) Cleaning the College Campus, beautification of the College garden

  v)   Planting of trees in the adopted village

  vi) Alerting people against the menace of smoking, drugs etc.

  vii) Survey on health, public sanitation, personal hygiene and literacy conducted in March, 2011 in the adopted village, Mashila, Alampur

  viii) A seminar was organized in January 12, 2011 to commemorate Swami Vivekananda's 150th birth Anniversary. A rally was organized with the staff and students of the College which consists of tableaux, slogans and recitals from Vivekananda's work and life.

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

By forming different committees to encourage active participation of all stakeholders and to uphold the quality and performance in various fields of the Institution.

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

Educational Tour:

- Dept. of Geography organizes two educational tours every year as a part of the course curriculum (details in evaluative report on department)
Apart from this several Departments organize various extension activities as follows :
- Dept. of Philosophy organized an academic tour to Mayapur, Nadia, in 2013.

- Dept. of Bengali organized an academic tour to Shantinikatan, Birbhum in 2013.
- Dept. of Physical Education organized Rock climbing and Jungle Tracking in Susunia Hill in March 2013
- Dept. of Chemistry organizes academic tour every year to various institutes for example BITM, Science City, SINP etc.

Health camp:

NSS unit regularly organizes health camp in their adopted village, Alampur. This is done after a thorough survey by the students. Medical practitioners are invited for primary health check-up.

Regular Programme :

Year	2008-09	2009-10	2010-11	2011-12
Decoration: Electric (Light & Sound)	1400.00	1500	1600	1800
Printing & Stationary	500.00	600.00	700.00	800.00
Refreshment	6200.00	3700.00	3700.00	3800.00
Conveyances	500.00	500.00	400.00	500.00
Photography	300.00	200.00	200.00	300.00
Publicity & Communication	200.00	200.00	100.00	500.00
Misc Programme	1100.00	11000.00	11000.00	10000.00
Conveyances for Programme Officer (400x12 Months)	4800.00	4800.00	4800.00	4800.00
Total	15000.00	22500.00	22500.00	22500.00

Special Camping :

Year	2008-09	2009-10	2010-11	2011-12
Refreshment	(50 x 10) @ Rs. 22 =11000.00	(50 x 07) @ Rs. 60 = 21000.00	(50 x 07) @ Rs. 60 = 21000.00	(50 x 07) @ Rs. 60 = 21000.00
Stage, Decoration, Sound & Light	4000.00	1500.00	1500.00	1500.00
Total	15000.00	22500.00	22500.00	22500.00

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

Students actively participate in NCC and NSS activities of the college. Some of the programmes include:

- NSS unit serves the neighbourhood by organizing various awareness programme such as literacy campaign, plantation of trees, blood-donation camp, repairing roads, distribution of clothes among the deprived community. NSS unit also serves to battle the after mark of natural disasters by reaching out to the affected people.

- NSS unit works as a socializing force. It enhances the sense of social inter-dependence.

- The local people as well as the neighbourhood villages were greatly benefitted by the activities of NSS unit. The blood donation camp and other awareness programmes were a great success. Special reference must be made of Tulsiberia, a small village in Howrah, now an alcohol free zone after a long struggle.

We divide whole year activity of NSS programme into two parts. They are-

a. Regular programme   b. Special Camping Programme

a. Regular Programme

The activities of the regular programme are carried out during the weekends. The programme schedules are as follows-

1. Cleaning programme- NSS room, class rooms, college field, garden etc.

2. Gardening-sapling of flowers and other plants both in pot and land.

3. Awareness programme- On AID's, Health, Literacy, sanitation etc.

4. Immunization programme- Hapatitis B-vaccination camp.

5. Planting of trees.

6. Celebration of Yubadibas- Colourful Rally and seminar organized on Swami Vivekananda's Birthday.

7. Distribution of winter garments- NSS volunteers collected the garments from our teachers and staff then distributed it among the deprived community.

8. Aid to the natural disaster victims- NSS serves to battle the aftermark of natural disaster by reaching out to the affected people.

b. Special campaigning programme

The NSS unit of Prabhu Jagatbandhu College organizes a special camp of duration 7 days every year in its adopted village Alampur. Through this camp we extend our community service by surveying on different issues such as sanitation, literacy, conservation of water, health etc. In addition to that the volunteers repair and

construct village roads, distribute warm clothes during winter session and teaching aids to the under-privileged section of the villagers.

NCC

National Cadet Corps or the NCC in the College started since 1968 under the able guidance of Prof. Manoranjan Adak has been existing successfully. It is army wing company under 41 Bengal Battalion N.C.C. of West Bengal and Sikkim Directorate. Our Unit organizes many camps and the cadets participate in the camp for the training required for Nation Building. At present the Unit is running with 160 cadets under the supervision of Lt. Palash Patra, A.N.O. Our cadet Pinky Adhikary received 2nd position in inter district shooting championship2011. Cadet Abhijit Halder attended Thal Sena Camp 2011 and SD and SW Cadets selected for IGC 2011 and RDC 2012. Cadet Mosibul Fakir and Alivia Mukhopadhya attended Republic Day Camp 2012 (Delhi) and participated in marching contingent on Rajpath Republic Day Parade. In 2011-12 cadets participated in22 regular camps .Apart from that cadets also took part in adventure activities like White Water Rafting in Sikkim, All India Coastal Trek in Puri, Sandakphu Trek (organized by the College NCC unit)., Mountaineering and Ski Camp at Gulmerg, Basic Mountaineering and Rock Climbing Course in Susuniya Hills etc. Social service activities of the NCC include Tree Plantation week, Blood donation, Volunteer Duty in shishu mela, Anti-drug Awareness Rally etc. 15 SD and SW cadets took part in rally and seminar with College NSS unit on occasion of Swami Vivekananda's Birthday. ANO and 12 SD Cadets visited Writer's Building on theoccassion of Armed Forces Flag Day on 7th December 2011 for collection of subscription. ANO and 17 SD cadets took part in Save Electricity Rally with WWF at Kurzon Park, Kolkata on 31st March 2012.

Though various programmes of NCC are carried out throughout the year, the students learn team-work, patriotism and service to the nation.

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

Through the activities of Women's cell, 'Sachetani', which has been reported in our best practice.

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

Through basic computer training programme and spoken English classes our students get enriched in language training, as well as basic knowledge of computer which help them in higher studies and acquiring jobs in various fields.

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

At the concluding ceremony of NSS camp, cultural programme is held which involves active participation of the villagers where both the villagers and students share the same stage.

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

Nil.

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

Nil.

3.7   Collaboration

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

Some faculty members interact with the research laboratories for research activities. Dr. Tapasree Banerjee, Department of Economics received a post-doctoral fellowship from Navjiban Ratan Tata Trust in the year 2009 and carried out research work in Centre of Studies in Social Sciences Calcutta.

Dr. Sanjib Kar, Department of Physics is on study leave for his post-doctoral research from 26th August, 2013 for one year at Centre of Space and Remote Sensing, National Central, Taiwan.

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.

Not applicable.

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

We have not yet developed any collaborative arrangements with any such Institutes or industries. However, we are trying to develop collaboration with some industries and some job facilitating companies.

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

- ❖ UGC sponsored state level seminar on "Technology for Rural India: Its problems and sustainable solutions was organized on 18th and 19th February, 2011. The speakers were Prof. Tarashankar Bandopadhyay, Advisor, Deptt. of Science and Technology, Govt. of West Bengal, Dr. Shankar Bhowmick, Prof. of Econonics, Deptt. of Economics, University of Calcutta, Dr. Sugata Marjit, Director, Center for Studies in Social Sciences, Kolkata, Dr. Pulin Chakraborty, Associate Professor, Deptt. of Soil and Water Conservation, Bidhan Chandra Krishi Vishwavidyalay and Dr. Aniruddha Das, Professor & Head of the Deptt. of Plant Physiology, Mohanpur, Nadia. All teachers of the college participated in the seminar.

- ❖ Department of Chemistry organized a one-day seminar on the occasion of 150th Birth Anniversary of Acharya Prafulla Chandra Ray on 1st March, 2011. Resource persons were Dr. Sanjay Bhar, Associate Prof. in Chemistry, Jadavpur University and Dr. Rupali Ganguly, Research Associate, Indian Association for the Cultivation of Sciences, Kolkata.

- ❖ A seminar was conducted by the College on "Islam and Humanism" on 22nd March, 2011. The speaker was Dr. Maqbul Islam, Associate Professor and Head, Deptt. of Bengali, St. Paul's College, Kolkata.

- ❖ A seminar on "Energy, Ecology and Sustainable Development" was organized by Economics Department on 9th October, 2012. The speakers were Dr. Ratan

Khasnobis, Director, MH-ROM, Calcutta University and Dr. Tushar Jash of Jadavpur University.

❖ Dr. Devasree Mitra, gynecologist from London Hospital, delivered a lecture on "A Girl, a Woman, a Mother – The Journey Continues" on 15th January, 2013.

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

a) **Curriculum development/enrichment**

b) **Internship/ On-the-job training**

c) **Summer placement**

d) **Faculty exchange and professional development**

e) **Research**

f) **Consultancy g) Extension**

h) **Publication**

i) **Student Placement**

j) **Twinning programmes**

k) **Introduction of new courses**

l) **Student exchange**

m) **Any other**

No formal MOUs and agreement has yet been developed in any of the above mentioned field. Our institution organizes some seminar and workshop where different companies take part to orient the students for professional jobs. And in this process every year two or three students are absorbed by such companies.

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

Some Companies have approached us for career counseling sessions on a regular basis. The College gives them a platform to communicate with students and encourages future collaborations.

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?

Institution has adopted a policy of providing the basic requirements like microphone, projectors etc. for efficient teaching and learning.

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, Animal house, specialized facilities and equipment for teaching, learning and research etc.

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

a)   Enough spacious and airy classrooms equipped with benches, black board, lights and fans are available. A seminar hall, laboratories, microphones, white board, projectors are all present. Every department is equipped with computer and internet facility.

b)   Students are involved in NSS and NCC activities intra and inter college sports events. A well-equipped gymnasium is an asset of our college. Every department organizes a cultural program annually in addition to the social function organized by the students' union.

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

The institution follows a policy of providing requisite infrastructure for academic growth. Whenever a department submits a list of requirements, the college authority tries its level best to fulfill the requirements.

Expenditure against the following heads was planned:

Direct teaching

> ➢ Books and Journals
> ➢ Equipments/ Almirah purchase and maintenance
> ➢ Yearly internet charges
> ➢ A.C. machine for library

Infrastructure for general development

> ➢ Renovations and extension of electric wiring
> ➢ Installation of transformer
> ➢ Renovations and extension of drainage system
> ➢ Roof treatment
> ➢ Installation of new water pipelines and submersible pump

Student Welfare

> ➢ Freeship in tuition fees
> ➢ Distribution of cycles
> ➢ Financial award and other prizes for incentives

Amounts spent on infrastructural facilities for the last four years					
Sl.	Items	2008-09	2009-10	2010-11	2011-12
a.	Building	31,063	96,951	2,00,977	1,21,010
b.	Furniture	34,829	3,087	27,595	1,83,958
c.	Equipment	37,755	63,806	29,836	3,80,467
d.	Computers	56,400	1,47,854	1,45,752	3,91,923

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

Institution has not got an opportunity to do anything special for students with physical disabilities. No special arrangements are there for such students.

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

- **Hostel Facility**- Not available.
- **Recreational facilities**- Well equipped Gymnasium with modern amenities like 16 station multigym with jogger and bicycle argometer.
- **Computer facility including access to internet in hostel-** N.A.

- **Facilities for medical emergencies-** First aid box is available in college. College authority takes students to the nearest health center for treatment in case of emergencies. Reviving the Student's Health Home (SHH) was a very positive step taken by College authority towards students health concerns.
- **Library facility in the hostels**- N.A.
- **Internet and Wi-Fi facility**- Yes, present in the college
- **Recreational facility-common room with audio-visual equipments-** Common room is there separately for boys and girls.
- **Available residential facility for the staff and occupancy
  Constant supply of safe drinking water-** No residential facility for stuff. There is constant supply for safe drinking water. One water cooler and six aqua guards are there.
- **Security-** College authority has arranged for security from private agencies.

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?

College has institutional membership of Students' Health Home, Govt. of West Bengal. For this membership every student can avail medical facilities in Govt. Hospitals with nominal expenditure.

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

A room has been allotted for IQAC so that the activities related to IQAC may be carried out unhindered. A Grievance Redressal Box is there for students. There is a women's cell in college. Counseling and career guidance and placement unit has been working very efficiently in the college.

4.2   Library as a Learning Resource

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

Yes, the library has an advisory committee which is called the library sub-committee. The members of the committee are:-

Teaching-staff	Non-teaching staff
Prof. Aparna Dutta	Sri Govindo Ghosh
Rabindranath Ghorai	Sri Bechuram Malick
Dr. Ajit Bera	Smt. Gopa Tirki
Prof. Sandhya Ghosh	Sri Himlal Sharma
Prof. Suman Bandopadhyay	Sri Shew Dhari Routh
Prof. Sutapa Ray	Sri Bechuram Ghorai
Dr. Dolon Champa Saha	Somenath Banerjee
Prof. Bankim Nasipuri	Pranab Kumar Samanta
Prof. Madhusudan Pramanick	Swapan Kumar Nath
G.S. Students' Union	

Significant initiations which have been taken by the library committee are as follows:

a. Library committee has reported to the college authority the necessity of installation of at least 5 A. C. machines. Three A.C, machines are already installed and there is need for further installation of 2 A.C. machines.

b. The damaged and outdated books have been listed by the librarian. Committee had requested the authority to dispose off these books. This work has been successfully completed.

c. Library has been suffering greatly due to shortage of staff. Committee has requested the authority to arrange for one clerk and one group D staff. College authority at present has given three group C staff.

d. Committee suggested complete digitalization of the library. Librarian has taken the responsibility to do the same. Work is under progress.

e. Library committee has arranged for purchase of ceiling as well as pedestal fans, tube lights and librarian desk.

f. 2 computers were required for the library with internet connection.

g. Library committee suggests purchase of books according to the availability of funds from time to time.

h. Library committee has suggested that the corridor in front of the library should be converted to a reading room, which has been done.

i. Library committee has arranged for access to e-journals & books through INFLIBNET.

4.2.2 Provide details of the following:

∗ **Total area of the library (in Sq. Mts.):** 39.2051 Sq. Mts.

∗ **Total seating capacity:** 100 students + 25 staff

∗ **Working hours:**

On working days – 10 am to 5 pm (7 hours)

On holidays – closed

Before examination days – 10 am to 5 pm (7 hours)

During examination days – closed

During vacation - closed

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

Library comprises of a study room for students and one for staff and an area which houses 89 almirahs housing books of the different subjects

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.

All the departments submit the book list to the librarian. According to the fund allotted, books are purchased through proper procedure of calling tenders. Sellers giving maximum discount are given the order for purchase of books.

During the last four years, the amount spent in purchasing books:-

01.04.2007 to 31.03.2012: Rupees 6,25,370.00

01.04.2012 to 31.03.2012: Rupees 2,02,324.00.

Journals and Periodicals:-

01.04.2007 to 31.03.2012: Rupees 29,275.00

01.04.2012 to 31.03.2012: Rupees 6.271.00

So, the total expense comes to Rupees 8,63,240.00.

Further Rupees 5000.00 has been incurred for accessing e-journals e-books through INFLIBNET.

Hence, in the previous 5 years, the library has incurred an expenditure of Rupees 8,68,240.00 for purchase of journals, periodicals and e-journals and e-books.

Library holdings	Year -1		Year - 2		Year – 3		Year - 4	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books	-	-	702	118659	1280	302028	731	197989
Reference Books	-	-	45	3873	20	3200	39	4335
Journals/ Periodicals	183	5876	367	5954	369	7448	319	6271
e-resources								
Any other (specify)								

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

* **OPAC:** Not available

* **Electronic Resource Management package for e-journals:** Available only for staff

* **Federated searching tools to search articles in multiple databases:** Available for students and staff

* **Library Website:** Not available

* **In-house/remote access to e-publications:** No

* **Library automation:** Partly

* **Total number of computers for public access:** 01

* **Total numbers of printers for public access:** Nil

* **Internet band width/ speed**: 10 mbps

* **Institutional Repository:** Not available

* **Content management system for e-learning:** Not available

* **Participation in Resource sharing networks/consortia (like Inflibnet):**

  Yes, we do participate in resource sharing networks as we have access to e-books and journals through the INFLIBNET.

4.2.5   Provide details on the following items:

* **Average number of walk-ins:** 150 per day

* **Average number of books issued/returned:** 100 per day

* **Ratio of library books to students enrolled:** 18:1

* **Average number of books added during last three years:** 939

* **Average number of login to OPAC:** Not available

* **Average number of login to e-resources:** Not available

* **Average number of e-resources downloaded/printed:** Nil

* **Number of information literacy trainings organized:** 14 literacy programs per year

* **Details of "weeding out" of books and other materials:** The librarian places the details of outdated, torn, damaged books in the library committee. The committee suggests the authority to dispose off the books.

4.2.6   Give details of the specialized services provided by the library

* **Manuscripts:** Not available

* **Reference:** Yes

* **Reprography:** Yes

* **ILL (Inter Library Loan Service):** Yes

* **Information deployment and notification:** Yes

* **Download:** No

∗   **Printing:** No

∗   **Reading list/ Bibliography compilation:** Yes

∗   **In-house/remote access to e-resources:** No

∗   **User Orientation and awareness:** Yes

∗   **Assistance in searching Databases:** Yes

∗   **INFLIBNET/IUC facilities:** Yes

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

Library staffs maintain the books of the library, and help the staff to get the books when required.

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

No special facility is offered by the library to the visually challenged persons.

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

Yes, the library gets the feedback from its users. The feedback is placed in the meeting of the library committee where the feedback is analysed in details and what measures are to be taken to improve the library are also discussed in details in the library committee meeting and necessary steps taken thereafter.

4.3   IT Infrastructure

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

•   **Number of computers with Configuration (provide actual number with exact configuration of each available system)**

•   **Computer-student ratio**

- **Stand alone facility**

- **LAN facility**

- **Wi-fi facility**

- **Licensed software**

- **Number of nodes/ computers with Internet facility**

- **Any other**

Dept.	No of PC	PC to Student Ratio	Configurations	Lan Facility	Net facility	Wi-fi facility	Licenced S/W
Geography	12	1:3	Dual core processor, Intel original, (11 assembled, 01 branded), DDR3 2 GB RAM, 500 GB Hard disk	exists	available	exists	21st Century GIS S/W (professional version), anti virus
Computer Science	17	1:1	Core-$i3$ processor, Intel original, (3 assembled) DDR3 4 GB RAM (for 4 PC), remaining 2 GB RAM, 500 GB Hard disk	exists	available	Nil	Nil (except antivirus)
Mathematics	6		Dual core processor, Intel original, DDR3 4 GB RAM, 500 GB Hard disk (branded)	Nil	available	Nil	Nil
Physics	6			Nil	available	Nil	Nil (except antivirus)
Commerce	5			Nil	available	Nil	Nil
Chemistry	1			Nil	available	Nil	Nil
History	1		Dual core processor, Intel original, DDR3 4 GB RAM, 500 GB Hard disk(branded)	Nil	available	Nil	Nil
Political Science	1						
Philosophy	1			Nil	available	Nil	Nil
Physical Education	1			Nil	available	Nil	Nil
English	1		Dual core processor, Intel original, DDR3 4 GB RAM, 500 GB Hard disk	Nil	Nil	Nil	Nil
Bengali	1						

Stand alone facility: Reprography and Fax machine are available and accessed in centralized way

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

All the departments have on-campus net facility. Although dedicated to the faculties, the students are allowed to access internet for special purposes.

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

The institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities are as follows:

1. Annual maintenance and upgradation of around 50 computers
2. Regular computer cleaning
3. Seventeen internet connections already exist. There are plans for more internet connections.
4. Existing printer, scanner, fax facility
5. UGC XII plan claim for smart classrooms (enclosed)
6. Due to expansion of infrastructure, the demand of electricity is increasing. To meet such demands, a 50KW transformer is going to be installed from West Bengal State Electricity Board. Also, WEBREDA has been approached for installation of solar electricity infrastructure.
7. Plans for providing laptops to the conveners of all sub-committees as well as to each department

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)

Year	Computer Procurement	Maintenance	Data Entry	Total
2012-13	12, 97,490	71,107	7,500	13,76,097
2011-12	3,72,990	17,383	1,550	3,91,923
2010-11	1,13,764	31,688	300	1,45,752
2009-10	71,377	76,477	00	1,47,854

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?

Some faculty members use digital laboratories in different classrooms using power-point projection, if necessary (specially, dept. of Geography and Computer Science).

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

In our institution there is no provision for accessing on-line teaching-learning resources. We have no ICT enabled classroom or learning spaces.

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

The Institution does not avail of the National Knowledge Connectivity and it is not yet provided by the affiliating University

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)?

Budget Allocated on the following items of the last four years					
Sl No.	Items	2008-09	2009-10	2010-11	2011-12
a.	Building	1,00,000	2,00,000	2,20,000	2,20,000
b.	Furniture	35,000	10,000	30,000	1,50,000
c.	Equipment	30,000	50,000	37,000	3,00,000
d.	Computers	1,00,000	1,10,000	1,70,000	2,20,000
e.	Vehicles	Nil	Nil	Nil	Nil
f.	Any other	50,000	1,50,000	1,50,000	4,00,000

The institution tries to optimally allocate budgetary resources among different uses. An analysis of the budget and the amount spent for 2008-09 to 2011-12 reveals that approx. 51% of the budgetary allocations have been spent in the year 2008-09. The amount increased to 60% in 2009-10, 66% in 2010-11 and finally to 83% in 2011-12.

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

The Purchase and Building sub committee takes responsibility of maintenance and upkeep of the infrastructure facilities and equipments of the college. Members of this sub-committee keep vigil on the maintenance required. Further, the requisition given to the teacher-in-charge by the departmental heads is forwarded to this committee for scrutiny and measures to be adopted. The annual maintenance contract of instruments, computers are given to the suppliers for efficient after sales service. Pest control agencies are appointed to keep the building termite free.

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

Calibration precision measures for the equipments are carried out as and whenever it is necessary.

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

All precision instruments of our college have voltage stabilizers with them to overcome damage due to fluctuations. Water reservoir and pump takes care of the uninterrupted supply of water.

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?

Our College publishes its updated prospectus before admission each year. Following are the information provided:

a) The vision and mission of the college

b) Present position of faculty and non-teaching staff

c) Brief description of the curriculum like subject combination, fee, provision of laboratory work and field work etc.

d) Brief description of the departments and relevant photographs

e) Academic and Career-oriented benefits like, Basic Computer Handling Course, Spoken English Course, Coaching classes for competitive exam, Remedial coaching classes for regular courses, Academic Counselling by teachers, Psychological and confidence building counselling sessions, Job oriented counselling sessions including seminars and workshops etc.

f) Other facilities like Railway Concession, Canteen and Students' Cheap Store

g) NCC and NSS

h) Awards, prizes and scholarship

i) Central Library and Departmental Library

j) Discipline and general instructions

k) College Calendar for current Session and List of Holidays

l) Relevant excerpts from Calcutta University Regulations

Teacher-in-Charge monitors all the activities in the college with the help of Teachers' Council, Non-teaching Staff Association and Students' Union and obviously along with the guidance of the Governing Body. Different activities are organised and monitored by Academic sub-committee, Admission sub-committee, Purchase sub-committee, Sports sub-committee, Cultural sub-committee, Seminar sub-committee, Prize and Awards Committee, Cleaning Committee etc. Building Committee looks after Building plan and construction and Finance Committee supervise the overall budget of the college.

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

There are three types Institutional scholarships/ freeships disbursed to the students:

I. Scholarship based on merit-cum-means basis which consists of half-free and full-free
II. Students' Aid Fund for economically poor students for their benefit so that they may continue their studies (minimum of Rupees 200)
III. Annual Scholarships:

- Surabala Ghosh Prize: Rupees 1000/-
- Sri N. Bhattacharyya stipend: Two stipends for B.Sc. & B.A. Students
- Tarulata Smriti Scholarship: Rupees 500/-
- Jatindra Smriti Puraskar and Nilima Smriti Puraskar: Rupees 500/-
- Akrur Mohan Smriti Puraskar: Rupees 400/-
- Barendranath and Urmila Bhattacharya prize awarded to the best library user :Rs 500
- Usha Rani and Gour Netai Saha Smriti Puraskar awarded to commerce student with highest attendance: Rs 500

Year	Students' Concession (Rupees)	Students' Aid	Total
2012-13	51787	5530	57317
2011-12	82156	8020	90176
2010-11	75460	1800	77260
2009-10	70213	14724	84937

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

Kanyasree Prakalpa –a state Government venture in which unmarried female students below 18 years are given a stipend of Rupees 25,000. The college issues applications to the bonafide students who are interested and eligible. We have received and forwarded about one hundred and fifty (150) applications till January, 2014 to the B.D.O.

Apart from this, there are a number of student benefit schemes that are endorsed by the college:

- West Bengal Government Merit-cum-Means Scholarship – a scholarship value of about Rupees 10,000 handed over to students through the college

- West Bengal Post Matric Scholarship, West Bengal Post Matric Stipend, West Bengal Post Matric Talent stipend, all three are under the West Bengal Minority Development & Finance Corporation

5.1.4   What are the specific support services/facilities available for

- ✓ **Students from SC/ST, OBC and economically weaker sections**
- ✓ **Students with physical disabilities**
- ✓ **Overseas students**
- ✓ **Students to participate in various competitions/National and International**
- ✓ **Medical assistance to students: health centre, health insurance etc.**
- ✓ **Organizing coaching classes for competitive exams**
- ✓ **Skill development (spoken English, computer literacy, etc.,)**
- ✓ **Support for "slow learners"**
- ✓ **Exposures of students to other institution of higher learning/ corporate/business house etc.**
- ✓ **Publication of student magazines**

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

College distributes Govt. Scholarship form collected from B.D.O. office among the SC/ST/OBC and economically weaker students; forwards the said forms and disburse the grant by distributing the checks among the incumbents. In addition college arranges for Remedial Coaching classes and Entry-in-Service classes for those students with the help of UGC sponsorship.

Students with physical disabilities: Not found in last four years

Overseas students: N. A.

Students to participate in various competitions/National and International:

For the students who participate in various competitions like Athletics, Football, Yoga etc. College forwards their application form, arrange for staff support and bears tiffin expenses wherever necessary. If a student fails to appear for college examination for participation in such events college arranges for special examination for him/her later.

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

College has institutional membership of Students' Health Home, Govt. of West Bengal. For this membership every student can avail medical facilities in Govt. Hospitals with nominal expenditure.

Organizing coaching classes for competitive exams:

Teachers arrange for preparatory classes for Examination of School Service Commission in different subjects for students belonging to SC/ST/OBC/Minority non creamy layers by UGC sponsorship under the head of 'Entry in Service'.

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

Spoken English and Basic Computer Handling classes are arranged for students belonging to SC/ST/OBC/Minority non creamy layers by UGC sponsorship under the head of 'Entry in Service'.

Support for "slow learners":

Remedial coaching classes are arranged for the slow learners (belonging to SC/ST/OBC/Minority non creamy layers) by UGC sponsorship. For general students teachers organise tutorial classes.

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

Most of the Students who pass from the college with good result take admission in the Post Graduate Courses of Calcutta University. Private Management Institutions sometimes organize self introductory seminar and or workshop with the students. In addition, advertisements, brochures and leaflets of higher educational institutions are displayed on the college notice-board.

Publication of student magazines:

Each year Student Magazine is published by college with contributions from staff and students.

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

Two of our full time teachers have participated and successfully completed the Entrepreneurship Development Programmes under govt. Institutions. They have arranged several Entrepreneurial skill development and awareness programme for the students. Students actively participated in and enjoyed such programmes.

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

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

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

∗   **any other**

The arrangement of extra classes helps the students to make up the lacking due to participation in various extracurricular and co-curricular activities. Beside this if the students skip their examination in due date, arrangement of alternative examination dates are provided for the particular section of students. Tiffin is arranged in various intramural and extramural competitions and tournaments for the participants. Sports uniforms are given for team games and for eminent sports performer but sports equipments are provided all for practice within our limitations. During participation in camps and competitions students got their attendance at per the routine for those days. Successful sports persons are entitled for half and full free of their tuition fee from student aid fund if they have basic criterion for that.

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, Defense, Civil Services, etc.

The college does not provide any support or guidance to students regarding such competitive examinations as this is an undergraduate college and the minimum eligibility criteria for some of these examinations is at the post graduation level. However, for others, our faculty gives support and guidance to the students who want to appear in such competitive examinations.

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

After the college examinations and before the university examinations students are counselled, so that they can rectify their errors, miss-conceptions and achieve good marks in the final examination.

Sometimes present and ex-students, even their parents consult the teachers for advice about future career and other personal problems.

Few students suffer from nervous break-down before final exam. In that case teachers try to relieve their pressure.

Sometimes professional institutions organize career counselling sessions.

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).**

Yes, we do actively organise various career counselling sessions by professional bodies/ Institutes for the benefit of these students. The students are made aware of such counselling programmes through notices. A good response from the students has been observed over the years. The college actually provides a platform for student awareness for various programmes or courses and it also arranges for walk-in-interviews for various companies. However, information on the number of students who finally get recruited is often not passed down to the college.

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.**

Yes, the college does have a grievance redressal cell. Even though the College has got a tremendous potentiality and prominence to enhance its academic ambience, the grievances still loom largely on the dearth of infrastructure- paucity of classrooms and renovations primarily in the laboratories. Grievances come from the students' as well as from the faculty which the authority has to face with compassion and compatibility.

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

The college has a Women's cell, Gender Harassment Cell, Equal Opportunity Cell which act together to resolve issues (if any) pertaining to sexual harassment.

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?**

Anti-ragging Committee has formed under the guidance and instructions of UGC.

No instances have been reported during the last four years.

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

The students of B.A., B.Sc. & B.Com. Streams securing the First, Second and Third places will get full-free studentship on the basis of the result of the Part-I and Part-II examination. Besides, many poor and meritorious students have been getting free and half-free studentship throughout the year and in some special cases, financial help is extended at the time of Part-I, Part-II and Part-III Examination to the poor students from Students' Aid Fund. Recently the college has undertaken a drive to help the poor students by distributing text books from the above mentioned Fund. Also the Students who are admitted in each Honours class of B.A. and B.Sc. courses securing highest marks will get full free studentship and first three students taking admission in B.Com. Honours course will get full-free studentship. Sometimes teachers raise fund to help poor students, so that they can deposit requisite fees for final examination. The following table gives an account of the freeships awarded in the past two academic sessions :

	ADMITTED			FULL FREE			HALF FREE		
	B.A.	B.Sc.	B.Com.	B.A.	B.Sc.	B.Com.	B.A.	B.Sc.	B.Com.
2011-12									
1st	768	139	139	45	7	10	36	4	1
2nd	594	83	104	16	7	4	6	3	0
3rd	439	88	101	15	6	7	8	1	0
2012-13									
1st	982	169	147	25	9	8	21	3	8
2nd	586	75	112	21	9	3	5	0	0
3rd	491	87	78	14	6	3	9	1	2

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?

Our institution has a registered Alumni Association.

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.

Most of our students after completion of UG are on the lookout for various career options. Around 40% proceed for higher education.

Student progression	%
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Employed • Campus selection • Other than campus recruitment	

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.

Year	Bengali				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	63	51	00	12
	Part-II	52	50	01	01
	Part-III	49	48	01	00
2009-2010	Part-I	61	60	00	01
	Part-II	50	47	00	03
	Part-III	50	48	02	00
2010-2011	Part-I	63	56	07	00
	Part-II	63	59	04	00
	Part-III	50	46	03	01
2011-2012	Part-I	75	55	00	20
	Part-II	63	61	00	02
	Part-III	60	52	04	04
2012-2013	Part-I	65	60	05	00
	Part-II	65	62	02	01
	Part-III	54	53	01	00

Year	English*				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I				
	Part-II				
	Part-III				
2009-2010	Part-I	17	08	03	06
	Part-II	-	-	-	-
	Part-III	-	-	-	-
2010-2011	Part-I	16	13	01	02
	Part-II	07	02	05	00
	Part-III	00	00	00	00
2011-2012	Part-I	15	04	11	00
	Part-II	05	05	00	00
	Part-III	02	02	00	00
2012-2013	Part-I	20	05	15	00
	Part-II	18	09	09	00
	Part-III	04	04	00	00

*Note: The academic year started from 2009 onwards

Year	Commerce				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	57	57	00	00
	Part-II	66	58	05	03
	Part-III	60	60	00	00
2009-2010	Part-I	62	55	07	00
	Part-II	51	51	00	00
	Part-III	60	48	10	02
2010-2011	Part-I	57	45	05	07
	Part-II	57	43	05	09

	Part-III	48	41	07	00
2011-2012	Part-I	65	42	01	22
	Part-II	50	49	00	01
	Part-III	49	43	00	06
2012-2013	Part-I	82	42	00	40
	Part-II	87	23	01	63
	Part-III	27	23	04	00

Year	Computer Science				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	30	24	05	01
	Part-II	03	03	00	00
	Part-III	-	-	-	-
2009-2010	Part-I	17	12	01	04
	Part-II	24	23	00	01
	Part-III	03	03	00	00
2010-2011	Part-I	15	05	10	00
	Part-II	10	08	02	00
	Part-III	22	22	00	00
2011-2012	Part-I	15	15	00	00
	Part-II	06	06	00	00
	Part-III	08	08	00	00
2012-2013	Part-I	08	01	01	06
	Part-II	01	01	00	00
	Part-III	14	12	02	00

Year	Economics				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	03	01	02	00
	Part-II	04	03	01	00
	Part-III	01	00	01	00
2009-2010	Part-I	02	00	00	02
	Part-II	Nil	00	00	00
	Part-III	02	02	00	00
2010-2011	Part-I	02	01	01	00
	Part-II	00	00	00	00
	Part-III	02	00	02	00
2011-2012	Part-I	03	02	01	00
	Part-II	01	01	00	00
	Part-III	00	00	00	00
2012-2013	Part-I	00	00	00	00
	Part-II	01	01	00	00
	Part-III	01	01	00	00

Year	Geography				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	57	57	00	00
	Part-II	66	58	05	03
	Part-III	60	60	00	00
2009-2010	Part-I	31	28	00	03
	Part-II	26	26	00	00
	Part-III	28	28	-	-
2010-2011	Part-I	28	24	00	04
	Part-II	29	28	00	01
	Part-III	28	26	00	02

Year		Appeared	QH	QG	Failed
2011-2012	Part-I	31	30	01	00
	Part-II	24	22	02	00
	Part-III	24	24	00	00
2012-2013	Part-I	34	25	03	06
	Part-II	32	30	02	00
	Part-III	20	20	00	00

Year	History				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	56	52	04	00
	Part-II	39	36	03	00
	Part-III	31	30	01	00
2009-2010	Part-I	41	41	00	00
	Part-II	48	47	01	00
	Part-III	27	27	00	00
2010-2011	Part-I	45	22	20	03
	Part-II	41	35	06	00
	Part-III	48	43	04	*
2011-2012	Part-I	53	50	00	03
	Part-II	44	34	00	10
	Part-III	34	31	00	03
2012-2013	Part-I	48	41	01	06
	Part-II	46	42	01	03
	Part-III	30	29	00	01

Year	Mathematics				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	52	34	14	04
	Part-II	48	18	17	13
	Part-III	17	10	03	04
2009-2010	Part-I	44	26	14	04
	Part-II	17	10	05	02
	Part-III	23	20	00	03
2010-2011	Part-I	45	22	07	16
	Part-II	30	15	09	06
	Part-III	18	12	03	03
2011-2012	Part-I	43	26	01	16
	Part-II	20	11	04	05
	Part-III	16	15	00	01
2012-2013	Part-I	25	11	05	09
	Part-II	15	11	02	02
	Part-III	18	07	06	05

Year	Philosophy				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	39	19	13	07
	Part-II	31	31	00	00
	Part-III	29	18	00	11
2009-2010	Part-I	50	35	04	11
	Part-II	35	15	05	15
	Part-III	23	23	00	00
2010-2011	Part-I	42	17	24	01

	Part-II	16	16	00	00
	Part-III	15	12	03	00
2011-2012	Part-I	56	41	05	10
	Part-II	22	21	01	00
	Part-III	13	11	02	00
2012-2013	Part-I	46	29	06	11
	Part-II	37	17	08	12
	Part-III	17	14	01	02

Year	Physics				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	16	06	02	08
	Part-II	10	06	00	04
	Part-III	07	05	00	02
2009-2010	Part-I	20	03	02	03
	Part-II	07	07	00	00
	Part-III	07	06	01	00
2010-2011	Part-I	24	11	01	04
	Part-II	04	00	02	02
	Part-III	08	04	03	01
2011-2012	Part-I	18	05	07	06
	Part-II	12	11	01	00
	Part-III	04	02	01	01
2012-2013	Part-I	23	12	03	08
	Part-II	12	03	05	04
	Part-III	06	03	03	00

Year	Political Science				
	C.U Exam	Appeared	QH	QG	Failed
2008-2009	Part-I	29	26	03	00
	Part-II	22	19	03	00
	Part-III	19	18	01	00
2009-2010	Part-I	31	29	02	00
	Part-II	20	16	02	02
	Part-III	19	18	01	00
2010-2011	Part-I	25	19	04	02
	Part-II	32	30	02	00
	Part-III	17	16	01	00
2011-2012	Part-I	27	19	07	01
	Part-II	17	14	03	00
	Part-III	29	26	03	00
2012-2013	Part-I	16	15	01	00
	Part-II	21	14	07	00
	Part-III	30	22	06	02

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

The Institution hosts several career counselling sessions from outside agencies as mentioned earlier. Apart from this, our faculty members facilitate the students towards higher studies through psychological and career counselling.

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

The following are the steps taken to provide special support to students who are at risk of failure and drop out:

- Financial assistance from Faculty for students who are unable to continue studies due to paucity of funds
- Tutorial/ remedial classes for first generation learners

- Counselling to help students who are psychologically affected
- Regular health camps, awareness sessions and provision of safe drinking water for students with poor health

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.

SPORTS SCHEDULE:

1) College Sports Committee decides the dates for Inter Class Competitions.
2) Inter college competitions are held as per calendar published by Sports Board, C.U.
3) College Athletic Meet generally held around February-March every year.

CULTURAL PROGRAMME SCHEDULE:

1. Nabin Baran Utsab will be held at the commencement of the new academic session.
2. Intra-College Cultural Programmes are usually held in 1st week of December.
3. Annual Social Function is held in 3rd week of December.

OTHER SCHEDULE:

(1) Student's Union Election is usually held on 22rd/23th December
(2) Blood Donation Camps are held twice a year.

N. B.: 1. In the recess period usually Classes are not held; but Examinations and other activities (like N.S.S. etc.) are held.

2.   3rd year classes for part-III Examination, are held within 15 days from the completion of part-II Examination.

3.   Library remains open for the students on all days excepting on Sundays and holidays. Programme Schedule is subject to change if situation so demands.

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.

EVENT	VENUE	COMPETITION	STUDENTS NAME/ CLASS/YEAR	RANK
Yoga	Srilanka	International Yoga Championship'12-'13	Tania Nag	Gold – 1 Silver – 1 Bronze – 1
Yoga	Kolkata	National Yoga Championship'12-13	Tania Nag	Champion
Judo	Chandigarh, Punjab University	Inter University Competition'12-13	Mohanta Das	4th
Judo	Guru Nanak Dev University	All India Inter University'13-14	Debasmita Das	Final round participant
Hand ball	Manipur University Kashi Mahavidyalaya, Varanasi Rajasthan University, Jaipur	Eastern Zone Inter University'12-13 Eastern Zone Inter University'13-14 All India Inter University'13-14	Debjani Patra	4th 4th Participation
Hand ball	Kashi Mahavidyalaya, Varanasi Rajasthan University, Jaipur	Eastern Zone13-14 All India Inter University'13-14	Suvra Ranjit	4th participation
Hand ball	Kolkata Manipur University Kashi Mahavidyalaya, Varanasi Rajasthan University, Jaipur	Bengal Olympic Eastern Zone Inter University'12-13 Eastern Zone Inter University'13-14 All India Inter University'13-14	Arpana Das	Champion 4th 4th Participation

Power Lifting (55 Kg category)	Jaipur, Rajasthan University	Inter University Competition	Rakesh Dolui	5th
Athletics	Yuba Bharati Krirangan	Non Govt College State Meet	Somnath Paul	1st & 2nd in 100m & 200m run in District
			Partha sarathi Das	2nd in Javelin in District
			Arpana Kumar	2nd in Javelin in District
	Belur Vidyamandir	District meet	Jamuna Mandi	3rd in Shot put

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?

No, at present no such feedback is being taken. However we expect our Alumni Association to come forward and address this issue.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

The College publishes a magazine named "Balaka" which is published every year since 1970 by the Students' Union. Generally this is published on the day of the Annual Social held just before the winter vacation in this magazine, students are encouraged to submit literary compositions, write ups as well as illustrations which are then edited by our faculty. By this process, students are motivated to sharpen their writing skills. The faculty members of each department encourage the students to publish wall magazines and contribute writings in the college magazine.

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

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

The college does have a Students' Union.

Selection procedure: The selection of the Students' Union is held once in an academic year, generally in January under the direct supervision of the Election Board. The Election procedure is followed as per the provisions and procedures laid down in the constitution of the Students' Union. The Election Board consists of the following members:

a) 3-members of the Teaching Staff elected by the Teachers Council

b) One representative of the non-teaching staff elected by the non-teaching council

c) The Principal/ Teacher-in-charge is the ex-officio chairman of the Election Board

The winning candidates form a Student Council. The office-bearers are:

a) One General Secretary

b) One Assistant General Secretary

c) Two members for common rooms (Boys' and Girls')

d) One member for sports and athletics

e) One member for social service

f) One member for cultural activities, seminar, debates etc.

g) One member for magazine

h) One member for canteen and cheap store

Principal/ Teacher-in-charge, Prabhu Jagatbandhu College shall be the Ex-officio President of the Students' Union.

Vice-President will be elected every year from the teaching staff.

The President shall preside over all the meetings of the council and give necessary guidance and advice to the council.

Contribution:

The aims and objectives of the Union are :

a) To promote and foster the material, moral and academic advancement of the students

b) To enable the students to participate in and organise the extra-curricular activities inside and outside the college

Activities:

With the permission of the President of the Union the students can participate in the relief and social service work.

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

Following are the various academic and administrative bodies that have student representatives on them:

a) Academic sub-committee

b) Admission sub committee

c) Cultural sub committee

d) Magazine sub committee

e) Library sub committee

f) Seminar sub committee

g) Sports sub committee

h) NCC and NSS Units

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

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

Alumni Association of the college was established in December, 2002. It has organized its A.G.M. in the college in the last two years. Every member present in the meeting has expressed his willingness to help the authority in the development of the college. The association proposed to set up a Statue of Prabhu Jagatbandhu in the college premises during the current session. Smt. Aparna Ghosh an alumnus of the college, who is presently the Head of the Department of Philosophy in Abhedananda Mahabidyalaya, Sainthia, Birbhum has donated Rupees 5,000/- to this association.

Regular Students' meet are organized by the Alumni Association to highlight on the significance of the Alumni Association, the sentiments attached herewith, and its contribution for the college. Thus students were motivated to join the Association in large number and thereby make the Association a highly enriched one.

Alumni and former faculty of the Institution are invited in various cultural programmes and seminars in the college. Some retired teachers provide their service to the college as guest lecturers. In addition college authority seeks their advice through annual meeting with them.

Women's Health oriented seminar and health camp was organized in 2013 by the Women's Cell of the college.

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.?

Motto of the college is to spread light of education in the rural and backward hinterland and to empower the under-privileged..

The college has a mission statement and goals for preparing good quality human resource which can serve its motherland and lead India towards its goals of sustained development.

The college is committed to generate the following moral values among the young minds of its students, such as-

a. feeling of National Integration

b. Value of higher education

c. Concern about various emerging global, national and regional contexts

d. Respect to social justice

e. Respect to social values

The college aims at an integrated and personalized education of the youth so as to produce intellectually competent, morally upright, socially committed, spiritually inspired and nationally dedicated men and women in the service of India, today and tomorrow.

Further the college is committed to prepare its young cadets in such a way, so that they can fight for education, enlightenment and empowering of the lesser privileged social groups such as the tribal, backward classes, minorities, women and other vulnerable sections of the society.

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

- Our College is a government-aided academic institution governed by Governing Body consisting of President, Secretary, Government Nominee, University Nominee, Sabhapati-Pachayet Samity, 2 Donor members, four

teachers' representatives, two non-teaching representatives, General Secretary of Students' Union. Our Governing body headed by a very active and positive minded President is concerned about every corner of the college.

- All decisions regarding the efficient management of the college are made by the Governing Body and are executed by the Secretary, Governing Body (Principal/Teacher-in Charge).

- The top management looks upon the overall academic environment of the college, so that:
  1) Both faculty and students become responsible to each other
  2) Teachers generate love for learning, habits of critical thought

Efficient and effective leadership is carried out through de-centralization in the form of setting up of various policy making bodies such as i) Academic Committee ii) Finance Committee iii) Purchase Committee iv) IQAC v) Cultural Committee vi) Magazine Committee vii) Library Committee viii) Sports Committee ix) Admission Committee x) Anti-Ragging Committee xi) Career Counselling and Entry in Service Cell and xii) Grievance Redressal Cell etc. These committees are comprised of faculty members, who meet periodically and review the matters concerning their activities.

The existence of such consultative platforms and the active participation of the staff assist the principal in carrying out the duties of the head of the institution.

The Teacher-in-Charge is both the academic as well as the administrative head and also the drawing and disbursing officer of the institution. She provides valuable guidance in planning, organising and execution of all academic activities. She maintains a cordial relationship with the staff and all the stakeholders of higher education. She is responsible for admission of students, finance, conduct of various committee meetings, students' welfare, discipline and all regular activities of the college.

The Teacher-in-Charge is assisted by three Governing Body authorized Signatories, Secretary of the Finance Committee, Teacher's Council Secretary, Non-teaching Secretary and the Head Clerk and Accountant in taking administrative, academic and financial decisions.

6.1.3   What is the involvement of the leadership in ensuring :

• **the policy statements and action plans for fulfillment of the stated mission**

• **formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

• **Interaction with stakeholders**

- **Proper support for policy and planning   through need analysis, research inputs and consultations with the stakeholders**

- **Reinforcing the culture of excellence**

- **Champion organizational change**

  - The faculty members are involved in decision-making by serving as conveners, coordinators and members in various academic and administrative committees

  - The college has a Teachers' Council with the Teacher-in-charge as its President. All permanent faculty members are ex-officio members of this body, which is statutory in nature. The Secretary is the elected representative of the faculty. The Teachers' Council deliberates on various academic and administrative matters related to the college. Four permanent faculty members are nominated by the Teachers' Council as teacher representatives in the college Governing Body

  - Faculty members are also nominated to IQAC.

  - The Teacher-in-charge conducts meetings with the various committees and departments on a periodic basis to monitor the development of the college.

  - Non-teaching staff are also involved in various other committees such as the Academic Committee, the Finance Committee, the Purchase Committee, the Cultural Committee, the Magazine Committee, the Library Committee, the Sports Committee, the Admission Committee etc.

  - General Secretary of the Students' Union is also the member of the above mentioned platforms. He actively participates in the management decisions and put up the problems, views and expectations of the students before management.

  - During the celebration of days of national and religious importance, college day and other cultural events the various committees such as Cultural

Committee, Seminar Committee, Women's Cell, NSS/NCC Units etc., are entrusted with conducting the events successfully.

- Admission Committee of the college along with the strong support of the Governing Body and Students' Union and also with the heartfelt effort of the staff has success fully conducted on-line admission form the year 2011 onwards. From 2012 the full student data base has been incorporated in the college running software. From 2013 scanned photograph of every student has been successfully incorporated in the said software and with this data base college has been successful to submit fully digitized documents to the parent University (University of Calcutta) for the registration of the students. Now the college is planning to incorporate the said data base to the library software.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The monitoring mechanism for evaluating policies and plans is synchronized through the participation of the staff as members of various committees.

The individual departments are monitored by the respective HODs.

The administrative offices are monitored by the Teacher-in-charge with the assistance of Head clerk and Cashier.

The Teacher-in-charge takes the final decision on all the matters related to the college.

Due to the effective coordination of the various committees the college is able to conduct successfully various functions.

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

Four teacher-representatives for the Governing Body, Three GB authorized signatories are selected from the Teaching faculty.

Four teacher-representatives put the views of the Teachers' Council in the smooth running of the academic affairs of the college with the help and guidance of the Teachers' Council Secretary, who is selected by the faculty members in democratic manner.

The Governing Body-authorized Signatories assist the Teacher-in-Charge in various administrative affairs and takes care of the discipline of the campus.

A comprehensive Academic Committee has been formed with representatives of every department, who look after the college examination and evaluation procedures and the overall performance of the students. Academic Committee also cares for minimizing the dropout rates.

6.1.6 How does the college groom leadership at various levels?

Authority engages all staff of the College in different subcommittees looking after different affairs like academic, administrations, cultural, social, infrastructural etc. to take decisions and execution of the same for smooth running of the college.

Head clerk gives the leadership to all official work

Students are groomed towards leadership by the process of democratically elected students' Union which consists of the following members :

a. General Secretary who is the member of Governing Body and all the sub committees

b. Assistant General Secretary assists GS in all respect

c. Nine office bearers look after several aspects like discipline, cleanliness, canteen, common room, magazine, excursion, sports, cultural programmes etc.

d. In addition students are assigned several duties in time of Field tours, survey works, health camps, seminars, awareness camps, career counseling programmes etc.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The college delegates authority and provides operational autonomy to the departments / academic units by following ways

1. College encourages participatory approach of its various departments / academic units.
2. Departments can put their independent views in the context of recruitment procedure of guest lecturer,
3. Departments are free to put their requisition of books, journals, equipments and other contingencies

4. Departments are consulted in time of allocation of funds, computerization of department's offices, laboratories and providing internet facility for the staff and students in the department

5. Advices of the departments are sought for automation of library or development of smart classrooms.

6. Departments are given freedom to conduct cultural functions, exhibitions, debates, Poster presentation etc.

Towards ensuring a decentralizing governance system the Teacher-in-charge and three Governing Body authorized Signatories are available during office hours to meet with parents, staff members and students on all working days.

One of the signatories has been empowered to look after the leave accounts, promotion papers and retirement papers of the staff.

The Head Clerk is responsible for catering to the day-to-day needs of the departments and students.

The dedicated and committed faculty members and the non-teaching staff contribute much to the effective governance by working hard to maintain strict discipline in the college.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

- Yes, the college endorses a culture of participative management by incorporating members of each segment in the parent decision-making body (Governing Body) and in the implementing body (subcommittees).
- By involving each employee in the subcommittees, it inculcates democratization and decentralization of management.

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, the college has a formally stated quality policy inferring to its progression. The policies are discussed and reviewed in the management meetings and also with the Staff Council as and when required. Implementation of the plans depends upon various factors such as the financial position, state laws, university statutes, etc.

Policies are executed by the Teacher-in-Charge with the help of office, staff council and students' Union. Also the IQAC monitors the proper functioning and maintains quality assurance of the Institution.

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

The management and staff strive continuously to convert this college into one of the leading institutions of higher education.

The college, by further enhancing the quality of education, research and maintaining high standard, wants to be rated as one of the best colleges in the district.

In order to develop e-learning materials the college has commissioned its own server along with a back-up server.

More classrooms and laboratories will be provided to the departments.

Involvement of parents, students and other stakeholders in all areas of development will be encouraged more.

Construction of Central Library with e-library facilities is on the cards.

The college also wants to open new courses at UG level like Honours in Chemistry, Sanskrit and Education General.

6.2.3 Describe the internal organizational structure and decision making processes.

The institution functions based on various agendas set. Each agenda is worked upon and propagated with the help of various committees like the academic Committee, the Finance Committee, The Purchase Committee, IQAC, the Cultural Committee, Magazine Committee, The Library Committee, the Sports Committee, Admission Committee, Anti-Ragging Committee, Career Counseling and Entry in Service Cell and Grievance Redressal Cell etc. These committees meet often, discuss the related issues and take appropriate decision with respect to the requirement.

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

- **Teaching & Learning**

- **Research & Development**

- **Community engagement**

- **Human resource management**

- **Industry interaction**

<u>Teaching & Learning</u>

- In addition to conventional talk and chalk-board method, LCDs and OHPs are used in teaching.
- ICT has been introduced.
- Basic Computer handling course is now offered as a subsidiary subject to all SC/ST/Minority/OBC (non-creamy layer students irrespective of stream under UGC sponsorship.
- Classroom sessions are interactive in nature.
- Project/ assignment based learning and student seminars are promoted.
- Internet facility has been made available to all the faculty and students.
- Extra classes can be arranged by the faculty for the students who are lagging behind.
- Answer scripts of Mid-term exams are shown to the students.

<u>Research & Development</u>

To promote research the following initiatives have been taken by the college:

1. Staff members are motivated to take up UGC Research Projects (Major and Minor) and publish research articles.
2. All departments have been equipped with computer and internet facility.
3. All faculty members have been provided with unique user id and password of INFLIBNET.
4. Grants are provided to each department for subscription of research journals.
5. Encouragement is given to faculty members to attend international/national conferences/symposia/seminars.
6. Project work is mandatory in some subjects which helps to inculcate research aptitude among the students.
7. Faculties are given complete freedom to engage in consultancy and extension work for their research. Some teachers have their established linkages with Indian and foreign research institutes and universities.
8. The equipments and consumables are purchased frequently to strengthen research activities.

9. The library is also well equipped with required titles and several volumes of text books, e-journals, computer hardware and software for conducive learning.

Community engagement

The institution actively participates in NSS and NCC. Frequently, NSS camps are arranged for promoting community service. Every year NCC day is celebrated and the best cadet is identified and awarded due recognition. Apart from this, the institution conducts blood donation camp every year.

Human resource management

The institute takes care of its human resources. Employees are given utmost importance and their needs are recognized well. The service rules are made transparent and they are benefited with PF, Gratuity, GSLI etc.

The faculty and staff are entitled with other benefits like Casual Leave, Earned Leave, Medical Leave, Study Leave etc. Pay slips are given to the staff every month and the salary is credited to the salary account of the employees on the last working day of every month.

Every time equipment is purchased and installed, software is purchased and installed, the department arranges for a demo session by the supplier.

The institute encourages quality improvement programmes and deputes faculty on leave for higher education. Their progress is monitored and based on their achievements incentives are paid, accounted during their appraisal based on which promotions are implemented.

Industry interaction

There is no such scope for direct Industrial interaction. However, the students of Commerce Department on account of project work in their curriculum are exposed to some amount of Industrial 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?

- During the meetings of the subcommittees, e.g., academic, admission, finance, purchase, seminar, library, sports, cultural the conveners and other representatives raise issues relating to various programmes of the college and furnish feedback of the concerned matters to the authority.

- The Teacher-in-charge, the Secretary of the Governing Body, shares the raised issues in the meetings of the Governing Body with the members therein and thereby conveys the information to the top management.

- Further, the discussion and resolution made in the meetings of Teachers' Council, Non-teaching Council and in the joint meetings of teachers and non-teaching staff are represented by the four teacher representatives and two non-teaching representative in the Governing Body.

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

The management encourages and supports involvement of the staff in improving the effectiveness and efficiency of the institutional processes with due recognition.

To improve the teaching learning process and to provide a better transfer of knowledge SMART class rooms will be provided for each department. Now institute has one SMART class room and the next few years all class rooms will be converted into SMART class.

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

I. GB recognizes hard work and to motivate all others to perform better

II. GB encourages the opening up of new courses like Education and Sanskrit general courses – both subjects have been sanctioned by University inspection team

III. GB encourages faculty development programmes by granting study leave

IV. GB had claimed a grant to DPI (other than building) - Rupees 10 lakh was sanctioned in December, 2013. Utilisation of the fund is in progress.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

The affiliating university has not yet made a provision for according the status of autonomy to this institution

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?

As and when the Grievance Redressal Cell receives complaint, the members make an effort to review and redress the problems. The complaint details are filed separately and kept confidential with the chairperson of the committee.

The sustained effort on the part of the college authority within its limited resources on the one hand and a sincere urge to solve various grievances on the other may hopefully go a long way to elevate this reputed institution to a far-reaching academic height .

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?

None

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?

Yes, the institution collects feedback from the students on the continuous basis. Every year students evaluate their subject teachers using the specified questionnaire. The institution has also a complaint redressal cell where the grievances from the students end are received seriously and redressed as and when required.

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 authority of this institution provides support and encouragement to the teaching and non teaching staff in enhancing their professional development by following ways:

- Sanctioning leave to teachers for attending Orientation Programme and Refresher Course organised by Academic Staff Colleges of the Universities
- Offering study leave to pursue research activities for attaining doctoral and post-doctoral award

- Inspiring the teachers in submitting research projects to UGC and other concerned body
- Providing permission to participate in seminars, conferences, workshops organized by other colleges, universities of India as well as of abroad
- Encouraging the teaching faculty to organize seminars, workshops, lectures within the college
- Allowing the non-teaching staff for attending courses related to administrative and technical activities
- Facilitating the entire staff of the college with ICT infrastructure to enrich the faculty with modern know-how in their fields which ultimately leads to smooth running of the college.

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?

- Two of our teachers have been offered approval by the authority to acquire training in Entrepreneur Development Programme organized by Entrepreneur Development Institute. Afterwards those teachers have been empowered to arrange for further training of the students in developing entrepreneurship in various fields.

- Further, involving the teaching and non-teaching staff in various subcommittees and also in the Governing Body, the authority empowers them for performing various responsibilities for smooth running of the college. Such subcommittees are namely Academic subcommittee, Finance subcommittee, Admission subcommittee, Library subcommittee, Sports subcommittee etc., through which the members of the concerned body execute their duties.

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.

- Teaching faculty maintain a proforma for self-appraisal

- With respect to career advancement of the teaching faculty, experts from Calcutta University and nominee from DPI, Govt. of West Bengal are invited by the authority of the college to evaluate performances of the concerned teachers.

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?

No formal process of performance appraisal is undertaken by the management. However, the authority encourages the teaching staff to maintain a self appraisal.

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?

This college provides a scope to the teaching and non-teaching staff to be associated with welfare scheme coined as '**Benefit Fund**' which provides loan to members from accumulated shares of respective persons in case of urgent necessities. However, this has not yet been formalized.

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

- Since our college is not an autonomous institution, it is quite difficult to undertake measures to attract and retain eminent faculty.

- However, it has already engaged Ex-teachers (retired from this institution) in the department of Bengali, Mathematics and Botany (as guest faculty) who, with their laudable teaching and administrative experiences, render their valuable services to this institution. It is their love for this college that helps to promote the academic as well administrative atmosphere of the college.

- Moreover, our institution has special attention to invite eminent persons from different academic arena for special lectures, seminars and workshops.

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?

Our college undergoes through a well-defined mechanism for the effective and efficient use of financial resources the college.

- The Governing Body, the Finance Committee and the Purchase Committee monitor the use of financial resources.

- The Finance Committee recommends the available fund for any purchases

- The Governing Body approves the recommendation.

- The Purchase Committee purchases through tenders.

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.

o   The institution follows a rigorous internal and external audit system. The internal audit is done by the accounts department under the supervision of Government Approved Signatories and Principal/Teacher-in-charge. The external audit is made by an auditor empanelled by DPI, Government of West Bengal.

o   The last audit was done in December, 2013.

o   Major objections:

  a) No regular physical verification of fixed assets.

  b) Library register has not been maintained up-to-date and was incomplete.

  c) Physical verification of library books has not been done

  d) Irregular signature of cash book by TIC

  e) Grant for Women's hostel has not been utilized

o   Compliances:

- Not being possible due to Shortage of staff

- For the time being it was happened due to retirement of Librarian

- College takes major steps in this regard, but a poor staff strength is the main obstacle in the library

- This has been done due to frequent change of the T-I-C but now this instruction is being followed.

- Then a major administrative problem has been occurred due to retirement of Principal, so grant is returned to UGC.

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/funding are fees collected from students and grant from DPI and UGC and lease rent from N. C. Pal & Co.

- Deficit is now under control.

- Audit Report (enclosed)

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

- Efforts have been made to collect fund from Ambuja Cement Co, Indian Oil Company etc.

- A. UGC XIth Plan (other than Building)

  1. Books and Journals

  2. Equipment

  3. Additional Grant (Equipment)

  4. Merged Scheme (SC/ST/OBC Non-Creamy Layer/Minority)

  5. Remedial Classes (Recurring/Non-recurring)

  6. Entry in Service classes (Recurring/Non-recurring)

     Full utilization submitted in December, 2012

- B. UGC XIIth Plan

  Claim submitted (Both Building other than Building)

- C. DPI Grant (other than Building)

  Rupees 10 lakh has been granted

  Rupees 2 lakh for furniture

  Rupees 2 lakh for books

  Rupees 6 lakh for equipments.

- D. DPI Building Grant – Claim submitted in October, 2013

- E. Application submitted to

  1. MPLAD Scheme- Rupees 10 lakh for Building repair

  2. MPLAD Scheme- Rupees 5 lakh for water pump repair and water harvesting

  3. Ambuja Foundation-- Rupees 5 lakh for renovation of library

  4. Irrigation and Waterways Directorate- Cementing of bank of River Saraswati

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?

b.   How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

c.   Does the IQAC have external members on its committee?

If so, mention any significant contribution made by them.

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

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

a) Yes the institute has formulated the IQAC Cell as per the guidelines of the appropriate authorities as the details below.

Primary Goals

1. To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institution

2. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

b) Since the committee has been constituted there have been several meetings on the following dates:

Serial Number	Date of Meeting	Resolutions taken	Remarks
1	06/08/2013	Delegation of duties for preparation of evaluative reports	Approved by the Authority
2	09/04/2013	All Departments are requested to maintain the departmental records with respect to module, teaching plan and departmental meetings	Approved by the Authority
3	19/02/2013	Collection of feedback from students on teaching, infrastructure and office.	Approved by the Authority

Resolutions, minutes and suggestions were presented to the GB by the TIC and after thorough review steps have been taken to implement them.

c) Yes, the external Governing Body members are the ex-officio members of IQAC

The IQAC has the following functions

☐ Development and application of quality benchmarks/parameters for the various academic and administrative activities of the college

☐ Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;

☐ Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes;

☐ Dissemination of information on the various quality parameters of higher education;

☐ Documentation of the various programmes/activities of the college, leading to quality improvement;

☐ Acting as a nodal agency of the college for coordinating quality-related activities, including adoption and dissemination of good practices;

d) The feedback obtained from students and alumni contribute to the inputs for IQAC discussions.

The secretary of alumni association keeps contact with the members of alumni association and arranges meeting with them to discuss various problems of the college. They are in contact with the college and assist whenever necessary.

e) The function of the IQAC Cell is participative in nature and includes senior faculty members from all departments of the institute as mentioned.

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.

- Yes, our institution undertakes an integrated framework for quality assurance of the academic and administrative activities quite successfully.

- The commencement of online admission procedure integrates with the entry of students' name in attendance register, the university registration of students, the access to college library, the cash entry system and finally the filling up of forms for University Examination.

- By entrusting different administrative responsibility to the teachers along with their academic duties, the Teacher-in-charge attempts to pledge the quality improvement of the college.

- An integrated effort by the teacher-in-charge, teaching and non-teaching staff in admission, routine, library work, registration, examination, students' election, purchase, sports, cultural and extension activities of the college is persistent throughout the year for the overall advancement of the college.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

- The college does not conduct any formal training to its staff for effective implementation of the Quality assurance procedures. Skill development of staff has been enhanced by working with computers (which have been sufficiently provided to all departments and all segments of office). Further, the authority provides permission to the teachers to attend refresher and orientation courses organized by the Academic Staff College of the universities.

- Similarly, the Administrative Staff College of Calcutta University provides administrative training to the non-teaching staff which they are allowed to avail of by the college authority.

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 our college, there is no provision for academic audit as such.

- However, the college administration with the assistance of the IQAC and the Academic subcommittee monitors and reviews the functioning of each department. The Teacher-in-charge and the Coordinator, IQAC meet the departments to solve out various problems therein.

- The IQAC and the Academic subcommittee retain the records of total intake of students (gender-wise and caste-wise), drop-out rate and success rate.

- In some cases, the records of students pursuing higher studies are also preserved.

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

The institute uses the evaluation methods in lines with the suggestions of the accrediting houses. The internal quality mechanisms are measures are fully aligned with the requirement of NAAC. In future it is also planned to align mechanism and measure in alignment to the requirement of other accrediting agencies.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The mechanisms undertaken by the institution to review teaching-learning process continuously are as follows:

- The college has structured Academic subcommittee to review teaching-learning process.

- Methodologies:

  1. The Academic subcommittee, aiming at an efficient teaching-learning process, reviews students' attendance in classes on regular basis;

  2. It requests the authority to inform students intermittently relating to regular attendance in the classes;

  3. The said committee analyses the reasons for drop out of students;

4. It investigates subject-wise results of different classes and focuses on the case-specific weaknesses.

- Outcome:

1. Tutorial classes are arranged for all students;

2. Remedial classes are organized for students belonging to SC/ST/OBC/Minority section;

3. Meetings of parent-teachers are conducted to inform the parents about their children's progress and class attendance;

4. The serious issues relating to those who are physically unfit and financial problems are taken care of either by a core committee or referred to the Governing Body.

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

Intimation of quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders are done by the following processes:

- The teaching and non-teaching faculty, the two wings of internal stakeholders are made aware of quality assurance policies, mechanisms and outcomes through meetings of Governing Body, of teachers' council, of non-teaching council, of subcommittees;

- The students, the third wing of the internal stakeholders, are informed through meetings (where there is Students' Representatives) and through walling up and circulation of notices of the authority.

- The External Stakeholders, including the retired staff, the alumni, the guardians and the local populace are communicated about the various quality assurance policies and outcomes through notices at college gate, college website, and local news channel and also by personal contact.

The institute publishes magazines, prospectus and newsletter annually. These are circulated to the students and well-wishers. These publications provide the latest updates on the happenings on the institute. Moreover the happenings related to academic matters are placed in the institute's website www.prabhujagatbandhucollege.org.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1   Environment Consciousness

7.1.1   Does the Institute conduct a Green Audit of its campus and facilities?

Although no Green Audit has yet been conducted, the Institute endeavors to maintain a Green and eco-friendly environment. The authority makes sure that unnecessary power consumption is minimized. The waste from the laboratories is properly disposed maintaining rules and regulations. We have marked plastic free zones in and around the college campus. The NSS unit constantly maintains a green environment and has worked hard to cultivate a garden in the area marking the college boundary where earlier waste was disposed from the neighbourhood, Not only this, a cleanliness drive is taken by the college students under the able guidance of the faculty to maintain a clean and dust free environment. Planting of trees around the college playground was another step towards eco-friendly and green environment.

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

∗   **Energy conservation**

College authority has planned to replace traditional light and fan fittings with modern energy efficient fittings step by step as per guidance of WEBREDA.

∗   **Use of renewable energy**

College Authority has communicated with WEBREDA for installation of grid connected solar electricity system

∗   **Water harvesting**

College Authority has planned to build a new green building in which at least 70 to 80 thousand liter rainwater could be harvested from the roof of the building itself for use in toilets all the year round. For this the College authority has communicated with Institute of Environmental Studies and Wetland Management, Govt. of West Bengal.

∗   **Check dam construction:** Nil

∗   **Efforts for Carbon neutrality:** Nil

∗   **Plantation**

Planting trees and beautification is a regular feature in our NSS program schedule

∗ **Hazardous waste management**

Hazardous waste management procedures are followed in disposing of hazardous waste that is generated in the laboratory in order to minimise risks associated with the disposal of laboratory waste. Waste is stored in suitable containers till proper disposal.

∗ **e-waste management**

The e-waste generated is stored in the campus and disposed as scrap.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The primary innovation introduced during the last four years was the introduction of the on-line admission process by the authority. This not only helped the students but also avoided unnecessary feuds which often took place when admission forms where issued from the college campus itself. This also helped in maintaining transparency during the admission process.

Student Health Home (SHH) has been revived. Health Awareness Camp with eminent neuro-surgeon Dr. Trishitananda Ray, General Secretery / Director Student's Health Home was held on: 14.12.2013. SHH has sent Doctor's list and medical clinic schedule w.e.f. Jan, 2014 which is displayed in the college premises.

Recently the authority has planned to introduce the system of delivering notices through SMS to the students and the guardians. This ensures that important notices are communicated even when the student is not present in the College for a substantial period.

Every year, during College Test Examinations, feedback forms on infrastructural facilities and the teaching faculty are distributed to the students so that the College authority can reflect on and rectify their decisions for the benefit of the students. The women's cell has worked perseveringly and arranged Health Awareness Program both for female students of the college and women in the nearby locality who would be interested.

7.3   Best Practices

Best Practice I

1.   Title of the Practice

The Women's cell of Prabhu Jagatbandhu College is a body comprised of female members from teaching and non-teaching community and female students of the college. The cell is named '*SACHETANI*'. Implicit in the name, is the spirit of the cell, i.e., to generate consciousness about one's self, to breed self esteem and sense of worthiness in the mind of a woman—the weaker gender of the society.

2.   Goal

The purpose of this cell is to deal with the problems faced by female members of the college (staff as well as students) in different arena of their life. It provides a counseling forum for the female students to tackle those problems on a regular interval. In addition, there are awareness programmes about different preventive measures of such problems. Moreover, it encourages them to build a precious life in their professional as well as personal areas.

3.   The Context

This activity involves women from the village who do not have enough education to come forward and address problems related to their daily lives. Moreover, they are not comfortable disclosing different gynecological issues and required serious convincing from the volunteers.

Another important issue is the time constraint. Most of the women are involved in odd jobs which made it difficult for them to reach the college within the stipulated time when the practitioners are present. This is indeed a challenging issue as the program schedule has to be adjusted to accommodate them.

4.   The Practice

The practice began with interactive session of the women's cell members- between the female students and female staff of the college regarding the procedures of functioning of the cell with its definite aim in mind. Valuable suggestions were received from all who attended, which had enriched the cell in its future planning process. Dr. Asok Das, Head, Department of Economics of this college, who has successfully completed a Post Graduate Diploma Course in Human Rights from National University of Jurisdical Sciences (NUJS), delivered an extempore lecture on Women Rights which was valuable and educative for the students as well as for the staff.

Among important proposals, activity of the cell was initiated with seminars by dynamic resource persons related to the field.

To get maximum success the NSS team of this college was asked to participate with the student members of the women's cell. This collaboration indeed worked in synergism and also gave students an orientation towards survey work. The aim was to arrange a health camp for these villagers.

Finally, organising health camp in the college campus with eminent doctors was the main target of the practice. We intend to carry out several such camps and on a regular basis as this appears to have a tremendous positive impact on the local villagers. Also the NGOs largely appreciated our step towards a noble cause. Among the patients initially the majority was our students and their guardians. We hope to reach out to a greater mass through those who have visited such a camp. The primary limitation in such a venture is the inhibition of the local people to join such a camp. The first hand information from the participants would be more convincing and we hope to get a larger participation in the subsequent camps.

5.   Evidence of Success

On 22nd December, 2012 there was an interactive session of the women's cell between the female students and female staff of the college regarding the procedures of functioning of the cell with its definite aim in mind. Around 36 female students all female staff actively participated in the said session.

On 15th January, 2013, the cell organized a seminar-cum-workshop on women's health in which we were obliged to have as speaker a gynecologist from the London Hospital, Dr. Devasree Mitra, who spoke on "A Girl, a Woman, a Mother – The Journey Continues". There was an overwhelming response in participation from the students in the workshop. Dr. Mitra's presentation was remarkable. She provided a number of fine visual aids. The lucid presentation in Bengali coupled with the helpful demonstration came as a very rare event for our girls. They were encouraged by Dr. Mitra's easy going manner to bring up all sorts of questions. It was indeed an experience that will live with our students for years to come.

On 8th and 9th March 2013, the student members of the women's cell in collaboration with the NSS team of this college conducted a survey of female members of a nearby village (Mashila). They collected general information regarding the health problems of the women residing in Mashila. The aim of the survey was to arrange a health camp for these villagers.

In the academic session (2013-2014), a health camp was organized in the college campus on 14th December, 2013 with the proficient assistance of two eminent doctors from Kolkata. We had the privilege to have Dr. Nandita Dasgupta, an eminent doctor, (previously attached with CINI, a NGO and presently working with ailing mother and children), as gyneacologist and Dr. Debdwaipayan Chattopadhyay, (Ex-Surgeon   Superintendent,   SSKM   Hospital,   Ex-CMOH,   Kolkata   Municipal

Corporation) as General Physician. Both of them advised a total of 72 patients of which 46 had gyneacological problem. Among the patients, the majority was our students. As a whole, the camp was a grand success.

6. Problems Encountered and Resources Required

As mentioned above in the context since the practice involves women from village background, they were not very enterprising and relented only when it was assured that lady practitioners would be present for their checkups.

Although, College authority helps in funding such program, if the fund flow is improved it would enable proper execution of the project.

7. Notes (Optional)

The cell plans to have the following programmes in future:

1) Regular counseling session with the female students of the college.

2) Women's Health Camp at nearby locality.

3) Workshop on Women Rights.

4) Seminar/Conference on women atrocities.

5) Survey work on Women's participation in various socio-eco-politco-cultural and administrative activities.

6) Cultural Programmes focusing on gender discrimination.

Best Practice II

1. Title of the Practice

The second best practice that has been initiated by the college is "Donation of course books to library in the locality"

2. Goal

From the academic perspective, the college tries to uplift the academic environment of the hinterland. So, the college tries to help all students irrespective of the fact that they belong to the college.

3. The Context

The location of the college being in the rural area, there is a certain percentage of students who are needy and would be generally benefitted by such a library. The library by the name of KHUDIRAM STUDY CIRCLE located in Andul is open on

Sundays and has a considerable membership including adult learners. So, an impetus to help them is also a motivation for such a practice.

4.   The Practice

An appeal is made to all faculties of all departments to donate books of undergraduate courses so that a reasonable collection is made and donated. This is indeed a good practice as every year we do get text books and reference books from a large number of publishers. Also, some of our faculties have donated books from their own account. These are the specimen copies and can be of considerable help to those who do not have access to such books. Not only this, such libraries remain open on Sundays so that one can easily access them.

5.   Evidence of Success

In November, 2013, about seventy books from different subjects and courses were donated which were accepted and incorporated in the library collection.

6.   Problems Encountered and Resources Required

During this practice we got a wholesome participation from all our faculties. Our efforts were much appreciated by the library authorities.

7.   Notes (Optional)

This best practice would be extended to other such NGO or groups so that we can reach out to a larger section of students.

8.   Contact Details

Name of the Teacher-in-charge: Dr. Sarada Mandal

Name of the Institution: Prabhu Jagatbandhu College

Nearest City: Howrah

Pin Code: 711 302

Accredited Status:

Work Phone: 033 2669 0221   Fax: 033-26694080

Website: www.prabhujagatbandhucollege.org

E-mail : info@prabhujagatbandhucollege.org

Mobile: 9433105869 (Teacher-in-Charge)

3. EVALUATIVE REPORT OF THE DEPARTMENTS

Department of Bengali

1. Name of the Department: Bengali

2. Year of Establishment: General- 1964, Honours- 1984

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours & General)

4. Names of Interdisciplinary courses and the departments/units involved: Compulsory English & Bengali involving all Departments

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.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	02 (by promotion)
Asst. Professors	03	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
Aparna Datta	M.A.	Associate Prof.	Novel & Fiction	16	Nil
Ajit Kr. Bera	M.A., Ph.D.	Associate Prof.	Vaisnab Sahitya	13	Nil
Subrato Mondal	M.A.	Assistant Prof.	Novel & Fiction	09	Nil
Avijit Banerjee	M.A., Ph.D.	PTT	Madhya Yug	5	Nil

11. List of senior visiting faculty: One (Dr. Shyamal Kumar Sengupta, M, A., Ph. D)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 40% (10 Theoretical Classes taken by PTT per week.)

13. Student -Teacher Ratio (programme wise): Hons-53:1, Gen- 169:1

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:
Teaching faculty with Ph.D. and M.A. - 2
Teaching faculty with M.A. - 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: Nil

19.   Publications: **see Annexure I**

∗   a) Publication per faculty: **7**(After 2008)
∗   Number of papers published in peer reviewed journals (national / international) by faculty and students: Nil
∗   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: **7** (List of Publication in separate Sheet)
∗   Citation Index: Nil
∗   SNIP: Nil
∗   SJR: Nil
∗   Impact factor: Nil
∗   h-index: Nil

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: Nil

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

23.   Awards / Recognitions received by faculty and students:
        Avijit Banerjee, Dept. of Bengali- Ph.D. awarded in 2012 from Calcutta University

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	
2013-2014 (Hons.)	227		11	71	Not yet completed
2013-2014 (Gen)	--	--	327	402	--
2012-2013 (Hons.)	250		12	71	100
2012-2103 (Gen.)	--	--	280	410	--

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.- Hons & Gen	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No record.

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	5%
PG to Ph.D.	No records
Ph.D. to Post-Doctoral	No records
Employed • Campus selection- • Other than campus recruitment	Employed through SSC,PSC, Pvt. Company etc
Entrepreneurship/Self-employment	Some students are engaged in family business like Jari, Garments, Tailoring etc.

30. Details of Infrastructural facilities

a) Library: Yes (Dept. library with 325 books)

b) Internet facilities for Staff & Students: Department has one Computer with internet facility for Staff & Student.

c) Class rooms with ICT facility: N.A.   d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies: 30-40%

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: Department used to conducts special lecture on "Antorjatik Matri Bhasha Dibas" – A day acknowledging our mother tongue on 21st Feb. every year.

33. Teaching methods adopted to improve student learning: Interactive classes, Educational Excursion program, Cultural program, etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Student participates in social programs conducted by N.S.S. & women cell of our college.

35. SWOC analysis of the department and Future plans:

Strength
- Good Academic results
- Highly qualified faculty who are dedicated to the cause
- The faculty has to its credit a good number of publications.
- Departmental Library with a wide and up to date collection of Books
- Congenial Teacher-student relationship
- A large number of our successful students seek admission to post graduate courses in different Universities of West Bengal in each year
- Our students are very much enthusiastic participating in different programmes on sports, cultural function, social awareness activities, etc.
- Our dept. has a Book Bank for needy student.
- Though department have no systematic record, our pass out students are employed in various schools, colleges and in other field. (A list of student name is attached in Annexure II.)

Weakness

- Large number of students but inadequacy of space poses a problem.
- Insufficient Teaching faculty is another weakness of our department.

Opportunity

- There is a wide scope of Higher studies
- Several job opportunities in related fields like journalism, social studies etc.

Challenges

Though students of the department come with good academic record, most of them are from economically poor families, so they discontinue their studies for various family problems and diseases. It is our challenge to taking various steps such as establishing good teacher-student relation with our student; arrange special classes for backward students etc, so that they realize that they have to work hard if they want to build good academic career and department is always with them for solving their problem.

Annexure I: Publications

Dr. Ajit kr. Bera:

1. "Satabdir Sadhana"- by Pustok biponi(2009).
2. "Naba Prekhhapate Rabindranath"- by Pustok biponi (2010)
3. Madakashakti-rastra, samaj o sahitya"-by Pustok biponi (2012)

Dr. Abhijit Banerjee:

1. "Madhya yuger sahityae gatanugatikata banam moulikata"by bangiya sahitya Samsad Prakashana. (2008,2012)
2. "Baishnab Padabalir Nabamulyayan" by Akshar Publisher-(2009,2013)
3. "Jarasandher Upanyas: ekti samajtattik samiksha." (Ph.D thesis)

Aparna Datta:

1. "Hindhu musulman prosongo: orobindranather ekti choto golpo" by tobu ekolobya (2012)

Annexure II: Placement record of Alumni

Name	Year of Passing	Place and Year of Joining.
1. Biplab Naskar.	2005	Assistant teacher. Baluhati High School,Howrah.-2011
2.Pinaki Ranjan Karmakar	2005	Assistant teacher. ChakDaulti High School.-2006
3.Pinaki Ghosh	2005	Assistant teacher. Daulgram H.M.B.K High School.-2010
4. Chumki Naskar	2005	Assistant teacher. Bagnan Girls School, Howrah.-2009
5.Kakoli Naskar.	2005	Assistant teacher. Kulgachia Girls School, Howrah.-2010

6.Samar Naskar.	2004	Assistant teacher. Kakdip Ramratanpur Bapuji High School.-2010
7.Sanat Pramanik.	2005	Group D Makarda High School,Howrah-2010
8. Silpi Roy.	2007	Clark, Khajuri High School, Howrah-2010
9. Ranu Karmakar	2007	Assistant teacher. Fakir Chandra High School,Howrah-2011
10. Dedoprasad Roy.	2007	Assistant teacher. Nalpur Beldubi High School,HGowrah.-2011
11.Satabdi Halder	2007	Assistant teacher. Shibpur Hindu Girls School,Howrah.-2011

Department of Botany

1. Name of the Department: Botany

2. Year of Establishment: General -2008

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: None

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.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	Nil	Nil

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
Prajna Maitra	M.Sc., Ph.D.	Guest lecturer	Plant physiology in Botany	34	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100%

13. Student -Teacher Ratio (programme wise): 6:1

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:
Teaching faculty with Ph.D. and M.Sc. - One

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: None
* 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 b) International Committees c) Editorial Boards: Nil

22.   Student projects

a)   Percentage of students who have done in-house projects including inter departmental/programme: Nil

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

23.   Awards / Recognitions received by faculty and students: Nil

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

25.   Seminars/ Conferences/Workshops organized & the source of funding
        a) National: Nil   b) International: Nil

26.   Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M	*F	Pass percentage
2013-2014	-	-	08	00	-
2012-2013	-	-	08	01	

*M = Male   *F = Female

Admission is open to candidates with pass percentage

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. Gen	100%	Nil	Nil

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No records.

29.   Student progression

Student progression	Against % enrolled
UG to PG	No records
PG to M.Phil.	No records

PG to Ph.D.	No records
Ph.D. to Post-Doctoral	No records
Employed • Campus selection- NO • Other than campus recruitment	No records
Entrepreneurship/Self-employment	No records

30.   Details of Infrastructural facilities
a) Library: Yes, there is a departmental library having about 20 books.
b) Internet facilities for Staff & Students: No.
c) Class rooms with ICT facility: N.A. d) Laboratories: Yes.

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: Theory with practical and field work for teaching different sort of plants.

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

35.   SWOC analysis of the department and Future plans:

Strength
The department has a practical laboratory which includes different instruments and microscopes.

Weakness
As there is no sanctioned post for teacher, minimum students are getting admitted. Therefore, the numbers of students are few.

Opportunity
Botany, as a discipline, provides a lot of opportunities to its students. Application of Botany in various fields like medicine, agriculture, food products, bio-fertilizer, pathology, bio-technology gives it a good prospect

Challenges
To motivate more students towards this subject, in spite of faculty shortage.

Department of Chemistry

1.   Name of the department: Chemistry

2.   Year of Establishment: General- 1965

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: Environmental Studies involving all departments

5.   Annual/ semester/choice based credit system (programme wise): Annual Examinations following University Curriculum i.e. Part-I, Part-II & Part-III.

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	02	02

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
Kakoli Banerjee	Ph.D., M.Sc.	Assistant Professor	Analytical Chemistry	8yrs	Nil
Santarupa Thakurta	Ph.D., M.Sc.	Assistant Professor	Inorganic Chemistry	4 years	Nil
Sipra Roy	Ph.D., M.Sc.	Part -time Lecturer	Inorganic Chemistry	6yrs	Nil

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: theoretical-40%, practical- 50%

13. Student -Teacher Ratio (programme wise): B.Sc.(Gen) [Part-I (1:24) + Part- II (1:17) +Part-III (1:10)]

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: One Laboratory Attendant

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG: Teaching faculty with Ph.D. and M.Sc.- 3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: None

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None

18. Research Centre /facility recognized by the University: N.A.

19. Publications: **see Annexure**
* 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: None

21.   Faculty as members in
     a) National committees b) International Committees c) Editorial Boards: None

22.   Student projects

a)   Percentage of students who have done in-house projects including inter departmental/programme: None

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

Serial No.	Award	Name	Topic	Date of Award
1	Ph.D.	Santarupa Thakurta	Synthesis and characterisation of a few mono, di-or polymeric metal coordination complexes	2010 from Jadavpur University
2	Ph.D.	Sipra Roy	Studies on Synthesis and Structure of Cationic Ruthenium(II) Complexes and Their Efficiency as Catalysts for Transfer Hydrogenation.	2008 from IIT, KGP.

- Dr. Kakoli Banerjee is a Life Member of Indian Association for Nuclear Chemistry and Allied Scientists (IANCAS)

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

Serial No	Name & Institute
1	Dr. Rupali Gangopadhyay, Research Associate, IACS, Kol-700032
2	Dr. Sanjay Bhar, Associate Professor, Dept. of Chemistry, Jadavpur University, Kol- 700032.
3	Prof. Susanta Lahiri, Saha Institute of Nuclear Physics
4	Prof. Abhijit Saha, IUC-DAE

25. Seminars/ Conferences/ Workshops organized & the source of funding:
    a) National: None   b) International: None

26. Student profile programme/course wise:

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled *M	Enrolled *F	Pass percentage
2013-2014	-	-	48	23	-
2012-2013	-	-	69	19	-

*M = Male   *F = Female

Admission is open to candidates with pass percentage

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. General	100		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
    Data not available

29.   Student progression

Student progression	Against % enrolled
UG to PG	No records
PG to M. Phil.	
PG to Ph. D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	Our students are often absorbed in various industries in R&D wing.
Entrepreneurship/Self-employment	

30.   Details of Infrastructural facilities

a) Library: The department has a library with a collection of about 75 books. The specimen copies of the teachers are also given to the students.

b) Internet facilities for Staff & Students: Yes, the department has one computer with internet facility

c) Class rooms with ICT facility: None

d) Laboratories: Yes, Specious Lab accommodates 40 students, good stock of Chemicals, Annual Stock maintenance, Instrument room.

31.   Number of students receiving financial assistance from college, university, government or other agencies: None

32.   Details on student enrichment programmes (special lectures/workshops /seminar) with external experts: Yes, (Last two years)

1. Popular Scientific lectures by eminent scientists
2. Magic show with science with faculty from Birla Institute of Technological Museum

33.   Teaching methods adopted to improve student learning:
- Module-wise syllabus distribution
- Teaching plan maintained
- Study material prepared by the Faculty
- Students are guided by the Faculty to prepare wall magazines, participation in scientific quiz, debates etc.

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities: Academic visit to SINP & Academic Tours.

35. SWOC analysis of the department and Future plans

Strength

- Highly Qualified Faculty
- Well maintained, well stocked lab
- Digital record maintenance of stock, Academic results, Purchase, Student profile, & Departmental meetings.
- Annual Programme which includes visit to esteemed scientific Institutions like SINP, BITM, and Science City.

Weakness

- Shortage of laboratory attendants,
- Maintenance of building as well as water pipelines.

Opportunity

Opening Honours curriculum with proper infrastructure and faculty in specialised fields.

Challenges

Motivating students to get interested in the subject considering the fact that in this hinterland many are first generation learners and find the subject challenging.

Annexure: Publications

Dr. Santarupa Thakurta:

5 publications in peer reviewed international journals:

1. *"Sterically-controlled nuclearity in new copper(II) complexes with di-compartmental ligands: Formation of antiferromagnetically coupled angular trimer and mononuclear inclusion complex" , S. Mitra et al*
   Inorganica Chimica Acta, Volume 363, Issue 7, 20 April 2010, Pages 1395-1403, Publisher-Elsevier, Impact factor-1.687, ISSN: 0020-1693.

2. *"Synthesis, Structural Aspects and Magnetic Properties of an Unusual 2D Thiocyanato-Bridged Cobalt(II)-Schiff Base Network"*, , S. Mitra et al
Inorganica Chimica Acta, Volume 363, Issue 14, 25 November 2010, Pages 3981-3986, Publisher-Elsevier, Impact factor-1.687, ISSN: 0020-1693.

3. *"A Series of Dicyanamide-Interlaced Assembly of Zinc-Schiff Base Complexes: Crystal Structure, Photophysical and Thermal Studies"* , S. Mitra et al
Inorganic Chemistry, 2012, 51 (22), pp 12176–12187, Publisher- American Chemical Society, Print Edition ISSN: 0020-1669, Web Edition ISSN: 1520-510X, 2012 Impact Factor: 4.593.

4. *"Pseudohalide controlled assemblies of copper-Schiff base complexes with encapsulated sodium ion: synthesis, crystal structure and computational studies"* , S. Mitra et al
European Journal of Inorganic Chemistry, Volume 2013, Issue 4, February 2013, Pages: 527–536, Publisher- Wiley-VCH, ChemPubSoc Europe, Impact Factor: 3.12, Online ISSN: 1099-0682.

5. *"Thermally stable luminescent zinc–Schiff base complexes: A thiocyanato bridged 1D coordination polymer and a supramolecular 1D polymer"* , S. Mitra et al
Polyhedron, Volume 65, 28 November 2013, Pages 6-15, Publisher-Elsevier, 5-Year Impact Factor: 1.946, ISSN: 0277-5387.

Department of Commerce

1.   Name of the department: Commerce

2.   Year of Establishment: General: 1964, Honours: 1966

3.   Names of   Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG only (both Honours & General)

4.   Names of Interdisciplinary courses and the departments/units involved: Nil

5.   Annual/ semester/choice based credit system (programme wise): Annual

6.   Participation of the department in the courses offered by other departments: 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	Nil	Nil
Associate Professors	Nil	01 (by promotion)
Asst. Professors	04	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
Mukul Saha	M.Com. (Gold Medalist)	Associate Professor	Accountancy	25 years+	Nil
Sandhya Ghosh (Pal)	M.Com., M.Phil., ACMA (Merit Certificate Holder)	Assistant Professor	Accountancy	12 years	Nil
Anjali Basu Mallick	M.Com.	Part Time Lecturer	Accountancy	7 years+	Nil
Sudipta Nag	M.Com.	Part Time Lecturer	Accountancy	3 years+	Nil

11. List of senior visiting faculty: N.A.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 32% of total classes taken by 3 temporary faculties (during August to January). Practical classes are not taken by the temporary faculty.

13. Student -Teacher Ratio (programme wise): 402: 4 (Part- I, II, III)

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.:
Teaching faculty with M.Com., M.A. and ACMA - 1
Teaching faculty with M.Com. - 3

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:
a) Sandhya Ghosh(Pal)- UGC Funded Minor Research Project entitled

"Accuracy of performance appraisal in a public sector organization- A study" 18 months UGC MRP amounting to Rs. 147250.

18.   Research Centre /facility recognized by the University: N.A.

19.   Publications: **see Annexure**
∗   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 b) International Committees c) Editorial Boards: None

22.   Student projects:
            As per C.U. syllabus, students of B.Com Part-III(Hons.) do their project work under the guidance of departmental teachers. Department of Commerce conducts the project work for a period of one year for 3rd year (Hons.) students, following the course curriculum of University of Calcutta. The departmental teachers endeavour to provide students a guideline and training to understand research problems during this period, at the end of which they are evaluated by the external faculty members appointed by the university. Our teachers take individual care to give a true flavour of research to our students at this level, motivating them to pursue their career in academic field. This enhances the interests of students towards the subject and helps in developing a research oriented outlook. Students are also trained to write proper research proposal, questionnaires for primary data collections and statistical techniques for analyzing the data. Overall, this programme enriches the students' research aptitude, enlightens them with knowledge, proficiency and experience that they would need in near future to continue in this field.

a) Percentage of students who have done in-house projects including inter departmental/ programme: 100% as the project paper is included in B.Com. Part-III (Hons.) syllabus as per C.U.

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
Sandhya Ghosh Pal appointed as Bursar for the year 2012-2013 and also G.B. member of the college.

24. List of eminent academicians and scientists / visitors to the department: None

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 *M	*F	Pass percentage $
B.Com (Hons.) 2013-2014	198	71	64	07	Not yet completed
B.Com (Gen.) 2013-2014	-	-	67	03	--
B.Com (Hons.) 2012-2013	178	77	65	13	100
B.Com (Gen.) 2012-2013	-	-	64	05	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students: All students are from the same state.

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com. (Hons. & Gen.)	100	Nil	Nil

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29.   Student progression

Student progression	Against % enrolled
UG to PG	6 students (10%) 2012-13
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	10%
Entrepreneurship/Self-employment	

30.   Details of Infrastructural facilities
        a) Library: Books are issued to the students from 1) the Central Library, 2) Book Bank and 3) Departmental library. Also specimen copies of the teachers are given to the students.   Total number of books is 175.
        b) Internet facilities for Staff & Students: College provides internet facilities to staff and students can avail those facilities in the class.
        c) Class rooms with ICT facility d) Laboratories: 2 computer laboratories are there for the students.

31.   Number of students receiving financial assistance from college, university, government or other agencies: 10% of the students get full-free/half free ship from the college.

32.   Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Department organizes departmental seminar and special lectures by external experts.

33.   Teaching methods adopted to improve student learning: Website for Part-III, INFLIBNET used for project work of Part-III (H) students.

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

35.   SWOC analysis of the department and Future plans

Strength

The Department of Commerce has 2 qualified and very active full time teachers. Part time teachers (No.2) are also very co-operative. Our students are very sincere and disciplined. They maintain good relation with departmental teachers. Our institution provides large class rooms equipped with sufficient number of lights and fans. Students also get drinking water just outside their classes. In addition to Central Library and Book bank we provide sufficient number of specimen copies to our students through Departmental library.

Weakness

The student-teacher ratio is very high. Insufficient number of teachers is a great problem to the department. Moreover, it becomes difficult to guide (at least 7 students per teacher) the Part-III (Hons.) students for project paper as per C.U. new syllabus. Moreover, most of our students come from poor family and Bengali medium which acts as a hindrance to achieve their goals.

Opportunity

Study of Commerce means to create life blood of any Industry/Institution/Organization for their Accounting and Finance department. Without finance no industry/institution/organization can exist. So opportunity of Commerce study has a huge scope in the job markets.

Challenges

Nowadays many students are opting for BBA instead of B.Com. Under new syllabus of C.U., number of students getting 1st class is reducing. So it is a great challenge for the organization to update the infrastructure and strengthen educational assistance for the students to improve their results with reduced number of faculties.

Annexure: Publications

Sandhya Ghosh(Pal):

4 publications in peer reviewed international journals:

1. *International Journal of Marketing Theory*, Vol. 2 No. 2, July-December, 2012, ISSN 2230-889X, P 169-187.
2. *International Journal of Business, Management & Social Sciences*, Vol. II Issue 7(VI), March 2013. ISSN 2249-7463, P 9-12.
3. *International Research Journal of Business Sciences*, Vol. 1 Issue 1, ISSN 2321-3191, P 1-5
4. Proceedings of the National Conference on management a changing scenario, March 6th, 2010.
   ISBN No. 978-81-904760-3-4
   Published by office care systems Private limited, Chennai.

Department of Computer Science

1.   Name of the Department: Computer Science

2.   Year of Establishment: General: 2002, Honours: 2005

3.   Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (both Honours and General)

4.   Names of Interdisciplinary courses and the departments/units involved: One of the faculties of Dept of Computer Science (Amitava Sarder) takes the responsibility of conducting both theoretical and practical classes of 'Information Technology and Its Application in Business' of Dept. of Commerce. The faculties of Dept. of Computer Science also conduct 'Basic Preliminary Courses on Use of Computers'.

5.   Annual/ semester/choice based credit system (programme wise): Annual System (under affiliating system)

6.   Participation of the department in the courses offered by other departments:
        Regular classes of 'Information Technology and Its Application in Business' of the Dept. of Commerce is conducted by Amitava Sarder of Dept. of Computer Science. He also acts as the internal examiners of corresponding University practical examinations.

7.   Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

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	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
Sumana Bandyopadhyay	M. Sc.	Assistant Professor	Computer Science	05	Nil
Amitava Sarder	M.C.A.	Part-Time Lecturer	Computer Application	06	Nil
Paramita Dey	M. Sc.	Guest Faculty	Computer Science	02	Nil
Biswanath Saha	M. Sc.	Guest Faculty	Electronics	05	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:
    1. Paromita Dey, a guest faculty of our Dept., takes 18% of total theory classes and 19% of total practical classes.
    2. Biswanath Saha, another guest faculty of our Dept. takes usually 5% of total theoretical classes and 19% of total practical classes.

13. Student -Teacher Ratio (programme wise): 2.5 (for Honours course) and 4.75 (for General courses)

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Sanctioned post is one, but remained vacant.

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG: All the teaching faculties are 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: N.A.

18. Research Centre /facility recognized by the University: Nil

19. Publications: **See Annexure**
* 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 b) International Committees c) Editorial Boards: None

22. Student projects: Nil
a) Percentage of students who have done in-house projects including inter departmental/programme: Nil

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

23. Awards / Recognitions received by faculty and students: Nil

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

25. Seminars/ Conferences/Workshops organized & the source of funding: Nil.
    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	
2013-2014 (Hons.)	30		14	01	Not yet completed
2013-2014 (Gen.)	-	-	14	05	-
2012-13 (Hons.)	35		10	04	86
2012-2013 (Gen.)	-	-	16	06	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27.   Diversity of Students: All students belonging to both Honours and General courses come from the same state.

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Honours & 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.?: Actually there exists students being engaged in Defense service, Software Professionals, etc. and achieved in competitive exam like JECA in each of the previous years, but Dept. has failed to keep track of the exact number.

29.   Student progression

Student progression	Against % enrolled
UG to PG	57%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil

Employed • Campus selection • Other than campus recruitment	Students get job from off-campus recruitment, but Dept. fails to provide the accurate %.
Entrepreneurship/Self-employment	Nil

30. **Details of Infrastructural facilities**

a) **Library:** Aside from the central library, the dept maintains a rich collection of books at its own disposal. The total number of books in the departmental library is almost 150.

b) **Internet facilities for Staff & Students:** Internet facility is available mainly for departmental staffs, but whenever necessary students are allowed to take this opportunity.

c) **Class rooms with ICT facility:** Personal Computers, Spreadsheets, Word Documents, equipments for power point presentation, etc. are available for use of students.

d) **Laboratories:** The department has at its disposal two laboratories; one solely for Honours students consisting of 14 PCs and another is dedicated for general students and equipped with 7 PCs.

31. **Number of students receiving financial assistance from college, university, Government or other agencies:** The Highest scorer of each year of the three year Hons. Course gets full fees free according to the norm of University of Calcutta.

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

33. **Teaching methods adopted to improve student learning:** Aside from interactive classes and adequate number of practical classes, faculties sometimes take the help of Internet facility and power point presentation.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:** Students often join to the activities of N.S.S group of college.

35. **SWOC analysis of the department and Future plans:**

Strength

- Department has two laboratories equipped with sufficient number of PC with updated software packages.
- Students get help from departmental library, which is enriched with over 150 books covering all aspects of their syllabus and of outward knowledge.
- If required they are assisted by internet facility.
- As the syllabus of Hons. students includes practical of electrical equipments, dept. of Electronics is well equipped with different instruments and they are taught in collaboration of the dept. of Electronics.
- The ratio of student to teacher is not so high; therefore, students get immense scope for interactive teaching method and personal interaction with the faculties.
- Dept. often conducts departmental meetings and according to the resolutions, they perform counseling on the students, so that they become aware of the opportunities of further scope of studies and job prospects.

Weakness:

- Dept. is unable to provide on-campus facility to its students till now.
- Though the Dept. is still incapable of organizing seminar/workshop etc., but faculties usually keep track of the seminars or workshops being conducted by different colleges or universities or nationalized Institutions. The Dept. often encourages students to join these types of programmes.

Challenges:

- Dept. lacks sufficient number of permanent faculties.
- Dept. lacks technical assistant, so taking practical classes or conducting university
- practical examinations often become a challenge.
- Recently there is a tendency of students going towards various engineering courses. Therefore, it becomes a challenge to the Dept. to attract students and make them aware regarding the prospects of the course offered here.
- Dept. is determined to conduct seminar/workshop in near future.

Annexure: Publications

Sumana Bandyopadhyay

1. S. Bandyopadhyay (with D. Dhal and R. K. Pal). "Yet another Way of Selecting Programme Slots for Advertising Products through Different Television Channels", *Proc. of the National Seminar on Applied and Computational Mathematics and their Applications, Department of Applied Mathematics with Oceanology and Computer Programming*, Vidyasagar University, Midnapore, India, pp.4 (Abstract), Mar. 6-7, 2008.

2. S. Bandyopadhyay (with D. Dhal and R. K. Pal). "A Method to Select Programme Slots for Giving Advertisements in Different Television Channels", *Proc. of 23rd IEEE Region 10 International Conference on Innovative Technologies for Societal Transformation (IEEE TENCON 2008)*, CD: Session: O24 (Innovative Technologies – I) (Six pages), Hyderabad, India, Nov. 18-21, 2008.

3. S. Bandyopadhyay (with R. K. Pal). "Some New Applications of Perfect Graphs", *Proc. of the National Symposium on Applied Mathematics and Related Computational Problems*, Department of Applied Mathematics, University of Calcutta, Kolkata, India, pp. 7-8 (Abstract), Jan. 13-14, 2009.

4. S. Bandyopadhyay (with R. K. Pal). "Computation of Minimum Frequency Requirement for a Wireless Communication System in Polynomial Time using a Graph Theoretic Approach", *Proc. Of Third International Conference on Information Processing (ICIP 2009), session: 2 (Computer Communication Network)* (Ten pages), Bangalore during August 7-9, 2009.

5. S. Bandyopadhyay (with R. K. Pal). "Minimum Frequency Requirement for a Wireless Communication System in Polynomial Time", Volume No.4 Issue No.3 of *International Journal of Information Processing*, pp. 64-73, 2010.

6. S. Bandyopadhyay (with R. K. Pal). "An Algorithm for Selecting Programme Slots to Broadcast Advertisements in Parallel in Different Television Channels", *Proc. of IEEE International Conference on Computer Science and Automation Engineering (CSAE 2011)*, *session c2*, Shanghai, China, Volume No. 2, pp. 399-403, June 10-12, 2011.

7. S. Bandyopadhyay (with R. K. Pal), "Computation of all Possible Maximal Cliques of a Weakly Triangulated Graph in Polynomial Time", accepted for presentation and publication in proceeding of *Science and Information Conference 2014*, *August 27-29, 2014*, *London, UK*.

Department of Economics

1. Name of the Department: Economics

2. Year of Establishment: General courses- 1964 and Honours courses- 1996

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG courses in Arts, Science and Commerce streams

4. Names of Interdisciplinary courses and the departments/units involved: Teachers take regular classes in Interdisciplinary courses like Environmental Studies.

5. Annual/ semester/choice based credit system (programme wise): Annual Examination involving University Curriculum.

6. Participation of the department in the courses offered by other departments Teachers take regular classes in Geography Honours and General Courses and also in B.Com. Honours and General Courses

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Not Applicable

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	03	03

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. Asok K.Das	Ph.D.	Associate Professor	Public Finance	32 years	Nil
Dr. Monojit Ghosh	Ph.D.	Associate Professor	Environmental Economics	29 years	Nil
Dr. Tapasree Banerjee	Ph.D.	Assistant Professor	Ecological Economics	13 years	Nil

11. List of senior visiting faculty: The department is enriched with visits from eminent senior economists like Dr. Ratan Khasnobis, Director, MH-ROM, Calcutta University., Dr Tusharb Jash, School of Energy Studies, Jadavpur University, Dr. Sugata Marjit, Director CSSSC, Dr. Sankar Bhowmick and others.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Not Applicable

13. Student-Teacher Ratio (programme wise); UG Hons and General Courses-40:1, B.Com (Hons and General) Courses- 30:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Not Applicable

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
3 Faculty members with Ph.D.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: One faculty member has received a Minor Research Project for 2013-15 from UGC amounting to Rs. 1.32 lakh.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Not Applicable

18. Research Centre /facility recognized by the University: Not Applicable

19. Publications: **See Annexure**
* 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: Not Applicable

21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards:
Dr. A. K. Das is Life member of ISI Calcutta, IIPA New Delhi, Asiatic Society
Dr. M. Ghosh is member of National Library, Kolkata
Dr. T. Banerjee is life member of Indian Economic Association

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme: Students are involved in departmental projects as part of their UG Curriculum in Hons courses in third year Hons. Courses.
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Not Applicable

23. Awards / Recognitions received by faculty and students:
Dr. A. K. Das is Governing Body Member of Azad Hind Mahavidyalaya.
Dr. M. Ghosh is Governing Body member of Uluberia College.
Dr. T. Banerjee received CSSSC-NRTT Post Doctoral Fellowship in 2009.

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

      The department is enriched with frequent visits from eminent academicians. The students were enriched by the departmental seminar on Energy, Ecology, and Sustainable Development on 9.10.12 Senior academicians like Dr. Ratan Khasnobis, Director MH-ROM C.U. and Dr. Tushar Jash School of Energy Studies, J.U. delivered lectures to the students followed by an interactive session. Eminent academicians like Dr. Sugata Marjit, Director CSSSC, Dr. Sankar Bhowmick, Professor of Economics, Calcutta University and others have enriched the students with their intellect and academic brilliance.

25. Seminars/ Conferences/Workshops organized & the source of funding
     a) National b) International
     (i) Seminar on Energy, Ecology and Sustainable Development with funding from college in 2012.
     (ii) UGC sponsored State level seminar on Technology for Rural Industries-Problems and Prospects for Indian Economy in March 2011.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected #	Enrolled *M	*F	Pass percentage $
2013-2014 (Hons.)	04		01	00	Not yet completed
2013-2014 (Gen.)	-		68	52	-
2012-2013 (Hons.)	03		00	00	100
2012-2013 (Gen.)	-	-	27	21	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students: Students come only from West Bengal

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Data not available.

29. Student progression (based on 2012-2013)

Student progression	Against % enrolled
UG to PG	100
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
a) Library: we have 28 books in the Departmental Library as well as books from Central Library which are regularly lent out to the students. Apart from this specimen copies of books are also lent to needy students.
b) Internet facilities for Staff & Students: None
c) Class rooms with ICT facility: N.A. d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies: Not Applicable

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts: The Seminar on Energy Ecology and Sustainable Development with eminent economists have greatly benefitted the students Apart from this regular student seminars are also held.

33. Teaching methods adopted to improve student learning:
(i) Modules are given to students in the beginning of the academic session
(ii) Regular interactive sessions are held with students on curriculum profile
(iii) Materials like special articles from reputed journals like EPW, Yozana etc are regularly supplemented to the students in addition to their text books and references
(iv) Two of our faculty members, Dr. Asok Kumar Das and Dr. Manojit Ghosh are actively involved in the issues related to Human Rights in general

for national and international matters. The faculty members have frequent interactions with the students on these issues.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students of the department are actively involved in NSS activities

35. SWOC analysis of the department and Future plans:

Strength

Our strength is a highly qualified and versatile faculty.

Weakness

We are deeply concerned about the sharp decrease in the number of students for Honours courses in recent years.

Opportunity

To meet this challenge we have plans to visit nearby schools and try to create awareness among the students on matters relating to future scope of studying Economics, opportunities open for Economics students and usefulness of this subject.

Annexure: Publications
Tapasree Banerjee

Books with ISBN/ISSN numbers with details of publishers: **03** (POST 2008)
1. *"Disasters in West Bengal – An Interdisciplinary Study"*
   Ed. T.K. Das et al, pp 102-106, acb publications, 2011
   ISBN No.: 81-87500-55-7,
   ISBN No.: 81-87500-56-5

2. *"A Study of the Effects of Fuel Consumption In a Village of Nadia District"* in Economy of India- Glimpses of Various issues, 2013
   Regal pub., ISBN 978-81-8484-237-1.

3. *"Choice of Cooking Fuel in EKC Framework"* Business Studies, 2010,
   Dishari pub., ISBN978-81-909368-5-9,

Department of Electronics

1.	Name of the Department: Electronics

2.	Year of Establishment: General -2003

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: The Electronics portion (both theory and practical) of Computer Science Hons. Course and the 50 marks Electronics of Physics Hons. Course.

7.	Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8.	Details of courses/programmes discontinued (if any) with reasons: Nil

9.	Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	01	Nil

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
Biswanath Saha	M.Sc.	Guest lecturer	Electronics	8	Nil

11.   List of senior visiting faculty: Nil

12.   Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100%

13.   Student -Teacher Ratio (programme wise): Electronics Gen (1st year) 1:10, Computer Science (1st year) 1: 17

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: Teaching faculty with PG- 1

16.   Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17.   Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18.   Research Centre /facility recognized by the University: Nil

19.   Publications: None
∗   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 b) International Committees c) Editorial Boards: Nil

22.   Student projects

a)   Percentage of students who have done in-house projects including inter departmental/programme: 2011 & 2013 Computer Science (3rd year)

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 *M	*F	Pass percentage
2013-2014	-	-	11	01	-
2012-2013	-	-	04	00	-

*M = Male   *F = Female

Admission is open to candidates with pass percentage

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. Gen	100%	Nil	Nil

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No records.

29.   Student progression

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	

PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection- NO • Other than campus recruitment	
Entrepreneurship/Self-employment	

30.   Details of Infrastructural facilities

a) Library: Yes, there is a departmental library having about 35 books.

b)   Internet facilities for Staff & Students: Sharing with Physics department.

c)   Class rooms with ICT facility: N.A. d) Laboratories: Yes, well-equipped laboratory.

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: Practical realization of circuits, Extensive lab work.

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

35.   SWOC analysis of the department and Future plans:

Strength
- Books enrichment
- Lab enhanced

Weakness
- There is no Faculty in the substantive post.
- Students have discontinued the Electronics General Course.

Opportunity
- Job market is lucrative
- Physics dept. is supplemented by electronics

Challenge
- To attain more students for the subject.

Department of English

1. Name of the Department: English

2. Year of Establishment: Honours-2008, General- 1964

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., and Integrated Masters; Integrated Ph.D., etc.): UG (Honours & General)

4. Names of Interdisciplinary courses and the departments/units involved:
    The Compulsory English course involves Interdisciplinary activities. Students of Science, Commerce and Arts faculty are enrolled in this class; therefore the teaching faculties (consisting of 4 Teachers) try their best to cater to the need of each department. The student strength of this course is approximately 1235.

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.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	02	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
Indrani Chakraborty	M. A., M. Phil.	Assistant Professor	Modernism and Postmodernism	3	Nil
Sharmishtha Dutta Mondal	M. A.	Part-time Lecturer	Romanticism	6	Nil
Sabitabrata Ghosh	M. A., M. Phil	Part-time Lecturer	Indian writing in English	6	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 5.2%

13. Student -Teacher Ratio (programme wise): 24:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: N. A.

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./ P.G.:
    Teaching faculty with M.Phil. and M.A. - 2
    Teaching faculty with M.A. - 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: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: **see Annexure**
* 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 b) International Committees c) Editorial Boards: Nil

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: 80% Students are encouraged to submit and present papers on literary artists, certain literary ages like the Romantic Age or the Victorian Age. They have practice Seminars on Theatre of Absurd, Lake Poets, Graveyard Poets and Romantic poets. They also have regular Workshops on various parts from and out of the syllabus.

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	
2013-2014 (Hons.)	250		16	07	Not yet completed
2013-2014 (Gen.)	-		14	17	-
2012-2013 (Hons.)	224		07	17	100
2012-2013 (Gen.)	-		12	12	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Hons. & Gen	100%		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: None.

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	0%
PG to Ph.D.	0%
Ph.D. to Post-Doctoral	0%
Employed • Campus selection • Other than campus recruitment	
Entrepreneurship/Self-employment	

30.　Details of Infrastructural facilities

a) Library: We have provided the students with enriched resources like access to the *National Library and Information Services Infrastructure for Scholarly Content* and one open access library, complemented with always on internet browsing facility.

Internet facilities for Staff & Students: All departments have their own computer facility with internet access.

Class rooms with ICT facility: Nil.　　Laboratories: N. A.

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

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

33.　Teaching methods adopted to improve student learning: We regularly arrange workshops, inter- class practice seminars to provide our students with healthy competitions to bring out the best in them, and interactive sessions to challenge themselves further.

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

35.　SWOC analysis of the department and Future plans

Strength

- Small and interactive batch.
- Friendly, cooperative atmosphere.
- Seminar library.

Weakness

- Lack of teaching aids.

Future plan

　　　To interest students further and help them understand their coursework with more ease, we plan to use audio–visual and popular media support; for example, we have seen that students learn more efficiently when movies based on the texts from their syllabus are shown to them. Besides this, we also plan to arrange some interdisciplinary courses and workshops like Theatre workshop and Communicative English classes for their intellectual and social grooming.

Annexure: Publications

Professor Indrani Chakraborty:

1. Papers published in peer reviewed journals (national / international):

1. Title: "Our Bankim, Their Bankim: Reading the Text and the Index in *Krishna Kanta's will*"

Ref. Journal / Book: Journal of the Department of English, University of Calcutta

Pages: 247-257

Key: Paper

Volume: XXXIII, Date: 2006-2007, Place of publication: Kolkata

2. Chapter in Books:

Asif Currimbhoy: India's First Authentic Voice?

Ref. Journal /Book: Indian Drama in English

Pages: 351-359

Key: Paper

Date: 2011

Place of publication: New Delhi

ISBN: 978-81-203-4289-7

Department of Geography

1. Name of the department: Geography

2. Year of Establishment: General- 1996, Honours- 1996

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours & General)

4. Names of Interdisciplinary courses and the departments/units involved:
   The teachers of Department of Economics are involved in teaching various aspects from the prescribed syllabus of B.A./B.Sc. Part-I, II, III Hons.

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.: None

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	02 (by promotion)
Asst. Professors	03	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
Sarada Mandal	M. Phil., Ph.D.	Associate Professor	Cartography	16	Nil
Ballari Bagchi	M. Phil., Ph.D.	Associate Professor	Population and Settlement	22	Nil
Madhusudan Pramanick	M.A., Diploma in Applied Remote Sensing and GIS	Assistant Professor	Advanced Industrial Geography	6	Nil
Gargi Chakraborty	M. Sc.	Part-Time Lecturer	Agriculture Geography	13	Nil
Abbasuddin Seikh	M.Sc.	Guest Faculty	Geomorphology	1	Nil
Priyanka Sanpui	M.Sc.	Guest Faculty	Regional Planning	1	Nil

11. List of senior visiting faculty:

Dr. Asok K. Das, Dr. Monojit Ghosh and Dr. Tapasree Banerjee from department of Economics, Suman Bandopadhyay from department of History, Soumitra Chakraborti from department of Political Science, Prabhu Jagatbandhu College.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Programmes

CATEGORY	HONOURS			GENERAL		
Class	Part-I	Part-II	Part-III	Part-I	Part-II	Part-III
Theory	20	15	20	30	25	10
Practical	20	10	25	Nil	30	10

13.   Student -Teacher Ratio (programme wise):

	Honours (Teacher: Student)	General (Teacher: Student)
Part-I	1:12	1:10
Part-II	1:10	1:14
Part-III	1:10	1:12

14.   Number of academic support staff (technical) and administrative staff; sanctioned and filled: sanctioned- 1, filled- 1

15.   Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.
Ph. D—2; M. Phil—2; P.G.—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: Nil

19.   Publications: **see Annexure**

∗   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: **7** (List of Publication in separate Sheet)
∗   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 b) International Committees c) Editorial Boards: None

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme: Nil

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

23. Awards / Recognitions received by faculty and students:

   1. Ph.D awarded to Dr. Ballari Bagchi from North Bengal University (2008)

   2. Ph. D awarded to Dr. Sarada Mandal from Calcutta University (2011)

   3. Ph. D submitted by Gargi Chakraborty to Calcutta University (2014)

   4. PG Diploma on GIS and Remote Sensing Awarded to Madhusudan Pramanick from Jadavpur University (2011)

24. List of eminent academicians and scientists / visitors to the department: Dr. Pradip Malhotra, Team doctor with the 1st Indian Scientific Expedition to the South Pole (organized by Govt. of India, November 2010).

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	
2013-2014 (Hons.)	320		12	24	Not yet completed
2013-2014 (Gen.)	-	-	18	20	-
2012-2013 (Hons.)	350		19	20	100
2012-2013 (Gen.)			24	36	

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Hons. & Gen.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
4 students have cleared UGC NET.

29. Student progression

Student progression	Against % enrolled
UG to PG	37
PG to M. Phil.	Exact % not known
PG to Ph.D.	Exact % not known
Ph.D. to Post-Doctoral	Exact % not known
Employed • Campus selection • Other than campus recruitment	Not practiced Exact % not known
Entrepreneurship/Self-employment	Exact % not known

30. Details of Infrastructural facilities
a) Library: No. of Books in departmental library: 291
b) Internet facilities for Staff & Students: Yes
c) Class rooms with ICT facility: Only the GIS Lab has ICT Facility
d) Laboratories: Our laboratory can accommodate 35 students at a time. It has got the following facilities : Tracing Table, Prismatic compass and accessories, mirror and pocket stereoscope, soil kit, overhead projector, satellite imageries, aerial photographs, topographical maps, specimens of rocks and minerals, survey umbrella, plane table and accessories

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

	HONOURS	GENERAL
Part-I	3	Nil
Part-II	4	2
Part-III	4	1

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts: Seminar on *Journey to the South Pole* on 25th September, 2012 by Dr. Pradip Malhotra, Team doctor with the 1st Indian Scientific Expedition to the South Pole (organized by Govt. of India, November 2010).

33. Teaching methods adopted to improve student learning
    1. ICT and Power Point Presentation are widely practiced for teaching in lucid ways and also for upgrading students' knowledge.
    2. To create interest among students for their academic curriculum, the teachers involve students directly in computer handling and provide internet facility to them.
    3. Question-answer methods in the class are commonly practiced.
    4. Students' seminars are arranged on the topics from the prescribed syllabus.
    5. Debates and quiz competition are organized to generate awareness among students.

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

- The Department of Geography focuses on the Institutional Responsibility by incorporating social and environmental responsibility, ethics (values) and sustainability through the students.
- Social responsibility is one of the mainstays that support our academic work, and it is also one of our priorities, because we believe that our role involves something more than simply the imparting of knowledge and skills to our students and, as active agents of social change, we aim to address and find solutions to social problems.
- The students of this department are actively involved in the extension activities carried out by our college, i.e., NSS and NCC.
- Further, for partial fulfillment of B.A./ B.Sc Hons. and General (of the University of Calcutta), field surveys are conducted with the students which afford prospects for unraveling an unknown environment. Such survey works enlighten the students about societal life, geographical regions, and sustainability of physical and human environment.
- Hence, an overall sense of values and responsibility towards society is developed through such exercises which are successfully carried out by our students.

35. **SWOC analysis of the department and Future plans**

Strength

- The quality faculty represented by the academic expertise of the teachers along with their commendable teaching aptitude.
- Two teachers with excellent expertise in GIS & Remote Sensing which is far more than beneficial for students.
- The sincere, laborious and obedient students who, in spite of their various obstacles, endeavor their level best for their academic pursuits.
- The excellent network of inter-relationship between students and teachers.
- The available infrastructures of the department are satisfactory.

Weakness

- The scarcity of class-rooms.: the classrooms are scarce in numbers and the sizes of the existing classrooms are small with respect to increasing number of students.

Opportunity

The students of this department have a scope of employment in various multi-disciplinary fields, in addition to teaching and academic pursuits. Those are as follows:
- Jobs relating to GIS and Remote Sensing
- Employment opportunities in the fields of Census Organization as cartographer and data analyst
- In sectors of regional planning
- In Survey of India
- In National Bureau of Soil Sciences
- In land-use mapping
- In Archaeology
- In National Atlas and Thematic Mapping Organization

Challenges:
- To improve and upgrade the academic quality of the students coming from rural and backward hinterland.
- To commence post-graduate course in the department of Geography.
- To equip the department for carrying out research projects (sponsored by UGC, DST, ICSSR) relating to various geographical and environmental problems.
- To enhance the employability of the students.

Future Plans:

1. To increase the area of the department.
2. To increase the number of laboratories.
3. To initiate diploma course in GIS & Remote Sensing in collaboration with National Atlas and Thematic Mapping Organization and CAD Centre, Jadavpur University. This might accentuate the employment opportunities of the students in Government and Non-Government Sectors

Appendix 1

Publication of Dr. Sarada Mandal

Name of the paper / Chapter / Book	Year	Published on
1. Book: Natural Hazards: Origin, Impact, Mitigation and Mapping (First Edition) Reprint Second Edition	February, 2008 2009 2011	**Published by: Books and Allied (Pvt.) Ltd. , Kolkata**
2. Chapter 7, Part II: The Stern Episode Ever Experienced By Bengal Delta	2009	**Book:** Geo-Political Implications of Partition in West Bengal, Edited by Dr. Manisha Deb Sarkar, Published by K.P. Bagchi & Company, Kolkata
3. Abstract: Importance of Victim's Perception in Mitigating the Problem of Bank Erosion in Gangetic Delta	March, 2010	**Abstract volume** of the National Seminar on Ganga Delta: Planning Perspectives under UGC DRS (SAP-1), organized by Department of Geography, University of Calcutta, in collaboration with NATMO, ILEE and GSI
4. Full paper: Endurance of ancient art of weaving Baluchari in relation to present technological advancement	June, 2010	**Indian Journal** of Landscape Systems and Ecological Studies, Special volume on Environmental Problems in Geography, Vol. 33, Institute of Landscape, Ecology and Ekistics, Kolkata
5. Abstract: 'SWOT' (Strength-Weakness-Opportunity-Threat) analysis of Baluchari Industry to explore the ways of its modernization	January, 2011	**Abstract volume** of the National Seminar on Applied Geography: Issues and Techniques, organized by Department of Geography, University of Calcutta
6. Abstract: Problems regarding Primitive Weaving Technology of the Baluchari Industry and possible remedies	March, 2011	**Abstract volume** of the National Seminar on Natural Resource Management under UGC-DRS (SAP-1) Programme, organized by Department of Geography, University of Calcutta
7. Abstract: Violation of Human Rights of Children working in Silk-weaving Industry of India	February, 2012	**Abstract volume** of the UGC Sponsored Seminar on 'Human Rights Education' Organized by Women's Christian College
8. Abstract: Problems of Women Artisans of Silk Weaving Industries of West Bengal	March, 2012	**Abstract volume** of the International Conference on 'Dimensions of Development and Resource Conservation', organized by Department of

		Geography, University of Calcutta
9. Part IV, Chapter 1: Violation of Human Rights of Children working in Silk-weaving Industry of India	October, 2013	**Book:** The Rite of Wrongs: Human Rights in India, edited by Ajanta Paul, Conceptualized and Sponsored by Women's Christian College, Kolkata Published by Avenel Press, Burdwan
10. Volume II, Part B, Chapter 26 : Place of Handloom Industry in Rural Development: Problems and Prospects with special Reference to West Bengal	To be published in 2014	**Book:** "FRONTIERS OF RURAL DEVELOPMENT" (Edited by DEBABRATA DAS GUPTA), Publisher, M/S Agrobios (India), Jodhpur, Rajasthan,

a. Publication of Madhusudan Pramanick

Name of the paper / Chapter / Book	Year	Published on
1. **Abstract:** Spatio-Temporal urbanization & land use & land cover change, Barasat Urban Area, W.B.	2013	Published by 14th RC U GC organized by UGC Academic Staff College, Department of Geography.
2. **Abstract:** Assessment of urban Land Cover Change, Barasat Urban Area, W.B.	March, 2012	**Abstract volume** of the International Conference on 'Dimensions of Development and Resource Conservation', organized by Department of Geography, University of Calcutta
3. **Paper:** Analysis of Urban Vegetation in Kolkata, Word 19 & 20 using RS & GIS 92	2011	Orientation Programme organized by UGC Academic Staff College, ICDDRC, Department of Geography.

b. Publication of Gargi Chakraborty

Name of the paper / Chapter / Book	Year	Published on
1. **Abstract:** Flood as a hazard in Amta-II CD Block in Haora district , W.B.	March, 2012	**Abstract volume** of the International Conference on 'Dimensions of Development and Resource Conservation', organized by Department of Geography, University of Calcutta
2. **Abstruct:** Problem and future prospect of Inland water transport in Haora District	March, 2011	**Abstract volume** of the National Seminar on Natural Resource Management under UGC-DRS (SAP-1) Programme, organized by Department of Geography, University of Calcutta
3. **Abstract:** Spatial Pattern of occupation relation to Accessibility: A study in Haora district, West Bengal	January, 2011	**Abstract volume** of the National Seminar on Applied Geography: Issues and Techniques, organized by Department of Geography, University of Calcutta
4. **Abstract:** Urban Growth and transportation in Bally Municipality	September, 2011	**Abstract volume** of Urban Economics Department, University of Calcutta, Alipur

Department of History

1. Name of the department: History

2. Year of Establishment: General: 1964, Honours: 1969

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours & 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: Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

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	01 (by promotion)
Asst. Professors	03	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
Suman Bandopadhyay	M.A., M.Phil.	Associate Prof.	Modern India	15	00
Nimai Chand Dan	M.A.	Asst. Prof.	Modern India	04	00
Sankardev Maiti	M.A., M.Phil.	Part-time Teacher	Modern India	05	00
Bisakha Chatterjee	M.A.	Part-time Teacher	Ancient India	05	00
Puspa Dutta	M.A.	Part-time Teacher	Islamic History	04	00

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): Hons-1:30, Gen-1:300

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: None

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil -02/ PG:-03:
    i) Teaching faculty with M.Phil. and M.A. - 2
    ii) 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: Nil

18. Research Centre /facility recognized by the University: Nil

19.   Publications: Nil
∗   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: None

21.   Faculty as members in
        a) National committees b) International Committees c) Editorial Boards: None

22.   Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme: 30%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 05-10%

23.   Awards / Recognitions received by faculty and students: Nil

24.   List of eminent academicians and scientists / visitors to the department:
        1. Dr. Amit Dey-University of Calcutta, History Dept.
        2. Dr. Rashed Ali – University of Calcutta, History Dept.

25.   Seminars/ Conferences/Workshops organized & the source of funding
        a) National: Proposal submitted   b) International: None

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected #	Enrolled		Pass percentage $
			*M	*F	
2013-2014 (Hons.)	250		09	37	Not yet completed
2013-2014 (Gen.)	-		383	467	-
2012-2013 (Hons.)	300		23	32	100
2012-2013 (Gen.)			297	337	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.- Hons & Gen	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No records.

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	No records
PG to Ph.D.	No records
Ph.D. to Post-Doctoral	No records
Employed • Campus selection- NO • Other than campus recruitment	Employed through SSC,PSC, Banking, Defence, Pvt. Company etc
Entrepreneurship/Self-employment	Some students are engaged in family business like Jari, Garments, Tailoring etc.

30.   Details of Infrastructural facilities

a) Library: Yes, there is a departmental library consisting of approximately 250 books.

b)   Internet facilities for Staff & Students: Yes

c)   Class rooms with ICT facility: Nil d) Laboratories: N.A.

31.   Number of students receiving financial assistance from college, university, government or other agencies: 40-50%

32.   Details on student enrichment programmes (special lectures / workshops /seminar) with external experts: The department organizes seminar to celebrate the birthday of Swami Vivekananda each year. Basic Rock climbing course is conducted by the department under special instruction by Nimai Chand Dan from 2011 onwards. Special lecturers have been provided by the Dept.

33.   Teaching methods adopted to improve student learning: Educational Excursion, Use of Internet, Slide show, Historical Journal etc.

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities: The maximum students of our dept. serve social responsibility through N.S.S.

35.   SWOC analysis of the department and Future plans:

Strength

- Highly focused and devoted Teaching faculty.
- Departmental Library with modern facility like computer with internet and latest Books and Journals.
- Good relationship between Teacher and student.
- Organizing various academic programmes like internal seminar, debates, special lectures and educational excursion etc.

Weaknesses

- Students are weak in English, so pursuing higher studies in this subject becomes difficult.
- Lack of sufficient Teaching faculty.
- High Drop-out rate primarily due to discontinuation on account of financial crisis.

Opportunity

- For progress History is one of the key subjects.

- Wide scope in several areas of Higher education.
- Multiple job opportunities in related fields like translation, Museology, work related to social welfare department.

Challenges

- To convince students to pursue higher education and assure them about the scope of the subject

Department of Mathematics

1.   Name of the Department: Department of Mathematics

2.   Year of Establishment: General course-1964, Honours course-1985.

3.   Names of   Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):   UG

4.   Names of Interdisciplinary courses and the departments/units involved: Nil

5.   Annual/ semester/choice based credit system (programme wise): Annual based credit system.

6.   Participation of the department in the courses offered by other departments:
        The department involved in the teaching, learning process in the courses offered by   the other department, such as Business Mathematics and Statistics of commerce department.

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

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	4	2

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. Prasanta Sinha	M.Phil./ Ph.D.	Associate Professor/ Reader	Topology	13	Nil
Prof. Bankim Nasipuri	M.Sc.	Asst. Professor	OR/Mathematical Biology	10	Nil
Dr. Nishir Ranjan Banerjee	Ph.D.	Guest Lecturer	Integral Transform	30	Nil
Prof. Dipak Kr. Jana	M.Sc.	Guest Lecturer	Functional Analysis	1	Nil

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: No practical classes are assigned to temporary faculty.

13. Student -Teacher Ratio (programme wise)
    i) For Honours course- 27:1
    ii) For General course- 36:1
    iii) For Commerce course- 62:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil. / P.G.
    i) Teaching faculty with M.Phil. and Ph.D-1
    ii) Teaching faculty with Ph.D. -1
    iii) Teaching faculty with M.Sc. -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: Nil

19. Publications: **See Annexure**

∗ 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 b) International Committees c) Editorial Boards: Nil

22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/ programme: Nil
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards/ Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists / visitors to the department:
i) Dr Bijan Bagchi, Dept. of Applied Mathematics, University of Calcutta.

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	
2013-2014 (Hons.)	150		24	17	Not yet completed
2013-2014 (Gen.)			48	13	
2012-2013 (Hons.)	116		27	10	72
2012-2013 (Gen.)			64	14	

M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Hons. & Gen.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Sl. No.	Name of the Students	Passing year	Qualified
1	Dipankar Manna	2004	SSC
2	Mita Routh Dhara	2004	SSC
3	Sanjib Kuila	2005	SSC
4	Partha Sarathi Dhara	2005	SSC
5	Sandipan Patra	2006	SSC
6	Arka Saha	2006	SSC
7	Sk Sarif Hassan	2006	Pursuing Post Doc. in TIFR
8	Manojit Das	2006	NET
9	Hiranmoy Biswas	2007	SSC
10	Dipak Kr Jana	2010	NET, SSC

29. Student progression

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

30. Details of Infrastructural facilities

a) Library: The department has its own departmental library consisting of 300 books which is open for students as well as for faculty. Moreover the college has a central library for lending books which is well stocked with books, different magazine and journals. Besides this each students can lend one book from Book Bank.

b) Internet facilities for Staff & Students: Common internet access in the library. Internet facilities for Staff and students are also available in the departmental lab.

c) Class rooms with ICT facility: Nil

d) Laboratories: Department has a Numerical Laboratory consisting of 6 Computers with a printer along with computing apparatus.

31. Number of students receiving financial assistance from college, university, government or other agencies: A good numbers of students coming from economically weak family receive financial assistance from college's aid fund under the head full/half-free ship

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: None

33. Teaching methods adopted to improve student learning:

Our college offers only UG program. Besides usual class teaching such as chalk and talk with detail board work, we supply different problems to enhance their capability of solving problems. We sometimes give power point presentation to illustrate some topics graphically and lucidly. We emphasize on interactive learning through different questions and discussions within or outside the classroom.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: College has a NSS unit. Accordingly our students participate and involve in different social activities through NSS unit.

35.   SWOC analysis of the department and Future plans:

Strength

- Separate Numerical lab with internet facility.
- Departmental Library with a good number of books.
- Faculty from both the fields Pure and Applied mathematics.
- Students are obedient and very keen to learn.

Weakness

- Lack of full time teachers.
- Majority of our students come from neighboring rural places with. economically weak background this often leads to discontinuation of studies
- Space problem in Numerical lab.

Opportunity

- Being a basic subject in science, there is much demand for this subject in the academic profession
- Students from this department other than pursuing Post Graduation Courses in Mathematics, can join many professional courses e.g., IT sector, Diploma in statistical Data Analysis, B.Tech in Computer Sciences, Instrumentation and Electronics, Instrumentation and communication and Management in Buisness Administration which lead to a good job.

Challenges

- Our students are ordinary in merit and admitted to this course with an average marks.
- In most cases, students are first generation who are studying graduation course. They do not have an aptitude for science and hence this comes as a challenge to the faculty to motivate them.

Future plans

- Conduct seminar, workshop and Conferences.
- Increase number of computers in lab.
- Upgradation of existing infrastructure.

Annexure: Publications

a. Publication of Dr. Prasanta Sinha

- s-cluster set and s-closedness. Analele stintifice ale universitatii " Al.I Cuza" DIN IASI(S.N), MATHEMATICA, Tomul LIV, 2008, f.1 Romania
  ISSN: 1221-8421, I.F-NA

- On s-closed spaces via grills. Proceedings of A. Razmadze Mathematical Institute Vol. 148 (2008), 35-43.
  ISSN: 1512-0007, I.F-NA

- (P, G)-quasi H-closed spaces : A unification. Southeast Asian Bulletin of Mathematics (China) 34(2010) 1-15
  ISSN: 0129-2021, I.F-NA

b. Publication of Bankim Nasipuri

- Spatio-temporal chaos in a Holling-Tanner predator-prey model with Holling type-IV functional response, Int. J. Ecol. Econ. Stat. Volume 31(4), pp 19-40, 2013.
  ISSN: 0973-7537, I.F-Still computing

- Efficient virotherapy of cancer in the presence of immune response, Int. Dynam. Control, DOI 10.1007/s40435-013-0035-8, 2013.
  ISSN: 2195-2698 (Electronic version), 2195-268X (Print version), I.F-Still computing

- Self organized spatial patterns due to diffusions in a Holling-Tanner predator-prey model, Computational and Applied Mathematics, DOI 10.1007/s40314-013-0111-x, 2014.
  ISSN: 1807-0302 (Electronic version), 0101-8205 (Print version), I.F-.452 (2012)

Department of Philosophy

1.   Name of the Department: Philosophy

2.   Year of Establishment: General- 1964, Honours- 1996

3.   Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Intetegrated Masters, Integrated Ph.D., etc.): UG (Honours & General)

4.   Names of Interdisciplinary courses and the departments/units involved: Nil

5.   Annual/ semester/choice based credit system (programme wise): Annual

6.   Participation of the department in the courses offered by other departments: None

7.   Courses in collaboration with other universities, industries, foreign institutions, etc.: None

8.   Details of courses/programmes discontinued (if any) with reasons: None

9.   Number of Teaching posts:

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	2	2

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
Sutapa Roy	M.A., Ph.D.	Assistant Professor	Logic, Epistemology	12	Nil
Anureema Bhattacharya	M.A.	Assistant Professor	Logic	10	Nil
Paromita Bose	M.A.	Part Time Lecturer	Philosophy of Mind	6	Nil
Sriya Bhattacharya	M.A.	Part Time Lecturer	Logic	5	Nil

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 40% of lectures delivered taken by temporary faculty.

13. Student -Teacher Ratio (programme wise):   Honours Course 38:1
    General Course 500:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: None

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil/ P.G.:
    i) Teaching faculty with Ph.D. and M.A. - 1
    ii) Teaching faculty with M.A. - 3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: None

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None

18.   Research Centre /facility recognized by the University: None

19.   Publications: None
∗   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: None

21.   Faculty as members in
      a) National committees b) International Committees c) Editorial Boards: None

22.   Student projects
a)   Percentage of students who have done in-house projects including inter departmental/programme: None

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: None

24.   List of eminent academicians and scientists/visitors to the department:
      None

25.   Seminars/ Conferences/Workshops organized & the source of funding
      a) National: None   b) International: None

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected #	Enrolled		Pass percentage $
			*M	*F	
2013-2014(Hons)	62		08	21	Not yet completed
2013-14 (General)			296	456	
2012-2013(Hons)	100		10	40	83.33
2012-13(General)			224	332	

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Hons. & Gen.	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? 02

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	05%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	0% 100%
Entrepreneurship/Self-employment	

30.   Details of Infrastructural facilities

a) Library: Departmental Library housing approximately 200 books catering to the requirement of students

b) Internet facilities for Staff & Students: Department has one computer with internet access for staff and students

c) Class rooms with ICT facility: None   d) Laboratories: None

31.   Number of students receiving financial assistance from college, university, government or other agencies: 05 (Students Aid Fund)

32.   Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts: Department has organized special lecture on "Euthanasia: Its merits and Demerits" by Prof. Subir Ranjan Bhattacharya, Reader, University of Calcutta in September, 2011

33.   Teaching methods adopted to improve student learning Interactive classes, excursion programme, debates and drama on topics related to the course:

Every year students organize an academic and cultural programme on Teachers's Day to commemorate Radhakrisnan's birthday, the father of Indian Philosophy.

Department has organized excursions to Mayapur (2013) and Belur Moth (2010) with students of all the years of Honours course. Department took the initiative to arrange for special classes on Vaishnav Philosophy and Vivekananda's Philosophy by experts belonging to the religious institutes. Further, interdepartmental debate on "Feminism" was organized in September, 2012, where students of Deptt. Of Geography, English, Economics and Philosophy participated.

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

Students participate in NSS activities and also various programmes undertaken by the Women's Cell like survey concerning the health programme of the college in the locality.

35.   SWOC analysis of the department and Future plans

Strength
- Sincerity of faculty
- Stress on interactive and participatory method of learning
- Interpersonal relation of students and teachers is very warm and close

Weakness

- Lack of sufficient teaching staff.
- Majority of students admitted to the course offered by the department are well below the basic academic level.
- Due to extreme pressure of catering to a huge mass of students, teachers do not get the opportunity to pursue academic upliftment.

Opportunity

- The department has the scope to prepare students in improving the faculty of rational thinking which will facilitate them to appear for competitive exams, and in general all the courses, that is to improve their overall well-being.

Challenges

- The department is under threat of continuous shortage of staff even in the future.
- Gradual qualitative decline in admission level.

Future Plans

- To hold seminars and workshops in the department to commemorate the golden jubilee celebrations.
- To acquire more computers to provide access to students.
- To try and increase the cut off marks during admission to raise the standard of students.
- To enrich the departmental library.

Department of Physical Education

1. Name of the department: Physical Education

2. Year of Establishment: General: 2002

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (in B. Sc and B. A. General)

4. Names of Interdisciplinary courses and the departments/units involved: Physics, Physiology courses and NSS & NCC units

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.: Nil

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	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
Hira Chatterjee	M. Phil.	Asst. Professor	Athletics & Bio-mechanics	07	NA
Shubhankar Roy	P.G	Guest Lecturer	Football &Physiology	–	NA

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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: 25 classes weekly, 16 lectures, 9 practical (64%- lecture, 36%- practical)

13.   Student -Teacher Ratio (programme wise): Practical - 50:1, Lecture- 100:1

14.   Number of academic support staff (technical) and administrative staff; sanctioned and filled: sanctioned- 01; filled-Nil

15.   Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
M. Phil. - 01, P.G. - 01

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: **See Annexure**
∗   a) Publication per faculty: 01
∗   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 b) International Committees c) Editorial Boards:

Hira Chatterjee as a member of expert committee for Text Book writing of West Bengal Council for Higher Secondary Education.

22.   Student projects
a)   Percentage of students who have done in-house projects including inter departmental/programme: None

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: Nil

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

25.   Seminars/ Conferences/ Workshops organized & the source of funding
        a) National   b) International: None

26.   Student profile programme/course wise: (2013-2014)

Name of the Course/programme (refer question no. 4)	Applications received #	Selected	Enrolled		Pass percentage
			*M	*F	
2013-2014	297		60	16	
2012-2013	250		66	17	

*M = Male   *F = Female
Physical Education Department conducts a physical ability test during admissions

27.   Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG Gen.	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- 01

29. Student progression

Student progression	Against % enrolled
UG to PG	17%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities
a) Library: The department has a library having 150 books.
b) Internet facilities for Staff & Students: One Internet connection is available for staff and students.
c) Class rooms with ICT facility: No permanent set-up.
d) Laboratories: No permanent laboratory.

31. Number of students receiving financial assistance from college, university, government or other agencies: At least 10 students per year from students' aid fund

32. Details on student enrichment programmers (special lectures / workshops / Seminar) with external experts: By departmental seminar.

33. Teaching methods adopted to improve student learning: By Demonstration method and by using audio-visual aids.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: All students of this department are either N.S.S or N.C.C member. They take part actively in all community service activities.

35. SWOC analysis of the department and Future plans

Strength

- The subject itself. It is very dynamic and multi-disciplinary subject.
- The fellow feelings of the students and hard working staff and students

Weakness

- Insufficient playground
- No permanent Laboratory
- Lack of instruments
- Lack of permanent sufficient staff

Opportunity

- Sports Journalism and Marketing
- Sports Management & Coaching
- Physiotherapy & Yoga Therapy

Future Plan
- Full phased laboratory with sufficient instrument
- Class room with permanent ICT set-up

Annexure 1: Publications

Hira Chatterjee:

1. Number of papers published in peer reviewed journals (national / international): **01**
2. Chapter in Books: **02** in Higher Secondary book published by Govt. of West Bengal.

Department of Physics

1.   Name of the department: Physics

2.   Year of Establishment: General: 1968, Honours: 2002

3.   Names of   Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours & General)

4.   Names of Interdisciplinary courses and the departments/units involved: None

5.   Annual/ semester/choice based credit system (programme wise): Annual credit system under C.U.

6.   Participation of the department in the courses offered by other departments: None

7.   Courses in collaboration with other universities, industries, foreign institutions, etc.: None

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	04	02

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
Dolan Champa Saha	Ph.D., M.Sc.	Assistant Professor	High Energy Physics	10	0
Sanjib Kumar Kar	Ph.D., M.Sc.	Assistant Professor	Atmospheric Physics	6	0
Subhasish Das	M.Sc.	Part Time Teacher	Astrophysics	3	0
Souman Paul	M.Sc.	Part Time Teacher	Solid State Physics	3	0
Sudeb Chandra Das	M.Sc.	Guest Lecturer	Solid State Physics	30	0

11. List of senior visiting faculty: None

12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty: 40.5%

13. Student -Teacher Ratio (programme wise): Hons : 40:5 , General 128:5

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Instrument Keeper -1 (filled), Bearer - 2 (filled 1)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.: Ph.D. - 2, PG - 3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: None

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None

18.	Research Centre /facility recognized by the University: None

19.	Publications: None
∗	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: None

21.	Faculty as members in
	a) National committees b) International Committees c) Editorial Boards: None

22.	Student projects
a)	Percentage of students who have done in-house projects including inter departmental/programme: N.A.

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: None

24.	List of eminent academicians and scientists/ visitors to the department
	1. Dr. Dipak Ghosh, Emeritus Professor, Jadavpur University
	2. Dr. Premomoy Ghosh, Senior Scientist, VECC, Kolkata

25.	Seminars/ Conferences/Workshops organized & the source of funding:
	a) National: None b) International: None

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected #	Enrolled *M	Enrolled *F	Pass percentage $
2013-2014(Hons)	111		14	4	Not yet completed
2013-14 (General)			43	21	
2012-2013(Hons)	118		24	07	100
2012-13(General)			56	14	

*Result awaited as on Nov, 2013; *M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Honours & General	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
    Last 5 years: NET – 1, SLET – 0,   WB SSC: 12, JECA- 3

29. Student progression: 2012 – 2013

Student progression	Against % enrolled
UG to PG	0
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	1
Entrepreneurship/Self-employment	4

30. Details of Infrastructural facilities

a) **Library:** Our Department has small library of its own. It contains 179 volumes, mostly related to the curriculum providing ready reference during both the classroom teaching and later interactive sessions. Thus the student's accessibility, borrowing limits and, faculty interactions are greatly enhanced. Moreover, we supplement the library with Science Reporter, a monthly magazine

b) **Internet facilities for Staff & Students:** Department has one Pentium IV based computer with unlimited internet facility for its Staff and Students.

c) **Class rooms with ICT facility:** Though Department does not have class room with ICT, it has 4 computers at its students disposal for regular course work. Both the Honours and General courses have computer programming in the syllabus. We have acquired the 'Hyper Physics' CD which encapsulates the syllabus in a very convenient form.

d) **Laboratories:** Our department offers both its General and Honours students, well-maintained laboratories with all the essential amenities. It consists of a 1240sq.ft main lab, 460sq.ft. Honours lab, 3 optical labs and a 140 sq.ft. Computer lab.

31. **Number of students receiving financial assistance from college, university, government or other agencies in 2012- 2013:** 3 full-free studentship from college.

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

   To commensurate the greatest global achievement in the field of Science and Technology, i.e. confirmation of existence of Higgs Boson at Large Hadron Collider, Geneva we conducted a day-long seminar on Sept. 11, 2012. The title of the seminar was "Ishwar Kana – Brahmander Utso Sandhane". We were honoured to have two eminent speakers to deliver talks on Higgs boson and Large Hadron Collider. Prof. Dr. Dipak Ghosh, Emeritus Professor of Jadavpur University, well-renowned for his lucidity in the realm of High Energy Physics and Dr. Premomoy Ghosh, Senior Scientist, VECC, Kolkata who has worked at LHC, Geneva. Not only our students and staff, but students and teachers of eight schools of our locality attended the seminar.

33. **Teaching methods adopted to improve student learning:**

   The mother tongue of the students is Bengali- however for higher studies this is a setback. This causes extreme difficulty and confusion in the classroom for students and teachers alike. Thus in first couple of months we adept to teach in Bengali using English terminologies, and then we gradually switch over to English, so that they can follow text books and ultimately write their exam in English. Moreover as our students are not so strong academically, they need slower rate of teaching than that is prescribed by the

university. We comply with them and provide extra classes for their benefit, both in theory and practical.

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

Department always encourages its student to be socially responsible within the Institution and also outside it through designated NSS programs taken up by the College. They are made responsible for cleanliness of their classrooms and laboratories. They are encouraged and taught to maintain the discipline within the college. They are also taught to handle the laboratory instruments and library books with care. Through such practices, it is hoped that our future generation will be responsible for public properties of our country.

35. **SWOC analysis of the department and Future plans**

Strength

Our students come from an economically weak background we find them to be hard working and obedient. This is very encouraging to the sincere technical staff and our faculty. Our teachers have strong academic background and are dedicated to the well being of the students and the reputation of the College. The founders of PJC were idealistic visionaries. Hence, the basic infrastructure of the physics lab – space, furniture and design- is comparable to the best institutions around here. The current equipment, though not fully adequate for the future needs, are well maintained by the caring staff and faculty.

Weakness

The rural setting from which our students come does not provide them with solid foundation for higher study. Usually they do not find a good academic environment in the family and their schooling is often very inadequate. The location of our college coupled with insufficient Government funding is responsible for severe shortage of permanent faculty and staff. It is also critical in preventing us from obtaining the equipment that are needed as per the current syllabus.

Opportunity

Hence it is clear that opportunities for our graduates are limited. It is still a matter of pride that some of our students have pursued higher studies like M.Sc. and MCA and found gainful employment in schools, IT industry, Bank, etc.

Challenges

Our challenge is to enrich our students with quality education to help them overcome the cycle of poverty and discrimination and live with quiet dignity as a worthy citizen of India.

Future plans

In the coming year Department will endeavour to procure much needed equipment for its lab, and more books for its departmental library and more internet connections to its all existing computers for its students. We have also plans to have sessions once a month where our students and teachers may exchange their views on current traits of Physics.

Department of Political Science

1. Name of the Department: Political Science

2. Year of Establishment: General -1964, Honours- 2003

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (Honours & 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: Nil

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

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	01 (by promotion)
Asst. Professors	02	Nil

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
Soumitra Chakraborti	M.A.	Associate Prof.	Political Thought	24	00
Mithun Das	M.A., M.Phil.	Guest Lecturer	International Relations	05	00
Mouha Bhattacharya	M.A.	Guest Lecturer	International Relations	05	00
Khitish Bhatta	M.A.	Guest Lecturer	International Relations	02	00

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 50% (10 Theoretical Classes taken by each Guest Lecturer per week.)

13. Student -Teacher Ratio (programme wise): Hons-1:20, Gen-1:150

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt/ Ph.D/ MPhil/ PG:
    Teaching faculty with M.Phil. and M.A. - 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: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: None

∗   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

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: 20%

b)   Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 05 to 10%

23.   Awards / Recognitions received by faculty and students:
        Sri Soumitra Chakraborti is the editor of the magazine "Diganta" published by Teachers' Council.

24.   List of eminent academicians and scientists/ visitors to the department:
        1. Dr. Rashed Ali – Professor, Dept. of History, Calcutta University
        2. Dr. Zafir Ahmed – Associate Professor, Dept. of Chemistry, N. D. College

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	
2013-2014 (Hons.)	106		08	14	Not yet completed
2013-2014 (Gen.)	-	-	133	165	Not yet completed
2012-2013 (Hons.)	95		09	23	93.75
2013-2014 (Gen.)	-	-	130	143	-

*M = Male   *F = Female

#: Every applicant who qualifies University norms is included in the merit list through on-line admission. As per intake capacity approved by Calcutta University students are enrolled strictly on merit basis.

$ Results pertains to Part-III (Hons)

27.   Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Hons. & Gen.	100%	Nil	Nil

28.   How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No records.

29.   Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	No records
PG to Ph.D.	No records
Ph.D. to Post-Doctoral	No records
Employed • Campus selection- NO • Other than campus recruitment	Employed through SSC,PSC, Banking, Defence, Pvt. Company etc
Entrepreneurship/Self-employment	Some students are engaged in family business like Jari, Garments, Tailoring etc.

30.   Details of Infrastructural facilities

a) Library: Yes, there is a departmental library having about 250 books to fulfill the academic need of the students.

b)   Internet facilities for Staff & Students: Yes, students get access to internet facilities which help them to update in current affairs.

c) Class rooms with ICT facility: N.A. d) Laboratories: N.A.

31.   Number of students receiving financial assistance from college, university, government or other agencies: 40-50%

32.   Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts: Every year, Department organizes a Seminar on "Nabi Dibas". Remedial class and special lecturers are also provided by the Dept.

33.   Teaching methods adopted to improve student learning: Educational Excursion, Use of Internet, Slide show, Political Journal etc.

34.   Participation in Institutional Social Responsibility (ISR) and Extension activities: The Teachers of the Department always encourage the students to perform social work and make them conscious about the social evils like illiteracy, corruptions, superstitions etc and eradicate those evils. The maximum students of our dept. serve social responsibility through N.S.S.

35.   SWOC analysis of the department and Future plans:

Strength

- Teachers of the department are updated with the latest political developments, problems and publish articles in this regard in different magazines. Teachers are engaged in various activities and programmes of the department which are beneficial to the students.
- Good teacher-student relationship ensures future orientation of the students.
- The students are very much enthusiastic to participating in debates, group discussion, cultural activities etc. It is for them the Department is able to publish its own Magazine "ATTIHCK". To mention here also the HOD is the editor of the Magazine published by the Teachers' Council named as "DIGANTA".

Weaknesses

- Since the students come from rural background, many of them belong to below poverty line. They engage themselves in different types of work to support their family financially whereby they suffer academically.

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- Faculty position lying vacant for a long time.
- Lack of job opportunity in this subject.

Opportunity

Many of our students are engaged in media, survey works and NGOs. The need of the day is sound theoretical knowledge in politics to become educated politicians and good administrators thereafter.

Challenges

The students are coming to college with high score in their H.S. exam. Though it looks encouraging but within a few days we find that they are seriously lacking on various basic issues. Gradually some of them become psychologically affected which damage their confidence while encountering the demanding reality of Hons. course so our challenge is to instill in them love for the subject. We must make them realize that they have to work hard if they want to build good academic career.

Profile of B.A. /B.Sc/ B. Com (General) Students

Student Profile :

Stream	2010-2011		2011-2012		2012-2013		2013-2014	
	M	F	M	F	M	F	M	F
B.A.	266	376	258	270	367	355	384	408
B.Sc.	67	13	45	10	44	14	30	35
B.Com.	56	10	66	05	64	05	67	03

Academic Profile :

Year	Results (Part III)			
	Course	Appeared	Qualified	Success %
2009-2010	B.A	182	144	79.12
	B. Sc	84	39	46.43
	B. Com	78	31	39.74
2010-2011	B.A	290	198	68.27
	B. Sc	47	34	72.34
	B. Com	80	45	56.25
2011-2012	B.A	286	273	95.45
	B. Sc	44	44	100
	B. Com	80	65	81.25
2012-2013	B.A	367	194	52.86
	B. Sc	34	29	85.19
	B. Com	26	18	69.2

4. POST-ACCREDITATION INITIATIVES

Academic :

Introduction of Undergraduate general courses in Sanskrit and Education in 2014

Spoken English and basic computer training for SC/ ST/ Minority/ OBC non creamy layer (under Merged Scheme)

NLIST membership of all staff in 2013

State Level Seminar on Rural Technology in 2010

Conducting all Calcutta University Honours Practical Examinations in the College

Centre for Geography Honours Practical Part II Examination of Calcutta University

Administrative :

Perspective plan for future development have been formulated

Introduction of online admission from 2011

Inclusion of admission database into the already running software of the college

Introduction of digital I-card for students

Gender harassment cell and IQAC (08.04.2009) have been formed

Women empowerment through Women's Cell

Students' Health Home has been revived

Infrastructure :

New internet connection in the staffroom, Geography, Commerce, Physics and Maths in 2012

New internet connection in Philosophy, Physical Education, Chemistry, History, Political Science, Commerce, Accounts Division, Computer Science, Library, NAAC office , central administration in 2013

Smart Room

Digital Library

Power station

Wi fi system

Water Cooler and Aquaguard installed in 2012

Introduction of three more computers in the office

Gymnasium has been revived with equipments

College Authority has communicated with WEBREDA for installation of grid connected solar electricity system

5. 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.

Signature of the

Head of the institution

with seal:

Place:

Date: