

SELF-STUDY REPORT



For
ASSESSMENT
and
ACCREDITATION

Submitted by

**NABADWIP
VIDYASAGAR
COLLEGE**

ACCREDITED

B

BY

NAAC 2007

PaccaTole Road, P.O. Nabadwip,

District. Nadia, (West Bengal), India, Pin – 741302, Phone: (03472)240014

e-mail: nvcollege1942@gmail.com

Date: December 31, 2015



*Nabadwip Vidyasagar College
Nabadwip, Nadia.*

স্বা বিদ্যা যা বিমুক্তয়ে

Education is what liberates

Nabadwip Vidyasagar College

“Educated men are as much superior to uneducated men as the living are to the dead” Aristotle: Quoted by Diogenes Laertius

“Education is a social process.... Education is growth.... Education is not preparation for life; Education is life itself John Dewey.

Only the Educated are free Epictetus: Discourses

The prosperity at a country depends, not on the abundance of its revenues, nor on the strength of its fortifications, nor on the beauty of its public buildings; but it consists in the number of its cultivated citizens, in its men of education, enlightenment and character. Martin Luther.



Nabadwip Vidyasagar College

NABADWIP, NADIA

Date.....31.12.2015..

Ref.No..NAAC/2015-16/02

Certificate of Compliance

(Affiliated/Constituent/ Autonomous Colleges and Recognized Institutions)

This is to certify that *Nabadwip Vidyasagar College* fulfils all norms

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

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

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

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the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn.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

Date: 31.12.2015
Place: Nabadwip


Principal
Nabadwip Vidyasagar College

Principal & Secretary
Nabadwip Vidyasagar College

From Principal & Secretary,

Ph: (03472)240014



Nabadwip Vidyasagar College

NABADWIP, NADIA

Date.....31.12.2015..

Ref.No.. N.A.A.C./2015-16/03

From: The Principal, Nabadwip Vidyasagar College

To
The Director,
National Assessment and Accreditation Council (NAAC)
P.O. Box No. 1075, Nagarbhavi,
Bangalore 560072
India

Subject: Uploading the SELF STUDY REPORT 2015 of NABADWIP VIDYASAGAR COLLEGE, Puccatol Road, Nabadwip, Nadia, Pin-741302, West Bengal, for the 2nd Cycle of Accreditation, in our official Website: www.nvcollege.in

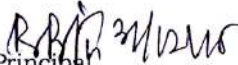
Sir,

In compliance with our LOI requirements for the 2nd Cycle of accreditation, we are uploading our SELF STUDY REPORT in our official Website: www.nvcollege.in for your kind perusal.

I shall be looking forward to hearing from you about your decision regarding peer team visit to our Institution.

Thanking you,

Yours faithfully,


Principal
Nabadwip Vidyasagar College

Principal & Secretary
Nabadwip Vidyasagar College

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Preface

Nabadwip Vidyasagar College, established in 1942, is the second oldest and the second largest (sofar as student strength is concerned) college of Nadia district. The college owes its origin to Calcutta Vidyasagar College which during the Second World War bombing shifted its venue partly to Nabadwip and partly to Suri, the district headquarters of Birbhum. Since then Nabadwip, an ancient celebrated seat of learning with Chaitanya Mahaprabhu fame got its only centre of higher education in modern times. Geographically located on the border of Nadia and Burdwan districts, the college has to cater the higher educational needs of a vast number of students hailing mostly from educationally and financially backward families. To mention in this connection, the district of Nadia figures in the UGC educationally backward district list. In 5th March, 2007 the college was inspected by NAAC Peer Team and was awarded 'B' grade. Since the visit the college had been trying its best to implement the recommendations of the Peer Team and achieved success to a great extent.

Recommendations of the Peer Team and their implementations

The post of the principal had been filled in on 16 April, 2008.

Twelve Teachers have joined the institution to strengthen the Teaching staff strength however, Seventeen have left the institution on retirement, death and three teachers have left to join University faculties or as Principal.

A regular P.G. course in Sanskrit and three other P.G. Courses namely Bengali, English and History in DODL mode have been introduced. Career oriented communicative course introduced with UGC financial assistance has experienced not unalloyed success.

A large number of computers have been provided in the office, Library and departments. In fact, the college administrative and other offices are partially computerized while all the science departments have computer facilities, Eleven internet connections are also there for the use of teaching faculty as well as the students.

Five self-financing courses (now renamed Enhanced fees courses) have been introduced. These are Education, Environmental Science, Physics, Botany and Philosophy.

Efforts have been made to develop communication skill and computer awareness among the students. A computer laboratory has been setup with a pull of as many as thirty computers. The use of computer is also part of the syllabi of a number of departments and the admission process being totally on-line the students have developed computer awareness and skill to a great extent.

The college suffered from an acute space crunch and could not introduce any modern course. The University of Kalyani, the affiliating University sanctioned permission for the introduction of the course of Microbiology and Biotechnology a few years ago. But considering the space problem and other infrastructural weaknesses the college could not go for it. However the space problem now solved to a great extent, the college has a plan to introduce these courses in near future.

The functioning of the library has been computerized. There is also internet facility by which the students can avail themselves of E-books and E-journals.

The library has now seven computers and internet connections which will be strengthened in the next financial year

The post of the Librarian has been lying vacant since 11.02.2001 The West Bengal College Service Commission is the recommending authority for the appointment of Librarians in college. Requisition (one point roster) for filling up the post has been submitted long ago and a librarian was recommended in the year 2011 but the candidate did not join the post. Since then we are yet to receive further recommendation. However, the college has appointed a qualified, full time librarian on contractual basis.

During the Peer Team visit in 2007 the college had only one photocopy machine. At present there are as many as four photo copying machines in the college- one in the Principal's Secretariat, one in the Library and One/Two in the college office.

The college has now installed Koha Library Software i.e. open source for automation in different subjects. The students and teachers have access to E-Journals with the introduction of internet facility and INFLIBNET N-List programme.

Paucity of fund as well as suitable land did not allow the college to construct an auditorium. But we have built a seminar hall which, with its modest facilities, is used for organising seminars, workshops, awareness programmes and meetings on large scale. Efforts are made to record the student progression as far as possible. The introduction of computer and other departments help up greatly in this work.

The Alumni Association has been started and it holds occasional meetings. But its activities are yet to get momentum and the much desired involvement of the Alumni in the developmental works of the college has not been achieved.

The NSS and NCC units carry on the extension activities to help the down trodden and to bring about social concern among the students. In the recent years the activities of these two units have been intensified. They are being involved in the welfare activities more and more. The co-ordinator of our NSS unit has been adjudged the best coordinator in the University.

As we have mentioned before, the NSS unit has strengthened its flow of social work and a full time permanent teacher has been appointed NSS officer. The University of Kalyani, in a recent meeting of its Executive Council, the second highest Governing Body of the University has decided to include NSS activities in the curriculum and we hope this decision will have a far reaching positive effect on the student community in redefining the social commitment of the students.

The College maintains a separate NSS account and the NCC accounts are properly maintained.

The NSS unit now organizes NSS camps more frequently.

The Placement cell has been established but it must be admitted, it has a long way to go.

An Internal Quality Assurance Cell (IQAC) has been set up and efforts are on to make it more effective.

Education, it is redundant to say, is a continuous process and the college had been tirelessly striving to extend its fold in different directions of higher learning to produce cultivated citizen and we must admit, it's a saga of both failure and success.

Nabadwip being a semi urban area and the student population mostly having a rural as well as first learning background, the so called academic excellence is far to seek here. But despite all odds some of the students make marks of commendable achievement and the overall academic success rate is satisfactory. The college has walked a long way since its initial accreditation in 2007, introducing five Honours courses (Philosophy, Education, Economics, Environmental Science and Physics- all Enhanced Fees courses) a regular M.A. in Sanskrit course and three M.A. (Bengali, History and English Courses) on D.O.D.L mode.

Good and extensive research work is one of the preconditions of higher education "There is nothing permanent except change" said Heraclitus and to cope with this change research is absolutely necessary. Dynamism is the keynote of human civilization and hence, we must all obey the great law of change. It is the most powerful law of nature, as advised by Edmund Burke. A number of teachers in the college have been conducting research works with UGC minor research grant. Teachers of the college are involved in regular academic pursuits by taking part in various national and international seminars, workshops, conferences and symposia Dr.Dhrubajyoti Sarkar, Deptt. of English Participate and Presented papers in the international conferences held in Australia (2011-2012), Oxford (2012-2013) Smt. Sutapa Saha Mitra, Deptt. of History, participated and presented papers in the international conferences held in Macau, China (2013-June) and Mr. Nirmalendu Ganai, Deptt. of Physics, participated and presented papers in the international conferences held in Italy respectively, Mr.Nirmalendu Ganai, Deptt. of Physics has been selected for a post-doctoral research work in Germany and is going to join in January 2016. Two members of the teaching faculty one in English and one in Mathematicshave joined the University of Kalyani and the University of Calcutta P.G. Departments respectively. One senior teacher of the Chemistry Department has joined as Principal in a Calcutta College. Although their departure has emaciated to some extent the existing strength and stamina of the respective departments, it no doubt testifies to the academic excellence of the College faculty. College authority encourages research work and within its limited resources it has sanctioned a token amount for carrying out research oriented activates.

Learning as well as research, needless to say, requires a good environment and infrastructure. The college has undergone a sea change so far as infrastructural facilities are concerned. (The pictures appended herewith- one during the 2007 NAAC visit and the present one will corroborate the fact). The front portion of the college building has been totally changed after demolishing the dilapidated one and erecting a three storeyed structure of 139.3546 square mt. The main campus of the college stands on a sixty five cottah land of which twenty three cottahs remained unused with an age old low lying plot with a ditch in its heart. The land has been scientifically reclaimed and a three storied annexe building has come up. The Premises of the college in the rear part borders on the campus of Nabadwip Bakultal High School, the best school of the vicinity. It Boys' Hostel Building had been lying abandoned for a long time. The college has got hold of

this building on lease basis and a high compound wall had been erected, ensuring the safety and security of the main campus of the college. The establishment of an ATM counter of SBI is another remarkable achievement of the college and a step, though small, to its own resource mobilization process. The college has an Anti-Ragging Cell, a Career Counselling Cell and a Grievance Redressal Cell, A big green generator purchased by UGC grant and another by the college fund ensures the uninterrupted and eco-friendly power supply of the college. The NCC and NSS units carry on their activities with a great deal of motivation. The NCC unit of Nabadwip, we are proud to declare, is the largest NCC unit in the state. Mr. Akhil Sarkar, an Assistant Professor in the Deptt. of History has recently undergone a three month Training with considerable financial assistance from the college. Mr. Pijush Bhadra, an Assistant Professor in the Deptt. of English is going to take part in the next training programme in the same way. A NSS officer has been appointed from amongst the full time permanent teachers. The Co-ordinator of our NSS Units has been adjudged the best Co-ordinator of the colleges affiliated to Kalyani University. The college has created two small gardens, one at the rear portions of the main campus and one at the SC/ST Boys' Hostel campus. To strengthen the greenery efforts have been made.

The college has achieved a great deal of success in IT enablement. Computer and internet facilities have been introduced on large scale. This has facilitated the works of Administration, accounts application (COSA), Library (NLIST from INFIBNET). The total admission (1st year online basis and 2nd, 3rd year off line basis) and submission of students' fees being done on line, the minimization of error in the process has been achieved. Data base of the students' teachers and non-teaching staff has been built to a great extent. IQAC has been set up which looks after the quality aspect of the college. The Journey of the Alumni Association has started but it is yet to proceed on a faster pace.

“Education is the manifestation of the perfection already in man”- said Swami Vivekananda. Education does not mean only to help a learner earn his/ her living. The purpose of education is to achieve ‘a puramanush’ i.e., a complete man as Tagore enumerated. A holistic approach is needed so that a young learner is developed physically, mentally and spiritually. In an age of rapidly growing utilitarianism, consumerism and self-centeredness, the sacred duty of an educational institution is to orient the young minds not to seek the path of self aggrandisement alone but to work for the society as a whole (Bahu Jan Hitaya Bahuyana Sukhaya cha). Nabadwip has a glorious tradition of self sacrifice and social commitment as the birth place of Sree Chaitanya, the apostle of unbounded love, peace and humanity and Pundit Iswar Chandra Vidyasagar the college is dedicated to whose memory stood for all the humanity can boast of. Keeping in mind the lives and works of these two great sons of India and the sacred memory of Bano Ramnath (Ramnath Tarkasiddhanta- an iconic figure in the field of the glorious and celebrated academic tradition and heritage of Nabadwip, Nabadwip Vidyasagar College is committed to disseminating higher education in as many directions as possible for the overall development of the students and help them achieve a meaningful existence in life.

Executive Summary-

The SWOC analysis of the College

Strengths:

The college boasts of a multicultural and multi-dimensional environment upholding the glorious tradition of liberty of all forms, social equality, humanism, peace and fraternal feeling and an all encompassing love for all as preached by Chaitanya Mahaprabhu and Pandit Iswar Chandra Vidyasagar.

- ❖ Extremely dedicated, motivated and highly qualified teachers try to maintain and upgrade the academic as well as other standards of the College.
- ❖ The promotion of institution-neighborhood network and involvement of the students in diverse activities with socially and economically challenged section of the society instill among them a sense of social and civic responsibility leading to their holistic development as “cultivated” citizen.
- ❖ Special attention is provided for students who are first learners in the form of tutorial classes and ‘slow learners’ through teacher-student close interactions.
- ❖ Extensive use of resources and well stocked computerized library and reading room facilities provide the students opportunity for academic and other pursuits within and beyond curriculum.
- ❖ The college has achieved a great deal of success in the use of technology as far as possible by introducing the use of computer, internet facilities and other E-resources.
 - I. Introduction of online admission process ensures complete transparency and almost error free process.
 - II. Data base building and works in all sections including administration, library and learner related matters have become easier, fast and almost zero error affairs.
- ❖ The burden of collection of fees and other financial transactions shouldered by the local SBI branch has lessened the work load of office to a great extent, resulting in minimizing the negative effect of the emaciated staff strength.
- ❖ The Personal Counselling Cell and the Grievance Redressal Cell address the problems of the students.
- ❖ The college has taken up programmes to augment the greenery, by creating two small gardens initially and boosting the tree plantation campaign.
- ❖ Measures have been taken to improve the environmental health of the college by making arrangements for suitable disposal of laboratory wastes, E-wastes and making the campus a plastic free zone.
- ❖ The toilet/washroom facilities of the college with such a huge number of students were in adequate. A good many number of toilets have been added and drinking water facilities have been augmented. Two water coolers have been installed to provide safe and cool drinking water during the dog days of summer.
- ❖ Value-based education.

Weaknesses:

- ❖ Lack of class rooms for holding extra or remedial or tutorial classes.
- ❖ Emaciated staff strength both in the teaching and non-teaching sections.
- ❖ Appointment of a permanent full-time librarian as per recommendations of West Bengal College Service Commission and on the Government pay-roll.
- ❖ Huge number of students and the poor teacher/administrative staff: student ratio.
- ❖ Absence of a suitable playground.
- ❖ Absence of a modern well-equipped auditorium.
- ❖ Dependence on Government agencies to implement UGC projects. We could not utilize the second installment of UGC grant for building Women's Hostel as the PWD, Nadia is entrusted with the Deposit Scheme Work as per UGC norms.
- ❖ Inadequate fund for introducing various courses both traditional and modern job-oriented.
- ❖ The system introduced by the DPI a few years ago to deposit 50% of the total tuition fees earned by the college at the DPI office.
- ❖ The DPI office takes inordinate time for pay fixation of teachers and other staff. Twelve teachers have joined the college more than one year ago and pay is yet to be fixed. The college provides an advance amount which will be adjusted when the DPI fund is received. This exerts a considerable pressure on the college fund.
- ❖ Students' weakness in communicative skills.
- ❖ Less interaction of the students with outside world.
- ❖ Examination-oriented study rather than knowledge-oriented study.
- ❖ Not enough students seeking admission in Commerce and the Science(general) stream.
- ❖ No introduction of new multi-disciplinary courses.
- ❖ Very little say in the designing of syllabi and curricula.
- ❖ Little use of UGC-sponsored seminars and research projects.

Opportunities:

- ❖ Establishment of the IQAC after the first cycle of NAAC and its activities have sensitized the departments regarding quality control, record maintenance, utilization of fund, academic expansion and collaborative effort. In fact, introduction of the accreditation and assessment process by NAAC has come up as a blessing to the somewhat moribund state of affairs in many higher educational institutions in India. It has not only given them a new lease of life by shrugging of the indifference and indolence but galvanized them to work with renewed vigour and energy.
- ❖ Introduction of an increase in volume of financial assistance by Government and non-government organization in the form of scholarships, stipends, free ships and programmes like **Kanyashree** to meritorious, educationally and financially backward students, students belonging to the weaker sections of the

society and above all the girl students(The Kanyashree Prokholpo introduced by the state Govt.) serve as a boost for pursuing higher education.

- ❖ The participation of students in academic programmes like seminar, workshops, debates and various competitions act as motivation for the pursuit of higher learning and research.
- ❖ Value education programmes, NSS and NCC activities in rural areas and amongst slum dwellers instill in the minds of the students a deep sense of social responsibilities and fellow feeling and exhort them to act selflessly for the betterment of the society as a whole.
- ❖ Faculty members are provided ample opportunity to carry on research work, pursue their Ph.D. programme, participate in Orientation Programme and Refresher courses and present their intellectual harvest in the national and international journals.

Challenges:

- ❖ There is not much scope for innovative teaching- learning technique due to constraints in syllabi and annual academic schedule designed by affiliating university. It takes an exorbitant time in conducting the three part examination process (about three months) resulting in the erosion of teaching-learning days.
- ❖ The teaching and non-teaching posts lying vacant for a prolonged period, the college has to appoint guest lectures and casual non-teaching staff from its own resources. It is a taxation on the college fund which could have been utilized for developmental purpose.
- ❖ The retirement of teaching staff and departure of teachers to join other assignment for post-doctoral works often disturb the staff strength and the department concerned has to suffer till the new incumbent takes charge. Here too, the government initiative is too tardy to fill in the vacancy caused by the above mentioned factor or FIP programmes. The college has to bear the brunt of financial burden for replenishing the reduced staff strength both in the teaching faculty and the non-teaching post.
- ❖ The infrastructural upgrading cannot keep pace with the increase in intake as instructed by the concerned affiliating university and as a resultant factor there is hardship to the student community and the institution as a whole.
- ❖ Our college like most other higher educational institution is going through a transitional period of converting the paper based official and other works into a paperless technology enabled system for which a change of mindset and skill orientation are necessary. This is no small challenge and we are coping with it as per demands of the time.

S.O. Strategies:

- ❖ Upgradation of smaller classroom, particularly in the science department almost fully technology enabled classroom introducing modern facilities including WiFi connectivity.
- ❖ Converting the administrative wing into environmental friendly paperless computer based office.

- ❖ Mobilizing the own resources of the college by using the Twelve Bigha low-lying land, where the women's hostel is built on PPP model with any bank or organization of reliable and reputed credentials.
- ❖ Revamping of the students Health Home and providing better facility to the students regarding health and hygiene matters.
- ❖ Maintaining better liaison with the local civic body, block and district administration for various developmental works of the college and implementing student related government programme.

W.O. Strategies:

- ❖ Mobilizing fund from Alumni and other resources to extend its development activities as well as to increase the student aid grant from the college fund for needy students who fail to get financial assistance from government or external agencies.
- ❖ To motivate the teachers to be involved in more research work and start more collaborative efforts with institutions of higher learning inside and outside the state as well as the industry.
- ❖ To pursue more assiduously the DPI office and College Service Commission for filling up the vacant posts of teachers, librarian and non-teaching staff.
- ❖ Nabadwip Vidyasagar College being one of the oldest and largest colleges in the University, we will approach the University authority for greater representation of our faculty in the different decision making bodies of the University.
- ❖ To approach the DPI office for creating new posts for newly introduced departments and sanctioning of the staff pattern which has been lying in the DPI office for a pretty long time.

S.C. Strategies:

- ❖ A sincere and concerted effort by the teachers for complete grooming of the students through various academic and value education programmes motivate them remain focused in their vision and achieve their goal despite various unavoidable external deterrent factors.
- ❖ Updating and consequent upgradation of infrastructural strength related to the optimal use of modern technological advancement.
- ❖ The paucity of fund for purchasing books and journals in the library can be coped with by extending access to E-books and E-journal facilities in the library as well as including institutional library within library networking circle.
- ❖ Maintenance of strict discipline for the students, teaching and non-teaching staff, thereby ensuring a healthy environment for work.
- ❖ Involving the teachers and non-teaching staff exhaustively in the sub-committees for smooth running of the college despite the possibility of superannuation, resignation and long leave of them on various grounds.

W.C. Strategies:

- ❖ Taking recourse to technological help and adopting the modern management technique to overcome the difficulties of running the college with depleted staff strength.
- ❖ Generating resources and creating fund for maintaining –
 - I. The general well being of the college.
 - II. Keeping the technological equipment in fully operational conditions.
- ❖ Motivating students to utilize opportunities available to them as much as possible to be the architect of their own lives.

Profile of the College

1. Name and address of the college:

Name:	Nabadwip Vidyasagar College		
Address:	Pacca Tole Road, P.O: Nabadwip, Dist: Nadia, Pin-741302		
City:	Nabadwip	Pin-741302	State: West Bengal
Website:	www.nvcollege.in		

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Buddhadeb Bandyopadhyay	O: 03472-240014 R: 03472-242730	9433124443	03472 240014	buddhadebnvc@gmail.com
IQAC Co-ordinator	Dr. Joydip Dasgupta	O: 03472-240014	9433449776	03472 240014	dasguptajoydip@gmail.com

3. Status of the of 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. Is it a recognized minority institution?

Yes

No

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

 NA

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other (Tuition fees and other fees from the students)

7. a. Date of establishment of the college: 5th March 1942 (yyyy)

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

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	1 st February, 1958	
ii. 12B		

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

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

Under Section/clause	Recognition/Approval details Institution/Department/ Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	-	-	-	-
ii.	-	-	-	-
iii.	-	-	-	-
iv.	-	-	-	-

(Enclose the recognition/approval letter)

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

Yes

No

If yes, has the college applied for availing the autonomous status?

Yes

No

9. Is the college recognized
 a. by UGC as a College with Potential for Excellence (CPE)?
 Yes No

If yes, date of recognition: (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 * Semi-urban	Semi-Urban
Campus area in sq. mts.	6518.33 sq. mts
Built up area in sq. mts.	3000 sq. mts (approx.)

(* 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
 - * NCC Rifle Shooting range

• Hostel

- * Boys' hostel
 - i. Number of hostels: 1(SC & ST)
 - ii. Number of inmates: Nil
 - iii. Facilities (mention available facilities): Nil
- * Girls' hostel
 - i. Number of hostels: 1 (under Construction)
 - 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 (given numbers available -- cadre wise)

Cadre	Number of quarter
Teaching Staff	-
Non-teaching Staff	-
Total	-

- Cafeteria

- Health center –
First aid -

Inpatient, Outpatient, Emergency care facility, Ambulance.....
Health center staff –

Qualified doctor Full time Part-time

Qualified Nurse Full time Part-time

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

12. Details of programmes offered by the college (Give data for current academic year) 2014-2015

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/approved Student strength ¹	No. of students admitted ²
	Under-Graduate	B. A. (Honours) in	3 years	H.S.			
		Bengali			Bengali	221	211
		English			English	85	76
		History			Bengali & English	190	122
		Political Science			Bengali & English	119	13
		Philosophy			Bengali & English	75	47
		Sanskrit			Bengali	148	114
		Education			Bengali & English	51	47
		B.SC (Honours) in Mathematics			Bengali & English	96	82
		Chemistry			Bengali & English	43	41
		Physics			Bengali & English	30	27
		Botany			Bengali & English	37	37
		Zoology			Bengali & English	45	45
		Environment			Bengali & English	37	14
		Economics			Bengali & English	39	3
		B. COM (Honours) in Accounting & Finance			Bengali & English	159	12
		B.A. (General)			Bengali & English	2531	2017
		B.COM (General)			Bengali & English	393	33
		B. SC (General)			Bengali & English	238	147
	Post-Graduate	Sanskrit			Bengali	40	33
	Integrated Programmes P G	-	-	-	-	-	-
	Ph.D.	-	-	-	-	-	-
	M.Phil.	-	-	-	-	-	-
	Ph. D.	-	-	-	-	-	-
	Certificate courses	-	-	-	-	-	-
	UG Diploma	-	-	-	-	-	-
	PG Diploma	-	-	-	-	-	-

Others (M.A)	DODL	M.A.in	2 years	3 years			
		Bengali		B.A .Hons./ General	Bengali		89
		English		English		13	
		History		Bengali & English		62	

Note:

1. Indicates sanctioned/approved student strength per year.
2. Indicates students of UG (1st year + 2nd year + 3rd year).

13. Does the college offer self-financed Programms? /Enhanced Fees

Yes No

If yes, how many?

06

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	1
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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 programms. Similarly, do not list the departments offering common compulsory subjects for all the programms like English, regional languages etc.)

Particulars	UG	PG	Research
Science	Physics, Chemistry, Botany, Zoology, Mathematics, Environment, Economics	-	-
Arts	Bengali, English, History, Political Science, Philosophy, Education, Sanskrit	Sanskrit	-
Commerce	Accounting & Finance	-	-
Any Other not covered above	-	-	-

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

a. annual system	15
b. semester system	-
c. trimester system	-

17. Number of Programms with

a. Choice Based Credit System	-
b. Inter/Multidisciplinary Approach	-
c. Any other (specify and provide details)	-

18. Does the college offer UG and/or PG programms 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

NCTE recognition details (if applicable)

Notification No.:No

Date: (dd/mm/yyyy)

Validity:.....

No

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

Yes No

If yes,

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

NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:.....

b. 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			Parttime Teacher (PTT)		Contractual Teacher (CWTT)				
	*M	*F	*M	*F	*M	*F	*M	*F	M*	F*	M*	F*	*M	*F
Sanctioned by the UGC / University / State Government	01	Nil	9	5	20	9	09	0	5	4	1	0		
<i>Recruited</i>														
<i>Yet to recruit</i>	-		-		10		-		-	-	-		-	
Sanctioned by the Management/ Governing Body	Teaching (Guest Lectures) - 24													
<i>Recruited</i>	Non-teaching Staff (Casual)- 14													
<i>Yet to recruit</i>	-		-										-	

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
D.SC/D.Lit	0	0	0	0	0	0	0
Ph.D	1	0	6	3 (1 On lien)	8	6	24
M.Phil	0	0	0	1	1	2	04
PG	0	0	3	1	11	1	16

Highest Qualification	Contractual Whole Time Teacher		Part Time Teacher (Govt. approved)		Guest Lecturer 24		Total
	Male	Female	Male	Female	Male	Female	
Ph.D	1	0	3	0	1	1	06
M.Phil	0	0	0	0	0	1	01
PG	0	0	2	4	12	9	27

Note:*- Including one Contractual Whole-time Teacher.

Number of ~~Visiting Faculty~~ /Guest Faculty engaged with the college.

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

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)		Year 4 (2014-15)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	634	320	678	407	744	467	765	478	824	579
ST	21	10	29	13	43	20	37	25	41	40
OBC	172	90	295	151	396	218	652	394	382	225
General	1688	1260	1941	1507	2048	1570	2054	1534	2555	1970
Others										

24.Details on students enrollment in the college during the current academic year:
(Session:2014-15)

Type of students	UG	PG (DODL)	M. Phil.	Ph.D.	Total
Students from the same state where The college is located	6616	383	-	-	6999
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	6616	383	-	-	6999

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

UG PG

26. Unit Cost of Education

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

(a) including the salary component
 (b) excluding the salary component

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered center for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration.

c) Number of programmes offered

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

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered (Session: 2014 – 15 upto 07.03.2015)

Sl. No	Name of the course	Teacher Student ratio
1	BA Hons in: Bengali	1:94
2	English	1:53.6
3	History	1:86.5
4	Pol. science	1:75
5	Philosophy	1:53.5
6	Education	1:114
7	Sanaskrit	1:102
8	B.Sc. Hons in Mathematics	1:34.8
9	Chemistry	1:16.4
10	Botany	1:76
11	Zoology	1:30
12	Physics	1:12.7
13	Environment	1:41
14	Economics	1:3.3
15	B.Com. Hons in Accountancy	1:10.25

29. Is the college applying for

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: **31/03/2007**(dd/mm/yyyy) Accreditation Outcome/Result :**B**

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

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

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

Number of working days during the last academic year.

238 days

32. Number of teaching days during the last academic year

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

210 days

Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC 26.05.2007 (dd/mm/yyyy)

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

AQAR (i) 30.06.2008 (dd/mm/yyyy)

AQAR (ii) 20.07.2009 (dd/mm/yyyy)

AQAR (iii) 12.05.2011(dd/mm/yyyy)

AQAR (iv) 30.12.2015 (dd/mm/yyyy)

AQAR (v) 30.12.2015 (dd/mm/yyyy)

AQAR (vi) 30.12.2015 (dd/mm/yyyy)

AQAR (vii) 30.12.2015 (dd/mm/yyyy)

AQAR (viii) 30.12.2015 (dd/mm/yyyy)

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

Criterion-wise Inputs:

- *Criterion I: Curricular Aspects*
- *Criterion II: Teaching-Learning and Evaluation*
- *Criterion III: Research, Consultancy and Extension*
- *Criterion IV: Infrastructure and Learning Resources*
- *Criterion V: Student Support and Progression*
- *Criterion VI: Governance, Leadership and Management*
- *Criterion VII: Innovations and Best Practices*

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.****A) Vision**

The vision of Nabadwip Vidyasagar College has always been to realize and inculcate the values preached by Vidyasagar who had a vision for a perfect synthesis of Western and Indian education to achieve a truly liberal and modern Indian society. The very location of the college symbolizes the social, religious reformation towards secularism initiated by Sri Chaitanyanya Mahaprabhu centuries ago and reminds the efforts made by Vidyasagar for social, educational reforms.

B) Mission

The college has pursued specific academic, social, national, intellectual, ecological mission designed within its Curriculum paradigm.

i) Academic Mission

- Effective implementation of the Curriculum prescribed by the affiliating University
- To keep teachers updated about the Latest Curriculum
- To maintain a congenial and cordial relationship among Students and Teachers for better implementation of the missions of the institution
- To prioritize the academic aspect
- To continually enhance the efficiency of the faculty
- To maintain well equipped Library and E –Resource
- To offer flexibility in curriculum for the students

ii) Intellectual Mission

- To stimulate the intellectual growth of the students
- To provide constant access to intellectual refreshments through workshops, Seminars
- To provide uninterrupted access to library books and reading room facilities
- To publish annual Journals and other Periodicals

iii) Social Mission

- To create social awareness among students through NSS
- To encourage students to work with NSS
- To reach out to the neighboring community on Occasions like Vidyasagar Birth and Death Anniversary and the internationally famous festival of Nabadwip – the Rasotsav.
- To instill a sense of discipline and selfless service for community through our NSS and NCC units

iv) National Mission

- To involve the students with our NCC and NSS units motivation for building Nation and National identity

- To instill and promote National Integration through the participation of large number of students on various occasion
- v) Ecological Mission
 - To thoroughly implement the curriculum on Envs. through an efficient faculty
 - To sensitize the environmental issues
 - To maintain an environment friendly campus

C) Objectives

- i) To implement the Curriculum effectively
- ii) To enhance the efficiency of the Faculty continually
- iii) To promote academic and intellectual values
- iv) To instill social, national and community awareness among students

D) Communication to student, teacher, staff and other stakeholders

- i) The college magazines
- ii) The admission Prospectus
- iii) The posters and Banners on occasions
- iv) Parent –Teachers meetings
- v) Cultural function
- vi) Interactive session and meetings of teachers, students, non-teaching staff

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

The college follows specific programmes and schedules to develop and implement the curriculum:

Development:

- A) To send the teachers for participating in E-library management programme organised by university.
- B) To cooperate with the University on curriculum upgradation
- C) To provide worthy suggestions through the five members of the Board of Studies
- D) Some members participate in University invigilation team to strength the examination system.

Implementations:

- A) To constitute **Academic Council** within College
- B) To be updated with the curriculum and distribute it through **Prospectus and Website**
- C) To plan and publish **Academic Calendar** in due time
- D) To announce the **Departmental Routine** at the start of the Session
- E) To execute the curriculum in both **Theoretical and Practical classes**
- F) To stimulate the motivation through **Audio Visual aids**
- G) To occasionally collect feedbacks from students and parents through feedback forms
- H) To provide well equipped **Library resource**
- I) To provide E-Resource on Curriculum through **INFLIBNET, and N-LISTING**

- J) The Department of Political Science of college has organized **District Youth Parliament and quiz competition** twice, has taken part in the said competitions several times and has won laurels. The teachers of the Departments have acted as judges in these competitions organized by other colleges.
- K) Students are encouraged to present papers in **departmental seminars**.
- L) Regular **educational tours** are organized by some departments.

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?

A) Support from University

Teachers are allowed to participate in various Workshops, Seminars which enhance the teaching practice of the teachers

B) Support from the College

- i) Teachers are allowed to join in Refreshers Courses and Orientation Programmes.
- ii) College organizes occasional meetings by Academic Sub Committee (equivalent to College Board of Studies) to evaluate the progress and performance of Various Departments
- iii) To encourage the Teachers to use LCD, LED monitors, Projectors, Microphones in teaching practice
- iv) To send NCC and NSS teachers on specialized Training

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.

- i) The syllabi of a few Departments to be discussed and commented upon by BOS members (Science/Arts/Commerce)
- ii) To organize Departmental Seminars
- iii) To organize Project oriented Study for the students in Department of Chemistry

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

With the University:

- a) The faculty of the college are constantly in touch with the University through Circulars and Websites
- b) The teachers are constantly upgraded with the latest Updates through EMAILS by University Departments
- c) The faculty is occasionally in touch with The University through different Workshops and Seminars

With Parents:

- a) To organize Parent Teacher Meetings as Parents are the immediate beneficiaries
- b) To occasionally collect feedback from both Parents and Students

With Research Bodies:

- a) Teachers are involved with Research bodies like BHABA ATOMIC RESEARCH CENTRE, INDIAN CHEMICAL SOCIETY, OPERATIONAL RESEARCH SOCIETY OF INDIA which indirectly benefits 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, specific suggestions etc.)

- a) Five faculty members of the College represent the institution in the Board of Studies
- b) They provide worthy suggestions regarding curriculum in their occasional meeting University
- c) Other faculty members too provide suggestions regarding modification, upgradation of the departmental syllabi

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

Communicative English: Syllabi prepared on the basis of guidelines provided by University. The college has very little scope for designing its own syllabi. However, the career oriented communicative English course (now defunct) prepared its own syllabi in strict conformity with University guidelines. The newly introduced PG course in Sanskrit has been given partial autonomy so far as running the classes and conducting the examination are concerned but it has to follow the university curricula.

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

- a) By conducting occasional class tests
- b) By reviewing the process through Academic Council
- c) By collecting feedback from the students
- d) Preparing the students for annual University Examinations
- e) By organizing departmental Seminars

1.2 Academic Flexibility

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

The Goals and Objectives:

- a. To improve the Physical efficiency of the students NCC course is offered
- b. To improve the Communication Skill of the students Communicative English had been conducted for 3 years

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

The affiliating university does not permit such degrees.

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 skill development, academic mobility, progression to higher studies and improved potential for employability.

The issue of academic flexibility is linked with the broader policy formulations. The college offers Certificate, Bachelor and Master Degree Courses on certain subjects in Humanities with internal flexibilities:

Flexibility of Subjects

- a) Any male or female student of the College or any other college can enroll for NCC and NSS certificate courses of this College
- b) Even students of schools can enroll for NCC and NSS course of the College
- c) In Bachelor of Arts, Science, Commerce with Honours programme a student can shift from one subject to another within the Counseling process
- d) Any General student of B.A., B.Sc., B.Com may opt for Honours subjects within faculty on merit basis if seats are available
- e) Any General student can change their option of General subjects combination before the completion of the registration process. (according to prescribed guidelines of the University)
- f) Any student can enroll for M.A. in English, History, Bengali in DODL mode, affiliated by Kalyani University, after completing B.A.(Hons) with concerned subjects.
- g) Any Indian or Foreign student can pursue M.A. in Sanskrit a regular course introduced recently to revive the past memory of Sanskrit Learning Toll in Nabadwip for centuries.

Flexibility of Duration

- a) A student in UG level is allowed five years to complete the Degree
- b) A student in M.A (DODL) is allowed two years to complete the Degree

Interdisciplinary Flexibility

- a) As prescribed by the University, B.A., B.Sc., B.Com. students must study Language subjects like Bengali and English (50 marks each).
- b) Every UG student must pursue a paper on Environmental Studies
- c) For this purpose Teachers are exchanged inter departmentally to cater to the needs of the students (Classes in Commerce department and environmental Science are taken by the Department of Mathematics. Also Philosophy classes have been taken by Sanskrit faculty)

The broader policy behind all these has been to offer them greater choice in Career selection, to prepare the students for Higher education and research and developing social awareness and responsibility.

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

The college offers some enhanced fees programmes as follows:

Programs differ from other with reference to points given by table

Sl. No.	Subject	Admission	Curriculum	Fee Structure	Teacher's Category	Teacher's Salary
1.	Botany (H)	As per University guide line	As per University guide line	Extra fee for enhanced fees Scheme Rs 3000/year & extra educational tour fee Rs 80.	Full time approved teacher =1 Part time approved teacher =2 Guest Lecturer =2	For full time & part time teacher, the salary is according to UGC norms and the salary of the Guest Lecturer Rs. 200/class, Rs. 350/Hons. Practical Class & Rs. 300/General Practical Class
2.	Education(H)	As per University guide line	As per University guide line	Extra tuition fee Rs 125/month, Extra admission fee Rs 125, Lib.-caution fee Rs 190/year and Lib. Fee Rs 200/year	Guest Lecturer = 4	The salary of the Guest Lecturer Rs. 250/class
3.	ENV.Sc(H)	As per University guide line	As per University guide line	Extra tuition fee Rs.690/month, Extra admission fee Rs 890, Extra laboratory fee Rs 4850/year, Extra lab caution fee Rs 350Lib. Fee Rs 500 & extra educational tour fee Rs 80/year.	Contractual approved teacher=1 Guest Lecturer= 4	The present salary of the contractual lecturer is Rs.22,250/month & the salary of the Guest Lecturer Rs. 200/class, Rs. 350/Hons. Practical Class & Rs. 300/General Practical Class
4.	Philosophy(H)	As per University guide line	As per University guide line	Extra tuition fee Rs 125/month, Extra admission fee Rs 125, Lib.-caution fee Rs 190 and Lib. Fee Rs 200	Full time approved teacher=2 Guest Lecturer=2	For full time teacher, the salary is according to UGC norms and the salary of the Guest Lecturer Rs. 200/class
5.	Physics Hons.	As per University guide line	As per University guide line	Extra tuition fee Rs 125/month, Extra admission fee Rs 250, Lab.-caution fee Rs 195, Lib caution fee 190 and Lib. Fee Rs 200	Full time approved teacher= 4 Part time approved teacher=1	For full time & part time teacher, the salary is according to UGC norms.
6.	Sanskrit (PG)	As per University guide line	As per University guide line	Admission fee Rs 1000/semester and tuition fee Rs 1000 /month.	Full time approved teacher= 2 Part time approved teacher=2 Guest Lecturer=7	According to GB rule, the salary of all teachers for masters degree is Rs250/class

1.2.5 Does the college provide additional skill-oriented programs, relevant to regional and global employment markets? If “yes”, provide details of such programs and the beneficiaries.

- We offered a course in Communicative English till 2012 to enhance employability.
- As per University guidelines we have introduced B.Sc. Honours course in Environmental Science
- Computer Knowledge and Usage are included in the Practical syllabus of Mathematics, Physics, Zoology and Commerce.

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 a provision for the benefit of students?

Yes, we offer such flexibility as follows

We offer M.A. in English, History and Bengali in Distance Mode through Our Study Centre, affiliated to University of Kalyani. The seats offered by the University for PG courses being too meager to cope with the demand of the students, a large number of students remain outside the periphery of the regular classroom learning process and they can't avail the opportunity for pursuing higher education. So through our study centre we offer them the opportunity of regular PG course via distant mode.

1.3 Curriculum Enrichment

1.3.1 Describe efforts made by the institution to supplement the university's curriculum to ensure that the academic programs and the institution's goals and objectives are integrated.

We have the opportunity to supplement the curriculum offered by the University through

- i) Suggestions made by the five Board of Studies members of the College
- ii) Suggestions made by the faculty members in Workshops, Seminars on Curriculum organized by the University

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to the needs of the dynamic employment market?

- i) Introduction of Communicative English to develop employability of the students
- ii) To develop the Knowledge and Usage of Computer in Practical syllabi of Physics, Mathematics, Zoology and Commerce

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.

We have different Cells and Committees on such issues

- i) Anti Ragging Cell
- ii) Grievance Redressal Cell
- iii) Sexual Harrassment Redressal Cell

We have occasionally organized Seminars and Programmes to integrate such cross cutting issues in our Curriculum

Besides, some other efforts made by the institution are

- ICT based teaching is followed in most science departments and there is extensive use of OHP, laptop and LCDs
- Compulsory Environmental studies is a part of the UG syllabus and the students have to submit an annual project work as a mandatory sensitizing effort
- The department of Environmental Science, Zoology and Botany through their educational tour programmes and other programmes cultivate these sensitizing efforts.

- Recently **Indoor Tibetan Border Police (ITBP)** expedition team organized an awareness programme on the problem of Ganga pollution in the college

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

- i) Programmes and camps organized by NCC and NSS
- ii) College organized seminars on Vivekananda
- iii) College organized seminars on Tagore and Humanism, sponsored by UGC to enrich the ethical values and humanism in students
- iv) We organize different cultural competition and programmes like College Fest, Fresher's Welcome, Saraswati Puja with active participation of the students
- v) To annually organize food and relief distribution among Patients of Nabadwip State General Hospital on Vidyasagar Death/Birth Anniversary
- vi) To organize annual visits to Blind Schools to Distribute Braille papers and foods



Blind school visit and distribution of Braille papers



Visit to Nabadwip State General Hospital



Celebration of Vidyasagar birth anniversary



A faculty member delivering lecture on Vivekananda

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

In response to the feedback from the students, Civil society, GB, parents the following cells and committees have been constituted and programmes have been organized:

- i) There is a formal feedback system from stakeholders like students, parents and alumni for spherically enriching the curriculum.
- ii) In the honours courses the students interact with the teachers and come out with their problems, if any, and seek the advice of the teachers concerned and remedial and tutorial classes are conducted for them.

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

The institution monitors and evaluates the quality of its enrichment in the following ways

- a) The students of the honours departments are acquainted with the teachers who try to keep a watchful eye on the students as far as possible and come up with suggestions and the advices if a student is challenged in any way.
- b) IQAC and GB make attempts to help when a student faces any critical situation.
- c) The grievance redressal cell is there to redress grievances
- d) There are different subcommittees to monitor various college programmes. Cultural subcommittee looks after the cultural aspects while the Vidyasagar Anniversary subcommittee monitors the blind school affairs and those of the distribution of food among the patients of Nabadwip State General Hospital
- e) Other committee activities like saraswati Puja, yoga camp and tree plantation are conducted in cooperation with the NCC and NSS units.

Overall performance of these Committees are monitored by the Principal and GB

1.4 Feedback System

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

The college being an affiliated one and having no academic autonomy can contribute to a limited extent in the design and development of the curriculum prepared by the University.

- a) Teachers take part actively in the curriculum revision workshops and seminars organized by the University and make suggestions based on their experience from classroom teaching and as paper setters, moderators and examiners
- b) The five members of BOS play an important role in such exercises.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on the curriculum? If “yes”, how is it communicated to the university and made use of internally for curriculum enrichment and introducing changes/new programs?

Yes, a mechanism exists to obtain feedback from

- i) Students through Students feedback Forms maintained by College authority
 - ii) Alumni feedback through STAKE HOLDERS FEEDBACK forms and ALUMNI FEEDBACK forms
 - iii) Employers through Governing Body
 - iv) Community through local Municipality, GB
 - v) Teachers through Teachers Council and Academic Council of the College
- IQAC of the College receives all the feedback and suggests required modification to the BOS of the college and BOS in turn communicate it to the University.

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

- a) In 2012-13 session Economics honours was introduced to acquaint students with the inner workings of the Indian and world Economics and to prepare a sound base for their academic excellence and competitive examinations.
- b) In the current year the college has introduced a regular PG course in Sanskrit in addition to the seats offered by University of Kalyani as a modest attempt to revive the past glory of Nabadwip as a seat of Sanskrit studies.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

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

The college ensures wide publicity in the admission to the first year classes of undergraduate courses of Humanities, Science and Commerce stream by means of selling forms and prospectus to the intending public by notification on college website and notice board. The information regarding eligibility for admission (minimum 45% marks both in the subject and aggregate for honours course and pass marks in case of general course as prescribed by the University of Kalyani), total number of seats (general and reserved category), last date of submission of application forms with necessary papers and date of publication of merit lists are notified . In the prospectus a brief introduction about institution its rules and regulations, mission and vision, objectives, goals, admission criteria and procedure, courses of study, prizes to be offered for excellence in University Examinations, cultural competitions and good attendance are all mentioned.

Nabadwip Vidyasagar College makes every effort to ensure absolute merit cum transparency in the admission process which comprises of the following steps.

- 1) Filled up application forms are received and on the scheduled date provisional merit lists of all eligible applicants are published showing clearly the relevant university guideline used to prepare it. The candidates and/or their guardians are allowed to enjoy the provision of redressing discrepancy, if any in the said merit lists. After necessary rectification in these cases final merit lists are published.
- 2) In all streams and courses open counselling is held and the students are admitted in order of the merit according to seats on the specified date.
- 3) During admission period if any seat becomes vacant for leaving the college by a newly admitted student, it is filled up by the next waiting candidate in the merit list.

There has been a major shift in the admission process of our college in 2014 with the introduction of on-line admission procedure. At the outset, it was partial in nature with application and submission of forms online, counselling being offline. It has been upgraded once again in 2015 with the conversion of whole admission process from partial to entirely 'online' in nature ensuring thereby our two prime mottos of admission, namely, 'merit' and 'transparency' absolutely.

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

- i) Admission is done strictly on the basis of merit in both UG, PG (regular) as per norms laid down by the affiliating University. PG course in Sanskrit has been introduced since 2015.
- ii) There is no provision of common admission test. The College strictly follows the norms set by University of Kalyani regarding admission of students.

- iii) As the Institution is located in the periphery with all its social and economic peripheral attributes, it usually imposes no other choice excepting the minimum norms as set by the affiliating University in respect of admission of students to various programmes available in our college. However once admitted, these students come out with marketable potentiality and higher human values in them.
- iv) For PG (regular and DODL) the institution strictly adheres to the norms given by the University of Kalyani regarding admission. Institute provides the scope for studying PG (DODL) courses in English, Bengali and History.

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

Maximum and minimum marks at entry level for the session 2014 – 15				
Courses	Highest Marks	Percentage	Lowest Marks	Percentage
B.A (H) in Bengali	517	86.2	251	41.8
B.A (H) in English	505	84.1	274	45.6
B.A (H) in History	505	84.16	275	45.83
B.A (H) in Sanskrit	512	85.3	262	43.6
B.A (H) in Political Science	462	77.0	251	41.83
B.A (H) in Philosophy	521	86.83	272	45.33
B.A (H) in Education	503	81.6	250	40
B.Sc. (H) in Mathematics	548	91.3	303	50.5
B.Sc. (H) in Physics	548	91.3	267	44.5
B.Sc. (H) in Chemistry	533	88.83	288	48.0
B.Sc. (H) in Botany	490	81.66	279	46.5
B.Sc. (H) in Zoology	515	85.83	279	46.5
B.Sc. (H) in Environmental Science	473	78.83	295	49.16
B.Com (H) in Accountancy	468	78.0	279	46.5
B.A (H) in Economics	483	80.5	282	47.0
B.A (GEN)	475	79.2	152	30.4
B.Sc (GEN)	393	65.50	152	30.4
B.Com (GEN)	330	55.00	152	30.4

The cut off percentage of marks for admission to the courses, offered by our College as per existing University rules are given below:

Courses	Minimum Aggregate marks (H.S. level) required	Minimum Marks in the Subject/ Allied subject
B.A /B.Sc/B.Com (Honours)	50%	45%
i) For the students having concerned/related subject at the H.S. Level	45%	55%
ii) For students not having the concerned subject at the H.S. level	55%	--
B.A/ B.Sc/B. Com (General)	30%	30%

Note: In case of SC / ST / Physically Challenged students 5% relaxation is made in marks in each case.

2.1.4 Is there a mechanism 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?

After the end of admission a review of this process is done in the meeting of Admission Subcommittee chaired by the Principal and comprising of the convenor, secretary of TC and members. The meeting is held to analyse the data and to take the necessary resolutions for improving the admission process in the years to come.

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***
- * ***SC/ST--***The statutory reservation policy of the government in case of SC/ST is followed to ensure the equity in the admission for the students from disadvantaged community. According to the directive of Backward class Welfare Department, for SC candidates 22% and for ST candidates 6% of the total seats are kept reserved. SC/ST candidates get admission according to the merit until the fulfilment of seats for general

category. SC/ST candidates who fail to find a place into the seats meant for the general category on the basis of free competition are considered for reserved seats.

- * **OBC**--Recently the OBC community has found a place in the Reservation policy declared by the West Bengal Government for admission in higher educational institutions and accordingly 10% and 7% of the total seats have to be kept reserved for OBC-A and OBC-B category respectively. As a result reservation segments have been rearranged by our college in compliance with the above Government policy.
- * **Women**--This college is co-educational and as such no positive discrimination is made favouring female candidates vis-a-vis male candidates in the matter of admission.
- * **Differently abled** --Differently abled candidates get some advantage over the other during entry in the college education. 3% of the total seats are being reserved for them. 5% relaxation in marks is also allowed.
- * **Economically weaker sections**-- The College does not adopt any strategy to create access to making provision for reservation of seats for economically weaker sections in the matter of admission. However, once admitted the college authority extends various kinds of financial support like free waivers /free studentship/scholarships (e.g. Kanyashree) to encourage them to complete their course.
- * **Minority community**-Again there is no provision for reservation of seats for Minority Community. However there are several Government and other scholarships for these students once they get admission to this college.
- * **Any other**--As per existing regulations of the University of Kalyani one seat is reserved in each Honours subject and 5% of the seats of each of the general courses are reserved under sports quota. The students coming from Boards other than West Bengal Council of Higher Secondary Education avail the facility of reservation at the rate of 10% of total seats for each of the programmes. Students, who can fulfil the eligibility criteria as laid down by the University may avail the said facility at the time of admission.

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.

Session 2010 - 11

Name of the Programme	No. of applicants	No. of students Admitted	Demand ratio
B.A (H) in Bengali	1090	137	1:8
B.A (H) in English	456	49	1:9.3
B.A (H) in History	414	119	2:7
B.A (H) in Sanskrit	799	90	1:9
B.A (H) in Political Science	165	47	1:3.5
B.A (H) in Philosophy	480	40	1:12
B.A (H) in Education	153	30	1:5.1
B.Sc. (H) in Mathematics	232	56	1:4.14
B.Sc. (H) in Physics	140	14	1:10
B.Sc. (H) in Chemistry	293	23	3:38
B.Sc. (H) in Botany	158	20	1:7.9
B.Sc. (H) in Zoology	293	24	1:12.2
B.Sc. (H) in Environmental Science	47	17	3:8.3
B.Com (H) in Accountancy	47	20	2:4.7
B.Sc.(GEN)	219	124	3:5.3
B.A (GEN)	1879	950	1:2
B.Com (GEN)	29	20	1:1.45

Session: 2011 - 12

Name of the Programme	No. of applicants	No. of students admitted	Demand ratio
B.A (H) in Bengali	1074	154	1:7
B.A (H) in English	396	59	1:6.7
B.A (H) in History	607	132	2:9.2
B.A (H) in Sanskrit	1032	103	1:10
B.A (H) in Political Science	180	56	1:3.2
B.A (H) in Philosophy	476	52	1:9.2
B.A (H) in Education	201	35	1:5.74
B.Sc. (H) in Mathematics	295	62	1:4.8
B.Sc. (H) in Physics	208	21	1:9.9
B.Sc. (H) in Chemistry	237	25	1:9.48
B.Sc. (H) in Botany	191	25	1:7.64
B.Sc. (H) in Zoology	343	29	1:12
B.Sc. (H) in Environmental Science	77	20	1:3.85
B.Com (H) in Accountancy	47	13	1:3.62
B.Sc.(GEN)	262	125	1:1.75
B.A (GEN)	2543	1418	1:1.8
B.Com (GEN)	39	19	1:2.52

Session: 2012 - 13

Name of the Programme	No. of applicants	No. of students Admitted	Demand ratio
B.A (H) in Bengali	1269	169	1:7.5
B.A (H) in English	731	65	1:11.25
B.A (H) in History	508	138	1:3.7
B.A (H) in Sanskrit	762	112	1:6.8
B.A (H) in Political Science	171	53	1:3.23
B.A (H) in Philosophy	404	56	1:7.2
B.A (H) in Education	383	39	1:9.8
B.Sc. (H) in Mathematics	212	71	1:3
B.Sc. (H) in Physics	293	23	1:13
B.Sc. (H) in Chemistry	251	33	1:7.6
B.Sc. (H) in Botany	225	28	1:8
B.Sc. (H) in Zoology	451	33	2:27
B.Sc. (H) in Environmental Science	67	21	1:3.2
B.Com (H) in Accountancy	59	17	2:7
B.Sc(GEN).	320	162	1:2
B.A (GEN)	1927	1927	1:1
B.Com (GEN)	38	31	1:1.23
B.A (H) in Economics	12	2	1:6

Session: 2013 - 14

Name of the Programme	No. of applicants	No. of students admitted	Demand ratio
B.A (H) in Bengali	1435	169	1:8.49
B.A (H) in English	477	63	1:7.57
B.A (H) in History	473	143	1:3.31
B.A (H) in Sanskrit	750	113	1:6.64
B.A (H) in Political Science	100	39	1:2.56
B.A (H) in Philosophy	314	43	1:7.30
B.A (H) in Education	383	38	1:10.08
B.Sc. (H) in Mathematics	321	71	1:4.52
B.Sc. (H) in Physics	186	21	1:8.86
B.Sc. (H) in Chemistry	303	31	1:9.77
B.Sc. (H) in Botany	219	27	1:8.11
B.Sc. (H) in Zoology	393	34	1:11.56
B.Sc. (H) in Environmental Science	38	10	1:3.8
B.Com (H) in Accountancy	69	15	1:4.6
B.A (H) in Economics.	23	7	1:3.28
B.A (GEN)	1921	1921	1:1
B.Sc (GEN)	314	151	1:2.08
B.Com (GEN)	51	42	1:1.21

Session: 2014 - 15

Name of the Programme	No. of applicants	No. of students admitted	Demand ratio
B.A (H) in Bengali	994	211	1:4.71
B.A (H) in English	338	76	1:4.45
B.A (H) in History	318	122	1:2.61
B.A (H) in Sanskrit	431	114	1:3.78
B.A (H) in Political Science	75	13	1:5.8
B.A (H) in Philosophy	250	47	1:5.32
B.A (H) in Education	260	47	1:5.53
B.Sc. (H) in Mathematics	242	82	1:2.95
B.Sc. (H) in Physics	254	27	1:9.41
B.Sc. (H) in Chemistry	227	41	1:5.54
B.Sc. (H) in Botany	251	37	1:6.8
B.Sc. (H) in Zoology	465	45	1:10.3
B.Sc. (H) in Environmental Science	48	14	1:3.43
B.Com (H) in Accountancy	34	12	1:2.83
B.A (H) in Economics.	21	3	1:7
B.A (GEN)	2017	2017	1:1
B.Sc (GEN)	352	147	1:2.4
B.Com (GEN)	40	33	1:1.21

2.2 Catering to Student Diversity

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

The college has always shown a favourable attitude to differently-abled students. Following the Govt. guideline a special classroom with attached toilet was built in the ground floor. The institution strictly follows all govt. rules and regulations regarding admission of the differently-abled students. They are given special guidance and counselling by the teachers of the respective departments.

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

Yes, before the commencement of each course, specially the Honours course, the knowledge and skills of admitted students are assessed through interaction between students and teachers of the department concerned both in theoretical and practical classes. Then teachers usually spend a few classes of recapitulation of previous subject matters to bridge the gap if any. On the basis of assessment necessary modifications in the teaching procedures are made. Different departments adopt different methods in this regard which are stated below.

Department of Mathematics

Over the years it is our experience that the students admitted to the honours course in Mathematics are of rather poor basic conceptual standard due to selective and examination oriented study in Higher Secondary level. So, the department initially arranges some classes to improve the conceptual belief of the students and this drive encourages the students for independent thinking.

Department of Chemistry

Students admitted to the Chemistry honours course, in general, come with a faint concept in some important areas like constitution of atoms and molecules, periodic properties of elements, physical organic chemistry, thermodynamics etc. Moreover, they have very poor knowledge in the practical works as most of the Higher Secondary schools have no well-equipped laboratories. As a remedy the department arranges some classes both theoretical and practical to overcome their deficiencies.

Department of Botany, Zoology and Physics

Botany, Zoology and Physics are also laboratory based subjects. These three departments also have the same experiences like department of chemistry in connection with the laboratory work of students admitted to the honours course. These departments also arrange initially some classes to make the honours students primarily equipped for the practical work of the degree course.

Department of English

Most of the students admitted to the honours course come from Bengali medium with less exposure to English. Their grammatical and language skill are quite below the mark considering the field of English syllabus. To reduce the deficiencies, the teachers in the beginning of the session exert a joint effort by asking them to write on various literary topics, error analysis etc, in addition to the syllabus bound teaching.

Department of Sanskrit

The students admitted to the honours course have two major deficiencies namely (i) inability to communicate in Sanskrit and (ii) inability to read and write in the ***Debnagari*** script. To overcome these inability most of the teachers conduct their

classes in Sanskrit language and insist the students to respond in Sanskrit only. Some time, the department arrange for special classes on *spoken Sanskrit*. The teachers also train the students to write in *Debnagari* script.

Department of Bengali

Most of the students admitted to Bengali honours course suffer from two major defects (i) poor knowledge of grammar and (ii) confusion about the *correct spelling* of some words, because the spelling pattern in the process of standardization has kept on changing for a number of years. The teachers of the department take special care of these weak spots of the students to make them free from above difficulties as far as possible. To enhance the *writing skill* they discuss with the students the art of answering a question of literature in concise but in vivid way. For first year students in the beginning session some classes are used for these purposes.

Department of History, Political Science, Education and Philosophy

The student inputs in these courses specially in History and Philosophy are quite large. Therefore appreciable efforts are made to orient the students to the subject and make them interested in the courses of their study through personal care and academic counselling.

Department of economics and commerce

The student input in this course is relatively low and some of them have not studied these subjects at the Higher Secondary level. So in the beginning of the course, some classes are taken to build up the foundation of the subject.

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

Larger part of the admitted students comes from neighbouring rural and village areas. As a result they are of average merit and not well up to the mark for some honours course. So special as well as tutorial classes are organized to bridge the knowledge gap of the enrolled students coming from different backgrounds. To enable them to cope with the programme of their choice teachers also guide them to prepare model answers by providing books, reading materials and advice. Parent-teachers' meetings are organised where the parents may freely express their views on student related matters and the teachers may communicate their observations on the progress of their work.

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

Students and staffs of the college are sensitized in different issues in various manners. Gender related issues are conveyed through the Banar / Photo to spread awareness among the students, staffs and teachers in today's perspective. Various activities are organised by the NSS unit of the college throughout the year like awareness programme on safety of girl children in the slum areas, importance of blood donation and blood group testing, utility of plants among local people. Activities like tree plantation, drives campaigning against polythene, plastic bags are undertaken regularly. Regarding the issue of empowerment of women Dr.R.Chaudhury joined the SAM workshop entitled 'Trainings of trainers' workshop organised by UGC at Kurukshetra University on 2013.

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

From the time of admission and later on by a continuous process of classroom interaction, examination evaluation and students' sincerity and eagerness for study, teachers identify the advanced learners and always respond to their learning needs. The advanced students of some departments are nurtured through special guidance, which encourages them to consult advanced reference text books and journals and to apply for different project works like summer project etc. They are motivated to participate in seminar presentation on some specialized topics, quiz, extempore speech, debate, essay-writing competition etc. held in college or other colleges where they can excel themselves in the fields of their interest. They are provided the scope to access internet. The college publishes students' magazine and wall magazine regularly where the advanced learners take the leadership. This helps them to gain writing skill, which extends beyond the prescribed syllabi and to develop their creativity, innovation and originality. There are provisions of some scholarships (Government and institutional) for such students.

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.)?

All relevant information of admitted students, results of University examinations in the college office and results of test examinations, internal assessments in the respective departments are preserved. The data of academic performance of the students are submitted to the Academic Subcommittee for analysis which leads to take the following measures.

- ❖ Remedial education is given to slow learners and weaker section of society. They are encouraged to keep personal contact with the teachers so that teachers may take individual care to remove the difficulties in understanding the subject matter. In some departments where student strength is very high, teachers organize departmental meetings with the students to find the causes behind their poor academic performances, if any, or to discuss frankly for knowing their grievances, if any. Student counselling in groups or individually makes a profound impact among them. This feedback from the students guides the teachers for betterment of discharge of their duties. Students are also individually advised the remedial measures to meet the factors behind their academic backwardness. In science subjects practical classes are sometimes repeated as per requirements of the students.
- ❖ The students performing poorly in college examinations are tried to upgrade by calling their parents/guardians to the Principal's office and discussing the causes as well as the remedial measures in presence of the respective departmental teachers. In some cases, the involvement of guardians in this regard has proved exceptionally useful in boosting up the students' confidence.
- ❖ Stipends and scholarships sponsored by the Govt. and institution are awarded to the students from economically weaker sections of society to the students with special needs.

- ❖ Free studentship is extended by the govt. of West Bengal to deserving candidates on recommendation of the Principal.
- ❖ Kanyashree scholarships are offered by the Govt.of W.B. to the deserving girl candidates from 2014. The State Govt. has also taken a programme of distributing cycles to the students from this year.
- ❖ Teachers personally extend financial assistance in tuition, examination, admission fees of needy students and also help by providing books and study materials.
- ❖ However keeping and maintenance necessary data relating the performance of the physically challenged students are yet to be regularised due to scarcity of adequate infrastructure required for the same. Attempts to overcome these shortcomings are going on.

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 subcommittee of the college has the sole responsibility to look after the whole academic affair. Members of the committee meet a number of times throughout the year for planning and organizing a schedule of teaching, learning and evaluation. This schedule at the beginning of the session is communicated to the students through the **Annual Academic Calendar**, prepared by the Academic Subcommittee and approved by the **Governing Body** of the college. Total planning of the academic affairs namely commencement of class teaching, dates of student seminar, cultural programme and competition, publication of wall magazine, tentative dates of test examinations, internal assessment test, annual sports meet, students' union election, holiday-list etc. are depicted in this calendar.

With regard to teaching Plan,under the supervision of Academic Subcommittee a class routine of the session is prepared by 3 experienced teachers from Arts, Science and Commerce departments each.Each department prepares modules for syllabus for two sessions, from July to October (prior to Puja Vacation) from and November up-to end of the session. These modules are distributed among the teachers and also displayed on the departmental notice boards. Each teacher makes his/her own teaching plan. Students have access to the library and internet while preparing projects and seminars. Regarding evaluation of the students, the college has a well conceived plan for monitoring students' progress. The evaluation method in the college consists of class tests, internal assessment tests and test examinations. The schedules are announced timely. On the basis of the analysis of the evaluative reports by the Academic Subcommittee, necessary measures are taken.

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

Internal Quality Assurance Cell of this college regularly reviews the teaching-learning process in consultation with the Teachers' Council and Academic Subcommittee. This results in identification of the problems at the end of every session on the basis of which IQAC recommends several remedial measures to the College Authority for overcoming the situation. IQAC also emphasizes the departments to arrange all data in computer database which enhances the computer literacy of the departments. It also helps to arrange infrastructural facilities for introducing PG courses in the departments in near future.

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

Teaching-learning is essentially student-centric. Courses offered are totally knowledge based. The college provides some arrangements which encourage the students for self-management of knowledge development and skill formation. The lecture method is mainly followed in all departments. Every effort is made to make learning student-centric by encouraging teaching more interactive. Laboratory and computer based courses offer additional method for developing practical skill and knowledge through practical classes. To make learning more interesting sophisticated audio-visual teaching aids like OHP and LCD projector, CD, chart etc are used. Apart from classroom interactions some other learner centred teaching methods are adopted to supplement lecture method. e.g. .i) seminar talks on specified part of curriculum by some distinguished speakers, ii) departmental seminars delivered by the students iii) publications of wall magazine and students' magazine, iv) academic tours and field works, v) tutorial classes, iv) use of college library (with reading room facility) and departmental library.

List of Students' seminar

- i) Seminar on ' **Current Trends in Chemistry**', Dept. of Chemistry, February 2, 2011
- ii) '**Man Does, Chemistry Explains**', Dept. of Chemistry, March 13, 2012
- iii) '**Some Recent Topics in Physics**' Dept. of Physics, January 19, 2013.
- iv) '**General Physics**', Dept. of Physics, January 12, 2011
- v) '**Centenary of Geetanjali**', Dept. of Bengali, 2011
- vi) '**Interdisciplinary Role of Pollution Management**', Dept. of Botany, 3.2.2011
- vii) '**Bioremediations and applications**' Dept. of Botany, 17.1.2011

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

The institution takes several steps to nurture critical thought, creativity and scientific approach among the students.

- ❖ College regularly organizes seminars and invites lectures and workshops in various disciplines providing opportunity to teachers and learners of all departments for participation and thereby promotes interdisciplinary academic spirit within them. Similarly students' seminars are regularly conducted to inculcate independent critical thinking as well as collaborative learning among the students. Regular publication of wall magazine and students' magazine play an important role in enhancing the creativity in them.
- ❖ To promote creativity among the students the institution organizes cultural competitions on various activities like quiz contests, extempore, speech, debate, recitation, essay-writing, sit and draw, solo song, dance encouraging them to be involved in these programmes. Students also participate in the Youth Parliament programme. College arranges for annual fest in various events such as song and dance (solo and group), drama, recitation, dance-drama etc. under the able guidance of teachers of Cultural Subcommittee.

- ❖ The college affords the arrangement of some indoor and outdoor games through which the students can develop their physical fitness, skill and power of reasoning.
- ❖ N.C.C and N.S.S units help the students to acquire some quality like discipline, fellow feelings, tolerance etc. which are very essential for human being.
- ❖ Every year college arranges distribution of fruits, sweets and medicines among the patients in the local hospital and the writing and drawing materials among the blind students of the local school on the occasion of Vidyasagar's death anniversary. Mainly the students take part in this auspicious programme. Active participation in such type of social work helps to make them aware of their accountability to society.

Seminars organized by the college during the last four years:

1. UGC sponsored State Level Seminar on '**Biodiversity in Indo Perspective Management and Conservation**' held in collaboration with D.L ROY College on February 26, 2011.
2. UGC sponsored State Level Seminar on '**Rabindranath O Manabatabad**' organized by the Department of Bengali in collaboration with University of Kalyani on 16th & 17th November, 2011.
3. UGC Sponsored State Level Seminar on '**Kalidasa and Bhababhuti**' organized by the Department of Sanskrit in collaboration with Krishnagar Govt. College on November 18 & 19, 2011.
4. UGC sponsored National Seminar on '**Application of Mathematics in Science and Social Science**' organized by the Department of Mathematics in collaboration with Ranaghat College on January 10 & 11, 2012.
5. UGC Sponsored workshop on '**Research Methodology**' organized by Dept. of Commerce on March 27-30, 2012.
6. A Seminar in commemoration of **the 150th Birth Anniversary of Swami Vivekananda** held on January 29, 2013.
7. UGC sponsored National Seminar on '**Development and Role of Local Self Government: Indian Perspective**' organized by the Department of Commerce and Economics in collaboration with Sreerampur College on December 11 & 12, 2015.
8. UGC sponsored National Seminar organised by the department of English in collaboration with Assanagar MMT College on Nov. 2015.

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

In order to facilitate the teaching learning process and make it easier the college arranges for different supplementary aids in addition to lecture method.

- ❖ Some departments specially the science departments use various teaching aids during classroom teaching. They use charts, tables, models, preserved plant and animal specimens for class teaching.
- ❖ Some audio-visual techniques like sound box, CD, OHP, LCD projector are used. Movies/documentaries based on syllabus are shown.

- ❖ The facility of INFLIBNET for online access to e-material for teachers and students is provided.
- ❖ Specialized softwares are used by some departments.
- ❖ Educational trips are arranged by some departments at enriched spots. Departments of Botany, Zoology and Environmental Science annually hold compulsory educational tour to extend the students' exposure to the bio-diversity of the country. Other departments also conduct educational tour befitting the curriculum. These tours make the students curious of the subject.

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

The college subscribes several important academic journals through which both the students and the faculties keep pace with recent academic developments in various subjects. Teachers engaged in MRP works keep relevant journals in their own departments for the advanced study of the willing students. Seminars at state and national levels are organized for exchange of ideas and update of knowledge. Teachers and students from other institutions are invited in these seminars. Departments also arrange for the students' seminar regularly with the same aim in view. Eminent scholars from college, university or research institute are invited to deliver their valuable speech on recent development and modifications in the subject, based on the part of the curriculum. Both the students and the faculty can enrich their knowledge through these seminars. Besides these, student seminars, annual wall magazine and college annual magazine are organized at intervals to enhance their academic output. Teachers have regular access to internet, the facility of which is provided to the students also. Many of our teachers are engaged in research for their Ph.D., post-doctoral and MRP works. Most of our teachers present papers and participate in UGC sponsored Refresher courses, Orientation programmes and various regional, national, international seminars, held within the state and in other states in India which not only keep themselves updated with recent developments but also enriches the store-house of knowledge in their respective disciplines. Their academic exposure benefits students in classroom situations.

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

Our college aspires to work towards the all round grooming of the students through professional guidance. In this connection a Career Counselling Cell has been established. Its aims are –

- ❖ To help students to chalk out suitable academic roadmaps for themselves. Interested students may consult relevant magazines, journals and literatures preserved for the purpose at the reading room of our central library.
- ❖ To acquaint them with various career options
- ❖ To address problems related to stress, anxiety, examination phobia, peer pressure and adjustment to changed environment.

On this issue our faculties, Dr. M. Dutta attended a UGC sponsored National workshop on '**Short Term Course on student Counselling and Guidance**' at the University of Burdwan for the period of August 25-31, 2015 and Dr. D.P. Acharya attended '**Basic**

Skills of Counselling' at Academic Staff College of Jadavpur University on and from 26th September, 2013 to 29th September, 2013.

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

In order to boost the capacity of the students to learn and to teach them the meaningful application of knowledge the college adopts some innovative methods both conventionally and technologically which are mentioned below.

- 1) The college encourages ICT based teaching methods including power point presentation and use of internet the facility of which is provided to learners also.
- 2) Educational tours to appropriate places, place of historical interest and museum are arranged by all departments.
- 3) State and National level seminars are organised where eminent resource persons are invited. Lectures delivered by them open up new avenues to thinking for the students. Students' seminar conducted by all departments play a vital role in students' enrichment programme.
- 4) General tutorial classes and for slow learners and advanced learners remedial classes are arranged.
- 5) Some departments occasionally use audio-visual teaching aids like overhead and LCD projector, CD to make teaching process more meaningful.
- 6) Electronic gazettes are updated regularly.
- 7) Feedback on lectures obtained from the students leads the teachers for betterment of their teaching process.
- 8) Class tests and tests on viva voce in case of laboratory based subjects are taken occasionally.

Besides the above mentioned methods each teacher applies his/her own skill wholeheartedly to ensure teaching learning most fruitful. They are encouraged to participate in teaching oriented programmes. The principal as Head of the institution promotes and helps the academic activities by arranging grants, contacting distinguished academicians etc.

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

Library as a learning resource:

Library is the hub of information and it is the treasure of knowledge. It is the nucleus of academic pursuits. Presently in our collage library we have 34000 books, 20 Journals, e-books and e-journals facilities by INFLIBNET- NLIST around 50 students seating capacity in reading room and 4 staff members. The reference section has a good collection of reference books, encyclopaedias, dictionaries, scientific journals etc.

Library resources are the stock in trade of librarians. These are the materials in the library which make services possible. They are the materials which the students come to consult, read or borrow. Library services are many and varied, but they can be

divided into two broad categories namely 'Printed' (Books, Periodicals, News paper and references resources) and 'Non-Printed' (CD/DVD, Videos etc) materials.

Our College library is equipped with well-furnished reading room for students and teachers along with departmental inter-library loan facility. The students can borrow books from the library for the specified period of time. For that purpose, they are issued with college library cards. The library remains open on all working days from 10:30a.m to 4:30p.m(Monday - Friday) and Saturday 10:30a.m to 2 p.m.

Teachers need various kinds of information for teaching and research for the purposes of impacting knowledge in students and self-development. To achieve this, the right information must be available for the right person at the right time in its appropriate format which is the responsibility of the library.

At present college is managed by three library staff and one part time librarian. The students will be able to use the library in a better way if a full time librarian is appointed.

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.

Though the college prepares a well-planned and complete **Academic calendar** and follow it for the entire year to ensure curriculum completion within the planned time frame, yet sometimes unpredictable situation arises when the college has to face some challenges regarding the completion of syllabi. For example university examinations were postponed during last two academic sessions due to election procedure and natural calamity like flood giving rise to a situation beyond control. Flood causes unexpected closure of college, as a result classes are disrupted. Teachers came forward to take extra classes to finish the syllabi.

Some departments sometimes suffer from staff shortage due to retirement or recruitment of our faculty members to a higher post. In such cases college authority appoints guest lecturers or instructs the existing faculty members to shoulder the additional responsibility to complete the syllabi in time.

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

The institute has an open and participative mechanism to monitor and evaluate the quality of teaching learning. This is done through continuous informal interactions with the Head of the Departments concerned and the Principal regarding the students' academic performance, attendance and feedback. These agenda are also discussed in the Teachers' Council meeting and finally in the meeting of the Academic Subcommittee. Appropriate steps are taken to reduce the shortcomings and thereby to improve academic functioning of the college. The college management evaluates the teachers on their teaching performance and corporate activities through the assessment of individual academic diary. The Principal takes the charge of evaluating the academic performance of all teachers regularly. In case of any gross anomaly he talks to the concerned teacher for remedial measures. The feedbacks from the students are also helpful in assessing the academic performance of the respective departments.

Students are also monitored on the basis of their results in the college annual test examinations. The results of the students in the University Examinations are also indicative of the standard of teaching learning system of the college.

2.4 Teacher Quality

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

Permanent full-time teachers are recruited on the basis of recommendation of West Bengal College Service Commission (WBCSC) in accordance with the State Government Act in this regard. However the college management has to appoint a few part-time, guest and contractual teachers of different discipline for the interest of teaching learning activities of the institution. Qualifications of the existing teachers are noted below.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
D.SC/D.Lit	0	0	0	0	0	0	0
Ph.D	1	0	6	3(1On lien)	8	6	24
M.Phil	0	0	0	1	1	2	04
PG	0	0	3	1	11	1	16

Highest Qualification	Contractual Whole Time Teacher		Part Time Teacher (Govt. approved)		Guest Lecturer		Total
	Male	Female	Male	Female	Male	Female	
Ph.D	1	0	3	0	1	1	06
M.Phil	0	0	0	0	0	1	01
PG	0	0	2	4	12	9	27

At present we have 44 permanent full-time teachers. 9 sanctioned posts are lying vacant for different reasons. To cope with the shortage of the qualified staff the college has appointed 10 government approved part-time and 1 contractual and 24 guest teachers (upto 31st March, 2015) having high qualifications and competence. Those apart to reinforce the usual classroom teaching and to expose the students to some advanced topics the institution also organizes seminars and workshop in various disciplines and encourages the students to participate in the deliberations by eminent scholars from other institutes and universities.

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.

Our college has yet to offer any scope for study in the emerging areas of the above mentioned subjects. As an attempt to acquire some idea and knowledge about those subjects, the Department of Commerce organized a UGC sponsored workshop (COURSEWORK ON RESEARCH METHODOLOGY) on March, 2012 and one of our faculties attended 'Seminar cum Workshop on trends in Bio-informatics' held at Berhampur Girls' College on 8th & 9th March, 2013. Due to the growing demand for studying the UG courses in Economics the college has opened this course since 2012. The college has appointed 12 full-time teachers in different departments and few highly qualified guest teachers of various fields in the last three years. In addition to utilising the resources available, the college attempts to invite five stalwarts of Sanskrit for teaching in PG course introduced in 2015 in the capacity of guest teachers.

Faculty recruited during last three sessions, 2012-13, 2013-14, 2014-15.

Faculties recruited			
Departments	2012-13	2013-14	2014-15
English	0	0	2
Bengali	0	0	1
Sanskrit	0	0	2
History	0	0	0
Political Science	0	0	0
Philosophy	0	0	0
Economics	0	0	0
Education	0	0	0
Commerce	0	0	0
Physics	0	0	2
Chemistry	0	0	2
Mathematics	0	0	1
Botany	0	0	0
Zoology	0	0	2
Environmental science	0	0	0

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.

As per UGC guidelines, the faculty members of this college are regularly sent to various faculty development programme organised by UGC, Academic Staff College and University.

Table 2.9 (a): Nomination to staff development programmes

Academic Development Programmes	Faculty	Number of faculty nominated				
		2010-11	2011-12	2012-13	2013-14	2014-15
Refresher courses		3	3	6	4	6
HRD programmes		0	0	0	0	0
Orientation programmes		0	5	2	0	3
Staff training conducted by the University		0	0	0	0	1 (NCC Officer)
Summer / winter schools, workshops, etc.		0	0	3	0	7

The Governing Body of the College sanctioned leaves to those teachers who participated in such courses. College also adopts the same strategy by sanctioning leaves for the teachers to complete their Ph.D. work and to go abroad for post-doctoral research work.

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:

1. Workshop held in Commerce Department (UGC Sponsored workshop "Coursework on Research Methodology" on March, 2012)
2. "Workshop for Orientation/Awareness Programme on NAAC Accreditation" is attended by the faculties Dr. N. Das, Dr.P.Nag and Dr. U. Ghosh at Kalyani University on September,2015.

Handling new curriculum:

1. The members of the teaching faculty participate in the meeting of Board of Studies at Kalyani University for the discussion on new curriculum and other changes. This is conveyed by the Principal in house discussion.
2. Our faculty Sri A. K. Biswas attended the "Curriculum Development Workshop" organised by the Department of English, University of Kalyani on March 11,2015.

Content /knowledge management:

- No formal training as such is held. However seminar on various issues is related to this topic to some extent.

Selection, Development and use of enrichment materials:

- No formal training as such is held.

Assessment:

- Self appraisals are collected at the end of every academic session in the prescribed format by the concerned authority.

Cross cutting issues:

- NSS and NCC units organizes programs of different issues like safety of the girl child in slum areas, environmental pollution, creation of assets, tree plantation, blood donation, blood group testing, preservation of cultural heritage, celebration of independence day, Republic Day etc. Faculties participate in those programs in the capacity of resource person. Dr. K. Sengupta, convenor of this unit conducted many such programmes and has been selected Best Programme Officer in Nadia District by the University of Kalyani. Mr. Akhil Sarkar, faculty of History Department has been trained as N.C.C. Officer from Kamptee, Officer training Academy, Nagpur, Maharashtra on 2015.

Audio visual aids/ multimedia:

- In-house training programs are organised in regular interval to equip the faculties with modern teaching-learning medium.

OER's:

- Open Educational Resources were used by the faculties for self-preparation and for the students by using **Inflibnet-N-List**.

Teaching learning material development, selection and use:

- Need based initiative is taken from time to time.

c) Percentage of faculty:

	2011-2012	2012-2013	2013-2014	2014-2015
Invited as resource persons in Workshops / Seminars / Conferences organised by external professional agencies.	3%	9%	9%	9%
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	40%	35%	30%	50%
Presented papers in Workshops /Seminars / Conferences conducted or recognized by professional agencies	20%	22.8%	22.8%	25%

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

The college management strives for the promotion of professional development of the faculty by:

- ❖ Encouraging the faculty to attend Orientation and Refresher courses, National/International seminars, Training programs, Workshops etc. In this connection it is pertinent to mention here that two of our young faculties Smt. S.S. Mitra and Sri. N. Ganai presented their papers in the international

conferences held in Macaw University (organized by ICAS) on 2013 and in Italy (organized by ICTP) on 2014 respectively.

- ❖ Granting leave for attending seminars organized by other institutions and Universities.
- ❖ Organizing National/State-level seminars on interesting topics of different subjects.
- ❖ Appointing Guest lecturers in different disciplines to cope with the scarcity of teachers.
- ❖ Nurturing the research aptitude of the faculty by encouraging to apply for research projects and granting study leave to complete Ph.D. work and to go abroad for postdoctoral research work as research enhances the quality of teaching. Sri Nirmalendu Ganai of Physics Department (submitted his Ph.D. Thesis at University of Calcutta) will go to Germany to carry out his Post doctoral research work on study leave of one year. The college authority allows the faculty to supervise Ph. D students with simultaneous teaching. Dr. D. P. Acharya guides Ph.D. students.

Names of eight faculty members with the titles of their respective MRP are mentioned below:

Dr. Pranab Nag (Dept. of Commerce)

Economic Dynamics of a Subsistence Economy: A Study of Oneloom Weavers in Nadia District (Funding Agency: UGC, Grant received: Rs.103000/- on 21.10.2010)

Dr. Joydip Dasgupta (Dept. of Commerce)

A Study of Institutional Housing Finance in India – A Case Study of HDFC & HUDCO. (Funding Agency: UGC, Grant received: Rs. 63000 on 2011)

Dr. M Ray (Dept. of Chemistry)

Correlation among flora, fauna with soil quality & Physicochemical Parameters, ion concentration in River water: A Study on Biodiversity of River Jalangi. (Funding Agency: UGC, Grant received: Rs.370000 on 2014)

Dr. Baisakhi Barman (Dept. of Philosophy)

Justice and the Problem of Incorporating different with Special Reference to The Indian Context. (Funding Agency: UGC, Grant received: Rs. 1,10,000, Project completed on 2011).

Smt. Sutapa Saha Mitra (Dept. of History)

Ayurveda & Globalisation: Its Origin, Decline, Regeneration & Present Condition. Funding Agency: UGC, Grant received: Rs.96000 on 2010.

Dr. Uttam Ghosh (Dept. of Mathematics)

Characterisation of Unreachable Holderiann Function via Local Fractional Derivative & Deviation Function. (BRNS Research Project, Grant received: Rs.1317000 on 2014)

Dr. Anup Kumar Saha (Dept. of Economics)

Indian Stock Market (Running). Funding Agency: UGC, Grant received: Rs. 160000 on 2014.

Dr. Santanu Chowdhury (Dept. of Environmental Science)

Assessment of Water quality and Nutrient Dynamics of Purbasthali Oxbow Lake West Bengal. (Funding Agency: UGC, Grant received: Rs. 410000 on 2014)

Our college publishes Teachers' Journal by collecting write-ups from the teachers. Recently it has got the ISSN No.2395-5627. It is getting ready to be published shortly. Some of our faculties published books for the enrichment of the students a list of which is given below.

1. **A Text Book of Advanced Analytical Geometry** by Dr.Arun Kumar Mandal, Dept. of Mathematics.
2. **The Role of Co-operative Institutions in Agricultural Finance in West Bengal** by Dr. Tapan Kumar Samanta. (Published by LAPLAMBART), Dept. of Commerce.
3. **Information, Fractal, Percolation and Geoenvironmental Complexities** by Dr.Uttam Ghosh. Dept. of Mathematics. (Published by LAPLAMBART : ISBN-978-3-659-56351-5)
4. **'Rabindramanane Rituchetana'** by Dr.Tapati Thakur, Dept. of Bengali (Publisher-PAPYRUS; ISBN: 978-81- 908360-1-V).

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

The college has the distinction of having outstanding scholars whose erudition has been recognized at international and national level and added a new dimension to the reputation of the college. Formal awards have been given to our faculty member in recognition of their meritorious excellence in their respective field. Mr. A K Saha, T K Samanta, J Dasgupta, U Ghosh, S Chowdhury, C Biswas were awarded Ph.D by different Universities.

During the last five years our faculties published more than 80 researched articles in different national and international journal and a number of articles have been enlisted in International Database. Five faculties are continuing the research work for Ph.D degree after they completed their coursework. Dr. K Sengupta(Dept. of Botany) has been awarded "BEST PROGRAMME OFFICER" from Kalyani University for his excellent performance in NSS in Nadia District. Dr. Monojit Ray (Dept. of Chemistry) has been selected **Fellow of Indian Chemical Society**. Mr. A Sarkar received best article award from Officers Training Academy, Kamptee, Maharashtra.

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?

Our College has an open and well -structured mechanism for taking a feedback from the students on the academic performance of the faculty. The students give their written feedback before leaving the college on various aspects relating to the teaching-learning process including the faculty, facility and infrastructure. They can freely assess the performance of teachers of respective departments collectively. These feedbacks are tabulated, analysed and discussed in the meeting of Academic Subcommittee with IQAC team. Finally necessary steps are taken to reduce the shortcomings and efforts are made for advancement of the teaching -learning process of all Departments.

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 evaluation process of the college consists of class tests, internal assessment tests (introduced by University of Kalyani in 2006 and continued upto 2012) and test examinations. The schedules of these examinations are given in the college prospectus and the academic calendar supplied to the students at the time of admission. The students come to know about the syllabi, examinations, question patterns, distribution of marks etc. from the teachers of the respective departments at the commencement of the session.

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

The institution does not have the authority to undertake major evaluation reforms. However, from the academic year 2007-08, the affiliating University (Kalyani University) has introduced major revision in the evaluation pattern. Thus excluding Compulsory English, Major Indian Language and Environmental Studies, 15% of total marks have been kept for internal assessment till 2011 -2012. From 2012-2013 the University of Kalyani again restructured the question pattern and assessment system, where the University has abolished the internal assessment and reintroduced the earlier system of 100% answer at final examinations has been reintroduced. From 2013, Practical Examinations in Science subjects are being held at home centre.

To ensure effective implementation of this reform, the institution communicates the students about the university notification and the faculty members are to take class-tests and test examinations following this new pattern. Some of the faculty members have also participated in seminars & workshops organized by the affiliating University for proper communication of the changes.

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?

To ensure effective implementation of the evaluation reforms of the University the Institution maintains regular contact with the University administration, i.e., the Controller of Examinations, Registrar, Inspector of Colleges etc. by regularly attending meetings. Faculty members are appointed as paper setters, moderators and/or examiners. Some of the teachers as the member of the Board of Studies express and exchange views with teachers of the University and other colleges. The College administration implements these reforms through the Academic Subcommittee. This ensures the smooth running of the examination system. This committee also keeps track of all the developments in the University evaluation procedure.

Since our college is affiliated to University of Kalyani, West Bengal, the examination system of the college inclusive of syllabus designing, setting of question papers, conduct of examination is according to the pattern of the university. We introduced

- a) An in-house Test Examinations conducted for the students prior to at least 2.5 months earlier of the final examination and class tests taken by the departments to prepare them for the impending test examination.

- b) Remedial classes allotted for weak students and Tutorial Classes for Advanced Learners.
- c) Class tests are conducted at definite intervals of time. Question papers are set according to the pattern of university questions.

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.

The college adopts formative and summative evaluation approaches to measure student achievement in a course. Formative evaluation, designed to test the cognitive skills of the students is based on tests, home assignments, quiz, students' seminars, viva voce and practical. We have no scope to adopt summative evaluation approaches other than what the University of Kalyani uses to adopt. Special classes are arranged for slow learners.

Impact on the System

The existing assessment process has surely a positive impact on the system as revealed in the year-wise result-profile of the students depicted in the table in the section 2.6.2.

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 behavioural aspects, independent learning, communication skills etc.)

To maintain rigour and transparency in the internal assessment, the teachers strictly adhere to the question pattern prescribed by the University. The record of the marks of all internal examinations is maintained centrally. Independent learning, communication skills of students are assessed through students' seminars, class tests, his/her performance in regular classes. Besides in academics, students also participate in different intra and inter-college co-curricular and extra curricular activities. Our college stood **first** in the Youth Parliament competition in the District Level on 2011 and **second** in State Level on 2012. Our student Sri Souvik Sarkar has been selected by Kalyani University the BEST VOLUNTEER of Nadia District on 2015 for NSS activity. Weightages are assigned for the overall performance of students on the basis of these activities internally; however, there is no scope in the final level for assigning such weightages for evaluating students' performance.

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?

As a whole the College endeavours to mould its students into talented professionals in their respective fields of study. They are expected to have a strong understanding of the basics of the discipline undertaken during the time they complete the programme. Self reliance and skills in communication and practical application of the knowledge acquired, independent thinking, coordination, planning, management, academic writing, and presentation skills are also expected by the students so that they can undertake any career that demands these skills. They are made aware of ethical issues, environmental sustainability issues and social responsibility through many programmes. All these skills develop the personality and outlook of the students and

generate in them a social orientation. All the activities of the departments and the College are designed with this aim.

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

There is a provision of Review of marks obtained in the University examinations through the departmental and institutional Heads. Students avail of this procedure and get Reviews done as and when they think it is necessary. At the college level departmental teachers and Heads address this and settle the grievances of the students.

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 mission and goal of the College determines its learning outcome. The mission of the College has always been to awake the spirit of humanism in a student. Great emphasis is laid on the historical and cultural heritage of India, nurturing such values in education that can inculcate a sense of patriotism among the students and bring them up as conscious and self-reliant citizens of the country. Students are provided with the opportunities required to identify and develop their inherent qualities to help them flourish as complete human beings and take on the role of responsible and sensitive global citizens. At the end of three years spent in the College, students are equipped with inner strength and confidence to face the society in general and the world of higher learning in particular, enabling them to become a complete human being.

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

This institution has a well-conceived plan for monitoring student progress. The evaluation method in the college consists of class tests and test examinations. The schedules of these examinations are depicted in the **Academic Calendar** and also announced at the beginning of each session. Further, the details of the portion of the syllabus in which the students will be examined, distribution of the marks, weightage to be given to the class tests, etc. are also communicated to the students beforehand by the respective departments.

The progress and performance of every student is closely monitored throughout the programme by the respective departments. After each internal assessment and test examinations the results are displayed on the departmental notice boards. After declaration of University results same is displayed on the college noticeboard. Teachers discuss with the students their performance and the way to improve further.

As soon as the results of test examination are finalized, a meeting is convened by the Principal/Convener of the Academic Sub-committee. The results are discussed thoroughly and particularly those of weaker students discussed case by case. Remedial measures are decided upon; and the heads of departments with the help of their colleagues are entrusted with the responsibility of talking to the students individually

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to find out the causes of their poor performance and implementing the decision regarding remedial measures. Parents of slow learners are specially informed and encouraged to communicate with the teachers to know about their wards.

The departments frequently arrange sessions for open discussion wherein the students frankly speak out their minds about the strengths and the weaknesses of the teaching-learning and evaluation processes in the department. .

The students performing poorly in the various examinations are tried to upgrade by calling the parents / guardians to the principal's office and discussing the causes as well as the remedial measures in the presence of the respective departmental heads. The involvement of the guardians in this regard proves extremely useful in boosting up the students' motivation and confidence.

An annual meeting of all the parents/guardians is called with all the teachers in the presence of the Principal to discuss the academic performances, discipline and the overall development of the students in the light of the Institution's ideology for which the college stands. The roles of the guardians are also sufficiently emphasized.

Performance of the students of the General and Honours courses in University Examinations is tabulated below. Results of our students in Sanskrit are truly commendable with alarge number of 1stclass.

SUBJECTS	Academic Session									
	2010 – 2011		2011 – 2012		2012 – 2013		2013 – 2014		2014 – 2015	
	Pass %	% of 1st class	Pass %	% of 1st class	Pass %	% of 1st class	Pass %	% of 1st class	Pass %	% of 1st class
English	86.66	00	92.10	00	57.78	00	63.89	00	65.79	00
Bengali	80.17	16.37	84.75	00	73.33	2.85	77.45	2.94	95.12	3.25
Sanskrit	92.86	55.71	96.34	47.56	93.18	30.68	86.84	28.95	88.76	28.09
Philosophy	91.66	8.33	91.67	12.50	66.66	7.40	44.00	00	50.00	7.14
History	88.63	1.14	93.55	3.22	74.73	00	81.73	4.80	73.00	1.00
Pol. Sc.	76.92	11.54	74.35	00	88.00	4.00	80.00	2.85	58.06	00
Education	N.A.	N.A.	94.44	66.66	92.85	32.14	86.20	31.03	64.10	23.07
Economics	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Accountancy	100.00	28.57	100.00	00	84.61	00	44.44	00	80.95	00
Physics	NA	NA	85.71	14.28	50.00	33.33	54.16	41.67	44.44	22.22
Chemistry	88.24	00	92.31	30.77	64.29	7.14	60.00	20.00	80.00	20.00
Maths	93.10	6.89	54.76	11.90	63.63	4.55	62.50	10.00	59.18	16.33
Botany	33.33	00	71.43	14.28	69.23	15.38	80.00	30.00	41.18	11.76
Zoology	92.86	00	80.00	33.33	75.57	28.57	71.43	23.81	77.78	55.56
Env. Sc.	N.A.	N.A.	100.00	28.57	90.91	36.36	100.00	55.56	90.91	63.63
BA(G)	81.35	00	76.27	00	79.70	00	72.65	00	77.35	00
B.Sc(G)	78.57	00	81.81	00	73.91	00	87.50	00	79.37	00
B.Com(G)	85.71	00	50.00	00	60.00	00	100.00	00	50.00	00

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

The Institution promotes learning through assignments, projects, seminars, project works and practical sessions, through which the student acquire and develop skill in

collecting, processing and presenting relevant data, and also develop dexterity in communication, co-ordination, planning, management and academic writing. The Institution encourages educational excursions, and interaction with experts through seminars and workshops, by which the students develop their knowledge, personality, consciousness on conservation and nature and social orientation. Students and staff are made aware of these through academic calendar, classroom teaching, interactive sessions, parent-teacher meetings and through programmes like the Annual Cultural Function, Republic Day, Independence Day and Vidyasagar's Death Anniversary celebration.

Compulsory course in Environmental Studies, following Kalyani University regulations, co-curricular group activities like NSS and NCC foster self-development, community service, national integration and accountability towards the society in general.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

Recognizing the need for higher level of skills and competencies required to support national development, especially in the era of globalization, the Commerce department of the college organised a UGC sponsored workshop entitled Research Methodology on March 27-30, 2012.

In the introductory classes of any course, teachers make the new students aware of the social and economic relevance of the course. Teachers focus on how the study of the courses can be economically and socially significant by explaining the job opportunities and scope of further studies and research work in the subjects. Departments organize lectures to discuss the issues relating to impact of studying the subjects in the society.

National conferences on emerging trends in diverse fields are organized to pave the way for our faculty to have interaction with many national and international scholars. The college has had the privilege of participation in enriching and enhancing the academic ambience thereby contributing to the achievements and performances of the faculties and students as well.

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

Departments collect data on students' learning primarily on the basis of the results obtained in the College Examination and University Examination and also from the higher education enrolment of each programme. The house examination results of the students are analysed by respective departments. The students are divided into **three categories: weaker, average and advance learners**. In order to improve the performance of the students remedial classes for the weaker students, tutorial classes for the average students and special coaching for the advance learners are arranged during the period when the classes remain suspended till the University examination begins.

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

College authority monitors the performance through attendance records and results of class tests and test examinations. Those are displayed on the departmental and also student's notice boards. The answer scripts are also shown to the students to help them to analyse their mistakes. Results of the College and University Examinations are analysed in the meetings of Academic Sub-committee.

Departments arrange remedial classes for slow learners. Monitoring is done by IQAC through student feedback which includes a component on the achievements of learning outcomes. This is obtained for each course annually.

2.6.7 Does the institution and individual teachers use assessment/evaluation 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.

As educators increasingly are held responsible for student achievement, teachers are finding different ways to effectively document student responsiveness to interventions and track progress toward important outcomes. Seminars on the various important topics of the subject are conducted and evaluated. Above all our institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning. Students of our college securing 1st class or appreciable percentage of marks at the UG final level perform well at the PG level also. After that they appear for different competitive examinations, administrative as well as academic, achieving success.

Performance of the students is analysed every year and necessary measure is adopted for further improvement as and when necessary.

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

Nabadwip is one thousand plus old city with a glorious tradition and heritage of Sanskrit Learning. Being the birth place of ChaitanyaMahaprabhu, the apostle of unbounded love and peace, Pandit Raghunath Shiromoni, Buno Ramnath or RamnathTarkkashidhanta and Krishnachandra Agambagish, the legendary scholars and exponents of religious views boasts of a composite culture and social milieu. Our History and Bengali Departments maintained closed relationship with Puratatwa Parishad, a historical society and Bangabibudho Janani Sava, a hundred years old organisation for promoting and preserving Sanskrit and other oriental studies to explore the fields of research and different areas.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**3.1 Promotion of Research****3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?**

No. The institution does not have any recognized research center of the affiliating University or any other agency/organization.

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

Yes. The institution has a research committee namely Research, Consultancy and Extension Sub-Committee to monitor and address the issues of research.

The Composition of the committee is as follows:

1. Dr. Buddhadeb Bandyopadhyay, Principal, Chairman (Ex-officio)
2. Smt. Swati Das(Sur), Convener
3. Dr. Mousumi Roychudhury
4. Dr. Monojit Ray
5. Mr. Pankaj Sarkar
6. Dr. Bhaskar Chatterjee
7. Mr. Rupen Mondal

We also have a Seminar/Workshop Sub-Committee whose composition is as follows:

1. Dr. Buddhadeb Bandyopadhyay, Principal, Chairman (Ex-officio)
2. Mr. Rupen Mondal, Convenor
3. Dr. Mousumi Roychudhury
4. Mr. Pravash Mandal
5. Mr. Pankaj Sarkar
6. Dr. Bhaskar Chatterjee
7. Dr. Santanu Choudhury
8. Mr. Pijush Bhadra
9. Smt. Swati Bhattacharya
10. Smt. Damayanti Bhattacharya
11. General secretary, students' union (ex- officio)

Major recommendations of the Sub-Committees during last five years are:

- i) To arrange departmental seminars internally once in every year;
- ii) To organize seminar and publish research papers in journal/magazine with ISSN;
- iii) To encourage teachers to attend national and international seminars;
- iv) To inspire teachers to undertake research projects with the financial assistance of UGC and other outside agencies.

Impacts of those recommendations may be highlighted as follows:

- i) Most of the departments organized departmental seminars during the year 2011-12, 2012-13, 2013-14 and 2014-15.
- ii) Our Institution has organized two National Seminars, two State-level Seminars and one Coursework on Research Methodology. All of them are sponsored by UGC. Some of our faculty members have published their research papers in reputed national and international journals.
- iii) Our college also publishes an academic journal namely *Teachers' Journal*
- iv) Our faculty members attended large number of international, national and state level seminars during last four years. For example, Shri Nirmalendu Ganai attended "Advanced Workshop on Interdisciplinary Views on Chromosome Structure and Function", held in the Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, during 15th– 19th September, 2014. Smt. Sutapa Saha Mitra also attended International Conference "East-West Crossroads" held in Macau, China in 2013 and presented a paper entitled "Ayurveda Re-packaged: An entry into the global market through advertisements".
- v) Few teachers have started their minor research projects funded by the UGC.



Dr. Madhuban Dutta Presenting Paper at UGC sponsored State Level Seminar on 26th Feb. 2011

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*
- *facilitate timely auditing and submission of utilization certificate to the funding authorities*
- *any other*

In order to facilitate smooth progress and implementation of research schemes projects the institution adopts the following measures:

- i) Principal investigators are enjoying autonomy regarding utilization

- of the fund released for Minor Research Projects;
- ii) Necessary funds are released usually in time;
 - iii) Principal investigators can access books, journals in the college library and internet facilities available in the college. They can also access e-journals and e-books through INFLIBNET N-list program. We have also started to sanction necessary fund required for purchasing research oriented books and journals in the college library;
 - iv) Usually teachers do not get facilities like reduced teaching load, special leave etc. due to inadequate faculty strength in the college. However, the faculties who are pursuing the Ph.D. course-work some adjustment in teaching load is made here and there.
 - v) Currently, faculties are enjoying internet facility and desktop computers in the college premises for their research purpose. Using the access of INFLIBNET N-list program, they can use e-journals for their respective research areas. We have also a plan to provide a laptop to all the whole-time teachers for their research.
 - vi) Funds received from UGC are regularly audited and their utilization certificates are usually submitted quite regularly.
 - vii) N.A.



Research Laboratory of the Department of Chemistry

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

In order to develop scientific temper and research culture and aptitude among students, teachers share their research experience and current development in their respective fields with their students in the class room. Sometime, faculties of different Universities also participate in the seminar, conferences, organized by the institution to exchange their ideas with the students.

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.)*

Most of our faculty members are actively involved in the research activities by means of their involvement in research projects including Ph.D., Post-doctoral research projects in different universities and UGC minor research projects. They also actively take part in seminar, conference and workshops held in different institutions.

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.

To improve research culture among the staff and students of our college, different departments of this College have organized the following seminars, conferences and workshops within the College campus:

Sl. No.	Title of the seminar/conference/workshop	Organizing Departments	Collaboration(if any)	Date
1.	UGC Sponsored State level seminar on " <i>Rabindranath and Manabatabad</i> "	Department of Bengali	RabindraAdhyayan Kendra, University of Kalyani	16 th - 17 th November, 2011
2.	UGC Sponsored State level seminar on " <i>Kalidasa & Bhavabhuti</i> "	Department of Sanskrit	Krishnagar Government College	18 th -19 th November, 2011
3.	UGC Sponsored National level seminar on " <i>Application of Mathematics in Science & Social Science</i> "	Department of Mathematics	Ranaghat college	10 th - 11 th January, 2012.
4.	UGC Sponsored " <i>Coursework on Research Methodology</i> "	Department of Commerce	—	27 th – 30 th March, 2012

Apart from the above, different Departments organized departmental seminars during last four years. These departmental seminars were funded by the college. The Department of Chemistry also conducted a Summer Camp for research work of students during April – July 2015. Four students from four different colleges participated in that camp and successfully completed it.



Dr. Soma Seth is delivering lecture at Summer Research Camp organized by Department of Chemistry during April-July 2015.

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

Research activities, which are being conducted by our faculty members, are mainly selected on the basis of prevailing issues of the locality and the neighbouring areas. For example Dr. Monojit Ray, Associate Professor of Chemistry, is currently doing a research project titled “*Correlation among Flora, Fauna with Soil quality and Physico-chemical parameters, Ion concentrations of river water: A Study on Bio-Diversity of River Jalangi*” in the Department of Chemistry. Dr. Anup Kumar Saha is also doing a Minor Research Project sponsored by the UGC titled “*Recovery of Indian Stock Market*”. Dr. Santanu Choudhury, CWTT of Environmental Science Department is doing a UGC funded Minor Research Project “*Assessment of Water quality and nutrient dynamics of Purbasthli oxbow lake, West Bengal*”. Dr. Pranab Nag completed a Minor Research Project sponsored by the UGC titled “*Economic Dynamics of a Subsistence Economy: A Study of One-loom Weavers in Nadia District.*”. Dr. Joydip Dasgupta is doing an UGC-sponsored Minor Research Project titled “*A Study of Institutional Housing Finance in India – A Case study of HDFC and HUDCO*”. Dr. B Barman completed an UGC-sponsored Minor Research Project titled “*Justice and the Problem of Incorporating Difference with Special Reference to the Indian Context.*”. Smt. Sutapa Saha (Mitra) completed an UGC-sponsored Minor Research Project titled “*Ayurveda and Globalization: Its Origin, Decline, Regeneration and Present Condition*”

In order to provide expertise to the faculty, the institution has an arrangement of keeping the reports of all completed research projects in the central library and also has sufficient journals, books both in the form of hard and soft copy in the library.

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

During organizing seminars, conferences, workshops at our college campus, we invite eminent resource persons of different higher learning institutions and Universities to deliver lectures and during that time, they interact and share their vast knowledge with our teachers and students. We also invite eminent researchers to participate and present their research paper in those programs.

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?*

We recently granted Special Study Leave to Mr. Nirmalendu Ganai for a period of one year for his Postdoctoral Scientific Research at Forschungszentrum Jülich GmbH, Jülich, Germany.

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)*

Transfer and exchange of findings and knowledge as gathered in the process of research are held through seminars and workshops arranged internally in the College. Research scholars also use to present papers involving the findings of research in seminars, conferences and workshops in different higher learning institutions and research institutes.

3.2 *Resource Mobilization for Research*

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

The institution is not empowered to allot any funds for research.

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?*

No. The college decided to provide seed money to the faculty for research work in future.

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

Till now the institution does not have any such provision to provide financial support for student research projects. Still, The Department of Chemistry organised a summer research Camp for student during 9th April 2015 to 10th July 2015.

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 members of various departments of this institution are very much interested to carrying out interdisciplinary research. For this purpose they interact with the faculty members of other departments through Seminar & Research Forum and hold informal discussion among themselves. The faculty members of any particular department also actively participate in the seminars, conferences and workshops organized by other departments or by departments together. Again faculty members of different departments jointly organize seminars, conferences and workshops on the title of common interests or interdisciplinary dimensions.

Teachers of Chemistry, Botany and Environmental science are involved in inter-disciplinary research. Teachers of Commerce and economics are also involved in inter-disciplinary research. For example, Dr. Monojit Ray and Dr. Koushik Sengupta had published number of research papers jointly. The main challenges are financial support, Journal availability for interdisciplinary research.

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

All the science departments are well equipped with various instruments, maintained by the respective departments. The institution ensures optimal use of various equipment and research facilities by means of discussion among the faculty members in the meetings of Research, Consultancy and Extension Sub-Committee, teachers' council and departmental committees. The College also circulates information about its various equipment and research facilities in its annual quality assessment report in order to disseminate those information to other stakeholders. Faculty members doing minor research work are provided internet facilities available in the college.

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

No, till now institution has not received any special grant or finances for developing research facility from any agency other than UGC.

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

Yes. Dr. Uttam Ghosh secured research fund from the DAE, Govt. of India. The Research, Consultancy and Extension Sub-committee helps the researcher to prepare the research proposal. It may be mentioned here that apart from this some MRP under UGC grants have also been undertaken. These are:

Projects undertaken during the last four years:

Nature of the Project	Duration Year From To	Title of the Project	Name of the funding agency	Total Grant		Total grant received till date (Rs.)
				Approved (Rs.)	Sanctioned (Rs.)	
Minor Research Projects:						
Dr. Monojit Ray, Associate Professor,	2014-2016	Correlation among Flora, Fauna with Soil quality	UGC	3,70,000/-	3,44,000/-	3,44,000/-

Department of Chemistry		&Physico-Chemical parameters, ion concentrations of river Jalangi: A study on Biodiversity of River Jalangi.				
Dr. Anup Kumar Saha, Assistant Professor, Department of Economics	2014-2016	Recovery of Indian stock market	UGC	1,60,000/-	1,12,000/-	1,12,000/-
Dr. Santanu Chowdhury, Contractual Whole Time Teacher, Department of Environmental Science	2014-2016	Assessment of Water quality and nutrient dynamics of Purbasthli oxbow lake, West Bengal.	UGC	4,10,000/-	3,42,500/-	3,42,500/-
Dr. Uttam Ghosh, Assistant Professor, Department of Mathematics	2014-2017	Characterization of unreachable (Holderian) functions, via local functional derivative & derivation function.	DAE, Govt. of India	13,17,000/-	6,18,400/-	6,18,400/-

3.3 Research Facilities

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

Following research facilities are available to the students and research scholars within the campus:

- i) Enriched computerized library, with about 33,581 text books and 4000 reference books in the college library;
- ii) Three academic journals
- iii) E-journals and e-books through INFLIBNET N-list programme in the Library;
- iv) 10 internet terminals within the college campus;

- v) Well equipped computer laboratories.
- vi) Each Science Departments with Instrumentation facilities.
- vii) Regular visits and interaction with other research facilities, excursions and field work.

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 institution plans up-gradation and creation of infrastructure.
- establish new Chemistry, Biological Science and Environmental Science laboratory dedicated for research works
- Purchase of modern scientific instruments etc. with due consideration to the interest of the students and that of the faculty members who are carrying out their research works.
- Ensuring uninterrupted and upgraded electric supply by setting up special transformer, maintaining a generator and planning of a modest solar power supply unit to act as supplementary source of power.
- Establishment of a medicinal garden.
- Establishment of a butterfly park.
- Renovation and expansion of library and increasing library hours.
- MOU an MOA with industry and advanced level academic and research unit subject to the approval of University of Kalyani.
- Women study center encourages faculties and students undertaking research projects.
- Seeking aid from the rich qualified alumni.

For the interest of research works it duly considers the opinion of Seminar and RCE sub-committee and also that of the other faculty members. It duly considers requirement of infrastructural facilities suited to carrying out research on emerging areas. It follows necessary guidelines of the different agencies like UGC and NAAC relating to research and publication.

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, already mentioned in 3.2.6

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

Nil.

3.3.5 Provide details on the library/ information resource center or any other

facilities available specifically for the researchers?

- i) Three subject journals;
- ii) e-journals through INFLIBNET N-list programme;
- iii) 10 internet terminals;

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.

See 3.2.2 and 3.2.4

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)**
 - * **Original research contributing to product improvement**
 - * **Research studies or surveys benefiting the community or improving the services**
 - * **Research inputs contributing to new initiatives and social development**
- 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:** During last four years some of our faculties conducted pilot survey and field survey in pursuance of their research work. Again, following existing curriculum of the University of Kalyani all of our students of NSS along with our faculty members conducted survey in few villages of our native block Nabadwip. Students of B.Sc. Honours (Botany, Zoology and Environmental Science) also conducted survey in complying with their existing curriculum.
- * **Research inputs contributing to new initiatives and social development:** During last four years three of our faculty members namely Dr.Pranab Nag, Dr. Baisakhi Barman and Smt.Sutapa Saha (Mitra) have completed their minor research projects funded by the UGC. Their research findings contain lot of important research inputs for further research work and initiatives for social development. Again during last four years our faculty members have got their researched paper published in different journals and edited books, which also contain lot of research inputs.

We are going to publish our journal **Teachers' Journal – NabadwipVidyasagar College** (ISSN NO. 2395-5627), which contain lot of inputs for further research work and initiatives for science and social developments.

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?

Yes, the institution is going to publish one annual journal **Teachers' Journal – NabadwipVidyasagar College** (ISSN NO. 2395-5627), an interdisciplinary journal of Science, Linguistics, Commerce, Economics, Social Science and Allied Areas.

Following is the composition of editorial board of that journal:

1. Dr. Buddhadeb Bandyopadhyay, Principal, Chairman (Ex-officio)
2. Mr. Rupen Mondal, Editor.
3. Dr. M Roychudhury
4. Dr. Madhuban Dutta
5. Smt. Kalyani Roy
6. Dr. Soma Mondal
7. Dr. Pranab Nag
8. Dr. Sankar Narayan Sinha, KU
9. Dr. Dhruvajyoti Sarkar, KU

Yes, we obtained ISSN of that Journal (2395-5627) with effect from 6th May 2015.

3.4.3 Give details of publications by the faculty and students:

- * **Publication per faculty**
- * **Number of papers published by faculty and students in peer reviewed journals (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.)**
- * **Monographs**
- * **Chapter in Books**
- * **Books Edited**
- * **Books with ISBN/ISSN numbers with details of publishers**
- * **Citation Index**
- * **SNIP**
- * **SJR**
- * **Impact factor**
- * **h-index**

Publication per faculty: 1.955

Number of papers published by faculty and students in peer reviewed journals (national / international):86

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.): 48

Monographs:Nil

Chapter in Books:6

Books Edited:0

Books with ISBN/ISSN numbers with details of publishers:

1. A Text Book of Advanced Analytical Geometry (Hons and PG) – Dr. Arun Kr. Mondal
2. Information, fractal, Percollation and Geo-environmntal

- Complexities. Uttam Ghosh. LAP LAMBERT Academic Publishing. ISBN NO. 978-3-659-56351-5
3. Rabindramanone Rituchetana – Dr. Tapati Thakur, ISBN NO. 978-81-908360-1-V
 4. The Role of Co-operative Interactions in Agricultural Finance-Finance Appraisal. Dr. Tapan Kumar Samanta, LAP LAMBERT Academic Publishing, ISBN NO. 978-3-659-57162-6
- Citation Index:255
 SNIP:Nil
 SJR:Nil
 Impact factor: 39.47
 h-index: 33

3.4.4 Provide details (if any) of

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

Research awards received by the faculty:

- i) Dr. Monojit Ray was selected as Fellow of Indian Chemical Society since 2014
- ii) Dr. Uttam Ghosh, Assistant Professor of Mathematics was awarded Ph.D by the Kalyani University.
- iii) Dr. Anup Kr Saha, Assistant Professor of Economics was awarded Ph.D by the Kalyani University.
- iv) Dr. Santanu Choudury, CWTT of Environmental Science was awarded Ph.D. by the Kalyani University.
- v) Dr. Tapan Kumar Samanta, Assistant Professor of Commerce, was awarded Ph.D by the Kalyani University.
- vi) Dr.Chinmoy Biswas, Assistant Professor of Mathematics was awarded Ph.D by the Kalyani University.
- vii) Mr. Akhil Sarkar was awarded M Phil by the North Bengal University.

Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally:

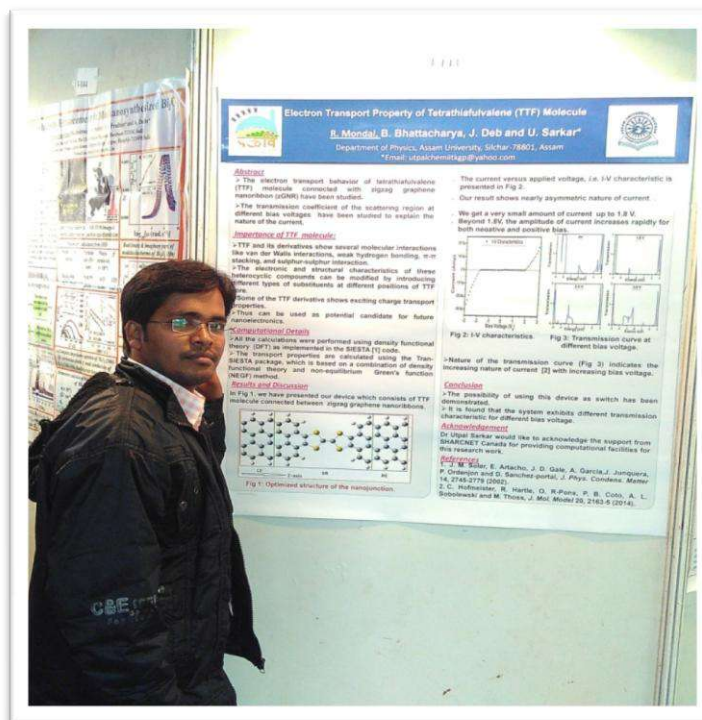
- i) Dr.Monojit Ray is Life member of IACS, Jadavpur. He is also a fellow of Indian Chemical Society since 2014.
- ii) Dr.Chandrima Basu is member of Editorial Board, Academic Spectrum and North 24 Pgs. Women's Sports Association. Advisory board member of Ami Arani.
- iii) CMA Dr.Tapan Kumar Samanta is a Life member of IBSA, Durgapur and Associated member of The Institute of Cost Accountants of India.

- iv) CMA Dr. Jaydip Dasgupta is an Associated member of The Institute of Cost Accountants of India.
- v) Dr. Samiran Senapati is a Life Member of Operation Research Society of India.
- vi) Dr. Debiprasad Acharya is a Life Member of Operation Research Society of India.
- vii) Dr. Pranab Nag and Dr. J Dasgupta are life member of Indian Accounting Association.

Incentives given to faculty for receiving state, national and international recognitions for research contributions:

Though the institution does not have any formal system to provide any direct incentive to faculty for receiving state, national and international recognition for research contributions, we have arranged some indirect incentive for our faculty members, which are:

- i) We allowed our faculty members to organize seminar, conference, workshop both from college fund and fund provided by external agencies like UGC;
- ii) We allowed faculty members to participate in seminar, conference and workshops, held at different higher learning institutions and research institutions;
- iii) We allowed our faculty members to conduct minor research projects, sponsored by the UGC;
- iv) We allowed our faculty members to pursue Ph.D. coursework at different Indian universities as per UGC regulation;
- v) We increased considerable number of books and journals in our central library;
- vi) We increased the number of internet terminals to 10



Mr. Rajkumar Mondal, Assistant Professor, Dept. of Physics, is presenting paper in the International Solid state Symposium on 23rd December 2015 at Amity

University.

3.5 *Consultancy*

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

The institution establishes institute-industry interface by means of organizing seminar, conference and workshop funded by itself as well as by the UGC.

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

Our college is a non-profit seeking organization. As such our faculty members renders some sort of consultancy services voluntarily and without any earning motive.

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

There is no formal system of encouraging our faculty members to utilize their expertise and available facilities for consultancy services.

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

As stated earlier our college is a non-profit seeking organization. As such our faculty members and students render some sort of consultancy services voluntarily and without any earning motive.

- The College NCC and NSS organize *Rasjatra* Camp every year during Ras festival of Nabadwip with Lions Club of Nabadwip.



Rasjatra Camp during Ras festival of Nabadwip.

- NCC and NSS students regularly participate and donate blood in different Blood donation Camp. They are also involved in tree plantation.
- Dr. Monojit Ray is a member of Nadia District Primary School Council

and Member Syllabus Committee, Department of Technical Education, Govt. of WB.

- Dr. Arun Kumar Mondal, Dr. Monojit Ray, Dr. Uttam Ghosh, Prof Akhil Sarkar etc. are associated with West Bengal School Service Commission.
- Dr. Tapati Thakur, Dr. Hemanta Bhattacharya, Dr. Chandrima Basu, Smt. Kalyani Roy, Smt. Arunima Chakraborty, Dr. D P Bagchi, Prof Akhil Sarkar, Prof Arun Kumar Biswas etc. are associated with DODL, University of Kalyani.



Blood Donation Camp Organized jointly by our NCC unit and Nabadwip Lions Club.

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?

N.A.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The institution promotes networks with neighborhood community through the following activities:

- i) Various community extension and social action programmes, organized by its two important organs NSS and NCC;
- ii) Annual social function;
- iii) Participation of the students in games, sports and competitions;
- iv) Our NSS volunteers put their best efforts in the slum area in the vicinity of our college in the context of generation of awareness for healthy lifestyle.

- v) NSS volunteers mark the speed breakers in the Nabadwip town and simultaneously counsel the local people to avoid the risk of accident.
- vi) Our NCC cadet forwards their hands to the people in cognito during the local festive season by formation of relief camp.

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

The institution tracks its students' involvement in various social movements/activities mainly through its two important organs NSS and NCC and participation of students in external cultural events like District Football championship, District Sports, Youth Parliament Competition and Quiz Contest organized by the Ministry of Parliamentary Affairs, Government of West Bengal. Moreover, regular counseling has been done while we are in the class to make them aware of the basic need of education, that is, the improvement of good behavior because this is the prime factor to be a good citizen in future.

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

The institution solicits stakeholders' perception on the overall performance and quality of the institution by adopting following strategies:

- i) Collection of formal and informal feedback from different stakeholders;
- ii) Considering opinion of the faculty member by means of discussion in the meeting of the Teachers' Council and opinion of the staff members in the meeting of the Joint Staff Council;
- iii) Considering opinion of the different representatives in its Governing Body and Internal Quality Assurance Cell.

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.*

As stated earlier the institution plans and organizes its extension and outreach programmes mainly through its two important organs viz. NSS and NCC. At the beginning of the every session unit of NSS prepare a proposed normal programmes schedule in consultation with NSS Team and send those schedules to the Programme Coordinator, National Service Scheme, University of Kalyani. After having approval for the same the University releases fund for organizing those programs. Apart from this, they also send proposal for winter special camp containing lot of extension and outreach programmes in their respective adopted village. On approval of the same the University releases the necessary grant for the same. Other than NSS and NCC the institution also organizes extension programmes out of fund provided by the UGC.

Programme and schedule of NCC are organized and conducted by 54 BN, Kalna and 3 BN(Girls), Krishnanagar under supervision of army personnels provided by the BN.

Following are the budgetary details of three units of NSS of this institution:

Normal Programms		
Year	Opening balance of last year and grant received from the University Rs	Grant utilized Rs.
2009-10	Nil	Nil
2010-11	Nil	Nil
2011-12	Nil	Nil
2012-13	22000.00	22000.00
2013-14	22500.00	22553.00
2014-15	32500.00	32502.00

Winter Special Camp		
Year	Opening balance of last year and grant received from the University (Rs.)	Grant utilized (Rs.)
2009-10	Nil	Nil
2010-11	Nil	Nil
2011-12	22500.00	22665.00
2012-13	22000.00	22000.00
2013-14	22500.00	22500.00
2014-15	22500.00	22500.00

Following are the major extension programmes, organized by the institution during the last five years:

- i) Cleaning programmes within the college and in adopted villages.

- ii) Participation in the Blood donation camps.
- iii) Tree plantation programme.
- iv) Motivation for blood donation.
- v) Awareness programme for prevention of environmental Pollution.
- vi) HIV/AIDS.
- vii) Observation of different memorable days.
- viii) Observation of national integration week.
- ix) Self-employment training programme.
- x) Awareness about beneficial uses of traditional varieties of agriculture etc.
- xi) Generation of awareness regarding the use of resistant varieties among the end users.
- xii) Blood group detection of students.
- xiii) Rapid campaigning was forwarded against the use of genetically modified crops.

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

The institution promotes the participation of students in extension activities including participation in NSS, NCC, YOC and other National/International agencies through the following:

- i) Disseminating necessary information to the students through prospectus and Annual Quality Assessment Report;
- ii) Arranging of introductory classes at the beginning of the session.

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?*

In the matter of ensuring social justice and empowering students our unit of NSS organized different extension programmes in their respective adopted villages. Volunteers of NSS unit, local youth and programme officers actively participate in those programmes.

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.*

Different extension programmes, organized by our NSS unit and NCC cadets and students other than NSS volunteers and NCC cadets no doubt serves as the complement of students' academic learning experience. Those programmes inculcate some sorts of value and skills, which are not possible by means of normal activities. Students can be acquainted with the skill by which they can face various issues like protection of human rights, eradication of environmental pollution, blood donation, prevention of AIDS/HIV eradication of allergic weeds etc.

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?*

With a view to ensuring involvement of the community in its reach out activities the institution makes wide publicity about its different programmes. It also makes measures to involve the community through its students. It invites local community to participate in the programme and collects their opinion before shaping out any such programmes.

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.*

Following are the details of constructive relationship forged by the institution for working on various outreach and extension activities:

- i) The institution organizes various extension activities in collaboration with Nabadwip Municipality.
- ii) Panchayat Pradhan of the Gram Panchayat (Majdia-Panisila) under which adopted village of our NSS unit belong is the member of our NSS Advisory Committee.

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.*

During last four years the institution received few such awards.



Dr. KoushikSengupta is Receiving Best Programme Officer Award during NSS Convocation of K.U. on 12/8/2015.



Mr. Akhil Sarkar is Receiving Award for Merit in NCC Officers Training Academy, Kamptee, Maharashtra, on 16th October 2015.

3.7 Collaboration

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

The institution interacts with different external organizations by means of organizing different programmes, which are:

- i) During last five years the institution organized UGC sponsored three state level seminars and two national level seminars in collaboration with different Colleges and Institutes at the College premises.
- ii) The institution organized two state level seminars (Sanskrit and English) in collaboration with Assannagar MMT College.
- iii) The institution organized one UGC sponsored state level seminar on Biodiversity in collaboration with D L College, Krishnanagar.
- iv) It organized one UGC funded workshop on Research Methodology.
- v) The Chemistry Department of our College conducted Summer research camp for UG Chemistry (H) students during April 2015 – July 2015.
- vi) The Department of Commerce and the Department of Economics organized UGC sponsored National Seminar on *Development and the Role of Local Sell Government: Indian Perspective*, in collaboration with the Institute of Cost Accountants of India, Srirampore Chapter.

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.*

State: During last five years institution organized different seminars and workshop in collaboration with Assanagar MMT College, Ranaghat College, Krishnanagar Govt. College, Dwijendralal College etc. It also organized different extension programmes in collaboration with NCC 54 BN and 3 Bengal (Girls) BN.

National:	Nil
International:	Nil
Industry:	Nil

Service sector: The college has started a Study Center of the **DODL, University of Kalyani, Agriculture sector:** Nil

Administrative agencies:	Nil
Any other (specify):	N.A.

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.*

During last five years our college organized two Campus recruitment programmes with the following organizations:

- i) FRESINIUS KABI ONCOLOGY LIMITED, KALYANI
- ii) CANPRO GI SECURITY, KOLKATA



3.7.4 *High lighting 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.*

During last five years the institution organized UGC funded Workshop on "Research Methodology" and two national level seminars. Following is the list participants, who contributed lot of inputs in that Workshop and seminars:

- i) Prof. Ratan Khasnobis, Calcutta University;
- ii) Dr. Ishita Lahiri, Kalyani University.
- iii) Prof. Subhas Ch. Bhattacharya, JU
- iv) Prof. Sarbani Choudhury, Kalyani University.
- v) Prof. Dhiren Koner, Kalyani University.
- vi) Prof. Arabinda Bhattacharya, CU

- vii) Prof. Goutam Banerjee, NIT, Durgapur
- viii) Prof. Manjusri Basu, Kalyani University.
- ix) Prof. Dulal Ch. Sanyal, Kalyani University.
- x) Prof. Bani Mukherjee, INS Dhanbad
- xi) Mr. Buddhadeb Ghosh, IAS (Retd.)
- xii) CMA Sudipto Ganguly

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*

a) Curriculum development/enrichment: Nil

b) Internship/ On-the-job training: Nil

c) Summer placement: One Student participated in summer camp.

d) Faculty exchange and professional development: With a view to ensuring faculty exchange and professional development during last five years the institution organized three state level seminars and two National level seminars in collaboration with different institutes. The institution organized two state level seminars in collaboration with Assannagar MMT College and one state level seminar in collaboration with D L College.

Dr. Monojit Ray, Dr. Tapan Kumar Samanta, Dr. Jaydip Dasgupta, Dr. Madhuban Dutta frequently visit other institutes of higher learning as visiting faculty for the PG courses in relevant subjects.

e) Research: The seminars, cited above also brought out lot research inputs of our faculty members.

f) Consultancy: Nil

g) Extension: The institution organized a good number of extension programmes in Collaboration with Nabadwip Municipality, Lions Club of Nabadwip etc.

h) Publication: During last five years the faculties of our college published 12 books and chapters.

i) Student Placement:

Placement of students were done by two campus recruitments

- 20th May 2010 by Fresenius Kabi Oncology Limited. Two of our college students (B.Sc., Pure) were recruited.
- 4th June 2010 by Canpro GI Security. Eleven of our college students were recruited.

j) Training programmes: Nil

k) Introduction of new courses:

During last five years our college introduced Economics (Honours) course, Education (Honours) course,

l) Student exchange:

In the summer research camp of Department of Chemistry, 2015 three students from other colleges (Krishnanagar Govt. College, Ranaghat College and Krishnanagar Womens' College) were participated.

m) Any other: Nil.

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

The Institution plans, establishes and implements the initiatives of the linkage/collaboration through its following important bodies:

- Governing Body of College.
- Seminar Sub-committee.
- Research, Consultancy and Extension Sub-committee
- Teachers' Council.
- Internal Quality Assurance Cell.
- NSS and NCC.

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

Total number of research publication, published by our faculty members during last five years are more than eighty.

Criterion IV: Infrastructure and Learning Resource

4.1 Physical Facilities:

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

- i. Take up plans for sustainable expansion to ensure
 - (a) Academic growth and promotion of allied activities
 - (b) Improve existing facilities
 - (c) Make addition to suit new needs
- ii. Submit plans and proposals to the government and other funding agencies for approval and financial sanction.
- iii. Mobilize its own resources as far as possible.
- iv. Monitor the ongoing extension works funded by the UGC and college itself.

4.1.2 Details of facilities available for:

a) Curricular and Co-curricular activities:

The institution has 29 Classrooms, 19 Laboratories, 1 seminar room, 1 Library including Stock Room, Reading Room with Internet facilities. The seminar room is used for lectures, seminars etc. In addition to the main library mentioned above, we have separate departmental libraries of our academic departments, mainly for the use of faculty and students. We have two stand-by green generators. The capacity of which are 7.5 and 62 KV respectively.

Classrooms, enhanced technology enabled teaching-learning process, seminar hall, computer lab, equipped science laboratories, specialized facilities and equipments for teaching, learning and research are the features.

Classrooms- All the class rooms are equipped with black and white board. If the need arises, over head projectors and laptop and computers with LCD screen are used. At present there are 29 class rooms in total. Each of the science departments has separate classrooms and laboratories.

Technology enabled learning space

A computer lab with thirty computers and internet facilities is used for teaching purpose. All the science departments have computers and internet connectivity.

Seminar Hall

The college seminar hall is one with three hundred seat capacity. Departmental seminars are organized in the classrooms while the larger one is used while organizing UGC seminars or workshops.

Tutorial spaces

There is no separate tutorial space. Class rooms are used for this purpose.

Laboratories

Some of the science departments have set up modern lab. computers are used for comprehensive teaching.

b) Extra –curricular activities and sports

i) Sports and Game facilities

The college lacks a play ground and for football or cricket the play ground of a local club (Chatir Math, a play ground owned by Nirvik Samity, a local club) is used. The college Annual Sports Meet is also held there. However, the college provides the ground for badminton and volley ball. There are arrangements for indoor games like table tennis, carrom, physical work out and yoga.

Prizes and trophies are awarded to the successful participants in the Annual Sports Meet. The students with extraordinary skilled are sent to the Inter College sports meet organized by the University. The college provides conveyance allowance, refreshment and sports materials.

2012-2013	Event	Name of Boy Athletes	Rank	Event	Name of Girl Athletes	Rank
Annual College Athletic meet 2012-2013, held in Chatirmath from 30th to 31st January, 2013	100m	Somnath Ghosh, Sujit Ghosh	1 st 2 nd	100m	Tumpa Ghosh Suchitra Ghosh	1 st 2 nd
	200m	Somnath Ghosh, Bhabotosh Das	1 st 2 nd	200m	Tumpa Ghosh Jayanti Bhakta	1 st 2 nd
	400m	Saifuddin Seikh, Bhabotosh Das	1 st 2 nd	400m	Jhuma Das Laxmi Ghosh	1 st 2 nd
	800m	Saifuddin Seikh, Gopal Mondal	1 st 2 nd	4×100 (R)	Laxmi Ghosh, Laxmi Haldar, Jhuma Das, Supriya Debnath	1 st
	4×100 (R)	Soumen Halder, Sabdar Sk, Dibyandu Raha, Sanjoy Das	1 st	Long Jump	Jayanti Bhakta, Supriya Debnath	1 st 2 nd
	High Jump.	Dedabroto Rajbanshi, Mithun Ghosh	1 st 2 nd	Shot-put	Tumpa Ghosh Jhuma Das	1 st 2 nd
	Long Jump.	Mithun Ghosh, Saumitra Bhandari	1 st 2 nd	Discuss	Chandrima Saha, Punam Panday	1 st 2 nd
	Shot-put.	Bhabotosh Das, Soumen Halder	1 st 2 nd			
Discuss.	Gautam Ghosh, Saifuddin Seikh	1 st 2 nd				

2013-2014	Event	Name of Boy Athletes	Rank	Event	Name of Girl Athletes	Rank
Annual College Athletic meet 2012-2013, held in Chatirmath from 30th to 31st January, 2013	100m	Bhabotosh Ghosh Sanjoy Saha	1 st 2 nd	100m	Tumpa Ghosh Puja Rani Nayak	1 st 2 nd
	200m	Bhabotosh Ghosh Sanjoy Saha	1 st 2 nd	200m	Tumpa Ghosh Purabi Biswas	1 st 2 nd
	400m	Saifuddin Sekh Sudeb Majhi	1 st 2 nd	400m	Purabi Biswas Laxmi Ghosh	1 st 2 nd
	800m	Saifuddin Sekh Sudeb Majhi	1 st 2 nd	4×100 (R)	Laxmi Ghosh, Purabi Biswas, Jhuma Das, Tumpa Das	1 st
	4×100 (R)	Saiucin Sekh, Babusona Ghosh, Sudep Majhi, Joydeb Ghosh	1 st	Long Jump	Purabi Biswas Puja Rani Nayak	1 st 2 nd
	High Jump	Charonjit Sarkar Sabir Mallick	1 st 2 nd	Shot-put	Bhasanti Paul Tanisha Majumdar	1 st 2 nd
	Long Jump	Sudep Majhi Sanjoy Saha	1 st 2 nd	Discuss	Tanisha Majumdar	1 st
	Shot-put	Babatosh Das Kabir Mallick	1 st 2 nd			
Discuss	Gautam Ghosh Abubassar Sk.	1 st 2 nd				

Indoor Games (2013 – 2014)

Name of the event	1 ST	2 ND	3 RD
Chess	SandipDebnath	Soumalya Saha	
Carom single	SandipDebnath	ShovanMondal	
Carom double	BijoyDebnath PrakashDebnath	NabyenduSaha Kamal Saha	
Ludo	DipannitaSaha (1 st yr. Sans.)	Papiya Debnath (2 nd yr. Gen.)	BipashaKundu
Skipping	Supriya Bari (3 rd yr. Sans.)	PriyankaDebnath (2 nd yr. Beng.)	Puja Banik (2 nd yr. Gen.)
Candle Lighting	SonaGhosh (2 nd yr. Gen.)	SipraDebnath (2 nd yr. Gen.)	PrognaparomitaGhosh (1yr Zoology.)
Memory test	ChumkiDebnath YankaDatta	PriyankaDebnath	

2014-2015	Event	Name of Boy Athletes	Rank	Event	Name of Girl Athletes	Rank
Annual College Athletic meet 2014-2015 held in Chatir Math from 17th Decemberto 18th December2014-2015	100m	Sumit Das Sanjoy Saha	1 st 2 nd	100m	Tumpa Ghosh Rinki Mondal	1 st 2 nd
	200m	Sanjoy Saha Sumit Das	1 st 2 nd	200m	Tumpa Ghosh Purabi Biswas	1 st 2 nd
	400m	Sudeb Majhi Halim Seikh	1 st 2 nd	400m	Purabi Biswas Anita Halder	1 st 2 nd
	800m	Sudeb Majhi Debashis Ghosh	1 st 2 nd	Discuss	Tanisha Majumdar Tuhin Khatun	1 st 2 nd
	1600m	Sudeb Majhi Debashis Ghosh	1 st 2 nd	Shot-put	Tanisha Majumdar Susmita Debnath	1 st 2 nd
	Shot-put	Sumit Barman Milan Sekh	1 st 2 nd	Long Jump	Anita Halder Laboni Sarkar	1 st 2 nd
	Discuss	Bhabatosh Das Sumit Barman	1 st 2 nd	High Jump	Laboni Sarkar Jaya Barmon	1 st 2 nd
	High Jump	Sanjib Halder Basudeb Biswas	1 st 2 nd	4×100 (R)	Purabi Biswas, Laboni Sarkar, Rinki Mondal, Tumpa Ghosh	1 st
	Long Jump	Saikat Baraigi Basudeb Biswas	1 st 2 nd			
	4×100 (R)	Sumit Das, Sanjay Saha, Sudeb Majhi, Saifuddin Seikh	1 st			

2014-2015	Name of Boy Athletes	Event	Name of Girl Athletics	Rank
Nadia District 26th Non Govt.and Govt. Inter College Athletic Meet and Football championship 2014-2015, held in Sudhiranjan Lahiri college from 20th to 22nd January, 2015	Sumit Das	100m, 200m, 400m	Nil	Nil
	Sanjay Saha	100m, 200m, Broad jump		
	Sudeb Majhi	800m, 1500m		

2014-2015	Name of Boy Athletes	Event	Name of Girl Athletics	Rank
Kalyani University 50th Annual Athletic Meet 2014-2015 from 19th to 20th March, 2015	Sumit Das	100m, 200m, 400m	Nil	Nil
	Sanjay Saha	100m, 200m		
	Sudeb Majhi	400m, 800m, 1500m		
	Saikat Bairaigi	Long jump		

Indoor Games (2014 – 2015)

Name of the event	1 ST	2 ND	3 RD
Chess	Salim Sheikh	Ganesh Sarkar	
Badminton (Students)	AnimeshDenath SubhodipDebnath	SouravDebnath DepakDebnath	
Carram	ProkashDebnath Sujay Das	Milan Sheikh Halim Sheikh	
Ludo	Moriful Sheikh	Amiruddin Islam	
Cricket	Winners Team- BikramGhosh (Captain) Man of the Match- TaposhSaha Runners Team- AniMondal		

2010-2011	Name of Boy Athletes	Event	Name of Girl Athletics	Rank
Nadia District 11th Inter Non Govt. College Athletic Meet and Football championship, held in Shantipur College from 27th to 28th January, 2011	DebabrataGhosh	800m, 1500m, Jav	Pravati Sarkar	100m, Broad jump
	Gopal Das	800m, 1500m	Sampa Chakraborty	Jav, Discuss
	Sanjoy Sarkar	100m,200m, Broad jump	Chumki Das	Shotput, Discuss, Jav
	Swapan Bag	800m, 1500m	Nandani Saha	Shotput, Discuss
	Milan Seikh	High jump, Shot-put	Bhabani Das	200m,400m,800m
	Promotosh Manna	Discuss, Broad jump		
2010-2011	Name of Boy Athletes	Event	Name of Girl Athletics	Rank
XIV Kalyani University Athletic Meet 2010-2011, from 10th February to 11th February, 2011	Debabroto Ghosh	800m, 1500m, Jav	Pravati Sarkar	Long jump, Discuss
	Gopal Das	5000m, 10000m	Sampa Chakraborty	Jav, Long jump
	Sanjoy Sarkar	1500m	Chumki Das	Shotput,Discuss,Jav
	Swapan Bag	100m,200m, Long jump	Nandani Saha	Shotput
	Milan Seikh	400m, High jump Shot-put	Bhabani Das	400m, 800m
	Ashok Debnath	5000m, 10000m	Kajori Debnath	4×100m (R), 100m



Students at Annual Athletic Meet 2014

ii) Gymnasium: The department of Youth Welfare has been approached by the college for sanctioning gymnasium equipments and the news has reached the college that some equipments for building a gymnasiums have been sanctioned. The college has kept a large room for the purpose and as soon as the equipments arrive the college gymnasium will start functioning.

iii) Auditorium:

The college has no auditorium but a big hall with a capacity of two hundred seats, is used for holding seminars, workshop or any large gathering.

iv) NSS and NCC:

The boys and girls of the NSS unit remain engaged throughout the year in various social activities. Recently Dr Anup Saha, Asst. Professor Deptt of Economics has been appointed NSS officer as per kalyani University norms. The University is going to include NSS activities in its syllabus, the action, we hope, will boost up NSS programmes. Dr Koushik Sengupta, NSS coordinator has been adjudged the best programme officer by the University this year.

The College has two boys' and one girls' NCC units. Mr. Akhil Sarkar, Asstt. Professor, Deptt. of History has recently completed PRCN training and Mr. Pijush Bhadra, Asstt. Professor Deptt. of English is selected for joining this training next year. The college NCC unit is the largest NCC unit in the state and plays a very important role in different fields of activity like organising Blood Donation Camp, Blood Group test camp, Assistance Booth in collaboration with Nabadwip Municipality during the Rasa festival, the internationally acclaimed festival of Nabadwip. A hundred and more boys every year lend their services in maintaining law and order as well as traffic management during the festive occasion under the Jurisdiction of Nabadwip Police station, when thousands of Pilgrims visit Nabadwip and Mayapur, twin places of pilgrimages of international repute, Nabadwip is a flood-prone area and whenever there is a devastating flood the NCC unit of the college jump headlong into action for rescue and relief operation.

DATE	ACTIVITY	SC VOLUNTEERS	OBC VOLUNTEERS	TOTAL VOLUNTEERS
07.04.12	NSS volunteers of our college unit made an class wise campaign programme regarding primary health	09	11	97
24.07.12	NSS volunteers of our college unit made an class wise campaign programme regarding utility of plants	07	11	91
15.08.12	Celebration of independence day	09	13	93
04.09.12	NSS counseling class was taken by P.O.	07	11	94
05.09.12	NSS volunteers of our college unit made an class wise campaign programme regarding primary education	09	17	95
08.09.12	International Literacy day was celebrated Programme was held in the slum area near College campus	09	13	90
24.09.12	Celebration of NSS day	08	14	97
26.11.12	Belated celebration of National Integration Day	07	13	83
01.12.12	Celebration of World AIDS DAY Under Red Ribbon Club by learning blood group testing and 3 persons with negative gr. has been identified.	07	13	79
05.01.13	Campaign for safety of girl children in the slum area	05	03	49
26.01.13	Celebration of republic day	09	11	82
27.01.13	Survey regarding primary health and education in the slum area in the vicinity of college	09	11	82
08.03.13	NSS volunteers of our college unit marked all the speed broker of local area to reduce the chances of accidents	07	15	94
14.03.13 to 21.03.13	Special camp activities	07	09	50

DATE	ACTIVITY	SC VOLUNTEERS	OBC VOLUNTEERS	TOTAL VOLUNTEERS
15.08.13	Celebration of independence day	07	13	97
03.09.13	NSS counseling class was taken by P.O.	09	12	95
08.09.13	International Literacy day was celebrated Programme was held in the slum area near College campus	08	09	87
22.09.13	Observation and survey of previously marked speed brokers of local vicinity	07	11	91
24.09.13	Celebration of NSS day	09	13	95
26.11.13	Belated celebration of National Integration Day	07	11	75

01.12.13	Celebration of World AIDS DAY Under Red Ribbon Club by learning blood group testing and 3 persons with negative gr. has been identified.	09	13	84
05.01.14	Campaign for safety of girl children in the slum area	05	03	49
26.01.14	Celebration of republic day	09	11	82
27.01.14	Survey regarding primary health and education in the slum area in the vicinity of college	09	11	82
10.03.14 to 16.03.14	Special camp activities	07	13	50
24.03.14	Importance of blood donation and group testing	08	11	78
26.03.14	Settings of awareness board in local areas	07	13	81
24.09.13 to 26.09.13	ASER (Kaustav Biswas and Partha Pramanik)	01	-	2

DATE	ACTIVITY	SC VOLUNTEERS	OBC VOLUNTEERS	TOTAL VOLUNTEERS
15.08.13	Celebration of independence day	07	13	97
03.09.13	NSS counseling class was taken by P.O.	09	12	95
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26.11.13	Belated celebration of National Integration Day	07	11	75
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05.01.14	Campaign for safety of girl children in the slum area	05	03	49
26.01.14	Celebration of republic day	09	11	82
27.01.14	Survey regarding primary health and education in the slum area in the vicinity of college	09	11	82
10.03.14 to 16.03.14	Special camp activities	07	13	50
24.03.14	Importance of blood donation and group testing	08	11	78
26.03.14	Settings of awareness board in local areas	07	13	81
24.09.13 to 26.09.13	ASER (Kaustav Biswas and Partha Pramanik)	01	-	2

v) **Cultural activities:** A cultural programme is held at Nabadwip Vidyasagar College by the cultural committee. The students from BA, B. Sc. & B. Com streams took part in events like singing, dancing, recitation, quiz, drawing etc. Prizes are given to the students from the college fund.

Freshers' and Farewell Party: The students celebrate the Freshers' welcome or Nabinbaran programme enthusiastically. Musical bonanza is also organized on this occasion and a large number of students take part in the programme.

Republic Day and Independence Day: The NCC units of the college celebrate these two important days every year. The President of the Governing Body, one or two members of GB and the Principal along with some senior members of the teaching and non teaching staff join these celebrations. All the NCC Cadets (both boys and girls) in their uniform stage a parade and after the hoisting of the flag, a brief lecture session is held. The speakers deal with the different aspects of freedom movement and the glorious heritage of our great nation. Refreshments are distributed not only among the students of the college but also the little children who throng the celebration ground in great numbers from the neighbourhood. A community lunch is organized on these occasions.

The celebration of Netaji birthday on 23rd January, the birth and death anniversaries of Pandit Iswar Chandra Vidyasagar: To inculcate the nationalistic feeling and spirit of patriotism, the birth anniversary of Netaji Subhas Chandra Bose, the birth and death anniversaries of Pandit Iswar Chandra Vidyasagar after who the college is named, are celebrated with much gusto. Programmes include hoisting of national flag, garlanding of Netaji's image and that of the marble statue of Vidyasagar installed by the side of the main entrance of the college building. We have a subcommittee for celebrating the birth and death anniversaries of Vidyasagar. Distributions of fruits and sweets among the patients of Nabadwip State General Hospital, organizing a brief programme at the APC Blind School and distribution of reading, writing materials and refreshments to the students of the school take place with utmost enthusiasm.

Saraswati Puja: It is one of the celebrations the students of the college eagerly look forward to. Students, cutting across all barriers of caste; creed and religion join this celebration. It provides a remarkable opportunity for preserving social and religious amity, the carefully preserved motto of our country.

College social or Fest: The college union celebrates college social or Fest every year in the college premises with much enthusiasm. There are arrangements for music, dance, drama, recitation and other entertaining programmes. A number of students assembled on this occasion is remarkable.

The facilities available are two modest play grounds in the main campus to play such minor outdoor games as volleyball, badminton. Football, cricket and other athletic events are practiced in a nearby ground owned by a local club.

Annual sports meet is also held there with much gusto. Prizes and trophies are awarded to the successful participants. Those having extraordinary skill are encouraged to join inter college sports meet organized by the University. College provides all the sports materials, conveyance charges and refreshment for such meets.

vi) **Public speaking:** Regular debate and extempore speeches are organized by the cultural sub committee for training students in public speaking and communication skill development. Students also participate in competitions or programmes held outside college.

viii) Communication skill development: With a view to ensuring communication skill development of the students the career counseling cell in collaboration with the faculties of the department of English organizes 'Spoken English' classes within the college premises.

ix) Health and hygiene: There is a unit of Student's Health Home, the oldest one in the state outside the Headquarters of Moulali, Kolkata. But the facility provided by the college, it must be admitted falls far short of requirement.

The college maintains good relationship with the local State General Hospital. On the birth anniversary of Pandit Iswar Chandra Vidyasagar in the memory of whom, the College is founded; the college observes a programme of fruit distribution in the hospital. The college maintains regular interaction with the local medical practitioners who respond promptly at the time of any medical need.

4.1.3. How does the institution plan and ensure that the available infrastructure 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).

During full session all the classrooms and laboratories remain occupied, indicating the optimum use of the available space. The college has been suffering from space crunch for a long time. With the introduction of new courses and the increase of number of intake of students as instructed by the university, the problem took an alarming proportion. However, a three storied new building is came up a few years ago at the front part of the main campus. Another is going to be completed within a short period. Having got hold of the Bakultala Boys' Hostel building on lease basis the college has managed to cope with the problem.

Teachers of the science departments carry out their reserch work or laboratory activities beyond the college hours.

- (a) The academic curriculum also include the regular organisation of seminars and workshop at different departments.
- (b) Different public examinations like School Service Examination, SET Examination and Municipal Service Examination are held in the college premises.
- (c) During Parliamentary, Assembly and Municipal election, the college campus is requisitioned as polling centers.
- (d) During natural disasters like flood the college premises is requisitioned by District or Local Govt. authorities as relief camp for flood victims.

The statement of expenditure is as follows:

	2010-11 Rs.	2011-12 Rs.	2012-13 Rs.	2013-14 Rs.	2014-15 Rs.
Building	2272914/-	1797575/-	962985/-	40428/-	3670467/-
+ Hostel	4807377/-	734407/-	26543/-	20000/-	-
Furniture & Equipment	64870/-	79280/-	64300/-	42250/-	138708/-
	458222/-	-	1317796/-	222923/-	103727/-
Library Books	139731.56/-	73514/-	9111/-	-	240781/-
Computer & accessories	700812/-	654025/-	201462/-	152450/-	64385/-

Machinery (Xerox)	178080/-	-	-	-	-
Electrical installation Invertor & Fire Extinguisher	62913/- 73788/-	-	-	-	-
Generator & Equipment	235264/-	-	-	-	-
Refrigerator	45760/-	-	-	-	-
TV	111920/-	-	-	-	-
Rupee counting Machine	-	-	31000/-	-	-
Volt	-	-	67000/-	-	-
Water cooler	-	-	108000/-	-	-

ii) Enclose the Master Plan of the college campus indicating the existing physical infrastructure and the projected future expansions.

The master plan of the college will be presented before peer team during validation.

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

- (a) In the ground floor a room is reserved for such students with ramp and attached washroom facility.
- (b) Most of the classes for students with difficulties in movement are arranged downstairs so that they have an easy access. Special learning arrangement is made for students whose movement and activities are challenged.

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

i) **Hostel Facilities-** accommodation available: SC/ST Boys hostel has been built with the financial assistance of State Government. It is ready but no student has applied for staying there. It is being utilized for the other academic purposes. Whenever SC/ST students will be available, the hostel would be functional.

ii) **Recreational Facilities-** various indoor and outdoor games facilities like cricket, badminton, volley ball, football, carom, television with cable channel, DVD player, cassette player: All are available for the students and teachers.

iii) **Computer facilities including access to internet in hostel:** NA.

iv) **Library facility in the hostel:** N.A.

v) **Facilities for medical emergencies:** There is a unit of Students' Health Home, the oldest one in the state outside the Headquarters at Moulali, Kolkata. But the facility provided by the college, it must be admitted falls far short of requirement.

The college maintains good relationship with the local State General Hospital On the birth anniversary of Pandit Iswar Chandra Vidyasagar in the memory of whom, the College is founded, the college observes a programme of fruit distribution in the hospital. The college maintains regular interaction with the local medical practitioners who respond promptly at the time of any medical need.

vi) **Internet and Wi-Fi facilities:** At present we have 12 BSNL broad band connections without WI-FI facilities.

vii) **Recreational facility-** common room with audio-visual equipments:

We have two common rooms, one for boy students and other for girl students. There is audio-visual equipment in the boys' common room.

viii) **Available residential facility for the staff and occupancy constant supply of safedrinking water:** There is no staff quarter in the college. The night guard staying at the college premises with his family. The college provides him residential facility. The college has a two-room guest house, moderately equipped. There is adequate arrangement for supplying drinking water with a number of Aquaguard and two water coolers.

ix) **Security:** We have one guard cum care taker who looks after security of the college. He also acts as night guard.

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?

A first Aid Box is kept at the NCC office and minor injuries or ailments are looked after with the help of it.

The students have access to medical advice and treatment from specialized medical practitioners of the students' Health Home, a state level health organization on payment of a subsidized annual subscription of Rs. 10.00 only.

All staff and students of our college get prompt medical attention, in the Nabadwip State General Hospital, a govt. run hospital.

In case of emergency local medical practitioners with the help of whom, the Students' Health Home unit is run, are called in.

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

Seminars, workshops and awareness programmes are organized to build awareness among the students and staff.

Municipal authorities are requested to conduct mosquito drive programmes.

There is provision by the State Govt. to provide Health cards for the teaching and non teaching staff on the basis of which they can avail themselves of various kinds of benefits regarding medical treatment.

There is a unit of Student's Health Home, the oldest one in the state outside the Headquarters at Moulali, Kolkata. But the facility provided by the college, it must be admitted, falls far short the requirement.

The college maintains good relationship with the local State General Hospital On the birth anniversary of Pandit Iswar Chandra Vidyasagar in the memory of whom, the College is founded, the college is observes a programme of fruit distribution in the hospital. The college maintains regular interaction with the local medical practitioners who respond promptly as the time of any medical need.

4.1.7. Details of the Common Facilities available in the campus:

i) **IQAC:** College has set up an Internal Quality Assurance Cell for the supervision of teaching learning process and over all infrastructural development of the college. No separate room could be earmarked for IQAC. It operates from the Principal's chamber and its documents are kept in the Principal's custody as he is the chairman of the committee and the Co-ordinator needs to be in constant touch with him considering the growing importance of IQAC as, according to the new CAS rule, the documents must be verified by the IQAC convenor before counter signature of the Principal. A separate space is being contemplated for it.

ii) Grievance Redressal Unit: A complaint box is kept at the entrance of the administrative building and the cell responses promptly whenever such situation arises.

iii) Women's Cell: We have no dedicated women's cell but Women's study center does dual duty. Seminar, workshop and discussion are arranged at times to create awareness among the students so that the women folk of the society may enjoy their rightful place there.

iv) Counselling and Career Guidance Cell: A small space is reserved for this purpose in the administrative building and a senior teacher acts as the convener. On two occasion placement programmes were organized and a few boys got the employment opportunity. However, Nabadwip being rural township, the Calcutta or district head quarters based companies have a reluctance to hold campus interviews.

vi) Placement Unit: This unit works in combination with the placement cell.

vii) Health Center: There is a unit of Student's Health Home, the oldest one in the state outside the Headquarters of Moulali, Kolkata. But the facility provided by the college, it must be admitted, falls far short the requirement.

The college maintains good relationship with the local State General Hospital On the birth anniversary of Pandit Iswar Chandra Vidyasagar in the memory of whom, the College is founded, the college is observes a programme of fruit distribution in the hospital. The college maintains regular interaction with the local medical practioner who respond promptly as the time of any medical need.

viii) Canteen: College maintains a canteen where the students can procure cold drinks, tea and light refreshments. However, the college cannot afford to provide subsidy.

ix) Recreational spaces for staff and students: Two colour T.V. sets in the girls' common room and one in the recreation room of the non teaching staff provide entertainment to them. There are carom boards in the teacher's common room, non teaching common room and chess board in the girls' common room.

x) Safe drinking water facilities: At two specific points of the college buildings there are arrangements for safe drinking water. There is an aquaguard in the Teacher's common room, library, office, student's common room and science building. Two big water coolers have been installed at strategic points to supply purified cool water to all during hot days of summer.

4.2 Library as a Learning Resource:

Library is the hub of information and it is the treasure of knowledge. It is the nucleus of academic pursuits. Presently in our collage library we have 34000 books, 03 Journals, e-books and e-journals facilities by INFLIBNET- NLIST, around 50 students seating capacity in reading room and 4 staff members. The reference section has a collection of reference books, encyclopedias, dictionaries, scientific journals etc.

Library resources are the stock in trade of librarians. These are the materials in the library which make services possible. They are the materials which the students come to consult, read or borrow. Library services are many and varied, but they can be divided into two broad categories namely 'Printed' (Books, Periodicals, News paper and references resources) and 'Non-Printed' (CD/DVD, Videos etc) materials.

Our College library is equipped with well-furnished reading room for students and teachers along with departmental inter-library loan facility. The students can borrow books from the library for the specified period of time. For that purpose, they are

issued with college library cards. The library remains open on all working days from 10:30a.m to 4:30p.m (Monday - Friday) and Saturday 10:30a.m to 2 p.m.

Teachers need various kinds of information for teaching and research for the purposes of impacting knowledge in students and self-development. To achieve this, the right information must be available for the right person at the right time in their appropriate formats, which are the responsibilities of the library.

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

Yes, for smooth functioning of the library and safe guarding the interest of all sections of the library users , formation of policies , rules and regulations and implementation of the library policies ,an infrastructure is needed for the library. The composition of the Library Advisory Committee is:

Dr. Buddhadeb Bandyopadhyay, <i>Principal</i>
Dr. C. Basu, <i>Convenor</i>
<i>Librarian</i>
Dr. D.P.Bagchi
Mr. N.K.Hati
Dr. M.Dutta
Mr. A.K.Saha
<i>Secretary, Teachers' Council</i>
Sri N.P.Banerjee
<i>Library Secretary, Students' Union</i>

4.2.2 Provide details of the following:

- Total area of the library (in Sq. Mts.):** 297.29 sq mt.
- Total seating capacity:** 50
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**

On working days	On holidays	Before examination	During examination	During vacation
10:30a.m to 4:30p.m	Closed	Opened as regular schedule	Closed	Closed

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

We have a separate reading room with good number of reference books covering subjects of Literature, Science, Commerce and other references. Besides, there is adequate number of textbooks. Two computers are there for users in a Reading Room with internet facilities for accessing e-resources and other online information.

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

Library holdings	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
	Number	Total cost	Number	Total cost	Number	Total cost	Number	Total cost	Number	Total cost
Text books	410	Rs. 139731/-	179	Rs. 73514/-	16	Rs. 9111/-	19	Rs. NIL	768	Rs. 240781/-
Reference books	205		75		Nil		Nil		384	
Subscribed Journals/Periodicals/News Paper	4		3		3		3		3	
***e-resources	INFLIBNET-NLIST		INFLIBNET-NLIST		INFLIBNET-NLIST		INFLIBNET-NLIST		INFLIBNET-NLIST	
Others Complementary Journals/Periodicals/News Paper	2		2		2		2		2	

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

i) OPAC: NO

ii) Electronic Resource Management package for e-journals:

We have presently no such types of Electronic Resource Management Software or package for e-journals. We have always downloaded and published a printed list of e-books and e-journals which is available in the INFLIBNET N-LIST Programme for our users.

iii) Federated searching tools to search articles in multiple databases:

We have no such types of tool but for searching articles our user search through their passwords which was provided by the INFLIBNET Center Gandhinagar, Gujarat.

iv) Library website:

Till now we do not have any separate website for our Central Library. But we use College website for displaying various information of our library to its users.

v) In house / remote access to e-publications:

In the reading room all the users can access their relevant web enabled publications by using internet and INFLIBNET Password. All other information of our college is also available in our college website: URL <http://www.nvcollege.in>

vi) Library automation:

We have already installed the Library Software KOHA for automation of the library services. The necessary task is going on.

vii) Total number of computers for public access: There are 7 computers for public access.

viii) Total number of printers for public access: There is a printer cum photocopying machine.

ix) Internet band width/speed: 512 kbps

x) Institutional repositories: No

xi) Content management system for e-learning:

At present we have no content management system software for e-learning but are trying to install it shortly.

xii) Participation in Resource sharing networks/consortia (like INFLIBNET):

Yes, the library has those facilities. The library has the membership of INFLIBNET N-LIST since 2010.

4.2.5 Provide details on the following items:

i) Average number of walk-ins:

Average numbers of students' walk-ins during the last five years are as follows:

Year	Per day walk-ins
2010-2011	44
2011-2012	54
2012-2013	31
2013-2014	48
2014-2015	69

ii) Average number of books issued/returned:

Average numbers of books issued and return during the last five years by the students are as follows:

Year	Issued per year	Returned per year	Default books per year	Average per year
2010-2011	3960	3925	35	41
2011-2012	4860	4815	45	
2012-2013	1860	1855	5	
2013-2014	4320	4250	70	
2014-2015	9315	9265	50	

iii) Ratio of library books to students enrolled:

Ratio of books to students enrolled except e-books is as follows:

Total students enrolled in the session		Total books in the library Up to (11.03.2015)	Ratio
Year	Students		
2010-2011	4195	(31473+615)=32088	1:7.64(approx.)
2011-2012	6910	(32088+254)=32342	1:4.68(approx.)
2012-2013	7489	(32342+16)=32358	1:4.32(approx.)
2013-2014	5939	(32358+19)=32377	1:5.45(approx.)
2014-2015	6616	(32377+1152)=33529	1:5.06(approx.)

iv) Average number of books added during last five years:

Year	Books added	Grand total of five years (last 5 years)	Average (approx.)
2010-2011	615		
2011-2012	254		
2012-2013	16		
2013-2014	19		
2014-2015	1152		

v) Average number of login to OPAC:

We have no such infrastructure for measure those Web-OPAC users.

vi) Average number of login to e-resources:

We provide passwords for access or login e-resources. The students` and faculties access the e-resources using those passwords but we have no such infrastructure to measure the average number of users who login to e-resources.

vi) Average number of login to e-resources: 10 in every day.

vii) Average number of e-resources downloaded/ printed: At least 20 articles in a month across all disciplines.

viii) Number of information literacy training organized: We organized a seminar about Library Software 'KOHA', held on 19.01.2011.

ix) Details of weeding out of books and other materials:

The following items were weeded out since last five years:

Sl. No.	Subjects	Quantity
1	Bengali	-
2	English	04
3	Commerce	-
4	Sanskrit	-
5	History	84
6	Economics	78
7	Political Science	-
8	Philosophy	-
9	Education	-
10	Zoology	-
11	Botany	-
12	Chemistry	01
13	Physics	-
14	Mathematics	-
15	Environmental Science	-
16	General	-

4.2.6 Give details of the specialized services provided by the library:

- i) Manuscripts:** -
- ii) Reference:** Yes
- iii) Reprography:** Yes
- iv) ILL (inter Library Loan Service):** Yes

v) Information deployment and notification:

New books are displayed in the lending section. Apart from it notice is also published in the Library Reading Room regarding new possessions.

vi) Download: Yes, we provide this service to our users.

vii) Printing: NA

viii) Reading list/Bibliography compilation: We have also started to build up the reading list services.

ix) In-house remote access to e-resources: See (v) of 4.2.4

x) User Orientation and awareness: Yes, user orientation and awareness programme is organized by our library.

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

At present there is one contractual Librarian, one casual Library Clerk, two casual Library Peon. All those library staff actively perform the reading and lending duties. They also help the faculty and students to have their required materials from time to time.

Library provides:-

Reference services.

Reprography service.

Inter Library Lone.

In-house access to e-resources and remote access to e-resources through N-LIST programme.

Downloading facilities according to the enquiries requirement

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

Most of our users are normal. If situation arises the library will restructure its service pattern. Physically challenged students are provided a separate barrier free room adjacent to seminar room at ground floor for their easy access of our college. Library staffs actively perform their duty to help them and to provide books for the physically challenged students.

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

Recently, from this year we have introduced the system of getting feedback from our users.

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

- (a) We have currently 40 (forty) computers including two Laptops in our College.

- (b) In each Science department, we have provided at least one computer with internet connection for Science faculties and their students.
- (c) LAN facility: We have three LAN connections in our college campus. One is available at our office to run Student Management system, Central Library and Computer Lab.
- (d) WiFi facility: We are able to provide WiFi facility at our college campus using 10 modems.
- (e) Licensed software: To keep students' data, we are using Student Management Software. COSA (Computerization of Salary Account) software is used to maintain our accounts up-to-date. Our Commerce department utilizes Tally Software. We also have Microsoft Windows Server 2012, Microsoft SQL Server 2012, 13 users Microsoft Windows 8, 10 users Windows Multipoint Server, Microsoft Office 2010 & Quick Heal Total Security antivirus.
- (f) Number of nodes / computer with Internet facility: 36

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

Our faculty members can use at least 36 computers out of 40 computers. They may use those computers for preparation of their teaching materials and research work. 20 computers are directly connected with internet and those computers are available for our faculties. We have a computer lab consisting of 20 computers which is mainly used for conducting computer practical classes of students of Mathematics and Commerce departments. Computers at all Science departments and Central Library with internet facility are available for students.

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

We have a plan to increase the number of computers at our Computer lab and provide internet connection to all of them connecting them via LAN. We are now trying to provide at least one laptop to all our departments so that our faculties can use them for their teaching purposes, research work and official work. We are planning to install CC camera at all the important corners of the college to ensure safety and security within the college campus. We also want to install sufficient numbers of WiFi modems at our college campus so that we can build our college as WiFi zone and provide internet connection to all our staff and students free of cost. We also have a plan to install WiFi adapters to those computers which are not presently connected with internet.

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)

Annual budget for procurement, upgradation, deployment and maintenance of computers and their accessories during last four financial years:

2010-11 Rs.	2011-12 Rs.	2012-13 Rs.	2013-14 Rs.	2014-15 Rs.
700812/-	654025/-	201462/-	152450/-	64385/-

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?

In order to facilitate extensive use of ICT resources including development and use of computer aided teaching/learning materials by its faculty, staff and students:

- (a) We installed 03 (Three) ICT enabled class room where the faculty can take classes using power point presentation.
- (b) We installed 20 (twenty) internet terminals to ensure easy access to internet facilities to the faculty, staff and students.
- (c) We introduced WiFi technology within our college campus.

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 center of teaching-learning process and render the role of a facilitator for the teacher.

Keeping the students-learning at the centre of everything, the college reorients teachers from time to time and encourages them to undergo training on the computer aided teaching skills, arranged in different faculty development programmes, held at different Indian Universities.

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?

Yes. The institution avails of the National Knowledge Network through INFLIBNET N-listing facilities. It has the access of 97000 e-books and 6000 e-journals.

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)?

	2010-11 Rs.	2011-12 Rs.	2012-13 Rs.	2013-14 Rs.	2014-15 Rs.
Building + Hostel	2272914/- 4807377/-	1797575/- 734407/-	962985/- 26543/-	46821/- 20000/-	3670467/- Nil
Furniture & Equipment	64870/- 458222/-	79280/- -	64300/- 1317796/-	42250/- 222923/-	138708/- 103727/-
Library Books	139731.56/-	73514/-	9111/-	-	240781/-
Computer & accessories	700812/-	654025/-	201462/-	152450/-	64385/-
Machinery (Xerox)	178080/-	-	-	-	-
Electrical installation Invertor & Fire	62913/- 73788/-	-	-	-	-

Extinguisher					
Generator & Equipment	235264/-	-	-	-	-
Refrigerator	45760/-	-	-	-	-
TV	111920/-	-	-	-	-
Rupee counting Machine	-	-	31000/-	-	-
Volt	-	-	67000/-	-	-
Water cooler	-	-	108000/-	-	-
Vehicles	-	-	-	-	-

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

The college has a number of sub-committee, the major one being a infrastructure subcommittee and technological upgradation subcommittee. Usually these two subcommittees look after the maintenance and upkeep the infrastructural facilities in the campus. The matter which is related is placed to the Principal for proper approval. The principal seeks the permission of the finance subcommittee and the Governing body for floating the tender. The college entrusts the selected agencies for maintaining and upkeep of the said matter. Annual maintenance contracts are also signed with the specific agencies.

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

All the precise instruments are regularly calibrated by the faculty members and the technical personals throughout the session in each department

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

We have no such facility for maintenance of sensitive equipments separately for each department. We have one Numeric digital HP Max – 3000 online UPS which protects the computers from voltage and frequency fluctuations. It also protects surge, spikes, lightening and power disturbances

CRITERIA 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?**

Yes. The institution publishes its updated prospectus every year. Our college does bring out an annual, updated prospectus covering the various aspects of the admission requirements and necessary admission procedures for the benefit of the admission aspirants and their guardians.

Apart from this, each student is provided with Academic Calendar, which contains the list of holidays, tentative dates of Students' seminar of different departments, summary of various activities of the college. The Student Notice Board too is kept constantly upgraded with relevant and necessary information regarding the date of their filling up of university examination forms, the dates and timings of their various examinations, or the issuance of their library cards and such like. The prospectus, in particular, disseminates the following information:-

- i. A brief information of Nabadwip and the college
- ii. Goals and objectives of the college
- iii. Alumni of the college
- iv. Members of the Governing Body
- v. Faculty members
- vi. Members of the Non-teaching staff
- vii. Courses and subjects taught, subjects combination
- viii. How to apply for admission
- ix. Admission rules and selection procedure
- x. Fees structure
- xi. Rules and payment of fees
- xii. Refund of caution money
- xiii. Concession, stipend and scholarships
- xiv. College examinations
- xv. Required percentage of attendance in class
- xvi. Information of college library, student aid fund, student health home, college magazine, NCC.
- xvii. Code of conduct and discipline

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

Institutional scholarships are given to the students on the basis of academic excellence, financial need, and relative backwardness of the students. Students are provided the UGC Conveyance Allowance on the basis of distance.

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

Students usually get five types of scholarships from State government, Central government and other National agencies?

Financial assistance	2011-12	2012- 13	2013-14	2014-15
SC/ST/OBC – stipend	624 students	621 students	657 students	2070 students
Minority – scholarship	Rs.324,400	Rs.8,69,600	Rs.2496000	Rs.2563200
West Bengal merit – cum means scholarship	Rs.72,000	Rs.1,17,000	Rs.99,000	Rs.1,08,000
West Bengal Govt. Kanyashree Programme	NA	NA	2,18,25,000 & 100 pcs. Bicycle + 600 Bangles	1,53,00,000
Sitaram Jindal foundation scholarship	NA	NA	Rs. 18,000	Rs. 14,400
Physically handicapped scholarship	NA	NA	NA	NA
Biri – Sramik scholarship	NA	108 Students	NA	NA

5.1.4 What are the specific support services/facilities available for

- ✓ Students from SC/ST, OBC and economically weaker sections:
Different Stipends are given to economically weaker sections and students belonging to SC, ST and OBC. Besides, extra classes, when required, are also conducted for students including SC, ST, OBC and others students.
- ✓ Overseas students:
There is no such student under this category.
- ✓ Students to participate in various competitions/National and International:
There is sufficient arrangement for Games and Sports; our students participate in various competitions throughout the year.
- ✓ Medical assistance to students: Student can avail of medical facilities from the Student Health center.
- ✓ Organizing coaching classes for competitive exams:
There is no provision for coaching classes for competitive examinations. But, our teachers informally guide the aspiring students with guidance and

suggestions when required.

- ✓ Skill development (Computer literacy) :
Students get computer facility with internet access for searching career and skill development knowledge. Though there is no specific cell or classroom facility for the same, but the teachers of the departments encourage and provide the students proper guidance for the sake of updating communication skill of the students.
- ✓ Support for “slow learners”:
Slow learners with below average cognitive abilities are identified by the Departmental teachers through class Tests conducted by the Departments at regular intervals and are patiently dealt with by them and catered to with extra care. They are given extra books and Xeroxed materials. The teachers also encourage them.
- ✓ Exposures of students to other institution of higher learning/ corporate/business house etc: Students are encouraged to present seminar papers at other institutions. Students of English department attended the National seminar held at Asannagar MMT College in collaboration of our college on and from 27-28 Nov, 2015.
- ✓ Publication of student magazines :
Annually student magazine is published. Students are encouraged to write and compose on various topics for making original contribution. Apart from that each department have individual wall magazine.

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

To promote entrepreneurial skills the students are provided different types of information through personal and career counseling and internet surfing.



A Career Counseling Programme at the College Campus in 2010

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: The institution has a policy to encourage the students, who excel in extracurricular and co-curricular activities such as sports, games, quiz competitions, cultural activities. For this purpose every those students are felicitated with prize and certificate of excellence at annual prize distribution.

- * Special dietary requirements, sports uniform materials: Participant students are provided food and refreshments. Students who represent the college at different sports meets are provided game materials such as balls, medicine for first aids, sports uniforms and travelling allowance.
- * Any other: We arrange excursions for the students who excel in various fields at subsidized fees. The subsidy is met out of college fund or available UGC grant.



Felicitation of the students at Annual Sports Prize Distribution Ceremony - 2014

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET,UGC-NET, SLET,ATE/CAT/GRE/TOFEL/GMAT.

Central/State services, Defence, Civil services, etc.

The institute does not provide special coaching for competitive examinations. However, students preparing for these examinations regularly keep in touch with the teachers of the college asking for help in the form of suggestions, books and reading materials. Needless to say, the teachers are always ready to help them out. We have information available from various sources about at least eleven of our ex-students have qualified in NET/SET examination during last four years.

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

Our faculty participates in academic, personal, career related counselling and they motivate the students.



Personal Counseling of students by our experienced teacher in progress 2014-15

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).

There is no such cell for giving information to the students. But, we try to inform the interesting students about various job opportunities for them. Teachers personally guide the students who appear the interviews at different competitions.

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.

We have Grievance Redressal Cell. A Grievance box has been placed there. The cell makes sincere reports to redress the grievances.

Details of grievance reported and redressed during last four years:

Year	Grievance Reported	Grievance Redressed
2010-11	Nil	Nil
2011-12	02	02
2012-13	Nil	Nil
2013-14	03	03

Most of the grievances of the students contain the issues relating to demand of class room, requirement of teachers, and augmentation of infrastructure, required for tremendous increase in number of students. As soon as such grievances are submitted we try our best to redress the same by means of taking necessary actions as per their demand as far as possible.

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

In compliance with the guidelines on sexual harassment laid down by the Honourable Supreme Court, the institution has constituted a permanent cell for the prevention of sexual harassment in the college campus. Sexual harassment being a very serious offence strict penal action is taken against such offenders.

The Grievance Cell is empowered to tackle the sexual harassment cases. It is our pride to record that no sexual harassment case has been reported in campus till date.

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 constituted according to the Directives of the Honourable Supreme Court of India and recommendation made by Raghavan Committee and Lyngdoh Committee.

Ragging is a serious offence in an educational institution. It is not permitted under any law of the land. Any instances of ragging in any form must be reported immediately after its occurrence to the following members of the Anti-Ragging Committee.

We have Anti ragging committee. The committee consists of following members:

Serial No	Committee Members	Contact No
1	Dr. Buddhadeb Bandyopadhyay Principal & Chairman of the Committee	9433124443
2	Mr. Kashinath Mapder, Member , G.B.	9333749045
3	Dr. Ishita Lahiri, Member, G.B.	9433289357
4	Dr. Subhendu Kurmar Sidhanta, Member G.B.	9433486084
5	Dr. Uttam Ghosh, Secretary, T.C.	9475487454
6	Smt. Sangita Dutta	9836180994
7	Sri Shibaparasad Chackraborty	9434661272
8	Sri Ashok Dey, Secretary, Non-Teaching Staff Council & Member , G.B.	9932363710
9	Vacant	
10	Sri Krishnendu Singh, General Secretary, S.U.	

Anti Ragging Committee Report.

It is our pleasure that no such occurrence of ragging happened in our institution.

Year	Ragging report/s	Problems redressed

20010-11	Nil	Nil
2011-12	Nil	Nil
2012-13	Nil	Nil
2013-14	Nil	Nil

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

At present there is no Canteen facilities in our college. But we have plan to start a canteen for the students.

5.1.13 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, we have an Alumni Association, the name of the association is “Nabadwip Vidyasagar College Alumni and Welfare Association”. Although the association is not yet registered it is functioning well. Every year Association meets in Reunion function. Almost all the wards of our Alumnus, have regular contact with the college. Their suggestions are given emphasis to improve the academic and other excellence of the college. List of a few distinguished alumni occupying prominent position in the National and International field:

Sri Chandidas Lahiri	Journalist &Cartunist
Gour Kishor Ghosh	Journalist & Litterateur , Recipient of Ramon Magsaysay Award
Dr. Sitanath Goswami	Retired HOD, Deptt. Of Sanskrit, J. U.
Dr. Asit Sarkar	Retired Professor, J.U.
Dr. R.M. Das	Cancer Research Institute, U. K.
Dr. S.N. Banik	Susk University , Canada
Dr. N.N. Roy	Florida University
Dr. G.G. Kundu	Delhi University
Dr. N.K. Dasgupta	Burdwan University
Dr. Bani Majumdar	Economist
Dr. P. Ghosh	All India Institute of Medical Science
Dr. K. Kundu	School of Tropical Medicine
Dr. B. Gupta	M.S.
Dr. D. Bhattacharya	F.R.C.S.
Dr. Sankar Lal Chatterjee	I.A.S.
Dr. N.C. Banerjee	Asst. Commissioner, Kolkata Police

Student Progression

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

Student progression	%
UG to PG	See note i) below
PG to M.Phil.	NA
PG to Ph.D.	NA
Employed • Campus selection • Other than campus recruitment	See note ii) below

Note: i) Every year a good number of students after completion of their UG courses from this institution get admission in PG in different Indian Universities. However, we are yet to build sufficient infrastructure to maintain a concrete record of the same.

Name of some of the students who have taken admission to P.G course are given below.

SL NO	NAME	SUBJECT	PH NO.
1	CHANDAN MONDAL	BENGALI	8972168835
2	SUPARNA DEY	BENGALI	8972701489
3	ANAMIKA SARKAR	BENGALI	9002731689
4	MOUMITA DAS	BENGALI	9232713272
5	ARPITA BHOWMICK	BENGALI	9474335144
6	JHUMA MONDAL	BENGALI	9333192218
7	MUKUL HALDAR	BENGALI	8653558976
8	NIMAI SHIL	BENGALI	8101173788
9	MUNMUN BAIRAGI	BENGALI	9474134018
10	DIPA DEBNATH	BENGALI	9734767610
11	TUMPA BASAK	BENGALI	982930806
12	TUMP ROY	BENGALI	9647675890
13	TINA DAS	BENGALI	9735697202
14	SUCHHANDA PAUL	BENGALI	8759323052
15	PRIYANKA MOHANTA	BENGALI	9232240829
16	RITA RANI SAHA	BENGALI	9378391422
17	SUJATA HARIJAN	BENGALI	9088672468
18	RADHARANI GOSWAMI	BENGALI	9477271293
19	DEBASREE SAHA	BENGALI	9333372210
20	SOMNATH PODDAR	BENGALI	9332866533
21	RAJKUMARI SAHA	BENGALI	9046967808
22	MALINI SAHA ROY	BENGALI	9333629095
23	SIPAN MAJUMDER	BENGALI	7699633677
24	DEBASHRI BASAK	BENGALI	9614666594
25	MONISHA DEY	BENGALI	8927291979
26	PRASENJIT DAS	BENGALI	9239087035
27	MINKU GHOSH	BENGALI	8768665700
28	PALASH DEBNATH	BENGALI	9126832057
29	SUSOMAN SAHA	BENGALI	9332142524
30	TARAK NATH ROY	BENGALI	7797627115
31	RAJESH SAHA	BENGALI	9635625631
32	PABITRA ACHARYYA	BENGALI	03472-248162
33	SUMIT HALDER	BENGALI	8759489405
34	RAJU DAS	BENGALI	8798037701
35	MAMPI SAHA	BENGALI	9933685591
36	RAMKRISHNA SAHA	BENGALI	9333822661
37	ASHIM MONDAL	BENGALI	03472-245026
38	AYESHA KHANAM	BENGALI	8926568612
39	SANJAY MONDAL	BENGALI	9733873081
40	CHANDAN BARUI	BENGALI	9093432528
41	TUMPA MONDAL	BENGALI	9093059452
42	JUMUR BISWAS	BENGALI	9732908246
43	UJJWAL BISWAS	ENGLISH	941173048

44	BARSHA SAHA	ENGLISH	9641609790
45	ASMITA NANDI	ENGLISH	7699668599
46	SRIMA BHATTACHARJEE	ENGLISH	9038119093
47	KOSHIK DEBNATH	ENGLISH	9733735423
48	UJJAYANI ACHARYYA	ENGLISH	9126502258
49	KAUSTAV CHAKRABORTY	ENGLISH	9932725776
50	SUBHAMAY MONDAL	ENGLISH	7699140620

- ii) Some of our students after completion of their UG course also got employment in different public sector and private sector offices. However, we cannot give concrete information about the same due to reason same as stated in note(i).

Name of the students employed in various fields

Though there is no registered data of employment of the students available, but according to the information from various sources available, lots of our students have been employed in different fields.

A list of the successfully employed students are provided below.

1	Tanmoy Debnath	Assistant Professor in Political Science
2	Prasun Ghosh	Post Doctoral work in China
3	Dr. Soma Mondal	Assistant professor Nabadwip Vidyasagar College, Sanskrit
4	Gargi Sengupta	Assistant Professor Chapra Bangaljee College, Nadia
5	Soumen Debnath	Assistant Professor in D.L.College, Krishnagar, Nadia
6	Mousumi Bhattacharya	Guest Lecturerin Nabadwip Vidyasagar College
7	Bablu Sutradhar	Assistant Teacher in English in High School
8	Rajdeep Ghosh	Assistant Teacherin English in Kashidangha High School
9	Sayak Debnath	School Service Commission
10	PrashantaDebnath	WBCS
11	Kartik de	Post office
12	Asutosh sarkar	Airforce
13	Tanvir Sultana	Primary School
14	SuvodipChakraborty	Primary School
15	Suvesha Das	High school
16	Prantik Ghosh	High School
17	Bhabani Das	CRPF
18	Bappaditya Debnath	BhatjanglaKalipur High School
19	Radhagovinda Basak	Assistant Professor in Commerce

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.*

Success rate of our students during last five years:
(Please see section 2.6.2)

Percentage of first classes during last five years:
(Please see section 2.6.2)

However, it is not possible for us to compare our results with that of other colleges of affiliating university, because the University of Kalyani has not provided the necessary data required for that purpose despite several official requests from our end.

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

We have Counseling Cell which gives information to students regarding vacancies and further educational opportunities in different sectors. We maintain contact with them through email and mobile message for different job related informations.

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

Drop-out rate of the students of this institution is decreasing. For this we have started counseling of the students to know socio economic problems and arranged extra classes when required, books and study materials are distributed among poor students.

5.2 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.

Every year our students participate in different games and sports and cultural activities, both within the college and outside the college.

Following is the list of those activities:

A. Games and sports:

- i) Inter College Non Government District Athletic Meet;
- ii) Nadia District Sports;
- iii) University of Kalyani Annual Athletic meet;
- iv) Inter-class tournament of Football, Cricket, Badminton, Carom.

B. Cultural activities:

- i) Annual cultural fest of the College: Annual cultural programme is held either in the month of Decemeber or January every year. Others are held at different times of the year.
- ii) Youth Parliament Competition (District, Division and State level)

Students participate State Level Youth Parliament Competition.

Youth Parliament

- ❖ Students of the College Participated in State Level Youth Parliament Competition for the year 2010-11 Organized by Department of Parliamentary Affairs, Govt. of West Bengal, and won the First Position in the Competition.

- ❖ Students of the College Participated in State Level Youth Parliament Competition for the year 2011-12 Organized by Department of Parliamentary Affairs, Govt. of West Bengal, from 13th to 15th March 2012 at Yuba Bharati Krirangan, Kolkata and won the Second Position in the Competition.

Sl. No.	Name	Character
1	Sudipta Saha	Speaker
2	Aviram Sarker	Marshal
3	Rupak Debnath	Secretary General
4	Dubhasis Dey	Prime Minister
5	Jayanta Ghosh	Home, Law, Commerce, Fertilizer Minister
6	Lata Banik	Foreign, Defence, Forest and Environment Minister
7	Abhisek Debnath	Finance Minister
8	Rakesh Maulik	Member
9	Narayan Debnath	Member
10	Sima Debnath	Member
11	Namaz Sharif Sheikh	Leader Opposition
12	Abhishek Das	Member Opposition
13	Soumi Banerjee	Member Opposition
14	Prasenjit Ghosh	Member Opposition
15	Pampa Ghosh	Member Opposition



Participants of the Youth Parliament

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.

For student achievements in Games & Sports: See 4.1.2 (b) – i

Cultural activities (2014 – 2015)

Name of the event	1 st	2 nd	3 rd
Quiz	Sajan Talukdar Sayan Mondal Anish Kumar Nath	Bappa Ghosh Pravasish Ghosh Kaushik Ghosh	
Music	Barnali Banerjee	Yanka Datta	Swarupam Poddar
Dance	Rakhi Debnath	Tania Kanjilal	Bipasha Kundu
Recitation	Tanushree Das	Nandita Saha	Pallabi Saha
Extempo	Chiranjit Saha		
Drawing	Sanjoy Sarkar	Papia Roy	

Activities of NCC (Boys and Girls Unit)

2010-2011	Total Boys	B Exam passed	C Exam Passed	Special Camp	Activities
	270	164	78	NIC, BLC, CATC	Independence Day, Republic Day, Tree Planting, Blood Donation Camp, Teachers Day, Excursion tour at Digha
2010-2011	Total Girls	B Exam passed	C Exam Passed		
	160	67	48	Do	Do
2011-2012	Total Boys	B Exam passed	C Exam Passed	Special Camp	Activities
	270	171	73	NIC, BLC, CATC, TSC	Independence Day, Republic Day, Tree Planting, Blood Donation Camp, Teachers Day, Excursion tour at Bonobithi
2011-2012	Total Girls	B Exam passed	C Exam Passed		
	160	62	46	Do	Do

2012-2013	Total Boys	B Exam passed	C Exam Passed	Special Camp	Activities
	270	163	72	NIC, BLC, CATC	Independence Day, Republic Day, Tree Planting, Blood Donation Camp, Teachers Day
2012-2013	Total Girls	B Exam passed	C Exam Passed		
	160	65	42	Do	Do

2013-2014	Total Boys	B Exam passed	C Exam Passed	Special Camp	Activities
	170	24	17	NIC,BLC, CATC,RDC	Independence Day, Republic Day, Tree Planting,Blood Donation Camp, Teachers Day,
2013-2014	Total Girls	B Exam passed	C Exam Passed		
	124	22	15	Do	Do

2014-2015	Total Boys	B Exam passed	C Exam Passed	Special Camp	Activities
	170	68	02	NIC,BLC, CATC,RDC	Independence Day, Republic Day, Tree Planting,Blood Donation Camp, Teachers Day,
2014-2015	Total Girls	B Exam passed	C Exam Passed		
	124	52	02	Do	Do



NCC Cadets serving a patient in Pratapnagar Hospital

No. of students Participated in NSS events

University Levels

100

State level

Nabadwip Vidyasar College 125

2

National level

International level

No. of students Participated in NCC events

University Levels

State level

National level

International level

No. of awards won in NSS

University Levels

State level

National level

International level

No. of awards won in NCC

University Levels

State level

National level

International level

Activities of NSS

Date	Activity	SC Volunteers	OBC Volunteers	Total Volunteers
07.04.12	NSS Volunteers of our college Unit made an Class-wise campaign Programme regarding primary health	09	11	97
24.07.12	NSS Volunteers of our college Unit made an Class-wise campaign Programme regarding Utility of Plant	07	11	91
15.08.12	Celebration of Independence Day	09	13	93
04.09.12	NSS Counselling class was taken by P.O.	07	11	94
05.09.12	NSS Volunteers of our college Unit made an Class-wise campaign Programme regarding primary Education	09	17	95
08.09.12	International Literacy Day was Celebrated Programme was held in the slum area near College campus	09	13	90
24.09.12	Celebration of NSS Day	08	14	97
26.11.12	Belated celebration of National Integration Day	07	13	83
01.12.12	Celebration of world Aids day Under Red ribbon Club by learning Blood Group testing and three persons with negative Group has been Identified	07	13	79
05.01.12	Campaign for safety of girls children in the Slum area	05	03	49
26.01.13	Celebration of Republic Day	09	11	82
27.01.13	Servey regarding primary health and	09	11	82

	Education in the Slum area in the vicinity of college			
08.03.13	NSS Volunteers of our college unit marked all the broker of local area to reduce the chances of accident	07	15	94
14.03.13 to 21.03.13	Special camp activities	07	09	50



Students participated in one day Camp



Educational excursion at Vizag, 2014, Department of Zoology

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?

Yes. The institution has a mechanism to seek and use data and feedback from its graduates to improve the growth and development of the institution. Also the institution has a system to collect data and feedback from the outgoing students just before they are being sent up for the University final examination.

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.

Magazines are regularly published with the active involvement of the teachers and students of the institution. A large number of students contribute in the Annual Students' Magazine. In addition to annual college magazine most of the departments regularly publish Wall Magazines with contributions from students.

- i. Wall magazine of Department of English-“ Rhetoric”
- ii. Wall magazine of Dept. of Commerce-“Saudagar”
- iii. Wall magazine of Economics-“ Bikshan’
- iv. Wall magazine of Dept. of Education “Shikshan”
- v. Wall magazine of Dept. of Political Science-“Dwandick”
- vi. Wall magazine of Dept. of History –“Anwesa”
- vii. Wall magazine of Dept. of Bengali- “Bhabana”
- viii. Wall magazine of Dept. of Sanskrit-“Sanskrita Souravam”
- ix. Wall magazine of Dept. of Philosophy-“Dishari”
- x. Wall magazine of Dept. of Chemistry “Eshona”
- xi. Wall magazine of Dept. of Botany-“Mandar”
- xii. Wall magazine of Dept. of Physics-“Ankur”
- xiii. Wall magazine of Dept. of Zoology-“Web-Matrix”
- xiv. Wall magazine of Dept. of Environment Science-“Ecesis”



‘Rhetoric’: Wall Magazine of the Department of English



Wall Magazine of the Department of Zoology

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

Yes, the institution has Student Council, namely Nabadwip Vidyasagar College Students Union. Every year, through election process the council is formed. The entire affairs relating to election, formation and running of the Students Union are conducted according to the SU Election Rules, 2010 of the University of Kalyani.

The council consists of following members

- i. President (Principal of the College)
- ii. Vice- President (Student Representative)
- iii. General Secretary (Student Representative)
- iv. Five Assistant General Secretary (Student Representative)
- v. Treasurer (Student Representative)
- vi. Different Sub-committees (cultural, sports, book bank, excursion, health, etc.)

This year Students Union was formed in the month of January, 2014. But subsequently, the same was nullified by an order of the honourable Kolkata High Court. The members of Students Union being aggrieved by that order have filed an appeal to the Division Bench of the Honourable Kolkata High Court and the decision is pending till date.

Major Activities: Its major activities are to take positive role in maintaining sound teacher student relationship and to protect the interest of the students and to co-operate the college administration in smooth running of the activities of the college. The General Secretary of Students' Union is ex-officio member of the Governing Body(GB). Students Union generally performs the following activities.

- i. Navin Baran Utsav (Fresher's Welcome)
- ii. Annual Athletic Meet
- iii. Annual Social Function
- iv. They cooperate the college authority in various activities like Games & Sports, Cultural activities, NSS, NCC, Magazine etc.

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

The details of various academic and administrative bodies of the college where student representative are there:

- i. College Governing Body – which is the apex body of the college and responsible for conducting all the affairs of the college
- ii. The Library Advisory Committee – has two students’ representative
- iii. The Grievance Redressal Committee – has two students’ representatives
- iv. Anti-Ragging Committee – has two students’ representatives
- v. Apart from the above, Committees for NSS, NCC, Book bank, sports, etc. have student representative. The General Secretary of the students’ union is called by the Chairman to take part in the meeting of the different sub-committees if the situation so demands.

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

We have Alumni Association called; “Nabadwip Vidyasagar College Alumni and Welfare Association”. They occasionally meet with each other and they give us suggestions for betterment of academic and other excellence. We always give importance to their suggestions. Actually they are the torch bearer of the institution and we try to spread the values our respected Alumni give among the present generation of students.

This year (2015), we have invited our former faculties and staff members during alumni reunion. We felt proud about arranging such a nice get together between our alumnus and former faculty members. They all enjoyed the whole day programme. Some of the alumni members are working as guest faculty in different departments.





Photographs of General Meeting of our Alumni Association, 2015

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



A moment of 'Vidyasagar Tirodhan Divas' Observation



A march past in progress during Annual Sports Meet at Chatirmath



NCC cadets distributing fruits to the patients at Nabadwip State General Hospital



An interactive session of Parent-Teacher Meet in progress

Criterion VI: Governance, Leadership and management

6.1 Institutional Vision and Leadership

6.1.1 State the Vision and Mission statement of the institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the need of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future etc?

The main goal of the college is to provide academic excellence for the students coming from both financially and educationally backward families of neighbouring villages. The mission statement is related to this. The vision of Nabadwip Vidyasagar College has always been to realize and inculcate the values preached by Vidyasagar who had a vision for a perfect synthesis of Western and Indian education to achieve a truly liberal and modern Indian society. The very location of the college symbolizes the social and religious reformation towards secularism initiated by Sir Chaityanyanya Mahaprabhu centuries ago and reminds the efforts made by Vidyasagar for social and educational reforms.

The vision and mission of the institution are in tune with the objectives of the Higher Education policies of the nation in so far as the college strives to impart a balanced and meaningful education within the limits of the curricula, taking care to ensure equity, justice, a liberal and secular attitude, and accommodating the marginalized and the differently abled wherever possible in the implementation of its internal policies. The institution abides by the quotas reserved for special categories during admission, promotion social and ecological awareness among its students and tries to instil a sense of the traditional values of the nation in young minds even as it encourages them to assimilate the best in other world-cultures, views and systems.

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

The Top management, Principal and Faculty appreciate the fact that the organization is an "Academic" Institution and, there, focuses particularly on the Teaching-learning processes. The management is, at all times, eager to improve the performance of the students and, to that end tries to ensure a healthy atmosphere on the campus, and a good relationship between students and staff members. The principal who co-ordinates many of the activities, and liaises between the top management and the staff members plays a role in disseminating the institutional vision, and also takes the initiative in developing and upgrading the infrastructure, equipment and other parameters of the college, both tangible and intangible. The infrastructure and equipment required for smooth functioning of the teaching-learning processes are provided and upgraded by the management so that the institution can keep up with the times in the best traditions of modernity.

The college office has been automated with the relevant software having been installed to mitigate the shortage of staff. The students, payroll and accounts

operations have been automated so that the office can efficiently support the teaching –learning processes.

LCD projector has been bought to help in the audio-visual aspect of classroom teaching.

Suggestions from teachers and students alike for the improvement of existing and methods of teaching and learning are looked by the management.

6.1.3 What is the involvement of the leadership in ensuring?

i. The policy statements and action plans for fulfilment of the stated mission

In order to fulfil the stated mission, the Principal involves himself in every policy decision by presiding over each and every meeting and giving his valued opinions and suggestions. On every policy statement and action plan for the fulfilment of the stated mission he takes advice. Things are openly discussed and decisions are taken quite democratically.

ii. formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

Action plans are formulated by the principal in consultation with the GB members. These are implemented by various sub-committees headed by various teachers who act as convenors of such sub-committees.

iii. Interaction with stakeholders

The college regularly holds parent- teacher meeting and endeavours in incorporating issues recommended by the parents of the students. In all relevant sub-committees the college has representative of the students' union so that the voice of the students is upheld.

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

The Principal takes time out of his busy schedule and makes regular as well as surprise visits to the departments and offices as a step to ensure excellence everywhere and all times.

v. Reinforcing the culture of excellence

The college tries to enforce an environment of excellence through the seminars and workshops and ensuring regular classes.

vi. Champion organizational change

The recommendations of the Governing Body are considered wherever and whenever possible. Suggestions from stakeholders (students and alumni) are reflected in the decision made by the Governing Body and various sub-committees. For instance a Grievance Redressal box has been in place in response to student's demands. The setting up of a Counselling Cell is an instance of bringing about organizational change in response to stakeholders' demand.

6.1.4 What 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 regular meetings of the statutory and advisory bodies of the college provide internal coordination and also function as monitoring mechanisms for the purposes of

assessment, review, and implementation of policies, directives, recommendations as also of plans and developments. The Teachers' Council, the Non-Teaching Staff Association and the Students' Union are for which articulate the issues of their respective constituencies thereby effectively mobilizing and communicating sectoral concerns within the larger framework. Heads of the departments and official sections are responsible for monitoring the work related to their respective departments and sections. The activities in their entirety are overseen by the Principal. All financial transactions are approved by the Finance Sub-Committee the recommendations of which are further vetted at the meetings of the Governing Body.

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

The top leadership encourages the faculty to undertake and complete their Ph.D degrees urges them to attend seminars and conferences, including those abroad and gives on Duty Leave to those faculty members who are invited to be resource persons. Faculty members invited to teach in post-graduate programmes in universities or colleges are allowed to do so by the Governing Body of the college as long as such assignments do not interfere with the college work. Members of the faculty are encouraged to organize UGC sponsored seminars at all levels, and other such academic exercises which will lead to the intellectual enrichment of all participants. Faculty members are also encouraged to apply for Minor and Major Research Projects under the UGC to enable them to extend their research horizons. Faculty members are also encouraged to avail of the UGC Travel Grant to present papers in seminars and conferences abroad.

6.1.5 How does college groom leadership at various levels?

Senior Professors and sometimes other Associate Professors are entrusted with the charge of Principal's Office in the absence of the Principal. A senior teacher acts as Teacher-in-charge on behalf of the Principal in his absence as he has to go to Kalyani University and Office of Directorate of Public Instruction from time to time for smooth functioning of the college. Various teachers also head various academic and administrative committees for smooth running of the college. The teachers also head various academic and cultural programme of the college whose speaks volume on the team spirit and organizational skills of the faculty.

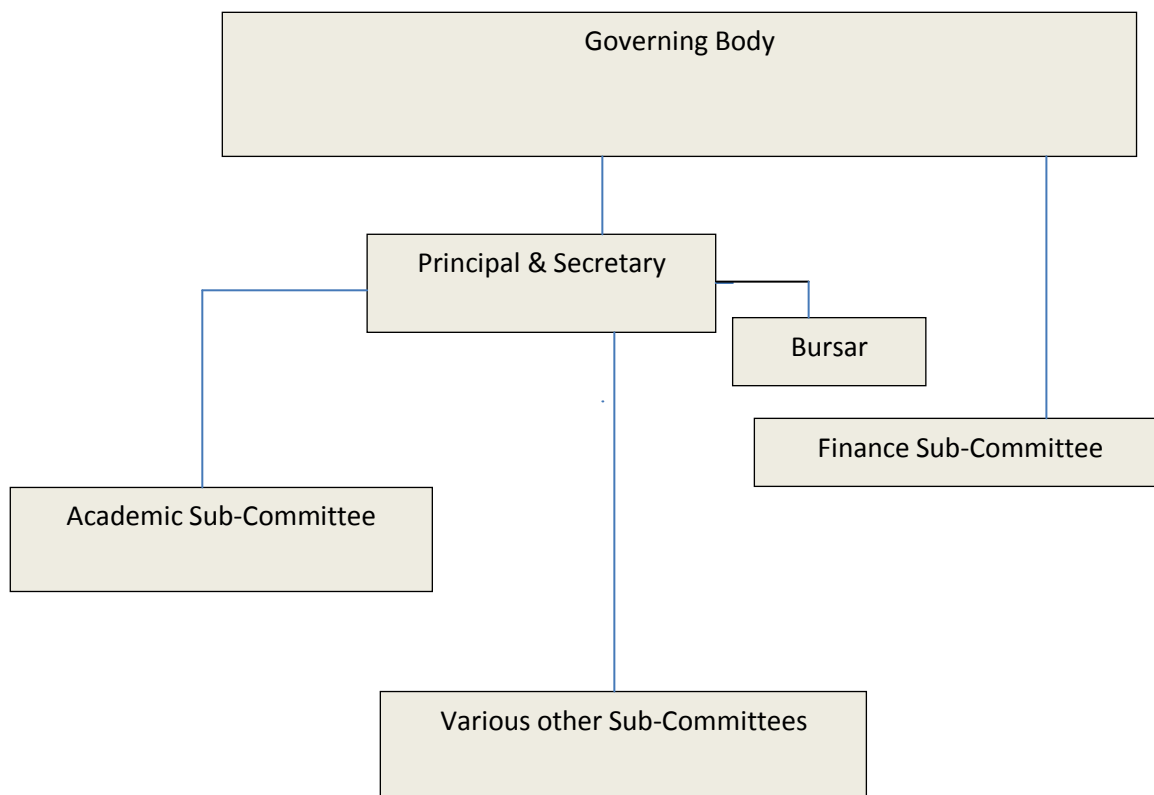
Junior teachers work with senior teachers in various committees of the teacher's council as well as in various principals' committees. This enables them to learn to while assisting and prepares replacement as and when the seniors retire.

6.1.6 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 is administered by the Governing Body which comprises of thirteen members, four of whom are teacher representatives and two of them are non-teaching representatives. The students' union which is a democratically elected body of students sends their General Secretary to the Governing Body. The University of Kalyani, State Nabadwip Vidyasar College 135

Government and local self-government are represented by their individual nominated members. The Principal of the college is the secretary of the Governing Body and is delegated authority and responsibility to carry out the modalities framed by the Governing Body.

The principal is supported by the Bursar who has the authority and responsibility of dealing with the financial matters of the college. The post of Bursar of the college is very crucial as he has to deal with the financial matters of the college. Nabadwip Vidyasagar College has always considered this post to be of utmost importance and has appointed Dr. Tapan Kumar Samanta, Assistant Professor in the department of Commerce and is also a qualified Cost and Management Accountant. The Governing Body has two statutory sub-committees, namely the Finance Sub-committee and the Academic Sub-committee which are headed by senior professors of the college. Principal, in consultation with the Governing Body has formed various other sub-committees for the functioning of the college. The authority and responsibility structure of the college is clearly reflected in the following flow chart:



6.1.7 Does the college promote a culture of participative management? If ‘Yes’, indicate the levels of participative management?

Yes, the College promotes culture of participative management. The Governing Body along with the Principal has always strived to create the various sub-committees in such a manner that no teacher is left without being represented in any committee. From amongst the various sub-committees conveners are selected to represent the sub-committees.

6.2 Strategy Development and Deployment

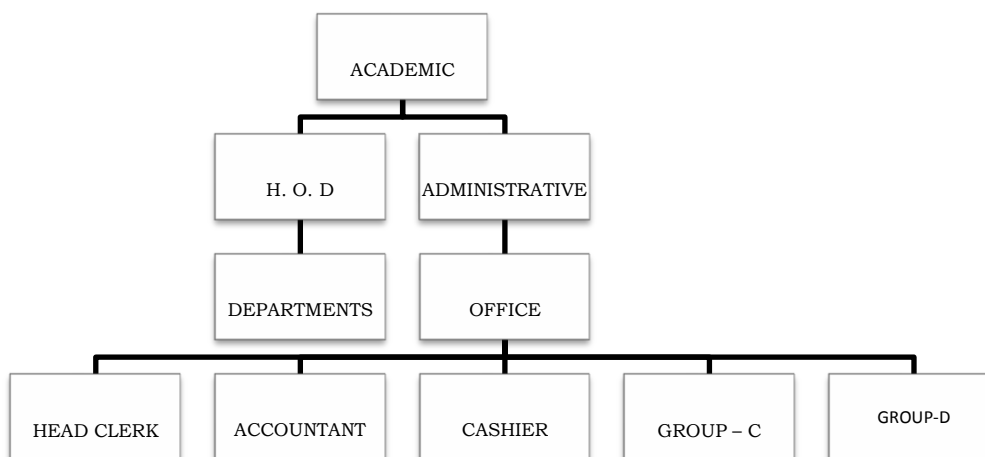
6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

No, the College does not have a formally stated quality policy. As such 'quality' is imbedded in all aspects of the academic and extra-curricular activities of the college and the Annual Quality Assurance Report (AQAR) is prepared every year.

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

No, the College does not have a laid down plan for development. But the Principal along with the Governing body has considered construction of Building and providing other infrastructural facilities as the first priority and thus huge development work is being carried out on war footing.

6.2.3 Describe the internal organizational structure and decision making processes. Give a broad description of the quality improvement strategies of the institution for each of the following: The internal organizational structure and decision making processes can be depicted in the following chart:



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 and Industry Intraction:

Teaching & Learning:

1. Despite numerous short comings in faculty quantity, the teachers try their level best to impart higher education on a 1:1 basis, promoting a very healthy student-teacher relationship.
2. Slow and weak learners are identified, specially tutored and provided with remedial teaching inspite of the severely poor teacher-student ratio.
3. Regular class tests provide the faculty with essential feedback and set the course for future remedials.
4. The encouragement for creative writing in the literature departments strengthen the individual literary skills of the learners.

5. Film versions of the novels and plays in the syllabus enhance the teaching learning experience by providing the students with an audio-visual representation.
 6. The central library provides the students with unconditional access to numerous e-journals and e-books.
 7. The internet being the new avenue for the acquiring of knowledge, the upcoming WiFi zone in the campus will facilitate the students' academic enrichment.
 8. The rich oriental heritage of Nabadwip is reflected in the teaching learning processes applied in a number of subjects of the Arts discipline, specially Sanskrit.
- ❖ Research & Development
1. The college has decided to provide seed money to the faculty for research work from this session (2015 – 2016).
 2. Research, Consultancy & Extension Sub-committee continuously encourages teachers to take up Minor and Major research projects funded by various Agencies.
 3. We have a plan to conduct Summer Research Camps for students in near future.
 4. We are trying to expand our instrumental facilities for research purposes.
 5. We will subscribe more research oriented journals in future.
 6. Interdisciplinary research is promoted by the College with a view to the enrichment of the overall academic sphere.
- ❖ Community engagement
1. Iswar Chandra Vidyasagar's birth and death anniversaries provide a common platform for the institution and the populace to celebrate and learn the ways of the greatest hero of the Bengali renaissance.
 2. The NCC and NSS, while celebrating the national observance days provide an occasion for community service and involvement.
 3. The Saraswati Puja, celebrated in the college, provides a royal boost to the enriched spiritual ambience and the piety of the local populace.
 4. Public assistance booth organised by the NCC & NSS during the famous "Rash Utsav" provide our young cadets and students with ample opportunities for community service and social interaction.
- ❖ Human resource management
1. The students of the institution being the future citizens of our great nation, are the primary target of our efforts towards the creation of an efficient and enthusiastic human resource for a superlative future.
 2. Our teaching faculty, with their internationally acclaimed credentials, are being nurtured and improved with special emphasis on their research and extra-curricular activities.
 3. The holistic development of the pupils by the application of value oriented education is our primary objective.
 4. Our office staff, with their brilliant skills of office management have a committed attitude towards the further betterment and the enhancement of the speed in office work. The human resources in the office are being developed with an emphasis on professionalism.

5. Our institution, with its emphasis on rationalism, science, technology and social service is shaping the young pupils into cultivated citizen of modern India.

❖ Industry interaction

Our college being a general degree college, there is not much scope for industry interaction. However we are trying to create a bridge with the industry through a number of MoUs with the local business houses.

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 stake holders, to review the activities of the Institution?

The outgoing batch of UG students fills in the feedback forms to indicate performance of all the respective department, including Part-Time and Guest Lecturers. They also fill the feedback forms for the Librarians and the Campus including the Office, Library and the Canteens. After each and every Parent-Teacher meeting suggestion and advices from various parents are recorded departmentally and subsequently recourse taken for various aspects of the College.

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

Meetings are held regularly at all levels, not only to frame policies but also to implement them and monitor feedback on the outcome of the implementations. Attendance of all concerned is compulsory in these meetings. Under special circumstances, a faculty member is permitted to change his/her Preparatory Day in case such a meeting falls on that day.

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

The Governing Body of the College meets frequently to discuss various functional and operational issues. The resolutions made in these meetings are meticulously recorded in the Minutes and preserved in the Principal's office. The Principal of the College is the Secretary of the Governing Body and has to implement the resolutions adopted in the Governing Body meetings. Most of the resolutions are implemented within the stipulated time.

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 Institution is under dual control. It is under Higher Education Directorate of the Government of West Bengal for administrative purpose and under the University of Kalyani for academic purpose. Neither the Directorate nor the University of Kalyani has a policy of allowing the College to apply for autonomy.

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

The College has a Grievance Redressal Cell. A Complaint Box is kept in front of the college office where teachers, students as well as non-teaching staff may drop letters or notes of complaint. Complaints are promptly attended to and sought to be resolved in consultation with the Principal.

Guardians and any other stakeholder are specifically welcome to meet the Principal and for the same the Principal does not maintain any visiting hour to meet them on priority basis. Therefore, guardians and any other stakeholder may place their grievances directly to the Principal for redressal of the same. As such Students' grievances are channelled through the Teachers' Council Secretary and the Non-Teaching Staffs' grievances are channelled through the Secretary, Non-teaching Staff and Students' Union.

6.2.10 *During the last four years, had there been any instance of court cases filled by and against the institute? Provide details on the issues and decisions of the courts on these?*

Yes there have been court cases

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 Principal goes through all the filled in feedback forms related to the performance by the Teachers, Librarians and the Campus, including the office. In specific case the NAAC committee coordinator is confided in the matter and appropriate decision is taken.

6.3 *Faculty Empowerment strategies*

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

The Principal grants duty leave to the faculty members for participating in Orientation Programme and Refresher Courses and seminars held for training purposes and NAAC Programmes .Teachers are encouraged to attend Workshops on syllabus upgradation. Teachers are also encouraged to participate in personal development programmes and professional development skills.

6.3.2 *What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?*

The college does not have specific strategies for the purpose.

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

Monthly self-appraisal forms are filled in by the faculty members. The monthly self – appraisal form which includes their attendance, hours of work, number of classes taken and multiple activities performed. These appraisal forms are being reviewed by the Principal and sent to the higher Education Department, Government of West Bengal, whenever asked for. Principal often holds meetings with senior teachers to regulate and discharge of allocated duties and responsibilities of faculty members. Principal often meets the non- teaching staff members under the tutelage of the head clerk to ensure streamlining of operation.

6.3.4 What is the outcome of the review of the performance appraisal reports by the managements and the major decisions taken? How are they communicated to the appropriate stakeholders?

The relationship quotient between the principal and faculty is very positive. Confrontation is rare.

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?

Several welfare schemes have been proposed by the Government of West Bengal which are available for both teachers as well as non- teaching staff.

What are measures taken by the institution for attracting and retaining faculty?

The college does not initiate measure to attract /retain eminent faculty as teachers are appointed on the recommendation of the west Bengal College Service Commission .The financial burden for pay and fixation of the teachers is taken by the Directorate of Higher Education, West Bengal.

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?

The institution operates under the statutory provision of the University of Kalyani regarding financial management of the institution. The governing body of the college has duly commissioned of a finance sub –committee as per the norms laid under the statute of the University of Kalyani .The Finance Sub- committee has authority and responsibility to supervise all financial activities of the College .It has responsibility to abide by the government order and memos of directorate of public instructions regarding the financial matters . The Bursar of the College acts as a financial head of the college and directly reports to principal of the college and is also the reporting authority of the Finance sub- committee. The income and expenditure of the institution are subjected to regular external audit. Statutory audit of the college is up to date (2014-2015) and audit is already completed. There is a separate sub-committee which looks after the fund allocation of the UGC. The sub-committee sits with heads of the departments and allocates the UGC funds suitably and proportionately. Internal auditing of the Teachers’ Council Fund is done at the end of tenure of each and every Teachers’ Council Secretary. Audit and utilization certificate generation for external funds such as UGC is looked after by the Bursar. Seminars and Projects have dedicated treasurers. The college maintains salary, arrear and fees collection under a fully computerized system.

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

Accounts are audited regularly. There is no internal audit mechanisms in our college. External audit is done by Government Auditors as appointed by the Directorate Public Instructions, Government of West Bengal. Audit of other grants like UGC grants is done by reputed Chartered Accountants specifically appointed by the Principal in

consultation with the Governing Body of the College. The last audit (for the year ended 2014-2015) was done on 28.11.2015. Last year's audit report was satisfactory.

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

The major sources of Institutional receipts are (i) Admission and Tuition fees of the students (ii) Development grant from State Government (iii) UGC grants.

Apart from these, the college receives grants from the Govt. of West Bengal for payment of salaries to its staff.

Expenditure is incurred in such a way that there is no deficit.

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

The College has made arrangements to rent out some space in the front portion of the college for ATM counter of the State Bank of India, Nabadwip Branch which fetches a monthly rent of Rs. 6000/-

6.5 Internal Quality Assurance System:

6.5.1. Internal Quality Assurance Cell (IQAC)

i) Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, there exists an Internal Quality Assurance Cell (IQAC) as a post accreditation quality sustenance measure from 16th -17th March, 2007 as per guideline of NAAC. As quality enhancement is a continuous process, the IQAC has become a part of the institution's system for conscious, consistent and catalytic involvement in the quality sustenance and enhancement, channelizing all efforts and measures of the institution towards achieving academic excellence.

The Institutional Policy of Quality Assurance: Receiving inputs from various bodies, such as the state and central government, the UGC, KU, the DPI and feedback from several stakeholders, the issues are discussed in Academic Sub Committee, Teachers' Council and then sent to the IQAC. IQAC members prepare a comprehensive future plan for the institution. The finance subcommittee supports with a strategic financial management. The proposals are placed in the Governing Body for approval. The head of the institution has always tried to assure the quality assurance policies and practices with the help of IQAC.

Institutionalizing Quality Assurance Process: IQAC is acting as a body for quality sustenance and enhancement. It also plays the role of monitoring the implementation of different quality assurance principles in the organization.

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

The Governing Body of the institution has approved and implemented all the quality enhancement recommendations IQAC has put forward for its consideration.

Decisions of IQAC Approved and Implemented: All proposals put forward by the IQAC have been approved by the governing body. The organization is continuously trying to implement the long term plan as approved in the governing body. Quite a good number of such plans have already been implemented or are in the process of being implemented.

iii) *Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.*

No, the functioning unit of the IQAC of the institution comprises of a standing committee with the Principal and senior core members.

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

Role of Students in the Functioning of the IQAC: Students are an important aspect of the functioning of the college. The students have an elected union, representatives of which are members to all the sub-committees of the college. The students' representatives are integral part of the IQAC. Student union representatives maintain a regular interaction with the IQAC coordinator and principal and prepare the proposals regarding students' requirements for the development and put them before the IQAC.

Role of Alumni in the Functioning of the IQAC: The alumni have depicted their roles in functioning of IQAC in the following areas: The alumni provides useful feedback which serve as inputs for the planning and developmental activities of the institution. The vast experience of the Alumni helps in taking the decisions for the betterment of the students community. As per the suggestion of the IQAC, the alumni association renders their support as and when required.

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

- ❖ Through the college website.
- ❖ Through the office e-mail.
- ❖ Through sub-committee.
- ❖ Through the G.B. meeting.

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 operationalization.*

Yes, IQAC works in collaboration with academic sub-committee, teachers council, finance sub-committee and G.B. and share report for improvement of academic and administrative activities.

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

No, the college does not provide training to its staff for effective implementation of the quality assurance procedures. College has realized the need for development of its staff in order to fulfill the priorities and attainment of the mission of qualitative accountability to the stakeholders. Seminars and workshops held on quality culture and quality imperatives are attended by all the staff and a select few are sponsored to attend similar events held in other institutions on related subjects. The majority of training is work based.

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?

Review: Departments prepare the necessary documents which are placed to the office of the Principal. IQAC members visit every department and inspect all files and documents. A SWOC analysis of each department is also conducted. In interface meeting with the departments, IQAC representatives review each department and offer suggestions for improvement.

Teachers' performance record: It exhibits the no. of class allotted and class taken, the no. of examination duty allotted and performed, other administrative activities done by each faculty members. After day's work the record is placed before the head of the institution for effective implementation and evaluation of the academic performance.

Academic Audit by the Academic Sub- committee: Academic Subcommittee, at regular interval of time, discusses matters related to dearth of required number of teachers, holding of examinations and publication of results, preparation of Academic Calendar, changes in curriculum etc.

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

Responding to the policy outline of the regulatory Bodies, the College pursues a system of (a) Transparent democratic admission (b) Bridging between academics and progressive opportunities are given attention by IQAC and Career Counselling Cell, so that students develop sense of social and economic justice and integrity of characters.

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 Principal and to some extent the members of the Governing Body of the college along with the teachers and staff are involved in planning, implementation and evaluation and review of the academic programmes. The academic committee chalk out the academic calendar at the beginning of the session and the same is incorporated in the college prospectus so that students can have previous knowledge about the schedule to be followed. Once the sessions starts, modifications are made to the

academic calendar as and when required, particularly taking into consideration need and convenience of the students. Progress of academic work and performances of students in internal and university exams are extensively evaluated by Principal and other faculty members through discussion and deliberation at staff meetings held at regular intervals. The members of the Governing Body are all well conversant with the modalities of academic management and contribute valuable suggestions whenever their help is solicited. The college is an affiliated institution of University of Kalyani and must work within the parameters set by the university in academic matters. Nevertheless, existing courses are taught with extreme care, information about contemporary developments are provided to the students and the students' response and comments are solicited and given due importance. The congenial atmosphere for learning and for the exchange of ideas thus created fosters a spirit of inquiry and a thirst for more in depth discussion.

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

The Principal takes special care to ensure that academic programmes are implemented optimally on the basis of active co-operation among faculty and non-teaching staff so that syllabus can be completed within stipulated time. The faculty gets a chance to interact with parents in the guardians' meetings which are held quite regularly. Parents are advised to encourage their wards to pursue their studies dutifully and to participate in various co-curricular activities and strive to become all-rounders. Through participation in the NSS programmes, students become involved in community service and gain first-hand experience of handling problematic and sometimes unprecedented situations. Special lectures delivered by noted scholars, religious leaders and social activists, organized by the college authority on various occasions, contribute to the development of right mind set in students so that education for them becomes not just a means of earning a living but a medium of learning how to live. The principal of the college and members of the governing body are kept abreast of the 167 continuous progress of academic and non-academic work through their presence and participation in Governing Body meeting, Teachers' Council meetings, IQAC meetings and parent-teacher meetings. Occasionally, they offer valuable suggestions for course corrections so that the ultimate goal of ensuring quality teaching-learning process can be accomplished. Orientation programmes at the beginning of courses, parent-teacher meetings, uploading performance data on the college website are other mechanisms to ensure that vital stakeholders like students and parents as well as the community at large are made aware of the dedication and sincerity with which the college is pursuing its agenda of holistic learning.

Criterion VII: Innovations and Best Practices

7.1 Environment Consciousness

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

Nabadwip Vidyasagar College main campus has very little scope for maintaining a garden in the truest sense of the terms. The main campus of the college is situated on a 65 cottah plot of land of which twenty three cottahs in the rear portion could not be used from its very inception. It was a boggy plot of land with an age old ditch used as the dumping ground by the neighbouring residents. Of late the plot has been reclaimed and a high compound wall has been erected leading to a considerable augmentation of the space. A small garden has been prepared by the side of the newly acquired Bakultala Boys' Hostel Building which the college had taken on lease.

However, despite the space crunch the college nurtures a few betel nut trees, a rubber tree and a Mehagini plant.

The college plans to develop a medicinal plant garden in near future. The college is declared a plastic free zone and campaigning programme highlighting the ill effects of plastic are held from time to time by the NSS and NCC Teams and students are constantly sensitized about clean and green environments through talks, posterings etc.

Efforts are also underway for rainwater harvesting and installing solar panels for partial illumination of the campus.

Wastes of the laboratories particularly those of Chemistry, Zoology, Botany and Environmental science are potential threats to environment. The College has adopted certain safety measures to protect the environment from hazardous pollutants.

The steps taken by the college are as follows:

- (i) All rubbish collected from the laboratories are not directly made to flow out through regular drainage system. The chemical refuse generated by the Chemistry department is dumped in a concrete pit just constructed at the back of the department till its suitable and safe disposal.
- (ii) The wastes of other departments are kept in appropriate litter bins for disposal.
- (iii) Students working within the laboratories always are vulnerable to the exposure of toxic fumes. Efforts are made to minimize this risk factor by running efficient and multiple exhaust fans in the laboratories particularly in the Chemistry laboratory during class hours.
- (iv) Fire fighting systems are there to successfully combat any incident of fire and it is continuously upgraded. Besides, the local Fire Brigade is constantly kept in touch with.

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

The demand for fossil fuels has increased to an unimaginable extent during the last few decades and it has a tremendous impact on the environment. Besides the fast dwindling of the reserve of fossil fuel, alternative sources of energy need to be tapped. Solar energy is the only solution to this problem. It is not only an extremely clean energy source, but also it produces no air pollution nor any hazardous waste. The college has a plan to set up solar panel on the roof tops of the college buildings, and hostel buildings. Nabadwip, being a semi urban area the pollution level has not yet assumed an alarming proportion. But conforming to the English adage a stitch in time saves nine, the production of solar energy will reduce the dependence on fossil fuel. The college has two green generators (7.5 KV with UGC fund & 62 KV and the other recently purchased by the college fund) at presents meets the demand of energy. But with the expansion of the college premises and the academic fold, such measures should be taken in near future. The solar energy can be used to run various electrical and electronic laboratories and for other illumination purposes.

Cleanliness in the laboratories are maintained by regular dusting and wiping apart from which most of the instruments are kept covered to protect them from dust and obtain better efficiency.

To maintain the cleanliness in the computer laboratory and keeping the laboratory as much dust free as possible, the laboratory is air conditioned, the floor is covered with vinyl sheet and is regularly dusted with a vacuum cleaner. Shoe rack is also installed there.

The library also possesses a vacuum cleaner for maintaining cleanliness.

The college is aware of conservation of energy and it is ascertained in the following manners:

Lights are used in rooms when unavoidably required.

Lights and fans are turned off when there is no need of them.

Metal Halide lamps are used in place of Mercury Vapour lights.

Doors and windows are tightly sealed when the air conditioner is running.

Equipments like printer, copiers are turned off immediately after their use.

Computers and monitors are kept on 'sleep' mode when they are not in use.

Annual Maintenance Contract have been made with concerned concerns for their proper maintenance and operation.

Use of renewable Energy:

Solar light in the college campus is being planned.

The college has a plan to implement the Rain Water Harvesting Project in near future.

Carbon neutrality:

Use of low energy light bulbs and inverter instead of generator in the laboratories are two ways for carbon neutrality.

Adequate greenery in the campus is instrumental in consuming carbon-dioxide and releasing oxygen. Gardening and plantation of trees can help to achieve this aim.

Plantation:

Paucity of land does not provide much opportunity to the college for tree plantation in its campuses. But the college every year takes up tree plantation programmes at different places in the town. A few of them bear witness to it. The college maintains a few trees in its campuses and has taken up initiative to create a garden in the newly reclaimed land at the rear portion of the main college premises.

Hazardous Waste Management:

Chemical wastes of the chemistry department is dumped in a concrete pit at the back of the department and suitably disposed.

Animals after experiment are buried in the backyard.

E-Waste Management:

E-Waste is disposed of by appointed agencies for destruction.

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.

A personal counselling cell is functional in the college. Students have free access to the teachers and can interact with the teachers regarding various personal problems and seek necessary advice to be sensitized for the art of stress management.

NSS and NCC units organise awareness programmes related to cultivation of health like yoga camp, games and sports and other physical exercises.

The SBI, Nabadwip branch has been entrusted with the task of fees collection of students. All the financial transactions of the college including the salary payment of the staff are done by the bank. Recently the bank officials held an awareness programme at the college seminar hall on e-banking.

Admission and collection of fees of the students is carried out totally online for the First Year, thereby minimizing manual error.

The college library is being computerized.

Two green generators are there to ensure uninterrupted power supply for carrying out day to day activities as well as on special occasions.

Annual Maintenance Contracts have been signed for the up keep of the generators (one is new one) and other equipments to ensure a smooth functioning of these as well as to sustain pollution free environment.

Use of LED TV , LCD Projector , OHP and Laptop are there in science class rooms for a more illustrative and comprehensive teaching process.

Some of the departments organise annual seminar on interesting current topics or topics of absorbing interest. The students' enthusiastic participation in these seminars is noteworthy.

National level seminars are organised by some departments on the availability of UGC grants. The college funds the departmental seminars.

College Blog:

To save paper and to harness the academic power of the Internet, the college has opened a blog site with the address <https://nvcblogblog.wordpress.com>. Presently it caters to the students of the MA – DODL (English) but plans are afoot to expand its utility.

7.3 BEST PRACTICES

7.3.1 Best Practice I

1. Title of the Practice:

National Cadet Corps (NCC)

i. Goal.

The main objective has been to develop and nurture a generation of Indian students who, inspired by their glorious heritage would combine dignity with bravery, have minds and bodies that are truly developed, and can become dynamic, mature and lionhearted sons and daughters of a great nation in the truest sense of the word. Our goal is to ensure that the pupils of this College should not only have a deeply human and social commitment, and hearts where there is a place for everyone, but be capable enough to create a space for themselves transcending their social and economic status in today's highly competitive world.

ii. The Context:

The only constant thing in the world being change, it is also true that the wind of change does not always blow favourably for the present, past or the future. Today, with the technological explosion and the subsequent proliferation of communication and social media, India is passing through a crucial transitional phase. Everywhere, in communication or education, in social norms or lifestyle, we are witnessing many radical changes. Changes are being seen even in those basic human values which define our humanity. A blindfolded fascination with the Occident is seducing our young men and women towards a decadent and dissolute lifestyle. Regimentation and conservative mindset

should never be overpowering but we think that the students of Nabadwip Vidyasagar College must be aware of the rich heritage not only of their college but also of West Bengal and India. The NCC and the NSS aim to instruct students in discipline, punctuality, social service and selflessness that will take them a long way towards this goal. It is only natural that its pupils should not only be made aware of their glorious legacy but be encouraged to carry it forward.

iii. The Practice:

The NCC and NSS is a joint venture of the college faculty and the student populace. Both the teachers and the students participate actively in the long term and short term programmes of the NCC and the NSS. Sundays throughout the year are dedicated towards NCC and the NSS activities. A typical Sunday for the young cadets starts at 6 AM in the morning with a brisk run and warm up session around the college ground. The gentle uphill or the jungle trail required for a cross-country run is unavailable in the urban setup around the college. Accordingly, our cadets improvise with a load bearing run (5 Kg in their respective satchels) through the surrounding lanes and by-lanes in the vicinity. The 30 minute fitness run concludes in the municipal grounds with a 10 minute recess followed by a further 10 minutes of stretching exercises. The next session begins in the college grounds with the group commanders taking charge under the experienced and skilled supervision of the uniformed representative from the 6th Bengal battalion.

iv. Community service and social commitments:

Ishwar Chandra Vidyasagar's Birth and death anniversaries are marked on the NCC and NSS calendar as days on which the students and the trainee cadets would lend a helping hand and fulfil a number of their social commitments.

On both the birth and death anniversaries of Ishwar Chandra Vidyasagar, Fruits and Sweets are distributed among the patients of local state general hospital.

- a) Educational aids and refreshments are distributed among the students of the Acharya Prafulla Chandra Blind School.
- b) The NCC and the NSS take an active part in the Tree plantation ceremonies.
- c) The NCC and the NSS provide active flood relief in the Nabadwip Municipal Area.
- d) Environment and Health awareness programmes are organized in the adjacent villages.
- e) During the festival of "Raasa"(one of the greatest festivals of the state), assistance booths are organized by the NCC and the NSS.

v. Evidence of Success:



A typical NCC workday in the college campus

vi. **Problems Encountered and Resources Required:**

It is difficult to acquaint the students with their rich historical past in the presence of an ever changing present. The College strives to inculcate the fast disappearing moral values of compassion, humility, industriousness in the truest sense of the term. We require an active participation from the student community, a fully equipped seminar hall with audiovisual aids and trained personnel for handling the audiovisual equipments and more generous allocation of funds.

7.3.2 Best Practice II

i. Title of the practice:

National Service Scheme (NSS)

i. Goal.

The life of a true student does not revolve solely around academics. A student is a component of the bigger and greater mechanism called life. Education is all about the integration of an individual into the greater scheme of things. The society that we live in has certain norms that must be followed. The NSS has the goal of integrating the young man or woman, just into college, into the idea of an ideal society. The creation of a complete human being cannot be achieved by a few dry textbooks or a number of drab examinations. A boy or a girl can develop into a real Man or a Woman only through social service.

ii. The Context:

The Education Commission (headed by D.S. Kothari from 1964–1966) recommended that students at every stage of education should be associated with some form of social service. The average college student in the first year is coming from a school where his or her true God was the mark sheet or the progress report at the end of the term. From an idealistic point of view this might seem suicidal but such is the true picture of our educational system. Cramming and vomiting being the order of the day, it takes quite a lot of courage to think otherwise. The NSS has the declared role of fighting against this mindset by putting the students in a different context where selfless service is the only goal and incentive.

iii. The Practice:

The functional and guiding objectives of the NSS, in their general sense, are:

- To obtain knowledge and understand the workings of the community in which they work and live.
- To obtain an understanding of themselves in relation to their community and society in general;
- The identification of the needs and problems of the community and their involvement in the problem solving process;
- The development, among themselves, of a sense of social and civic responsibility;
- The utilization of their knowledge in finding practical solutions to individual and community problems;
- The development of the prerequisite competence for group living and sharing of responsibilities in a community;
- Skill development in the mobilization of community participation;

- Acquisition of democratic attitude and leadership qualities;
- To develop the capacity to meet emergencies and natural disasters (especially in a flood prone area like Nabadwip)
- The broader practice and cultivation of national integration and social harmony.

Camps are held annually, funded by the government of India, and are usually located in a rural village or a suburb in the Nabadwip town area. Student-Volunteers are involved in such activities as:

- a) Cleaning of the locality
- b) Afforestation efforts in the immediate vicinity of the adopted village
- c) Adoption of village: The programme aims to inculcate social welfare in students, and to provide service to society without bias. NSS volunteers work to ensure that everyone who is needy gets help to enhance his/her standard of living and lead a life of dignity. In doing so, volunteers learn from people in villages how to lead a good life despite a scarcity of resources. It also provides help in natural and man-made disasters by providing food, clothing and first aid to the disaster victims.
- d) Stage shows, processions and rallies to create awareness of such issues as social problems, education and cleanliness
- e) Awareness Rallies all through the Nabadwip municipal area.
- f) Inviting doctors for health check-up camps.

Typical duration of a camp is either a week or 10 days, although camps are also conducted for shorter periods. Tasks are not previously defined or previously assigned; it is left up to the volunteers to provide service in any way that is feasible in the immediate social and local context.



NCC and NSS camp during the RASH festival



Tree Plantation Drive in the Campus

iv. Evidence of Success:

Successfully executed activities are tabulated below:

Date	Activity	SC Volunteers	OBC Volunteers	Total Volunteers
15.08.13	Celebration of Independence Day	07	13	97
03.09.13	NSS counseling class was taken by P.O.	09	12	95
08.09.13	International Literacy Day was celebrated Programme was held in the slum area near college campus	08	09	87
22.09.13	Observation and survey of previously marked speed breakers of local vicinity	07	11	91
24.09.13	Celebration of NSS Day	09	13	95
26.11.13	Belated celebration of National Integration Day	07	11	75
01.12.13	Celebration of World AIDS DAY Under Red Ribbon Club by learning blood group testing and 3 persons with negative gr. have been identified.	09	13	84
05.01.14	Campaign for safety of girl children in the slum area	05	03	49
26.01.14	Celebration of Republic Day	09	11	82
27.01.14	Survey regarding primary health and education in the slum area in the vicinity of college	09	11	82
10.03.14 to 16.03.14	Special camp activities	07	13	50
24.03.14	Importance of blood donation and group testing	08	11	78
26.03.14	Settings of awareness board in local areas	07	13	81
24.09.13 to 26.09.13	ASER (Kaustav Biswas and Partha Pramanik)	01	-	2

Date	Activity	SC Volunteers	OBC Volunteers	Total Volunteers
15.08.14	Celebration of Independence Day	09	11	96
03.09.14	NSS counseling class was taken by P.O.	09	13	98
08.09.14	International Literacy Day was celebrated Programme was held in the slum area near college campus	07	09	84
24.09.14	Celebration of NSS day	09	12	96
26.11.14	Belated celebration of National Integration Day	09	11	74
01.12.14	Celebration of World AIDS DAY Under Red Ribbon Club by learning blood group testing and 3 persons with negative gr. have been identified.	09	11	79
05.01.15	Campaign for safety of girl children in the slum area	05	03	49
26.01.15	Celebration of Republic Day	09	11	82
27.01.15	Survey regarding primary health and education in the slum area in the vicinity of college	09	11	82
16.03.15 to 22.03.15	Special camp activities	07	11	50
01.09.14 to 03.09.14	ASER (Partha Pramanik and Nilanka Ganguly)	01	-	02
26.08.14 and 07.09.14	Bipasha Kundu attained RD camp trial at the University of kalyani and after selection went for final trial	-	-	01

v. ***Problems Encountered and Resources Required:***

- i. A number of NSS activities collide with university examination schedules.
- ii. Female students have a problem of staying outside at night.
- iii. Guardians sometimes have reservation about their wards about performing heavy physical duties.
- iv. Guardians sometimes are reluctant about sending their wards to outside camps.
- v. Food and Lodging expenditure is acutely inadequate. Rs 7.50 -Rs. 8.50 are never adequate to recompensate a student for a whole day session after strenuous physical activity.
- vi. Police support and protection is not available all the time.
- vii. The drive to involve public-figures is not gaining momentum.

The NSS always stays true towards their commitments on environment and general cleanliness. As a part of the “clean your college” awareness programme, Placards and signboards declaring the college as a plastic-free zone have been put up all over the campus.

Evaluative Reports of the Departments:

Arts

- *Bengali*
- *English*
- *History*
- *Political Science*
- *Sanskrit*
- *Philosophy*
- *Education*
- *Economics*

Science

- *Physics*
- *Chemistry*
- *Mathematics*
- *Botany*
- *Zoology*
- *Environmental Science*

Commerce

- *Accounting & Finance*

Evaluative Report of the Department of Bengali

1. Name of the department: Bengali
2. Year of Establishment: UG -1942
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):
UG (Honours, General and Compulsory Courses)
PG (DODL under Kalyani University)
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual system
6. Participation of the department in the courses offered by other departments: N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programmes discontinued (if any) with reasons: N.A.
9. Number of teaching posts

Name of the Post	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	2	2
Assistant Professor	3	3

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
Smt.Kaiyani Roy	M.A.,M.Phil	Associate Professor	Drama and History of dramatic stage	22 Yrs	Nil
Dr. Tapati Thakur	M.A., M.Phil, Ph.D.	Associate Professor	RabindraSahitya	20Yrs	Nil
Dr. ChandrimaBasu	M.A.,M.Phil, Ph.D.	Assistant Professor	Comparative Literature	16 Yrs	Nil
Smt. ArunimaChakraborty	M.A.	Assistant Professor	Katha Sahitya	16 Yrs	Nil
Sri. Rabindranath Hansda	M.A.	Assistant Professor	Drama	11 Month	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student -Teacher Ratio (programme wise):
2014 – 2015 = 1:94 (Hons)
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: PG-05, M.Phil-03, Ph.D-02
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total Grants received: N.A
18. Research Centre /facility recognized by the University: N.A

Name of faculty	No. of papers Nat/Int	No. of Publications listed in Int. Data base	Mono Graphs	Chap. In Books	Books Edited	Books with ISSN/ISBN No.	Citation Index	SNIP	SRJ	Impact factor	H-Index	Book chapter without ISSN/ISBN	Book chapter with ISSN/ISBN
Kalyani Roy													
Tapati Thakur						1(Book)							
Chandrima Basu	5												4
Arunima Chakraborty	1												1
Rabindranath Hansda	4(Nat) & 1(Int)												1

19. Publications:
20. Areas of consultancy and income generated: NIL
21. Faculty as members in: a) National committees b) International Committees
c) Editorial Board: Chandrima Basu
 - a) Percentage of students who have done in-house projects including inter departmental/programme: ENVIS: 100% of First Years Honours Student
 - 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: N.A

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

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

Seminar/workshop/special lecture	Title & Date	Speaker
Student-Seminar Funded by the College	Bangla KabitayNari 2010	Total 25 students from 1 st year
Do	ShatabarseGitanjali 2011	Students from 1 st , 2 nd , 3 rd , year
Do	Vivekananda, JyotirindraMoitra&Bimal Mitra2012	6 Students from 1 st year
Do	Sunil Gangopadhyay 2013	8 Students from 3 rd year
Do	Bangla Chhandernanarakam 2014	4 Student from 1 st year
UGC sponsored two days State Level Seminar in collaboration with RabindraAdhyayan Kendra, Kalyani University	Rabindranath o manabatabad 18-19 th Nov, 2011	Prof. SoumitraBasu, Prof. PinakeshSarkar, Dr.Sabitri NandaChakraborty, Prof. KalyanishankarGhatak.

26. Student profile programme/course wise: UG

2010-2011

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st yearHonours	1074	150	77	73	84.74% (Hons)
1 st year General	1250	1242	711	531	
2 nd year Honours		119	39	44	
2 nd year General			401	321	
3 rd year Honours		120	66	54	
3 rd year General			237	369	

2011-2012

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st year Honours	1090	137	86	51	85.17%
1 st year General	890	867	516	351	
2 nd year Honours		125	71	54	
2 nd year General		881	438	443	
3 rd year Honours		114	59	55	
3 rd year General		881	438	443	

2012-2013

Name of the Course/Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st year Honours	1269	169	77	92	73.33%
1 st year General	1853	1783	1024	759	
2 nd years Honours		122	58	64	
2 nd years General			403	325	
3 rd years Honours		118	73	45	
3 rd years General			179	194	

2013-2014

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	1435	169	88	81	77.45%
1st-General	1835	1782	1008	774	
2 nd years Honours		130	76	54	
2 nd years General			604	409	
3 rd years Honours		106	54	52	
3 rd years General			270	212	

2014-2015

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	994	211	117	94	95.12%
1st-General	1932	1821	989	832	
2 nd years Honours		134	74	60	
2 nd years General			702	506	
3 rd years Honours		125	73	52	
3 rd years General			416	312	

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(2010-2015)	100%	0	0
PG	NIL	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET: 03 SET: 01

29. Student progression

Student progression	Against % enrolled
UG to PG	30% (Regular, 60% DODL)
PG to M.Phil.	02
PG to Ph.D.	03
Ph.D. to Post-Doctoral	01
Employed • Campus selection • Other than campus recruitment	N.A Through SSC 40%
Entrepreneurship/Self-employment	N.A

30. Details of Infrastructural facilities
- a) Library: We have separate Departmental library along with a good number of books in Central Library for our UG students.
 - b) Internet facilities for Staff & Students: YES
 - 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: **Details are given in Criterion-V**
32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts: NIL
33. Teaching methods adopted to improve student learning:
- Teachers are using audio gadgets to assist the teaching Learning process.
 - Visuals are also being used as and when necessary.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- i. Distribution of writing article among the blind school students in the occasion of Vidyasagar death anniversary.
 - ii. Distribution of fruits among the Pratap Nagar State General Hospital.
 - iii. A good number of students of the department participated sincerely in NSS activities.
35. SWOC analysis of the department and Future plans
- Strengths:**
- Close interaction between dedicated teachers and motivated students try to make healthy academic atmosphere.
 - A rich collection of books in Bengali literature and language both in the department and as well as central library to develop the knowledge of the students.
 - Practice of students' seminars is the strength of the department.
 - Publishing wall magazine is a good practice of the students'.
 - Development of the students through cultural & extra curricular activities.
- Weakness:**
- Lack of sufficient number of class room and separate Departmental room.
 - No administrative staff to handle administrative work of the department.
 - No departmental fund for small recurring expenses of the department.
 - Imbalance of student- teacher ratio.
- Opportunities:**
- Student-teacher relationship is very good.
 - Well organized students' Seminar, arrangement of various programmes

like publication of wall magazine, participation in annual cultural competition & teachers' day celebration.

- To stimulate creativity among the students.
- Teachers are engaged in various research works & publish their research in peer reviewed journals.

Challenges:

- Bengali being a literary subject, the job opportunities are dwindling in the industrial and private sectors (except media).
- The job opportunities in the academic and pedagogical areas are being slowly reduced.
- Preference for the Bengali language is hampering the English skills which is restricting the abilities of the students to compete in various competitive examinations.
- Students coming from economically weaker backgrounds are mostly engaged in some sort of part-time and full-time jobs which are at odds with their time for study at the college and at their homes.
- Poverty, illiteracy and numerous social problems of the students coming from the backwards and minority communities prevent them from the continuation of their studies, leading towards a large number of drop-outs in the second and the third year.

Future Plans:

1. *Procurement of a Smart Classroom with audio-visual systems and a projector.*
2. *A training center on Media management (Anchoring, Copy writing and other technical studies related to the electronic media)*
3. *Training center to train students for civil service examinations.*

Detail of Publication

SMT. KALYANI ROY

Seminar

1. International seminar, Nildapan: 150, 23rd Dec, 2010.
2. Centre for Folklore Studies and Research, 20.03.2011
3. State level seminar: 18.11.2011
4. National level seminar: 10th & 11th Jan, 2012
5. Folklore and Cultural Diversity in Tribal Areas of India: 14th & 15th Feb, 2012
6. Rabindra Ganer Karmashala, Feb 25 & 27 2013, Rabindra Adhyan Kendra, Kalyani University.
7. Rabindranath o Manabatabad, Nov 16 & 17 2011, Nabadwip Vidyasagar College
8. Coursework on Research methodology: 27 – 30 March, 2012

Paper:

1. Academic spectrum, Vol-1, no-1, May, 2010, ISSN 0976-9323
2. LOKSANSKRITIR BICHITRA PARISAR / ANWESAN O BISHLESHAN, Nov. 2014, ISBN 13-978-81-9252582-0-1.
3. MS ACADEMIC, Vol – 5, No. 1 Feb, 2015, ISSN: 2229-6484

Dr. TAPATI THAKUR

Book:

1. Rabindramanane Rituchetana, Papyrus, 2014

Seminar:

1. Rabindra Ganer Karmashala, Feb25&27 2013, Rabindra Adhyan Kendra, Kalyani University.
2. Rabindranath o Manabatabad, Nov 16&17 2011, Nabadwip Vidyasagar College
3. UGC Sponsored National Seminar on Rabindranath Thakur: 15th & 16th Feb. 2012.

Dr CHANDRIMA BASU

Book Chapter(with ISSN/ISBN numbers)

1. Shakto Padabali: Chintacharchar nanadik, Aug2013
2. Nari: Andare Bahire, Aug2014
3. Rashtrasamasya: Bangla sahitya, Dec2013
4. RabindraNatyacharcha, Apr2015

Papers(Journals)

1. Academic Spectrum, Vol-1, No-1, May, 2010, ISSN0976-9323
2. Panchokot Essays, Sept, 2010, Vol-1, No-2, ISSN 0976-4968
3. Open Eyes, June & Dec, 2013, Vol-10, No-1&2, ISSN 2249-4332
4. Rabindra Adhyan, July, 2013, Vol-1, No-1, ISSN2320-5253

Seminar

1. UGC Sponsored two days National Seminar, Shimurali Sachinandan College of education, 19th and 20th Aug 2011.
2. National, Krishnagar Womens College, Sept 14&15 2013
3. Rabindra Ganer Karmashala, Feb25&27 2013, Rabindra AdhyanKendra, Kalyani University.
4. Rabindranath o Manabatabad, Nov 16&17 2011, Nabadwip Vidyasagar College

SMT.ARUNIMA CHAKRABARTY

Book Chapter (with ISSN/ISBN numbers)

1. Rashtra O Samj Byabastha Kobi Mollica Sengupter Chokhe Rashtra Samasya: Bangla Sahitya, sept 2013

Seminar:

1. Rabindranath 150, National, March 2010, Jadavpur University.
2. Rabindranath o Manabatabad, nov 16&17 2011, Nabadwip vidyasagar College
3. Rabindra Ganer Karmashala, Feb25&27 2013, Rabindra AdhyanKendra, Kalyani University.
4. Bangala Upannyase Protibadi Nari Charitra, March 21&22 2013, Mahadebananda Mahavidyalaya, Barrackpore
5. RastraSamasya: Bangla Sahitya, Dec 14&15 2013, Krishnanagar Womens college
6. R.C. Nov-Dec 2013

RABINDRANATH HANSDA

Paper (journals)

1. Ganantya o Shambhu Mitra Prasanga, oct2015, ISSN 2277-8780

Seminar

Nabadwip Vidyasar College 164

1. JanmoShatoborsheAdwaitaMallabarman,.National ,A.MM.T College22&23 April,2015
2. Janmo Shatoborshe Bijon Bhattacharyay, National, Dwijendralal College 2nd&3rd May,2015
3. Puraner Nabanirman: Sampratik Sahitye, National,A.MM.T College,24&25 June 2015
4. Unish Shatakiyo Swadesh Chetanar Prekkhite Dwijendralaler Natya Bhabna, National,11&12 , Aug 2015
5. On Bengali Novels of two Neighbouring Countries (India and Bangladesh), International, 6&7 Oct ,2015, Ranchi University.

Evaluative Report of the Department of English

1. Name of the department : Department of English, NabadwipVidyasagar College
Nabadwip, Nadia, West Bengal, Pin- 741302.
2. Year of Establishment: 1946
3. Names of Programmes / Courses offered (UG and PG under the DODL scheme of the University of Kalyani)
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	04	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
Arun Kumar Biswas	M.A.	Assistant Professor	American Literature	7 years	Nil
PijushBhadra	M.A.	Assistant Professor	European Literature	1 year	Nil
RupenMondal	M.A.	Assistant Professor	American Literature	1 Year	Nil
Mousumi Bhattacharya	M.A.	Guest Lecturer	Literature and Gender	2 yrs	Nil
Koushik De	M.A.	Guest Lecturer	Literature and Gender	2 yrs	Nil

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: 15%
13. Student -Teacher Ratio (programme wise):53.6: 1 (Hons)
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 : PG - 05
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 totalgrants received : None.
18. Research Centre /facility recognized by the University : Nil.
19. Publications:
 - * a) Publication per faculty: 1.333
 - *Number of papers published in peer reviewed journals (national / international) by faculty and students: 4
 - * 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:Nil
 - * Books Edited:Nil
 - *Books with ISBN/ISSN numbers with details of publishers: Nil
 - * 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 : 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

a) National : Nil

b) International : Nil

26. Student profile programme/course wise:

2010-11

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A. Honours	456	49	28	21	76.3

2011-12

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A. Honours	396	59	32	27	55.5

2012-2013

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A. Honours	731	65	36	29	65.4

2013-14

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A. Honours(2013-14)	375	72	28	44	66.6

2014-15

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A. Honours(2013-14)	338	76	42	34	66.7

Year	Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled	
				*M	*F
2010-2011 (Gen)	1 st year General	90	81	61	20
	2nd year General		65	50	15
	3rd year General		52	36	16
2011-2012 (Gen)	1 st year General	130	102	72	30
	2nd year General		74	53	21
	3rd year General		29	19	10
2012-2013 (Gen)	1 st year General	120	95	63	32
	2nd year General		62	37	25
	3rd year General		32	19	13
2013-2014 (Gen)	1 st year General	76	51	32	19
	2nd year General		37	21	16
	3rd year General		29	17	12
2014-2015 (Gen)	1 st year General	95	82	63	19
	2nd year General		18	11	07
	3rd year General		27	15	12

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. Honours	100	Nil	Nil
B.A. 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.:Nil

29. Student progression

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

❖ **Batch 2010-2013**

Name	Designation	Name of the School / Place	Date / Year of Joining
Sayantana Sengupta	Content Writer	Ebizinda Consulting Pvt. Ltd.	May,2015

❖ **Batch 2008-2011**

Name	Designation	Name of the School / Place	Date / Year of Joining
Rathindranath Mondal	Assistant Teacher	Bishnupur High School	06/12/2013
Anup Shil	Assistant Teacher	Nasipur F.P School	22/01/2014
Subal Karmakar	Teacher	Birpur Primary School	22/01/2014
Rintu Debnath	Assistant Teacher	Palashberia F.P School	24/01/2014
Mousumi Bhattacharyya	Guest Lecturer	Nabadwip Vidyasagar College	01/09/2014
Mrinal Barai	Group-C(Clerk)	Kharashgram Kalibala High School	03/12/2012
Sumit Debnath	Group-C(Clerk)	PBGB Bank	
Partha Debnath	Accountant & Stock Manager(Gold Section)	Sri Krishna Gold Coimbatore	21/03/2015
Beauty Chakraborty	Assistant Teacher	School of Sri Haridas	25/3/2014

• **Batch 2007-2010**

Name	Designation	Name of the School / Place	Date / Year of Joining
Asim Chakraborty	Administrative Assistant	Air Force(Panagarh Base)	2013
Bappaditya Debnath	Assistant Teacher	BhatjanglaKalipur High School	11/12/2013
Barnali Ghosh	Assistant Teacher	Palassey Mira BalikaBidyaniketan	05/09/2011

30. Details of Infrastructural facilities

- a) Library: Departmental Library books numbering 21.
- b) Internet facilities for Staff & Students : Nil
- c) Class rooms with ICT facility: Nil
- d) Laboratories: Nil

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: NA
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
35. SWOC analysis of the department and Future plans:

Strengths

- Efficient and Dedicated faculty
- Good student-teacher relationship
- Many relevant books in Central Library
- Interest of the students in English Literature and Language.

In this department the honours course had been introduced in the year 1946. Though the department has three full time teachers at present but before that the department suffered for a long period from acute shortage of full time and experienced teachers. But the true strength of this department is the steady demand for this subject from the society. The steady demand is reflected by the number of applications submitted each year during admission.

Our students have severely dilapidated Financial and Academic backgrounds and are mostly first generation learners.

Weaknesses

Lack of separate Departmental Space

- Students are not affluent in speaking English.
- Lack of supporting infrastructure like TV's and Projectors.
- The main weakness of this department is the shortage of experienced teachers, (though this year two newteachers have joined the department).

Opportunities

- Student-teacher ratio can be improved.
- Centre for the coaching of civil service examinations may be started for interested students.
- Research activities for faculties members.
- This department has the opportunity to develop its students for present day needs. Since most of the students of this department are unable to pursue for higher studies- they can opt for different job-oriented courses which require certain level of knowledge of English Language.

Challenges:

- The strongest challenge of this department is the poor academic background of students. Since most of the students come from very ordinary families they do not possess adequate hold over English language – so they face a lot of difficulties to cope up with their complete syllabus. But we try our level best to face the challenges.
- Electronic Media(Cell Phones, T.V., Internet et cetera) are distracting students from their study and Moral Values.

- Students coming from economically weaker backgrounds are mostly engaged in some sort of part-time and full-time jobs which are at odds with their time for study at the college and their homes.
- Poverty, illiteracy and numerous social problems of the students coming from the backwards and Minority communities prevent them from the continuation of their studies, leading towards a large number of drop-outs every year.



An interactive session of the Parent-Teacher Meet in progress



Rhetoric: Wall Magazine of the Department of English



Group photograph of the Participants of the Departmental Seminar, 2011

Future Plans:

1. To conduct state level and national level workshops and seminars.
2. Establishment of a new smart classroom.
3. Procurement of new teaching-learning aids, charts and books.
4. Procurement of a new audio-visual system and a projector.
5. Departmental journal

Arun Kumar Biswas

Chapter in Books:

“The Search for a Voice: A Study of ShashiDeshpande’s Selected Short Stories”. **Modern Short Story: Text and Narrative**. Krishnagar Women’s College Publication Cell. Page.81-92. ISBN - 978-81-924395-0-1.

“The Miserable Life of the Marginalized in Mulk Raj Anand’s *Untouchable* and RomenBasu’s *Outcast: A Sociological Study*” in **Representation of the Marginalized in Indian Writings in English**. Siliguri: Falakata College Publication Cell, March 2015. P. 61-66. ISBN - 978-93-84671-13-6.

Papers presented:

1. Presented a paper entitled “**The Search for a Voice: A Study of ShashiDeshpande’s Selected Short Stories**” in the UGC-Sponsored National Seminar on *Modern Short Story: Text and Narrative* held at Krishnagar Womens College on 24th and 25th November, 2011.
2. Presented a paper entitled “**The Miserable Life of the Marginalized in Mulk Raj Anand’s *Untouchable* and RomenBasu’s *Outcast: A Sociological Study***” in the UGC-Sponsored National Seminar on **Representation of the Marginalized in Indian Writings in English** held at Falakata College, Jalpaiguri on 7 and 8 November, 2014.
3. Presented a paper entitled “Discovery of the Self: Protest against Patriarchy in Deepa Mehta’s Film *Fire*” in UGC Sponsored Workshop in the Dept. Of English, University of Kalyani 7-10 January 2014.
4. Participated in the UGC-Sponsored State Level **Curriculum Development Workshop** organized by the Dept. of English, University of Kalyani on 11 March, 2015.

Published Papers:

1. *Image of Indian Married Woman in ShobhaDe’s Socialite Evenings* in **MS Academic**. May 2011, Vol. 1, No.3. Page 185-190 (ISSN 2229-6484), Refereed Journal.
2. “A Sense of Horror’ and Outrage in AmitavGhosh’s *The Shadow Lines* in **MS Academic**. August 2012, Vol. 2, No. 2 & 3. Page 82-89. (ISSN 2229-6484), Refereed Journal.
3. “Partition, Dislocation and Identity Crisis in Khuswant Singh’s *Train to Pakistan*. **Academic Spectrum** December, 2013, Vol. 4, No. 5. page 41-46. (ISSN - 0976-9323).

Evaluative Report of the Department of History

1. Name of the department : History
2. Year of Establishment: 1942
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 : N.A.
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:N.A.
8. Details of courses/programmes discontinued (if any) with reasons:N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	--	--
Associate Professors	1	1
Asst. Professors	3	3

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
DebaprasadBagchi	M.A.,M.ed, Ph.D.	Associate Professor	Ancient India	24 Yrs	Nil
Nirmal Kumar Hati	M.A. ,	Assistant Professor	Modern India	24 Yrs	Nil
SutapaSahaMitra	M.A., M.Phil	Assistant Professor	Ancient India	7 yrs	Nil
Akhil Sarkar	M.A.M.Phil	Assistant Professor	Medieval India	5 Year	Nil
TaramoniTarafdar	M.A.	Guest Lecturer	Medieval India	9 Year	Nil

11. List of senior visiting faculty:N.A.

12. Percentage of lectures delivered and practical classes handled(programme Wise) by temporary faculty: U.G.-15.4%, P.G.-N/A

13. Student -Teacher Ratio (programme wise): 86.5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:-
PG- 5, Ph. D. – 01, M.Phil -2

16. Number of faculty with ongoing projects from a) National b) International fundingagencies and grants received: NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and totalgrant received:

Sutapa Saha Mitra UGC funded MRP entitled ‘Ayurveda and Globalisation’ [Rs 96000] -2011

18. Research Centre /facility recognized by the University:NIL

19. Publications: 3

* a) Publication per faculty: 0.7

* 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 :NIL

* Chapter in Books: 2

Books Edited:

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

i. Ancient Indian ASystem of Rasayana : Suvarnatantra, Kalpaz Publishing house, ISBN : 978-81-7835-692,

ii. Ethnicity and Regional Politics of Eastern and North-East India, ISBN : 9788184541281, Low Price publishing.

iii. Concept of Wild Life and Forest in Early India, ISSN No. 0976-075-CL10

* SNIP:NIL

* SJR :NIL

* Impact factor : NIL

*H-index ::NIL

20. Areas of consultancy and income generated:NIL

21. Faculty as members in:NIL

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 :UG-81%,POST GRADUATE-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

National: NA 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	
2010-11(Honours)	414	119	95	24	88.63
2011-12(Honours)	607	131	96	35	93.55
2012-13(Honours)	508	137	95	42	74.73
2013-14(Honours)	473	143	105	38	81.73
2014-15(Honours)	318	122	88	34	73.0

B.A Genaral

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-2011 I/II/III	NA	136	110	36	81.35
		204	143	61	
		205	76	29	
2011-2012 I/II/III	NA	321	236	85	76.27
		224	172	52	
		126	91	35	
2012-2013 I/II/III		278	200	78	79.70
		205	140	65	
		54	42	12	
2013-2014 I/II/III		133	109	24	100.00
		68	42	26	
		90	72	18	
2014-2015 I/II/III		111	84	27	90.90
		56	46	10	
		49	33	16	

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	100%	0	0
PG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc:-Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	NA
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: YES

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility: NIL

d) Laboratories: NIL

31. Number of students receiving financial assistance from college, university, government or other agencies : Data Not Available

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

33. Teaching methods adopted to improve student learning: maps, charts and timelines are used extensively in the Honours classes

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

35. SWOC analysis of the department and Future plans

Strengths:

- Efficient faculty
- Good student-teacher relationship
- Arrangement of departmental seminar & examination frequently
- Many relevant books in Library
- Availability of soft copies of many books
- Facility of good computer lab

Weakness:

- Lack of sufficient number of class room
- Lack of sufficient number of bench in the class room
- Student performance in examination are to be improved.
- Students regularity in class are not good
- Economical background of students family are poor

Opportunities:

- Student-teacher ratio is good
- Student friendly environment
- Student-teacher relationship is very good

Challenges:

- Motivating the students.
- Stop early leaving of students in the midway of the course
- Help the student for building up good moral character

Future Planning:

- Provision for regular P.G. Courses.
- We intend to NET / SET coaching classes.
- We want to established a Departmental Museum.

Evaluative Report of the Department of Political Science

1. Name of the department: Political Science
2. Year of Establishment: 1942
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: N.A.
5. Annual/ semester/choice based credit system (programme wise): -Annual
6. Participation of the department in the courses offered by other departments: N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:N.A.
8. Details of courses/programmes discontinued (if any) with reasons:N.A.
9. Number of Teaching posts

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

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Debashis Das	M.A. in Political Science	Associate Professor	International Law	23 Yrs	Nil
Somenath Pal	M.A. in Political Science	Part Time Teacher	International Relations	22Yrs	Nil
Anita Roy	M.A. in Political Science	Part Time Teacher	Sociology	15 yrs	Nil
Subrata Das	M.A. in Political Science	Guest Lecturer	State and Local Politics in India.	06 Year	Nil

11. List of senior visiting faculty: N.A.

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

13. Student -Teacher Ratio (programme wise): 75:1

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. – 04 (PG)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: NIL

19. Publications: NIL

* a) Publication per faculty

- * 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 : NIL
- * Chapter in Books: NIL
- * Books Edited::NIL
- * Books with ISBN/ISSN numbers with details of publishers * : NIL 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::NIL
 - 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: UG

2010-2011

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	165	47	32	15	76.31
2 nd years Honours		39	26	13	
3 rd years Honours		33	19	14	

2011-2012

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	180	56	29	27	71.42
2 nd years Honours		41	28	13	
3 rd years Honours		36	22	14	

*** 2012-2013**

Name of the Course/Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	171	52	41	11	67.5
2 nd years Honours		42	20	22	
3 rd years Honours		29	18	11	

2013-2014

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	138	39	18	21	77.14
2 nd years Honours		31	24	07	
3 rd years Honours		38	22	16	

2014-2015

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
1 st years Honours	75	13	10	03	
2 nd years Honours		35	16	19	
3 rd years Honours		27	21	06	77.14

B.A (General):

Name of the Course/Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-2011 I/II/III	NA	790	457	333	
		796	380	416	
		333	179	164	
2011-2012 I/II/III	NA	1483	876	605	
		856	493	363	
		635	250	385	
2012-2013 I/II/III	NA	1961	1123	838	
		916	518	398	
		411	204	207	
2013-2014 I/II/III	NA	1705	1045	660	
		922	504	418	
		542	320	222	
2014-2015 I/II/III	NA	1714	1015	699	
		1109	632	486	
		774	458	316	

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	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Passed SLET and presently employed in full time Assistant Professor Post in College (degree) [during 2010-2015] - 2

29. Student progression

Student progression	Against % enrolled
UG to PG	
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: YES
- b) Internet facilities for Staff & Students: Available
- c) Class rooms with ICT facility: Nil
- d) Laboratories: NA

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

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

33. Teaching methods adopted to improve student learning:

Use of map is the one way to help the students understand their lessons on international relations and politics. Group discussions are often encouraged on some current topics of national and international significance.

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

The department acts as training centre of Youth Parliament Competition held in the District and State level annually. Under its training the College Youth Parliament Competition team participated several times in the district and State level College Youth Parliament Competition organised by the State of Parliamentary affairs and won many awards and medals

35. **SWOC analysis of the department and Future plans****Strengths:**

- Efficient and Dedicated faculty

- Good student-teacher relationship
- Many relevant books in Library
- Interest of the students in political Science.

Weakness:

- Lack of separate Departmental Space
- Poor Economic background of students' families.
- Three out of Four full time posts are vacant.
- Lack of supporting infrastructure like TV's and Projectors.

Opportunities:

- Student-teacher ratio is good
- Political Science as a subject encourages interdisciplinary studies as a result students can opt to choose Law, Public Administration, Sociology, International Relations and Law for higher studies after graduation if they are properly oriented.
- Centre for the coaching of civil service examinations may be started for interested students which will ultimately help them find Higher Positions in Governmental Sectors.

Challenges:

- Limited Job opportunities in Governmental Sectors and School Service.
- Electronic Media(Cell Phones, T.V., Internet et cetera) are distracting students from their study and Moral Values.
- Students coming from economically weaker backgrounds are mostly engaged in some sort of part-time and full-time jobs which are at odds with their time for study at the college and their homes.
- Poverty, illiteracy and numerous social problems of the students coming from the backwards and minority communities prevent them from the continuation of their studies, leading towards a large number of drop-outs every year.

Future Plans:

9. *To conduct state level and national level workshops and seminars.*
10. *Establishment of a new smart classroom.*
11. *Procurement of new teaching-learning aids, charts, diagrams and books.*
12. *Procurement of a new audio-visual system and a projector.*

Evaluative Report of the Department of Sanskrit

1. Name of the department : Sanskrit
2. Year of Establishment: UG -1942 & P.G. -2015(Regular Mode)
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :UG& P.G.
4. Names of Interdisciplinary courses and the departments/units involved : N.A.
5. Annual/ semester/choice based credit system (programme wise):UG -Annual & P.G. –Semester.
6. Participation of the department in the courses offered by other departments : N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:N.A.
8. Details of courses/programmes discontinued (if any) with reasons:N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	4	2

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

UG

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Soma Mondal	M.A., Ph.D.	Assistant Professor	Philosophy	2 years 6 months	Nil
Sri BiplabBagdi	M.A. ,B.Ed	Assistant Professor	Veda	2 years 6 months	Nil
Dr. Joydev Bhattacharya	M.A., Ph.D.	Part-time Lecturer	Indian Philosophy	7 Year	Nil
Smt. Swati Bhattacharya	M.A.	Part-time Lecturer	Veda	5 Year	Nil
Smt. Sampa Pal	M.A.	Guest Lecturer	Indian Philosophy	4 Year	Nil

PG

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Soma Mondal	M.A., Ph.D.	Assistant professor(invited lecture for PG)	Philosophy	1 years 6 months	Nil
Sri BiplabBagdi	M.A. ,B.Ed	Assistant Professor(invited lecture for PG)	Veda	1 years 6 months	Nil
Dr. Joydev Bhattacharya	M.A., Ph.D.	Part-time Lecturer(Guest lecture for PG)	Indian Philosophy	7 Year	Nil
Smt. Swati Bhattacharya	M.A.	Part-time Lecturer(invited lecture for PG)	Veda	5 Year	Nil
Dr. kumarnathBhattarcharya	M.A ,Ph.D	Guest Lecture for PG	Philosophy	40 Years	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Hemanta Bhattarcharya	M.A, Ph.D	Guest Lecture for PG	Kabya	35 years	Nil
Dr. Arun Kumar Chakraborty	M.A, Ph.D	Guest Lecture for PG	Kabya	35 years	Nil
Dr. Banomali pal	M.A, Ph.D	Guest Lecture for PG	Kabya	36 years	Nil
Dr. Bimal Gowsami	M.A, Ph.D	Guest Lecture for PG	Kabya	25 years	Nil
Sri Basudeb Ghosh	M.A,	Guest Lecture for PG	Kabya	10 years	Nil

11. List of senior visiting faculty: N.A.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: U.G.-15.4%, P.G.-80%

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

2011-12	Programme	Ratio
	1 st Year Honours	14.4:05
2012-13	1 st Year Honours	16:05
2013-14	1 st Year Honours	17.8:05
2014-15	1 st Year Honours	12.83:06
2015-16	1 st Year Honours	21:05

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

1. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:-
PG- 11, Ph.D-07

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NA

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NA

18. Research Centre /facility recognized by the University: NA

19. Publications: Nil

* a) Publication per faculty

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

* 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.) NA

* Monographs : NA

* Chapter in Books : NA

* Books Edited: NA

* Books with ISBN/ISSN numbers with details of publishers : NA

* Citation Index : NA

* SNIP: NA

* SJR : NA

* Impact factor

*: NIL h-index : NA

20. Areas of consultancy and income generated: NA

21. Faculty as members in: NA

a) National committees b) International Committees c) Editorial Boards.... : NA

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 NA

23. Awards / Recognitions received by faculty and students: NA

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

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

a) National Seminar in collaboration with Assnagar MMT college, on Puraner Nabanirmansamprotic sahitye` dated-24-25th June ,2015

b) State Level Seminar in our College on the topic “Kalidasha and Bhababhuti” dated on 18-19th November 2011, collaboration with Krishnagar Govt. College.

b) International :NA

26. Student profile programme /course wise:

UG (Hons)

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage	1 st Class
			*M	*F		
2010-11(Honours)	799	90	38	52	90.27	54
2011-12(Honours)	1032	103	30	73	96	47.5
2012-13(Honours)	762	112	53	59	89.8	30.3
2013-14(Honours)	750	113	77	36	98.5	32.08
2014-15(Honours)	431	114	87	27	88.8	25

UG (Gen)

Year	Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled	
				*M	*F
2010-2011 (Gen)	1 st year General	-	952	508	444
	2nd year General	-	993	512	481
	3rd year General	-	373	181	192
2011-2012 (Gen)	1 st year General		1380	757	623
	2nd year General		791	419	372
	3rd year General		649	252	397
2012-2013 (Gen)	1 st year General		1585	830	755
	2nd year General		841	424	417
	3rd year General		431	200	231
2013-2014 (Gen)	1 st year General		1714	920	794
	2nd year General		934	522	412
	3rd year General		530	302	228
2014-2015 (Gen)	1 st year General		1325	752	573
	2nd year General		961	512	449
	3rd year General		649	420	229

PG (Sanskrit)

Total post -40

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled	
			*M	*F
1 st year	78	33	08	25

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	100%	0	0
PG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. Not Available

29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	Data is not available
PG to Ph.D.	Data is not available
Ph.D. to Post-Doctoral	Data is not available
Employed •Campus selection •Other than campus recruitment	NA
Entrepreneurship/Self-employment	NA

30. Details of Infrastructural facilities

- Library: YES
- Internet facilities for Staff & Students: Nil
- Class rooms with ICT facility: NIL
- Laboratories :NIL

31. Number of students receiving financial assistance from college, university, government or other agencies: Data is not available
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: We organized one National Seminar, One State Level seminar, and Theo Departmental Seminar, That is – 1 Kalidasha and Bhababhuti 2011(State level Seminar and no2-‘PuranerNabaNirmanSamprotikSahitya’ (national seminar3-‘Abhingan ShakuntalamChitrakalpa’ on 13-10-10, and no 2-Sanskrit ‘AlamkaraShastraerUdbhab o Kramavikas’ on 13/1/11(Departmental Seminar)
33. Teaching methods adopted to improve student learning :We follow the Lecture method for our students and we have also adopted audio –visual teaching method.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:-Student of this department particaped all the extention activities of the college like NSS , NCC.Sports and Games ,Cultural Compition,PlantationProgramme,awarenessprogramme Distribution of Fruits among the patients on vidyasagar Birth And TirodhandibasAniversary and JPC Blind School at Nabadwip.
35. **SWOC analysis of the department and Future plans:**

Strengths:

- Students get ample opportunities to know the age old unique culture of mother India as Sanskrit literature is the thesauruse of all branches of knowledge of humanity.
- Highly motivated and competent faculty members.
- Efficient faculty
- Good student-teacher relationship
- Arrangement of departmental seminar & examination frequently
- Many relevant books in Library
- Students’ regularity in classes are good and Results also very good.
- Post Graduate Department of Sanskrit regular Course semester system are running from in this year 2015 in our College under the University of Kalyani.
- Availablity of soft copies of many books
- A separate Building for PG in Sanskrit

Weakness:

Teaching posts lying vacant in the department makes syllabus completion extremely difficult for the existing faculty.

- Lack of sufficient number of class room
- Lack of sufficient number of bench in the class room
- Student performances in examination are to be improved.
- Economical background of students’ family are poor

Opportunities:

- Student-teacher ratio is good
- Student friendly environment
- Student-teacher relationship is very good

- Utilize the programme like Seminar, Excursion, Arrangement of various programme like teachers day celebration
- Challenges
- To unearth the hidden treasure of our ancient knowledge systems encoded in millions of unpublished manuscripts available today throughout the world.:
 - Motivation the students
 - Stop early leaving of students in the middle of the course.
 - Help the student for building up good moral character
 - Infrastructure being insufficient, increased no of seats are creating a huge disparity in the student teacher ratio
 - Leading to a number of problems in the classroom teaching process
 - Students are not inclined to reference work due to their undue bias towards vocational education.
 - The majority of students do not have any interest towards the attending of seminars and the regular perusal of literary journals and periodicals.
 - Non availability of online study programmes.
 - Non availability of exclusively allotted rooms for the departments are leading to a number of problems in the teaching learning process.
 - Non availability of interested students for the spoken Sanskrit course .

Future Plans :

1. *To conduct state level and national level workshops and seminars.*
2. *Establishment of a new smart classroom.*
3. *Procurement of new teaching-learning aids, charts, diagrams and books.*
4. *Procurement of a new audio-visual system and a projector.*

Evaluative Report of the Department of Philosophy

1. Name of the department : PHILOSOPHY
2. Year of Establishment : 1942
3. Names of Programmes/ Courses offered (UG, PG, M.Phil, PhD, Integrated Masters, Integrated Ph.D., etc.) : UG
4. Names of Interdisciplinary courses and the departments / units involved : NA
5. Annual / semester / choice based credit system (programme wise) : Annual.
6. Participation of the department in the courses offered by other departments : Offered as a general paper for other Hons (Arts) subject.
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 02	Filled 02
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	02	02

N.B. : GUEST LECTURER: 02

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

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph. D Students guided for the last 4 years
B.Burman	MA, M PHIL, Ph. D.	ASST. PROF.	LOGIC.	14 years	NIL
S. Das	M.A., M.PHIL	ASST. PROF.	NYAYA	7 years	NIL
D. Chowdhury	M.A.	GUEST LECT	NYAYA	6 years	NIL
S.Roy	M.A., M.PHIL	GUEST LECT	VEDANTA	4 years	NIL

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : N.A.
13. Student – Teacher ratio (programme wise) : 51:1

14. Number of academic support staff (technical) and administrative staff : sanctioned and filled : N.A.
15. Qualification of teaching faculty with DSc / D.Litt / Ph.D / M.Phil / PG :
Ph.D., - 01,
M. PHIL - 02
P.G.- 01
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : D/Phil:02
17. Departmental projects funded by DST – FIST : UGC, DBT, ICSSR, etc., and total grants received : NIL
18. Research Centre / facility recognized by the University : N.A.
19. Publications : Nil
- a) Publication per faculty :
- b) Number of papers published in peer reviewed journals (national / international by faculty and students : N.A.
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, FBSCO host, etc.,)
 - Monographs : N.A.
 - Chapter in Books : N.A.
 - Books Edited : N.A.
 - Books with ISBN / ISSN numbers with details of publishers : NA
 - Citation Index : NA
 - SNIP : NA
 - SJR : NA
 - Impact factor : Enrichment of academic world
 - h- index : NA
20. Areas of consultancy and income generated : NA
21. Faculty as members in :
- a) National committees b) International Committees c) Editorial Boards : NA.
22. Student projects.: Yes
- a) Percentage of students who have done in-house projects including inter departmental / programme : 100 %

b) Percentage of students placed for projects in organizations outside the Institution i.e. in Research laboratories / Industry / other agencies. : 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)		Applica receiv	Selected	Enrolled		Pass Percentage
				* M	* F	
2010-2011	B.A.Hons	480	40	17	23	91.6
2011-2012	B.A.Hons	476	49	28	21	91.6
2012-2013	B.A.Hons	404	56	29	27	66.6
2013-2014	B.A.Hons	314	43	23	20	44
2014-2015	B.A.Hons	250	47	23	24	50

27. Diversity of students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLFT, GATE, Civil services, Defense services, etc ? : Nil

29. Student progression :

Student progression	Against % enrolled
UG to PG	20% approx
PG to M. Phil.	Not Available
PG to Ph.D.	Not Available
Ph.D. to Post-Doctoral	Not Available
Employed	Not Available

<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship / Self-employment	Not Available

30. Details of Infrastructural facilities:

- a) Library : YES
- b) Internet facilities for Staff & Students : Yes
- c) Class rooms with ICT facility : NA
- d) Laboratories : NA (Not a laboratory based subject)

31. Number of students receiving financial assistance from college, university, government or other agencies : Ref. Cr-V

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

33. Teaching methods adopted to improve student learning : arrangement of special classes for the weak students

34. Participation in Institutional Social Responsibility (ISR) and extension activities: Extension activities like NCC, NSS, Sports & Games, Blood donation Camp.

35. SWOC analysis of the department and Future plans.

Strength

1. The department has rich collection of valuable books in the departmental library.
2. The department has a steady flow of students.
3. We organize departmental seminars with the students.
4. We publish a yearly Wall-Magazine 'Dishari' with the help of our departmental students.
5. A class test system has been introduced for the betterment of the students.

Weakness

1. The department has an adverse student- teacher ratio i.e. number of students per teacher is high.
2. The response of their guardians is inadequate in the parent- teacher meetings.
3. Lack of departmental space
4. Lack of Job Opportunities.

Opportunities

1. Oriental Philosophy has the potential to bloom fully in the sacred town of
2. Nabadwip which already has a historical heritage of divinity related studies.
3. Philosophy has the potential to further the cause of value based education.
4. Philosophy, with its' intrinsic emphasis on psychology has the potential to transform an individual through counselling.

Challenges

1. To persue quality teaching by creating meaning and relevance in teaching learning situation with limited resources
2. To maintained an ambiance fully comfortable for the female students.

3. To adopt strategies which would help the department rest assured that the way we teach is appropriate. It will be a further impetus to our endeavour.

FUTURE PLANS

1. If the student's turnout can be increased then the tremendous potential of the said students can be fully utilized and properly channeled.
2. The departmental library can be enriched further which would be for greater help to the students & teachers as well.
3. Educational tours can be arranged with the departmental students if there is a whole hearted co-operation among the student and the teacher.

Evaluative Report of the Department of Education

1. Name of the department : Education
2. Year of Establishment: 2009
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :B.A. (H), B.A. (G)
4. Names of Interdisciplinary courses and the departments/units involved : N.A.
5. Annual/ semester/choice based credit system (programme wise):UG -Annual
6. Participation of the department in the courses offered by other departments : N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:N.A.
8. Details of courses/programmes discontinued (if any) with reasons:N.A.
9. Number of Teaching posts

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	--	--
Guest.Lecturer	--	4

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Sudhangshu Mondal	M.A. in Education, B.ed	Guest Lecturer	Teacher Education	5	Nil
Abdur Rouf Shamim	M.A. in Education, B.ed	Guest Lecture	Teacher Education	4	Nil
Abdul Latif Sk	M.A. in Education, B.ed	Guest Lecture	Teacher Education	1.5	Nil
Serina Parvin	M.A. in Education, B.ed	Guest Lecture	Educational Technology	1.5	Nil

11. List of senior visiting faculty: N.A.
 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: U.G.-100%
 13. Student -Teacher Ratio (programme wise): 114: 01
 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.-M.A-04
 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: 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 :NIL

*Chapter in Books :NIL

* Books Edited::NIL

* Books with ISBN/ISSN numbers with details of publishers * :NILCitation

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::NIL

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 agenciesNIL

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: UG

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-11(Honours)	153	30	23	07	Not Applicable
2011-12(Honours)	201	35	25	10	94.44
2012-13(Honours)	383	39	27	12	92.85
2013-14(Honours)	383	38	13	25	86.20
2014-15(Honours)	260	47	17	30	83.78

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	100%	0	0

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	Data Not Available
PG to M.Phil.	Data Not Available
PG to Ph.D.	Data Not Available
Ph.D. to Post-Doctoral	Data Not Available
Employed •Campus selection •Other than campus recruitment	
Entrepreneurship/Self-employment	Data Not Available

30. Details of Infrastructural facilities

a) Library: YES

b) Internet facilities for Staff & Students : Nil

c) Class rooms with ICT facility : Nil

d) Laboratories : NA

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

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

33. Teaching methods adopted to improve student learning:

Use of Educational models helps the students to understand their lessons on Educational Theory and Psychology . Group discussions are often encouraged on some current topics of National and International significance.

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

35. SWOC analysis of the department and Future plans

Strengths:

- Efficient and Dedicated faculty
- Good student-teacher relationship
- Many relevant books in Library
- Interest of the students in Education.

Weakness:

- Lack of permanent teacher
- Lack of separate Departmental Space
- Poor Economic background of students' families.
- Lack of supporting infrastructure like TV's and Projectors.

Opportunities:

- Student-teacher ratio is good.
- Student friendly environment

Challenges:

- Limited Job opportunities in Governmental Sectors and School Service.
- Poorly motivated students.
- Distraction caused by Electronic Media (Cell Phones, T.V., Internet et cetera) are pulling students from their study and Moral Values.

Future Plans :

13. To conduct state level and national level workshops and seminars.
14. Establishment of a new smart classroom (With a new audio-visual system and a projector).
15. Procurement of new teaching-learning aids, charts, diagrams and books.

Departmental Profile of Economics

1. Name of the Department: **Economics**
2. Year of Establishment: 1942
3. Name of Programmes/Courses offered (UG, PG, M.Phil, Ph.D, Integrated Masters, and Integrated Ph.D. etc): UG (Honours and General)
4. Names of Interdisciplinary courses and the departments / units involved: Departments of Commerce Units: Business Economics and Game Theory.
5. Annual /semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments:
 Department of Commerce: Economics & Business Economics.
 Department of Environmental Science: Environmental Economics.
7. Courses in collaboration with other universities, industries, foreign institution, etc: NA
8. Details off courses/programmes discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	Filled
Professors	0	0
Associate Professors	02	02
Asst. Professors	1	01

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

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D Students guided for the last 4 years
Badal Kumar Dutta	M.A.	Associate Professor	Econometrics	26 years	Nil
Sangita Dutta	M.A.	Associate Professor	Econometrics	21 years	Nil
Dr. Anup Kumar Saha	Ph.D	Assistant Professor	Econometrics & Mathematical Economics	7 years	Nil

11. List of senior visiting faculty: Nil

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

13. Student –Teacher Ratio (programme wise):10 : 3

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualification of teaching faculty with DSc/D. Lit/Ph.D/ MPhil/PG:

Ph.D = 1(one), PG = 2(two).

16. Minor Research Project: 1(one).

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc and total grants received: Nil

18. Research Center/ facility recognized by the University: NA

19. *Publications:

A) Publication per faculty

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

List of publication of all the faculty members are provided below:

Badal Kumar Dutta: Nil.

SangitaDutta: Nil.

Dr.Anup Kumar Saha: 14 (See annexure I)

- Monographs: Nil
- Chapter in Books: 3
- Books Edited: Nil
- Books with ISBN/ISSN numbers with details of publishers: Nil
- Citation Index: 03
- SNIP
- SJR
- Impact factor
- h-index: 01

20. Areas of consultancy and income generated: Nil.

21. Faculty as members in

a) National Committies: Nil

b)International Committees: Nil

c) Editorial Boards : Nil

c) Editorial Boards Student projects

- a) Percentage of students who have done in-house projects including inter departmental /programme: 100 per cent (as a part of course or syllabus)
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/other agencies: Nil

22. a) Student Project: % of students who have done in house projects including interdepartmental/programme: 100 per cent.

b) % of Students placed for projects in organizations outside institution i.e. in research laboratories/ industries/other agencies: Nil.

23. Awards/ Recognitions received by faculty and students:

Faculty:

Dr. Anup Kumar Saha: Certified Resource Person, Securities and Exchange Board of India(SEBI)

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

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

See ANNEXURE - I

26.Student profile programme/coursewise:
General

Year	Ist year			IInd Year			IIIrd Year			Pass percentage
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
2010-11	63	07	70	54	12	66	17	13	30	81.35
2011-12	57	15	72	54	11	65	53	16	69	76.27
2012-13	59	16	75	31	10	41	10	00	10	79.70
2013-14	44	11	55	26	09	35	15	00	15	72.65
2014-15	38	15	53	18	07	25	04	01	05	77.35

Honours

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-11(Honours)	-	-	-	-	-
2011-12(Honours)	-	-	-	-	-
2012-13(Honours)	12	01	0	1	Not yet completed
2013-14(Honours)	18	04	04	0	Not yet completed
2014-15(Honours)	21	03	02	01	Not yet completed

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
BA Honours	100%	0%	0%
BA General	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence Services etc: 2

29. Student progression: NA

30. Details of Infrastructural facilities

a) Library: (i) Central Library and (ii) Departmental Library.

b) Internet facilities for staff and Students: Nil

c) Class rooms with ICT facility: Nil.

d) Laboratories: Nil.

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

32. Details of student enrichment programs (special lectures/ workshops/seminar) with external experts:

(i) Students' seminar is organized by the department in every year with the help of college fund.

(ii) Publication of wall magazine is done by the students of the department every year.

33. Teaching methods adopted to improve student learning:

Along with conventional "Chalk and Talk" lecture method we also practice audio visual teaching methods with help of OHP, computers and LCD.

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

Our faculty and students actively participate in different extension programs organized by different organs of the institution such as NCC and NSS. Dr Anup Kumar Saha, faculty of our department is acting as programme officer of NSS Unit of the College at present. He is also engaged in spreading financial education for the common people under the aegis of Securities and Exchange Board of India

35.SWOC analysis of the department and Future plans:

Strength

Followings are the strengths of the Department of Economics, NabadwipVidyasagar College:

- Department of Economics, NabadwipVidyasagar College, is not only one of the oldest departments of the college but also in the Nadia district in West Bengal. The basic strength of our department is the faculty strength. We have 75% of the total faculty strength sanctioned for our department which is perhaps the best among all the faculties in our college. Student-teacher ratio at Honours level is the highest in our department among all the departments in our college. Not only that half of the faculty members of our department have more than 20 years of teaching experience.
- One of our young faculty members is running a minor research project on stock market sponsored by University Grant Commission.
- One of our faculty members is the certified resource person of the reputed regulated body such as SEBI.
- Department of Economics has recently opened the three years Honours course in Economics.
- Department of Economics owns a standard departmental library with regular online contribution on recent development from its faculty.
- We have engaged our students in collecting primary data to complete their students' research project so that they can get the feel of the real economic behaviour of the individual and society at large.
- We also guided our students to participate in the seminar not only in our department but also in other social science department such as Political Science or History.
- We have an intimate relationship with the department of Commerce so that we can take a broad view in teaching our subject to our students.
- We are going to organize a National seminar sponsored by UGC along with the Commerce department.
- We are still under capacity utilized. It is our one of the most important strengths as we can expand. Expansion be it in terms of more students allocation or opening up a new applied department such as management is easily possible for us because of underutilized infrastructure.

Weakness

- As of now we don't have access to our required journals except the Economic and Political Economy.
- Books in the library both departmental as well as in the Central Library are very much inadequate. We are very much suffering fund crisis in this regard.
- We have approached several times to think over changes in the syllabus but all efforts are in vain. So we have to go through the age-old practice of teaching

classical. The subject Economics has run a lot during the last decade but our syllabus is still looking behind.

- We can't arrange excursion for our students because of lack of fund. It is required a dedicated internship in an industry for our students. But we can't arrange it because of restricted approach both of our fund and syllabus.
- We don't have a separate faculty room in our college. It is very much detrimental towards our faculty research.
- Because of lack of time, as UGC has dismissed the two preparatory days system and excessive class load structure, running research project and consultancy have become next to impossible for the teaching faculties.
- Classrooms are not updated to the modern technology. So we are compelled to teach our students using the old methods.
- As we don't have any individual faculty institutional e-mail-id such as Google – Scholar. So we lack citation of our research.

Opportunities

- Our opportunities lie on our strengths. As we have a very strong faculty so we can tap the any future expansion plan in future say we can introduce any diploma course or can think of opening up a new management course.
- We can work on to develop some in-house projects on local issues such as urban development plan in collaboration with the municipality or financial inclusion projects in collaboration with established financial houses such as lead banks etc.
- As our three years duration honours course is in the nascent stage so it will accommodate more and more students in future.
- As one of our faculty member is attached with the highest regulatory body of stock market in India so we can arrange financial education program sponsored by SEBI in our department as well as in our college in future. Even we can spread this further in our district in future as it is done earlier in different parts of our district.

Challenges

- We are facing a typical structural challenge for the last five years. The challenge is that the increasing lack of demand of the subject. Students prefer other subjects within the domain of the arts faculty than Economics. The reason behind this is primarily job prospect. Most of the students of our college are from middle and low income group families. So they can't think of any costly professional course after their graduation. Not only that they want early jobs to support their family and so they dream a job in a school. But Economics as a subject is absent at secondary level in West Bengal board.
- Another severe structural challenge before us is teaching Economics to the students who don't have advanced mathematical knowledge. As it is a very established fact that Modern Economics has very intricate relation with

Mathematics. So students without Mathematics as one of their general preference wither away sooner or later.

- As we have already mentioned in our weakness that we are lack of fund. So we have to move with limited supply of journals, books and other infrastructure.
- We have to conduct our research project within very time constraint because of heavy work load and not getting any extra time allowance for the ongoing research project.
- We are teaching a very evolving science within the very restricted domain of the age-old syllabus using the out-dated teaching learning methodologies.

Dr. Anup Kumar Saha

Research Projects:

A Minor Research Project of U.G.C. on Indian stock market is running.

- ❖ Year:2014
- ❖ Grant Sanction:1,60,000(Rs. One Lac and Sixty Thousand only)
- ❖ Grant Received:1,52,000(Rs. One Lac and Fifty Two Thousand only)
- ❖ Duration: Two years
- ❖ Funding Agency: UGC

List of Publications:

2008

1. With Dr. SreelataBiswas “**A Comparative Assessment of FDI Inflows in India and China,**” *Look East*, Vol.-2, 2008.

2009

2. With Dr. AmitBhandary and Dr. SreelataBiswas “**Access to Finance and Poverty Alleviation: An Assessment,**” *ArthaBeekshan* ,Vol.18 (3), December 2009.

2010

3. With Dr. Pranab Nag, “**Project Appraisal, Environmental Accounting and Sustainable Development**”, in edited book titled *Environment and Sustainable Development* , Deep and Deep, Delhi, 2010.

2012

4. With Dr. ByasdebDasgupta, “**Growth Volatility and Service-led Growth in India- An Empirical Analysis**”, *TheManagement Accountant*, Vol.47, No. 9, September, 2012.

5. With Dr. SreelataBiswas, “**Performance of Indian Bank Stocks during the Recent Phase of Monetary Tightening: An Empirical Assessment**”, *Look East*, Vol. 4, 2012.

6. With Dr. ByasdebDasgupta, “ **Macroeconomic Fundamentals and Exchange Rate Volatility during the Floating Exchange Rate Regime in India**”, *Perspective on Management*, Vol.4, No.9 &10, October 2012.

2013

7. With Dr. SreelataBiswas, “**Macro-dynamics, Stock Market and Mutual Fund Industry: An Empirical Analysis Using Error Correction Model in Indian Context**” , in *Mutual Funds, Retail Investors and SEBI* (Eds.) Dr. Sujit Kumar Das, Dr. Pankaj Kumar Roy and Dr. AnupamKarmakar, SPS Education India Pvt. Ltd.: Kolkata, January,2013.

8. With Dr. SreelataBiswas, “**Current Economic Slowdown in India: An Empirical Analysis**”, *The Management Accountant*, Vol.48, No. 2, February 2013.

9. With Dr. SreelataBiswas, “**Macro Dynamics and Performance of Indian Stock Market: An Empirical Analysis Using Higher Mathematical Techniques**”, in *Uses of Technology in Mathematics Education* (Eds.) Tanima Roy, SSCE Publication, 31st March, 2013.

2014

10. With Dr. SreelataBiswas, “**Structural Transformation of Rural Finance in India: A Critical Review**”, Dr. Amit Kumar Bhandari and Ashok Kundu edited *Microfinance, Risk-taking Behaviour and Rural Livelihood*, Springer, 2014.

11. With Dr. SreelataBiswas, “**Macroeconomic Fundamentals and Exchange Rate Volatility during the Floating Exchange Rate Regime in India**”, *International Journal of Economics and Management*, Vol. 8, No.1, June 2014

12. With Dr. ByasdebDasgupta, “**A Critical Assessment of Price Volatility in India – An Application of GARCH Model**”, *Kalyani University Journal of Economics*, Vol.1, No.1, May 2014.

13. With Dr. SreelataBiswas, “**Foreign Direct Investment and Technology Transfer: An Analytical Review**”, *The Asian Economic Review*, Vol.56, No.2, June 2014.

14. With Dr. SreelataBiswas, “**Macroeconomic Determinants of Economic Growth in India: A Time series Analysis**”, *SOP Transactions on Economic Research*, Vol.1, No.2, June 2014

Any other relevant information regarding Research, Consultancy and Extension:

- i. Invited for attending Winter School program on “Finance and Macro economy after the Global Financial Crisis” during 22.12.2015.-03.01.2016.organized by International Centre for Theoretical Science – Tata Institute for Fundamental Research at Bengaluru.
- ii. I have arranged a number of financial education workshop in different parts of Nadia district under the aegis of SEBI for different groups of people such as students, working executives etc.
- iii. I have been invited in different occasions by FICCI for developmental policy analyses.



With Professor Garry Dymisky, University of Leeds, at ICTS, Bangalore at Winter School of Finance

**EVALUATIVE REPORT OF
THE DEPARTMENT OF PHYSICS**

1. Name of the department : Physics
2. Year of Establishment : 1942 (General Course) & 2009 (Honours Course)
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: N.A.
5. Annual/ semester/choice based credit system (programme wise) : Annual (UG)
6. Participation of the department in the courses offered by other departments:
Mathematics & Chemistry
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

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	04	04

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
Sri Pravash Mandal	M.Sc.	Assistant Professor	Electronics	14 yrs. and 3 months	Nil
Sri Nirmalendu Ganai	M.Sc	Assistant Professor	Nuclear Physics	5 yrs. and 8 months	Nil
Sri Rajkumar Mandal	M.Sc	Assistant Professor	Quantum Electronics	8 months	Nil
Sri Ashim Kumar Biswas	M.Sc	Assistant Professor	Solid State Physics	8 months	Nil
Smt Nidarshana Guha	M.Sc, M.Ed.	Part Time Teacher	Bio-Physics	5 yrs. and 3 months	Nil

11. List of senior visiting faculty : N.A.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : N.A.
13. Student -Teacher Ratio (programme wise) :
B.Sc. Physics Honours: 68 : 5, B.Sc(Gen): 306:5

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
 Support Staff: Sanctioned – 03, Filled – 01
 Administrative Staff: Sanctioned – Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: PG – 05
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil
 Minor Research Project: Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Center /facility recognized by the University : Nil
19. Publications:
 - * Publication per faculty: 1.40
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students: 07
 - * 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.): 03
 - * Monographs: Nil
 - * Chapter in Books: Nil
 - * Books Edited: Nil
 - * Books with ISBN/ISSN numbers with details of publishers: Nil
 - * Citation Index: 18 (Citation)
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact factor: 12.782
 - * h-index: 2
20. Areas of consultancy and income generated : Nil
21. Faculty as members in: Nil
 - a) National committees b) International Committees c) Editorial Boards
22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme: 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:
 - ❖ Paper of Nirmalendu Ganai (Chromosome positioning from activity-based segregation, Nucleic Acid Research 42, 4145) has been highlighted in the internationally prestigious “Journal Club for Condensed Matter Physics” with a commentary by eminent scientist Prof. Jean-Francois Joanny, ESPCI, Paris, on January, 2015.
 - ❖ Mr. Nirmalendu Ganai got a Postdoctoral Position at Forschungszentrum Jülich GmbH, Jülich, Germany for one year starting from 15th January, 2016 to 14th January, 2017.

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)		Application received	Selected	Enrolled		Pass Percentage	Session
				Male	Female		
B.Sc. Physics (Hons.)	1 st year	140	14	12	02	N.A.	2010-11
	2 nd year		10	09	01		
	3 rd year		NA	NA	NA		
B.Sc. (Gen)	1 st year	159	159	143	16	60.00	
	2 nd year		77	64	13		
	3 rd year		02	02	00		
B.Sc. Physics (Hons.)	1 st year	208	21	16	05	85.71	2011-12
	2 nd year		14	12	02		
	3 rd year		08	07	01		
B.Sc. (Gen)	1 st year	168	168	134	34	100.00	
	2 nd year		83	74	09		
	3 rd year		06	04	02		
B.Sc. Physics (Hons.)	1 st year	293	24	18	06	50.00	2012-13
	2 nd year		16	12	04		
	3 rd year		12	12	00		
B.Sc. (Gen)	1 st year	181	181	141	40	71.43	
	2 nd year		78	59	19		
	3 rd year		14	11	03		
B.Sc. Physics	1 st year	186	23	19	04	54.16	2013-14

(Hons.)	2 nd year		13	10	03		
	3 rd year		16	13	03		
B.Sc. (Gen)	1 st year	185	185	165	20	75.00	
	2 nd year		102	82	20		
	3 rd year		09	02	07		
B.Sc. Physics (Hons.)	1 st year	254	30	26	04	44.44	2014-15
	2 nd year		14	12	02		
	3 rd year		24	21	03		
B.Sc. (Gen)	1 st year	181	181	151	30	90.32	
	2 nd year		97	85	12		
	3 rd year		28	22	06		

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. (Hons.) in Physics	100.00	Nil	Nil
B.Sc. (General)	100.00	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	Data not available
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
Employed	Data not available
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities

a) Library: Yes, few books are available for class room reading only and not for home lending.

b) Internet facilities for Staff & Students: Yes

We have only one computer in our department with internet facility for staff and students.

- c) Class rooms with ICT facility: Nil
 d) Laboratories: 4 Laboratories
31. Number of students receiving financial assistance from college, university, government or other agencies:

Academic Session	Number of students receiving financial assistance
2010 – 2011	05
2011 – 2012	08
2012 – 2013	08
2013 – 2014	18
2014 – 2015	20

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil
33. Teaching methods adopted to improve student learning: Along with conventional lecture method we also sometimes adopt audio visual teaching method.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Our faculty and students actively participate in different extension programmes organized by different organs of the institution.
35. SWOC analysis of the department and Future plans:

The department of Physics was established in 1942 and was recognized by the Calcutta University. Since then the department had been offering B.Sc. (Gen.) in Physics until 2009. In 2009, the B.Sc. (Hons.) in Physics was introduced in this department and it was recognized by the University of Kalyani. It is to be mentioned that the College had been re-affiliated to the University Kalyani in 2000 and the department of Physics now conducts both B.Sc. (Hons.) and B.Sc. (Gen.) course in Physics. The annual result of this department is satisfactory on the whole all along.

Strength:

- iv. The teaching staffs of this department have profound knowledge on different specializations such as Electronics, Nuclear Physics, Solid State Physics, and Quantum Electronics etc. to provide latest information to the students.
- v. We organize departmental seminars. Students participate in this seminar and deliver talks on different modern and important topics in Physics using power point presentation. Faculties of different departments as well as the students take part in the departmental seminar and encourage the students. The students learn to browse the internet and prepare PPT slides during this programme. The participation of the students in departmental seminar

helps them to develop their communication skills and soft skills also.

- vi. We publish annual departmental wall magazine regularly with the help of the students of our department. Students actively participate in the publication of the magazine by contributing different interesting articles in the same. This helps them to unfurl their inner faculties and potentialities.
- vii. The first year students admitted in B.Sc. (Hons.) course in Physics are generally lack in practical knowledge. So we are to arrange several practical classes every year to equip them (for further higher practical classes) with the fundamental knowledge in practical field.

Weakness:

- i. We need extra practical room for optical experiments. There is lack in classroom for theory classes also. we request to the college authorities to solve these problems.
- ii. At present there is shortage of both teaching and non-teaching staff. We solicit the favour of the college authorities to take necessary measures to rectify those deficiencies.

Opportunity:

- i. We encourage the students of this department to participate in quiz contest organized by the college.
- ii. The students of this department take part in annual sports and other programmes like NCC, NSS etc.
- iii. We encourage the students to participate in educational tours in different renowned institutions like Science city, Birla planetarium, SINP etc.
- iv. We arrange special classes to help the retarded students to rectify their deficiencies.

Challenge:

- i. We are helpfull to arrange a national seminar in Physics with the help of UGC in our Department in future.
- ii. We also plan to initiate “Faculty exchange programme” among the faculties of nearby colleges.

Future Plan:

- i. Apart from conventional lecture method we intend to introduce audio-visual aids to teach students on regular basis. For this, we require a LCD projector, computer, screen etc. For this purpose we solicit the favour of the college authorities, government and other agencies for financial assistance.
- ii. The laboratories of our department are not well-equipped. We wish to make our laboratories well-equipped in future by purchasing more instruments for laboratories as well as books for our departmental

library also. We call attention of the college authorities and other agencies (UGC) to provided this department sufficient fund for this purpose.

- iii. We don't have any smart class room in our department at present due to insufficient fund. We will try to build up at least one smart class room in near future with the help of financial assistance from different sources.

DETAILED LIST OF PUBLICATION BY THE FACULTY

SHRI PRAVASH MANDAL

Papers published in refereed journals:

1. "Applications of Boolean Algebra in Digital Electronics: An Overview", P. Mandal, Edulight, **4**, 7, 223-230, (2015), ISSN- 2278-9545.
2. "Basic Concepts of Fiber-optic Communication", P. Mandal, Contemporary Research in India, **5**, 2, 1-5 (2015), ISSN-2231-2137.
3. "Fundamentals of Liquid Crystals and Applications: an Overview", P. Mandal, Contemporary Research in India, **5**, 3, 1-7 (2015), ISSN-2231-2137.
4. "Introduction to Superconductivity and High Tc Super conductors", P. Mandal, Contemporary Research Spectrum, **1**, 1, 85-92, (2015) ISSN-2454-8987.

SHRI NIRMALENDU GANAI

Papers published in refereed journals:

1. "Chromosome Positioning from Activity-based Segregation" Nirmalendu Ganai, Surajit Sengupta and Gautam I. Menon, Nucleic Acids Research, (2014) 42 (7): 4145-4159.
2. "Colloidal particles in a drying suspension: A phase field crystal approach", Nirmalendu Ganai, Arnab Saha and Surajit Sengupta, Eur. Phys. J. E, (2013) 36 : 90.
3. "Phase field crystal model of drying induced ordering of colloidal droplet", Nirmalendu Ganai, Arnab Saha, Surajit Sengupta, Journal of Physics: Conference Series, (2011) 319, 012016.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF CHEMISTRY**

1. Name of the Department: Chemistry
2. Year of establishment: 1942 (General Course) & 1984 (Honours Course)
3. Name of Programmes/ courses offered (UG, PG, M.Phil, Ph.D, Integrated Masters, Integrated Ph.D etc.): UG
4. Name 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: Physics, Mathematics, Botany, Zoology & Environmental Science.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reason: N.A.
9. Number of teaching posts: Seven (7)

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professor	03	03; (1 On lien)
Assistant Professor	04	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 experiences	No of Ph.D Students guided for the last 4 years
Dr. Mausumi Roy Chowdhury	Ph.D	Associate Professor	Organic Chemistry	18 Years	Nil
Dr. Rupali Choudhuri (On lien)	Ph.D	Associate Professor	Physical Chemistry	17 Years	Nil
Dr. Monojit Ray	Ph.D	Associate Professor	Inorganic Chemistry	17 Years	Nil
Sri Pankaj Sarkar	M.Sc.	Assistant Professor	Analytical Chemistry	7 Years	Nil
Dr. Bhaskar Chatterjee	Ph.D	Assistant Professor	Organic Chemistry	9 Months	Nil
Dr. Soma Seth (Duley)	Ph.D	Assistant Professor	Physical Chemistry	9 Months	Nil

11. List of senior visiting faculty: Nil

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

13. Student –Teacher Ratio:

B.Sc. Chemistry Honours: 16.4 : 1

14. Number of academic support staff (technical) and administrative staff, sanctioned and filled:

Administrative Staff : Nil

Technical Staff: Sanctioned Posts – 4

Filled up Post – 1

Temporary staff – 2

15. Qualifications of teaching faculty with D.Sc./D.Litt. /Ph.D. / M. Phil. /PG:

Ph.D. – 05; PG – 01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 01

Name: Dr. Monojit Ray

Title of the Minor Research Project:

Correlation among Flora, Fauna with Soil quality and Physico-chemical parameters, Ion concentration of river water: A study on biodiversity of river Jalangi.

Funding agency: UGC

Total grant received: Rs. 2,40,000/-

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, and total grants received etc.: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- * Publication per faculty: 2.33
- * Number of papers published in peer reviewed journals (national / international) by faculty and students: 12
- * 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.): 04

- * Monographs : Nil
- * Chapter in Books : Nil
- * Books Edited : Nil
- * Books with ISBN/ISSN numbers with details of publishers : Nil
- * Citation Index: Nil
- * SNIP: Nil
- * SJR: Nil
- * Impact factor: 6.245
- * 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 Student projects:

Dr. Monojit Ray: Fellow of ICS & Life Member of IACS

Dr. Rupali Chaudhury: Life Member of IACS

Dr. Mausumi Roychowdhury: Member of UG Board of Studies, University of Kalyani.

22. a) Percentage of students who have done in-house projects including inter departmental/programme: 100% students undertake ENVIS project

b) Percentage of students placed for projects in organizations outside the institutions in Research laboratories/Industry/other agencies: 3 students

23. Awards/ Recognitions received by faculty and students:

Faculty: Dr. Soma Seth (Duley)

- i) Professor Santi Ranjan Palit Award, Indian Chemical Society, 2010.
- ii) Certificate of Merit in Sir Acharya Prafulla Chandra Ray Memorial Symposium, Indian Chemical Society, 2010.

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: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)		Application received	Selected	Enrolled		Pass percentage	Session
				Male	Female		
B.Sc. Chemistry (Hons.)	1 st year	293	23	22	01	88.24	2010-11
	2 nd year		19	13	06		
	3 rd year		17	14	03		
B.Sc. (Gen)	1 st year	124	124	101	23	60.00(Pure) 88.89(Bio)	
	2 nd year		20	15	05		
	3 rd year		12	12	00		
B.Sc. Chemistry (Hons.)	1 st year	237	23	16	07	92.31	2011-12
	2 nd year		22	21	01		
	3 rd year		11	06	05		
B.Sc. (Gen)	1 st year	262	262	204	58	100.00(Pure) 77.78(Bio)	
	2 nd year		153	120	33		
	3 rd year		15	12	03		
B.Sc. Chemistry (Hons.)	1 st year	251	33	23	10	64.29	2012-13
	2 nd year		13	08	01		
	3 rd year		19	18	01		
B.Sc. (Gen)	1 st year	320	320	246	74	71.43(Pure) 75.00(Bio)	
	2 nd year		148	107	41		
	3 rd year		34	25	09		
B.Sc. Chemistry (Hons.)	1 st year	303	31	25	06	60.00	2013-14
	2 nd year		23	16	07		
	3 rd year		12	10	02		
B.Sc. (Gen)	1 st year	314	314	249	65	75.00(Pure) 100.00(Bio)	
	2 nd year		205	143	62		
	3 rd year		35	20	15		
B.Sc. Chemistry (Hons.)	1 st year	238	41	28	13	80.00	2014-15
	2 nd year		23	19	04		
	3 rd year		18	12	06		
B.Sc. (Gen)	1 st year	352	352	255	97	90.32(Pure) 68.75(Bio)	
	2 nd year		178	124	54		
	3 rd year		69	55	14		

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. Chemistry (Honours)	100.00	Nil	Nil
B.Sc. (General)	100.00	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SET, GATE, Civil services, Defence services? NET/GATE – 01

29. Student progression:

Student progression	Against % enrolled
UG to PG	2010 – 2011: 50.00
	2011 – 2012: 45.00
	2012 – 2013: 50.00
	2013 – 2014: 41.66
	2014 – 2015: 40.00
PG to M.Phil.	Data not available
PG to Ph.D.	2010 – 2011: 1.00
Ph.D. to Post-Doctoral	Data not available
Employed • Campus selection • Other than campus recruitment	Data not available
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities:

a) Library: Number of Books

- Central: 895
- Departmental: 214
- Book Bank: Nil

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility : Nil

d) Laboratories : The department has two analytical laboratories for honours and general courses and also one instrumental laboratory for practical classes of

Physical Chemistry. There is also a small research laboratory where experimental works for Minor Research Project and summer project etc. are carried out.

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

Academic Session	Number of students receiving financial assistance
2010 – 2011	09
2011 – 2012	10
2012 – 2013	07
2013 – 2014	29
2014 – 2015	20

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

- Enthusiastic participation of our students in various academic activities like seminar, quiz competition, wall magazine deserves mention. They take part by presenting lectures on some selected topics included in the syllabus in the seminars organized by our department. A list of departmental seminars is given below.

Role of Chemistry in Human Life, 2010

Current trends in Chemistry, 1/2/ 2011

Man Does Chemistry Explains, 13/3/ 2012

All expenses are provided from college fund. We sent our students to participate in a state level seminar (Biodiversity in Indo Perspective management and conservation) held in collaboration with D. L. Roy college on February, 2012 and a national seminar at Krishnagar Govt. College (Advanced trends in Chemistry) on March, 2013.

- In Quiz and Essay writing competition held in our college, our students won prizes in 2012 and 2013.
- Educational tours to Hazarduari at Berhampur on 2013 and reserved forest in Bethudahari on 2014 were organized for the departmental students.

33. Teaching methods adopted to improve student learning:

- Along with conventional lecture method we adopted audio visual teaching method using OHP, CD etc.
- The students are nurtured through continuous process of class room interaction from the starting to the end of the session.
- Class test and viva voce during practical classes are taken regularly.
- Home assignments are given frequently.
- Tutorial classes are organized for betterment of the students.

- Lectures on current topics of research are delivered by departmental teachers during students' seminars or summer project.

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

- NSS
- Wall magazine and Students' magazine
- Cultural competitions
- Students' seminar

35. SWOC analysis of the department and Future plans:

Strength:

As studying Chemistry is becoming increasingly important for career option, in our college every year there is a rush for getting admission to chemistry honours. Most of the students admitted to chemistry honours course come from rural areas of poor socio-economic condition. They have faint concept in fundamental aspects and also in practical works as most of the higher secondary schools have no well equipped laboratories. It is also our experience that a student with high marks in school leaving examination may or may not be motivated enough to effectively tackle the rigorous of an honours course in undergraduate chemistry. As a remedy of all these factors, all teachers of the department wholeheartedly help the students through class room interactions, class tests, viva voce, home assignments, seminars for developing the academic standard of the department. As a result of the sincere and untiring efforts of our teachers most of the students pass B. Sc. with honours in chemistry and get themselves admitted in M. Sc. course. Some of students secure first class also. Many ex-students of this department are placed in academic and industrial areas. So we believe that our teaching procedure is undoubtedly our strength.

- ❖ Co-operation between teaching and non-teaching staff and cordial relation of the students with them enables smooth functioning of the department.
- ❖ Quality of the faculty members has enhanced the strength of our department much more. They attend orientation and refresher courses arranged by universities for updating themselves. All the departmental teachers attend national and international seminars arranged at various research institutes and universities. Some of them are also actively involved in research works. Two members of the faculty – Dr. M. Ray and Dr. B Chatterjee were invited as resource persons to different seminars. One of the teachers of our department is a member of Board of Studies of the University of Kalyani who discharges the duties in this regard through some contributions in the performances like modification of syllabus, question and examination, evaluation pattern etc. Our teachers are always ready to serve their best for the benefit of the students.
- ❖ The department maintains a well organized library to cater the academic needs of the students.
- ❖ Facility of accessing internet.

Weakness:

The most essential requirement of the department of Chemistry is the extensive laboratory programme. So it needs primarily manpower for proper functioning. Recently our department is suffering from staff shortage in both teaching and technical wings. Moreover the syllabi of the undergraduate courses have been modified to a great extent with inclusion of many new experiments. So setting up of new laboratories has become a must. To endorse this need for expansion of laboratory accommodation it is pertinent to add here that majority of science students opt for Chemistry General Course.

Due to extensive uses of chemicals and devastating flood in 2000, the old working tables (wooden) have been so badly damaged that those immediately need either to be replaced with new ones or renovated along with gas pipelines and plumbing lines. But with inadequate funds it is not possible to ensure this kind of infrastructural improvement. It is very difficult also to meet up the exorbitant cost of chemicals, glass goods etc. of regular use due to fund constraints.

University of Kalyani introduced the internal marking system in the year 2009, but now University has withdrawn the same. We think that system was good for the students.

In an endeavour to organise a UGC sponsored seminar, we have submitted a project entitled "CURRENT TRENDS AND RECENT ADVANCES IN CHEMISTRY " in 2014, but unfortunately we got no response from UGC.

Opportunity:

The faculty of our department have good academic connections with chemistry faculty of other colleges and institutes of higher learning, such as CU, KU, IACS, JU and IIT .(Item No. 21). They have several national links and collaborations for research. Work is going on in the MRP of Dr. Monojit Ray. He selects some students for his summer project. Dr. B.Chatterjee worked with Prof. Barbara Zajc in the dept. of Chem. of the City University of New York as a post doctoral research fellow for two years. Their invaluable suggestions and guidance provide the students the scope for research as well as for placement in different institutions. The loving and affectionate attitude of the teachers prompts the student-teacher interactions within and beyond the classroom that motivate the students and guide them about their career. Department organizes seminars, lectures on popular topics, excursions frequently and maintains a library where books are mostly contributed by the teachers.

Challenge:

Our country and the world are witnessing a tremendous development in the research field of bio-organic chemistry, biotechnology, and drug and polymer industry. Research works in these areas are to be continued with potentiality to such extent that we will be able to enter the bizarre intricacies of future field of chemistry which our society is going to face in the next millennium. So our challenge is to supply manpower to this field of research by encouraging our students to learn experimental

chemistry with theoretical chemistry as well. Since entry at the research level requires good academic records, so to sustain and enhance the academic performance of the students at the university level is our another challenge.

Future plan:

We want renovation and expansion of our laboratory, setting up of new laboratories with modern equipments that will be beneficial for practical classes and research work. We want to organize a national seminar with the help of UGC.

DETAILED LIST OF PUBLICATION BY THE FACULTY

DR. MAUSUMI ROYCHOWDHURY

Papers published in referred journals:

1. Acharya Contributions In Chemical Research " Acharuya Prafulla Chandra Ray: Some Important Contributions In Chemical Research published in a multi disciplinary, referred International journal PANCHAKOTESAYS,1,3 (2010), 57-64, ISSN:0976-4968.

DR. MONOJIT RAY

Papers published in referred journals:

1. "Effect of Ion Concentration, pH, Hardness on Aquatic Micro flora of Ganga & Jalangi River in Krishnanagar –Nabadwip area (Nadia,WB): A Comparative Study", M. Ray *et. al.*, Proceedings of UGC sponsored Seminar Biodiversity in India: Perspective, Management and Conservation, 2011, D L College, Kirshnanagar, Nadia,WB,India.
2. "Farakka Lock-Gate Damage: A Threat to Bio-Diversity of River Jalangi", M. Ray *et. al.*, Academic Spectrum. (2012) 3(4), 50-52, ISSN:0976-9323
3. "A Pleasant Habitat of Asian openbill and little black Cormorant is River Jalangi : Tuned by ion concentrations and Physico-chemical parameters of river water", M. Ray *et. al.*,MS- Academic (2014), 4(2), 1-5, ISSN: 2229-6484.
4. "River Jalangi at Haranagar ghat, Nadia : A Rich Source of Green Algae Chlorococcum sp.", M. Ray *et. al.*,MS- Academic (2015) 5(2), ISSN: 2229-6484.
5. "Seasonal Variation of Physico-chemical parameters of Jalangi River water: Relation with Water Uses and Water Pollution", M. Ray *et. al.*,MS- Academic (2015), 5(1), 82-87, ISSN: 2229-6484.
6. "Some Important Physico-chemical Parameters and Sodium, Potassium ion concentrations in common, available and widely consumed Soft drinks in India", M. Ray *et. al.*,Indian Journal of Biology (2015), 2(1), 51-54, ISSN: 2394-1391.
7. "Comparison of Physico-chemical Parameters, Sodium and Potassium ion concentrations: A Study on packed Fruit Juices in India", M. Ray *et. al.*,Conscientia (2015), (accepted).

8. "Seasonal Variation of Different Biologically Significant ion Concentrations of the Jalangi River water", M. Ray *et. al.*, Indian Journal of Biology (2015), 2(2), ISSN: 2394-1391.
9. "Soil composition and nutrient dynamics of some phytoplankton's of River Jalangi, Nadia WB, M. Ray *et. al.*, Indian Journal of Biology" (2015), 2(2), ISSN: 2394-1391.

DR. BHASKAR CHATTERJEE

Papers published in referred journals:

1. "An Expedient strategy towards an advanced pyrrolidine intermediate intermediate for the synthesis of pyrrolizidine alkaloids", Smritilekha Bera, Dhananjay Mondal, **Bhaskar Chatterjee**; *Chem. Lett.* **2015**, *44*, 1260.

DR. SOMA SETH DULEY

Papers published in referred journals:

1. "Three Dimensional Networks Containing Rectangular Sr_4 and Ba_4 Units : Synthesis, Structure, Bonding and Potential Application for Ne Gas Separation", S. Mandal, S. Pan, D. Deb, S. Giri, **S. Duley**, S. Radenkovic, D. L. Cooper, P. Bultinck, A. Anoop, M. Bhattachajee and P. K. Chattaraj, *Int. J. Quantum Chem.* (2015), 115, 1501.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF BOTANY**

1. Name of the department : Botany
2. Year of Establishment : 1976 General Course and 2001 Honours Course
3. Names of Programms / 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 (UG)
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/programms discontinued (if any) with reasons: Nil
9. Number of Teaching posts

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
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
Smt. Swati Das (Sur)	M.Sc., B.Ed	Assistant Professor	Cytogenetics & plant breeding	08 Years	Nil
Dr. Koushik Sengupta	M.Sc , Ph.D	Govt. Approv. PTT	Cytogenetics & plant breeding	13 Years	Nil
Smt. Damayanti Bhattacharya	M.Sc	Govt. Approv. PTT	Mycology & plant pathology	05 Years	Nil
Tanmoy Kumar Ghosh	M.Sc, B.Ed	Guest Lecturer	Taxonomy of Angiosperm	04 Years	Nil
Raj Kumar Sharma	M.Sc, B.Ed	Guest Lecturer	Plant physiology, Biochemistry and plant Molecular Biology	04 Years	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 13.14 percent lectures were delivered by temporary faculties, 11.80 percent practical classes were taken by temporary faculty.
13. Student -Teacher Ratio (programme wise) :
B.Sc. Botany (Hons) =10.79: 1

B.Sc. Bio-Science (Gen) =52.4: 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
Support Staff: Sanctioned – 03, Filled – 01 (Date of retirement 31.05.2015)
Administrative Staff: Sanctioned – Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:
Ph.D. – 01 & PG – 04
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
Minor Research Project: Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Center /facility recognized by the University : Nil
19. Publications:
 - * Publication per faculty : 3.67
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students : 11
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
 - * Monographs : Nil
 - * Chapter in Books : Nil
 - * Books Edited : Nil
 - * Books with ISBN/ISSN numbers with details of publishers : Nil
 - * 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 : Nil
 - b) National committees b) International Committees c) Editorial Boards
22. Student projects
 - a) Percentage of students who have done in-house projects including inter Departmental/programme: 100 percent students prepared ENVIS projects.

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: 01, Nasrin Begum (ex-student) is a Ph.D student of Visva-Bharati University in the Dept. of Botany on Aerobiology and Palynology under the supervision of Prof. S. Mondal.

23. Awards/ Recognitions received by faculty and students:

Dr. K. Sengupta (Faculty-member)received award of best Programme Officer of NSS Unit from University of Kalyani, Smt Swati Das (Sur) (Faculty-member) placed in 1st position in the inter college 100m walking race competition and Smt. Barnali Banerjee (Student) placed in 1st position in the intra-college music competition, Swarupam podder (Student) placed in the 3rd position in the inter college music competition, Tania Kanjilal (Student) placed 3rd position in the inter college dance competition and Chiranjit Saha (Student) placed in 1st position in the inter college debate competition during the period 2014-15.

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)		Application received	Selected	Enrolled		Pass percentage	Session
				Male	Female		
B.Sc. Botany (Hons.)	1 st year	158	20	11	09	33.33	2010-11
	2 nd year		16	12	04		
	3 rd year		04	03	01		
B.Sc. Bio-Science (General)	1 st year	64	64	50	14	88.89	
	2 nd year		12	09	03		
	3 rd year		10	10	00		
B.Sc. Botany (Hons.)	1 st year	191	25	16	09	71.43	2011-12
	2 nd year		15	09	06		
	3 rd year		12	08	04		
B.Sc. Bio-Science (General)	1 st year	111	111	77	34	77.78	
	2 nd year		68	46	22		
	3 rd year		09	08	01		
B.Sc. Botany (Hons.)	1 st year	225	27	18	09	69.23	2012-13
	2 nd year		16	09	07		
	3 rd year		13	06	07		

B.Sc. Bio-Science (General)	1 st year	145	145	102	43	75.00	2013-14
	2 nd year		61	36	25		
	3 rd year		20	14	06		
B.Sc. Botany (Hons.)	1 st year	219	27	19	08	80.00	
	2 nd year		25	10	15		
	3 rd year		08	05	03		
B.Sc. Bio-Science (General)	1 st year	109	109	73	36	100.00	
	2 nd year		92	63	29		
	3 rd year		18	10	08		
B.Sc. Botany (Hons.)	1 st year	257	37	18	19	41.18	2014-15
	2 nd year		19	13	06		
	3 rd year		20	10	10		
B.Sc. Bio-Science (General)	1 st year	153	153	107	46	68.75	
	2 nd year		70	35	35		
	3 rd year		39	31	08		

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. (Hons.) in Botany	100.00	Nil	Nil
B. Sc. (General)	100.00	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.:

Name	Exam Passed	Designation	Employment placed	Date/year of Joining	Year of Passing	Contact Number
Nasrin Begum	WBSSC	Assistant Teacher	Chatra Ganeshlal High School, Birbhum	2013	2009	9474482502
Manoj Majhi	WBSSC	Assistant Teacher	Ndanpur Adarsha Vidyapith	2013	2009	8768166480

29. Student progression:

Student progression	Against % enrolled
UG to PG	2010 – 2011: NA 2011 – 2012: 33.33 2012 – 2013: 15.38 2013 – 2014: 37.50 2014 – 2015: 5.00
PG to M.Phil.	-
PG to Ph.D.	2012 – 2013: 1 2014 – 2015: NIL
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus recruitment	
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities :

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
We have only one computer with internet facility for staff and students.
- c) Class rooms with ICT facility: No but LCD projector and Paxiscope are often used.
- d) Laboratories: Yes.

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

Academic Session	Number of students receiving financial assistance
2010 – 2011	08
2011 – 2012	03
2012 – 2013	06
2013 – 2014	17
2014 – 2015	34

32. Details on student enrichment programs (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning: Adopted audio visual teaching method to improve student learning at regular basis. Permanent slides prepared by the students during the practical classes are documented through micro photography. With the help of UGC Grant and/or college fund, educational tours (including local areas and Botanical garden) conducted in different phytogeographical regions in regular basis to acquire knowledge of the vegetation in their natural habitats and identification of plants, preparation and maintenance of herbarium specimen and to study the nature of Biodiversity.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Smt. Swati Das (Sur) one of our faculty members acting as NCC officer under 3 Girls' BN, Krishnagar Unit, Dr. K. Sengupta another one of our faculty members acting as programme officer, NCC unit and majority of the students of

our department actively participate in different extension programmes organized by the NSS unit of the institution.

35. SWOC analysis of the department and Future plans:

1. Many subdivisions of these subjects are emerging as the path of employment, for example, microbiology, plant pathology, physiology and bio-chemistry, taxonomy and ecology, cytogenetics and plant breeding, molecular biology.
2. This department also provides and experience an expert teaching personalities. The faculty members are most energetic and enthusiastic and off course sincere. They are very much engaged all times to solve the academic problems of the taught.
3. Students support from teaching faculties beyond class hours.
4. Students are benefited in various aspects apart from teaching learning due to close interaction with teachers.
5. Cooperation between teaching and non-teaching staff enable smooth functioning of the department.
6. Students have regular access to departmental library.
7. Our students are gradually improving academic curriculum.
8. Our department organize different cultural programme to avoid monotonous practices.
9. We publish wall magazine in every year. It enhance the basic of our students.
10. Our students often organize different cultural programmes to avoid monotonous practices.
11. Our student are directly involved in various NSS and NCC programme in this regard we must mention our faculty Dr. K. Sengupta received best programme officer award from Kalyani University. Smt. Barnali Banerjee was selected in pre- RD camp.
12. We organized annual educational tour in different phytogeographical areas. Our students gained their knowledge and make their concept regarding bio-diversity.

Weakness:

1. The prime problem of our department is inadequate full time faculty members. The increasing demand ratio clearly indicates the actual need of more teachers.
2. The other problem of our department is inadequate class room and instrument facilities. We do not have enough space to take theoretical and practical classes separately.
3. Most of our students are coming from rural areas. That is why they often face communication problem. They face problem as medium of teaching is English.
4. A good number of students are the representative of 1st generation in the field of education.
5. As compared to the other department the cost of education is higher in this department so students from low economic background often drop their classes and their course for their earning to support their family.
6. The department was unable to organized national /state level seminar.

7. The department also suffers the shortage of non-teaching staff and infrastructural facilities.
8. There is a lack of specimen garden for which we have to collect specimen from outside.
9. There is also lack of equipments.

Opportunity:

1. We provide audio-visual system for our students during theoretical classes.
2. Microscopic observations can be documented with the help of attached camera.
3. Our teachers generally contribute special time to sort out the problems of the students and find their remedies.
4. Our faculty members tried their level best to correlate the subject with practical implications.
5. We have laminar air flow for culture.
6. We do organize departmental seminars annually.
7. Our wall magazine is published every year.
8. Department provide reading library facilities for both teachers and taught.
9. E-learning facility is available.
10. There is enough scope in the field of research and employment, particularly, forestry, quality control manager, lab. Technician, in BSI, Agg. Field officers etc.

Challenge:

1. In present education system, the brilliant and talented students are getting very much attracted to technological studies. It creates a serious threat to our department
2. Most of our students do not have adequate financial support from their family.
3. During the tenure of field excursion, in some cases it becomes more difficult to convince the parent regarding the need and utility of educational tour.
4. At present there is shortage of non-teaching staff.
5. We do not have enough rooms and infrastructure for departmental library also. We call attention of the college authorities to those problems and immediate solutions also.
6. We have only one departmental computer which is insufficient to our need. We request the college authority to purchase more number of computers for our department with internet facility.
7. We don't have any smart class room in our department at present due to insufficient fund. We will try to build up at least one smart class room in near future.
8. We do not have skilled laboratory assistant.

Plan of action for next five years:

1. Arrangement of workshop for the development of students
2. Arrangement of state and national level workshop.

3. Publication of departmental news letter.
4. Faculty exchange programme.
5. To arrange the departmental publication
6. We will try to build up at least one smart class room in near future.
7. We would like to share the faculty exchange programme along with student under the guidance of departmental faculties.
8. We will try to arrange special classes for development of communication skills.

DETAILED LIST OF PUBLICATION BY THE FACULTY

SMT. SWATI DAS (SUR)

Papers published in referred journals:

1. "Optimization of DNA isolation and RAPD-PCR protocol of *Acanthus volubilis* Wall., a rare mangrove plant from Indian Sundarban, for conservation concern", Surya Shekhar Das, **Swati Das (Sur)** and Parthadeb Ghosh (2013), European Journal of Experimental Biology, 3(6):33-38.
2. "Phylogenetic relationships among three species of the mangrove genus *Avicennia* found in Indian Sundarban, as revealed by RAPD analysis", Surya Shekhar Das, **Swati Das (Sur)** and Parthadeb Ghosh (2014), Asian Journal of Plant Science and Research, 4(2):25-30.
3. "Analysis of genetic diversity in some black gram cultivars using ISSR", **Swati Das (Sur)**, Surya Shekhar Das and Parthadeb Ghosh (2014), European Journal of Experimental Biology, 4(2):30-34.
4. "Assessment of molecular genetic diversity in some green gram cultivars as revealed by ISSR analysis", **Swati Das (Sur)**, Surya Shekhar Das and Parthadeb Ghosh (2014), Advances in Applied Science Research, 5(2):93-97.
5. "A comparative analysis of genetic diversity across certain Mungbean and Urdbean cultivars of West Bengal, using ISSR markers", **Swati Das (Sur)**, Surya Shekhar Das and Parthadeb Ghosh (2014), Asian Journal of Plant Science and Research, 4(5): 56-61.
6. "Phylogenetic relationships among the mangrove species of Acanthaceae found in Indian Sundarban, as revealed by RAPD analysis", Surya Shekhar Das, **Swati Das (Sur)** and Parthadeb Ghosh (2015), Advances in Applied Science Research, 6(3):179-184.

DR. KAUSHIK SENGUPTA

Papers published in referred journals:

1. "Environmental stress induced desynapsis in *Capsicum annuum* L. and in *Solanum americanum* Mill", Sengupta Koushik, Pal Aditi and Datta K. Animesh, J.Natl.Bot.Soc. (1999), **53**, 39-43.

2. "Mutagenic effectiveness and efficiency of gamma rays and EMS in coriander", Sengupta Koushik and Datta K. Animesh, J. of Hill Research (1999) 12(2), 119-121.
3. "Three productive mutants in coriander", Sengupta Koushik and Datta K. Animesh, J. of Hill Research, (2001) 14(1), 6-10.
4. "Induced polygenic mutation in coriander. Perspectives in cytology and genetics(Eds G.K.Manna and S.C. Roy, AICCG Publ. Kalyani Univ.)", Sengupta Koushik and Datta K. Animesh, (2001),10, 509-512.
5. "Induced viable macro mutants in coriander", Datta K. Animesh and Sengupta Koushik, Indian J.: Genet. (2002), 62(3), 273-274.
6. "Induced autotetraploidy in coriander", Datta K. Animesh and Sengupta Koushik, Proc.Nat.Acad.Sci.INDIA (2003),73B(II),171-176.
7. "Effects of Ion Concetration, pH,Hardness on Aquatic Microflora of Ganga and Janagi River in Krishnanagar- Nabadwip area (Nadia,WB) A comparative study", Sarkar Pankaj, Monojit Ray And Koushik Sengupta, Proceedings of UGC sponsored Seminar Biodiversity in India:Perspective , Mnagement and Consevation (2011), 18-22.
8. "Farakka Lock –Gate Damage: A threat to biodiversity of River Janagi", Ray Monojit, Koushik Sengupta and Pankaj Sarkar, Academic Spectrum (2012), 3(4),50-52.

SMT. DAMYANTI BHATTACHARYA

Papers published in referred journals:

1. "Changes in Chemical Constituent of Custard apple associated with rot by Phoma", Ojha, S., Chakraborty , M.R., Bhattacharya, D. and Chatterjee, N.C. International Journal of Plant Protection (2008), 1 (2), 40-42.
2. "Non- Chemical Control of weed fungi on mushroom cultivation – A review of research", Ojha, S., Bhattacharya, D., Chakraborty, M.R. and Chatterjee, N.C. Wesleyan Journals of Research, (2011), 4 (2) Special Issue : 35-40.
3. "In vitro evaluation of different carbon sources and fungicides on spore germination of Aspergillus niger", Ojha, S., Bhattacharya, D and Chatterjee, N.C., Wesleyan Journal of Research (2011), 4 (2) Special Issue, 58-64.
4. "Induction of hydrolytic and defense related enzyme of Vigna radiate during pathogeneses of Alternaria blight", Bhattacharya, D., Chakraborty, M.R., Chatterjee, N.C. and Sengupta, C, Wesleyan journal of Research (2015), 8, 26 – 32.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF MATHEMATICS**

1. Name of the department : Mathematics
2. Year of Establishment : 1942 (General Course) & 1969 (Honours Course)
3. Names of Programms / 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: Physics, Chemistry, Commerce & Environmental Science.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programms discontinued (if any) with reasons: N.A.
9. Number of Teaching posts:

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	01	01
Asst. Professors	04	04 (1 On lien)

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

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Arun Kumar Mondal	M.Sc., Ph.D.	Associate Professor	Elasticity & Plasticity	28 Years	N.A.
Dr. Debiprasad Acharya	M.Sc., Ph.D.	Assistant Professor	Operation Research	9 Years	01 (Jointly; Thesis is submitted)
Dr. Samiran Senapati	M.Sc., Ph.D.	Assistant Professor	Operation Research	9 Years	N.A.
Dr. Uttam Ghosh (On lien)	M.Sc., Ph.D.	Assistant Professor	Fluid Dynamics	7 Years	N.A.
Dr. Chinmay Biswas	M.Sc., Ph.D.	Assistant Professor	Advanced Complex Analysis & Advanced Topology	9 Months	N.A.

11. List of senior visiting faculty: N.A.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: N.A.
13. Student -Teacher Ratio (programme wise) :
 B.Sc. Mathematics (Hons) = 34.8: 1
 B.Sc. General = 44: 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :
 Support Staff: Sanctioned – 00, Filled – 00

 Administrative Staff: Sanctioned – Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. : Ph. D – 05
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 Center /facility recognized by the University: N.A.
19. Publications:
 - * Publication per faculty: 5.2
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students : 26
 - * 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.) : 26
 - * Monographs : Nil
 - * Chapter in Books : Nil
 - * Books Edited : Nil
 - * Books with ISBN/ISSN numbers with details of publishers : 03
 - * Citation Index :
 - * SNIP: Nil
 - * SJR: Nil
 - * Impact factor :
 - * h-index: Nil
20. Areas of consultancy and income generated: N.A.
21. Faculty as members in
 - (i) Dr. Arun Kumar Mondal, Associate Professor of this Department is a GB member and member of Finance Subcommittee of this College.
 - (ii) Dr. Debiprasad Acharya: Member of Board of Studies, University of Kalyani; Member of Operational Reseach Society of India.
 - (iii) Dr. Samiran Senapati: Member of Operational Reseach Society of India.
 - (iv) Dr. Uttam Ghosh: President of Managing Committee, Fulia Shikha Niketan.
 - (v) Dr. Chinmay Biswas: Life member of Indian Mathematical Society.

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 :

- (i) Dr. Uttam Ghosh, Assistant Professor of this Department got Parimal Kanti Ghosh Memorial Gold Medal for standing 1st position in M.Sc. in Applied Mathematics.
- (ii) Dr. Uttam Ghosh, Assistant Professor of this Department completed his Ph.D. course from University of Kalyani as per UGC regulation in 2009.
- (iii) Dr. Chinmay Biswas, Assistant Professor of this Department completed his Ph.D. course from University of Kalyani as per UGC regulation in 2009.

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

- (i) Prof. Bani Mukherjee, IMS, Dhanbad.
- (ii) Dr. Pulokesh Maity, Associate Professor, ISI, Kolkata.
- (iii) Dr. Joydeb Chattopadhyaya, Associate Professor, ISI, Kolkata.
- (iv) Prof. Dulal Chandra Sanyal, Department of Mathematics, University of Kalyani.
- (v) Prof. Manjusree Basu, Department of Mathematics, University of Kalyani.
- (vi) Prof. Sidartha Majumder, Ex Honourable Chairperson, WBCSC.

All of them were visited the department during the UGC Sponsored National Seminar.

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

- a) National: Application of Mathematics in Science and Social Science, UGC Sponsored National Seminar held on 10th & 11th January, 2012.
- b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)		Application received	Selected	Enrolled		Pass percentage	Session
				Male	Female		
B.Sc. Mathematics (Hons.)	1 st year	232	56	52	4	93.10	2010-11
	2 nd year		51	45	6		
	3 rd year		29	25	4		
B.Sc. (Gen)	1 st year	100	100	85	15	60.00	
	2 nd year		37	28	9		
	3 rd year		02	02	00		
B.Sc. Mathematics (Hons.)	1 st year	295	62	54	08	54.76	2011-12
	2 nd year		38	37	01		

	3 rd year		47	42	05		
B.Sc. (Gen)	1 st year	104	104	79	25	100.00	
	2 nd year		58	51	07		
	3 rd year		06	04	02		
B.Sc. Mathematics (Hons.)	1 st year	212	70	57	13	63.63	2012-13
	2 nd year		37	31	06		
	3 rd year		17	16	01		
B.Sc. (Gen)	1 st year	123	123	97	26	71.43	
	2 nd year		57	40	17		
	3 rd year		14	11	03		
B.Sc. Mathematics (Hons.)	1 st year	321	71	62	09	62.50	2013-14
	2 nd year		50	41	09		
	3 rd year		44	40	04		
B.Sc. (Gen)	1 st year	141	141	120	21	75.00	
	2 nd year		61	45	16		
	3 rd year		17	10	07		
B.Sc. Mathematics (Hons.)	1 st year	242	82	67	15	59.18	2014-15
	2 nd year		45	38	07		
	3 rd year		47	39	08		
B.Sc. (Gen)	1 st year	121	121	91	30	90.32	
	2 nd year		69	37	12		
	3 rd year		30	24	06		

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. (Honours) in Mathematics)	100.00 (2010 – 2011)	Nil (2010 – 2011)	Nil
	100.00 (2011 – 2012)	Nil (2011 – 2012)	
	99.70 (2012 – 2013)	0.30 (2012 – 2013)	
	100.00 (2013 – 2014)	Nil (2013 – 2014)	
	100.00 (2014 – 2015)	Nil (2014 – 2015)	
B.Sc. General	100.00	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc?

The name is given below.

Prasanta Debnath, WBCS (Deputy Magistrate and Deputy Collector)

29. Student progression

Student progression	Against % enrolled
UG to PG	Data not available
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
Employed	Data not available
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: Nil
- d) Laboratories: Computer Lab.

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

Academic Session	Number of students receiving financial assistance
2010 – 2011	35
2011 – 2012	34
2012 – 2013	40
2013 – 2014	79
2014 – 2015	52

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:
- (i) We organized departmental seminar every year in the month of January.
 - (ii) We started excursion from the year 2014-15.
33. Teaching methods adopted to improve student learning: Alongwith conventional lecture method we also adopted audio visual teaching method.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Our faculty and students actively participate in different extension programmes such as NCC, NSS and Dr. Uttam Ghosh is currently President of a School Authority.
35. SWOC analysis of the department and Future plans
- Strengths:**
- Efficient faculties
 - Good student-teacher relationship
 - Facility of good computer lab
- Weakness:**
- Lack of sufficient number of class room
 - Lack of sufficient number of bench in the class room
 - Student performances in examination are to be improved.
 - Economical background of students' family is poor
- Opportunities:**
- Student-teacher ratio is good
 - Student friendly environment
 - Student-teacher relationship is very good
 - Utilization of the programme like Seminar, Excursion
 - Arrangement of various programme like teacher day celebration
- Challenges:**
- Motivate students
 - Stop early leaving of students in the midway of the course
 - Help the student for building up good moral character

DETAILED LIST OF PUBLICATION BY THE FACULTY

DR. ARUN KUMAR MANDAL

Books:

- ❖ A Text Book of Advanced Analytical Geometry, Sree Tara Prakashani, Kolkata.
- ❖ Sure Shorts, Katha-O-Kahini, Kolkata, ISBN 81-87284-92-7

DR. DEBI PRASAD ACHARYA**Papers published in referred journals:**

1. "The algorithm of finding all paradoxical pair in a linear transportation problem", Discrete Mathematics, Algorithms and Applications, Vol. 4(4), pp 1-9, 2012 World Scientific.
2. "Discounted generalized transportation problem", International journal of scientific and research publications. Vol 3(7), pp 1-6, 2013, ISSN 2250-3153.
3. "Modified method for fixed charge transportation problem", International journal of engineering inventions Vol 3(1) pp 67-71, 2013 ISSN 2278-7461.
4. "Fixed charge capacitated non-linear transportation problem", Journal of engineering, computers & applied sciences. Vol 2(12), pp 49-54, 2013 ISSN 2319-5606.
5. "The algorithm of finding all paradoxical pairs in a fixed charge transportation problem", Journal of computer and mathematical sciences. Vol 6(6), pp 344-352, 2015 ISSN 2319-8133.
6. "An algorithm for finding time-cost trade-off pairs in a generalized bi-criterion capacitated transportation problem", International Journal mathematics in operational research. Vol 7(4), pp 383-394. 2015. Inderscience enterprises ltd.
7. "More for less paradox in a transportation problem under fuzzy environment", Applied and computational mathematics. Vol4 (1), pp 1-4, 2015, ISSN 2168-9679.
8. "On various configurations constructed from block designs", South Asian journal of mathematics, Vol5 (4), pp 147-152, 2015, ISSN 2251-1512.
9. "More flow for lesser cost in a non-linear transportation problem", South Asian journal of mathematics, Vol5 (4), pp 172-182, 2015, ISSN 2251-1512.
10. More for less paradox in a solid transportation problem. Journal of information and Computing Science. ISSN 1746-7659, World Economic Union.

DR. SAMIRAN SENAPATI**Papers published in referred journals:**

1. "Optimal distribution of commodities under budgetary restriction: a fuzzy approach", International Journal of Advanced Engineering Research and Studies E-ISSN 2249-8974, IJAERS/Vol. I/ Issue II/January-March, 2012/208-211
2. "The optimum time-cost trade-off in a pth degree fixed-charge bi-criterion transportation", Journal of Engineering Research and Studies E-ISSN0976-7916, JERS/Vol. III/ Issue I/January-March, 2012/133-138
3. "Improved interactive solution procedure for linear multiobjective transportation problem", International Journal of Advanced Engineering Research and Studies E-ISSN2249-8974, IJAERS/Vol. II/ Issue II/Jan.-March.,2013/67-69
4. "Interactive solution procedure for linear multiobjective multi-index

transportation problem”, ZENITH International Journal of Multidisciplinary Research ISSN 2231-5780, Vol.4 (11), November (2014), 95-103

DR. UTTAM GHOSH

Papers published in referred journals:

1. Study of land use change through stochastic processes – a case study in plateau region of Mayurbhanj district, Orissa. *JERS*. 136-138. 2011.
2. Stability analysis of land use changes, *IJAERS*, 59-60, 2011.
3. Mathematical Modelling of Epidemiology in presence of Vaccination and Delay. *Computer Science & Information Technology (Proceedings)*, 91-98, 2013.
4. Spatial pattern analysis of two landscapes in North-western parts of Orissa, India. *American Journal of Mathematical Analysis* 1-3, 2014.
5. Modelling of Infectious Disease in Presence of Vaccination and Delay, *International Journal of Epidemiology & Infection*. 2(3), 50-57, 2014.
6. Bifurcation Analysis of Logistically Grown SIR Model with Effect of Loss of Immunity and delay, Elsevier (Proceeding: Applied Non-Linear Dynamics and Chaos), 77-85, 2014.
7. Bifurcation analysis of SIR Model with Logistically Grown Susceptibles and Effect of Loss of Immunity of the Recovered Class, Proceeding: International seminar Recent trends in Mathematics, Calcutta University, In press. 2014.
8. SIR epidemic modelling in presence of inhibitory effect and delay, Proceeding: International seminar Recent trends in Mathematics, Calcutta University, In press. 2014.
9. Characterization of Non-Differentiable Points of a Function by Fractional Derivative of Jumarie Type, *European Journal of Academic Essays*, 2(2): 70-86, 2015.
10. Analytic solution of linear fractional differential equation with Jumarie derivative in term of Mittag-Leffler function, *American Journal of Mathematical Analysis* 3(2), 32-38, 2015.
11. Solutions of Linear Fractional non-Homogeneous Differential Equations with Jumarie Fractional Derivative and Evaluation of Particular Integrals, U. Ghosh, S. Sarkar and S. Das, *American Journal of Mathematical Analysis*, 2015, Vol. 3, No. 3, 54-64.
12. Fractional Weierstrass function by application of Jumarie fractional trigonometric functions and its analysis, U. Ghosh, S. Sarkar and S. Das, *Advances in Pure Mathematics*, 2015, In press.
13. Relationship between Inland Fishing and Rain fall pattern of West Bengal a statistical analysis, *EUROPEAN ACADEMIC RESEARCH*, Vol. III, Issue 4/ July 2015.

Book:

- ❖ “Information, fractal, Percolation And Geo-environmental Complexities”, LAP LAMBERT Academic Publishing, ISBN 978-3-659-56351-5.

**EVALUATIVE REPORT OF
THE DEPARTMENT OF ZOOLOGY**

1. Name of the Department: Zoology
2. Year of Establishment: 1976 (General Course) & 1996 (Honours Course)
3. Name 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: N.A.
5. Annual /semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments: NA.
7. Courses in collaboration with other universities, industries, foreign institution, etc: N.A.
8. Details off courses/programmes discontinued (if any) with reasons: N.A.
9. Number of teaching posts:

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Assistant Professors	03	03

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D Students guided for the last 4 years
Dr. Madhuban Datta	Ph.D	Asst. Professor Stage II	Fish and Fisheries	13 years	Nil
Dr. Suchismita Chatterjee (Saha)	Ph.D	Asst. Professor Stage I	Fish and Fisheries	7 months	Nil
Dr. Nirmalya Das	Ph.D	Asst. Professor Stage II	Fish and Fisheries	12 years	Nil
Dr. Ram Som	Ph.D	Superannuated Part time Associate Professor	Cytogenetics	38years	Nil

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

11. List of senior visiting faculty: Nil

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

Programme		2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Zoology(H) I	Theory	0	22	50	33	42
	Practical	0	50	50	50	50
Zoology(H) II	Theory	0	33	50	60	66.6
	Practical	0	0	50	50	50
Zoology(H) III	Theory	0	45	52	44	52
	Practical	0	40	50	45	50
BIO Gen. I	Theory	0	0	50	60	60
	Practical	0	0	0	0	0
BIO Gen. II	Theory	0	50	0	50	50
	Practical	0	33	50	50	50
BIO Gen. III	Theory	0	50	80	64.2	75
	Practical	0	100	80	57	100

13. Student –Teacher Ratio (programme wise):

Programme	2010-11	2011-12	2012-13	2013-14	2014-15
B.Sc.Zoology(H)	18.67 : 1	21 : 1	13.60 : 1	17.50 : 1	30 : 1
B.Sc. Bio Gen.	47.67 : 1	61 : 1	44.40 : 1	54.50 : 1	82 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Support Staff: Sanctioned – 03, Filled – 02

Administrative Staff: Sanctioned – Nil

15. Qualification of teaching faculty with DSc/D. Lit/Ph.D/ MPhil/PG: Ph.D. – 04

16. Minor Research Project: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc and total grants received: Nil

18. Research Center/ facility recognized by the University: N.A.

19. Publications:

- * Publication per faculty: 0.75
- * Number of papers published in peer reviewed journals (national / international) by faculty and students : 03
- * 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.) : 03
- * Monographs : Nil

- * Chapter in Books : Nil
- * Books Edited : Nil
- * Books with ISBN/ISSN numbers with details of publishers : Nil
- * Citation Index : Nil
- * SNIP: Nil
- * SJR: Nil
- * Impact factor :1.093
- * h-index: 18 (Scopus)

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National Committies

Dr. Nirmalya Das

- ❖ Indian Science Congress Association : Life member
- ❖ Life Member : Zoological Association of Burdwan University

b) Editorial Boards: Nil

c) Editorial Boards Student projects

- c) Percentage of students who have done in-house projects including inter departmental /programme: Nil
- d) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/other agencies: Nil

22. a) Student Project: % of students who have done in house projects including interdepartmental/programme: Nil

b) % of Students placed for projects in organizations outside institution i.e. in research laboratories/ industries/other agencies: 3 Nos

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 and the source of funding

a) National: Nil

b) International: Nil

26. Student profile programme/coursewise:

Name of the Course/programme (refer question no. 4)		Application received	Selected	Enrolled		Pass percentage	Session
				Male	Female		
B.Sc. Zoology (Hons.)	1 st year	293	24	14	10	92.86	2010-11
	2 nd year		17	7	10		
	3 rd year		15	12	3		
B.Sc. Bio-Science (General)	1 st year	98	98	69	29	88.89	
	2 nd year		35	24	11		
	3 rd year		10	10	00		
B.Sc. Zoology (Hons.)	1 st year	343	29	17	12	80.00	2011-12
	2 nd year		17	09	08		
	3 rd year		17	08	09		
B.Sc. Bio-Science (General)	1 st year	107	107	76	31	77.78	
	2 nd year		67	46	21		
	3 rd year		09	08	01		
B.Sc. Zoology (Hons.)	1 st year	451	33	23	10	75.57	2012-13
	2 nd year		19	11	08		
	3 rd year		16	09	07		
B.Sc. Bio-Science (General)	1 st year	144	144	99	45	75.00	
	2 nd year		58	34	24		
	3 rd year		20	14	06		
B.Sc. Zoology (Hons.)	1 st year	393	34	23	11	71.43	2013-14
	2 nd year		19	16	03		
	3 rd year		17	10	07		
B.Sc. Bio-Science (General)	1 st year	102	102	69	33	100.00	
	2 nd year		98	60	38		
	3 rd year		18	10	08		

B.Sc. Zoology (Hons.)	1 st year	465	45	27	18	77.78	2014-15
	2 nd year		27	15	12		
	3 rd year		18	11	07		
B.Sc. Bio-Science (General)	1 st year	145	145	98	47	68.75	
	2 nd year		62	33	29		
	3 rd year		39	31	08		

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other state	% of students from abroad
B.Sc. Zoology (Hons)	100.00	Nil	Nil
B.Sc. Bio-Science (General)	100.00	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence Services etc: SET – 01

29. Student progression:

Student progression	Against % enrolled
UG to PG	2010 – 2011: 20.83 2011 – 2012: 20.83 2012 – 2013: 12.50 2013 – 2014: 24.13 2014 – 2015: 12.12
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Data not available
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities:

- a) Library: Yes
- b) Internet facilities for staff and Students: Yes
- c) Class rooms with ICT facility: Yes
- d) Laboratories: Yes

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

Academic Session	Number of students receiving financial assistance
2010 – 2011	16
2011 – 2012	15
2012 – 2013	30
2013 – 2014	33
2014 – 2015	32

32. Details of student enrichment programs (special lectures/ workshops/seminar) with external experts:

We organized good number of seminars out of fund provided by the college.

33. Teaching methods adopted to improve student learning:

Along with conventional “Chalk and Talk” lecture method we also practise audio visual teaching methods with the help of OHP, computers and LCD. Occasional quiz sessions are held and students are encouraged to participate.

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

Our faculty and students actively participate in different extension programs organized by different organs of the institution: The NCC and NSS

35. SWOC analysis of the department and Future plans

Strengths

1. All the full time posts are currently filled up and the entire faculty holds Ph.D. So as such the department is highly enriched regarding faculty.
2. Department organises annual seminar with digital presentation and encourages students to participate and deliver lectures. It is to inculcate the habit of oral presentation and also to capacitate them in computer handling and making PPT presentation.
3. Department regularly publishes wall magazine on various topics to encourage group activity and the habit of cooperation among its students.
4. Class tests (besides annual test) are regularly held and the records maintained in Department. Besides regular oral question and answer sessions are held to brush up their knowledge.
5. As part of curriculum annual excursions are conducted to provide first hand knowledge on different collection and preservation methods of fauna and flora and

to study them in their natural habitats and explore the biodiversity of different regions.

6. Department currently possesses various sophisticated instruments like digital colorimeter, incubator, muffle furnace, Borosil double distillation apparatus, Olympus binocular microscopes with camera attachment, binoculars, microtome, digital camera etc to smoothly conduct the classes. Besides we are also in possession of a computer and LCD to provide modern ICT based learning to our students.
7. Department possess a separate internet and WIFI connection and students are kept abreast of the latest advances in the subjects. They can also surf the net and collect information when needed.
8. In the last university result (2015) a student from this department (Minakshi Bedi) scored 79% marks. Total 11 out of 17 appearing candidates got 1st division marks in the year 2014-15.
9. Many graduates from this department are now absorbed in different fields.

Name of Student	Batch	Current Occupation	Qualified in
Salma Haque	2003 – 2006	Research Scholar (Sidho Kanho Birsha University), Fisheries Laboratory	
Anupam Ghosh	2004 – 2007	Research Scholar (Kalyani University), Fish and Fisheries Laboratory	SET 2014, PSC, 2014
Indrajit Rudra	2004 – 2007	Geological survey of India, Jaipur lab assistant(chemical)	Staff selection exam 2011
Niloy Podder	2005 – 2008	Sales officer, Lafarge India Pvt Ltd	
Saurav Saha	2006 – 2009	Research Scholar (NEHU) Endocrinology Laboratory	
Balaram Debnath	2006 – 2009	Dental Hygienist Army Hospital Delhi	
Pritam Chakraborty	2006 – 2009	Indian Railways Signal and Telecom Department. Group C	
Pinki Debnath	2006 – 2009	Lower Division Clerk, Katwa Court	
Samim Mallick	2006 – 2009	Territory Manager at Cipla Ltd.	
Gopal Basak	2006 – 2009	Primary School teacher at Rukunpur Primary School, Sadar -1 circle	
Rakesh Paul	2007-2010	Primary school teacher	
Rajib Mondal	2007-2010	Primary school teacher	
Sandip Das	2009 – 2012	Indian Postal Service	

Weakness:

1. The main constraint faced by the department at present is shortage of space. There has been an almost three fold increase in student strength in the last five to six years and as such it is very difficult to smoothly conduct regular classes due to crunch of space and lecture rooms.
2. Teacher student ratio is also poor, keeping in view the ever demand of students to study the subject. Three full time and one part time faculty falls short to properly fulfil their demands.
3. Department was facing an acute shortage of faculty till (February 2015), with only one full time and one part time teaching staff due to which it failed to organise any state or national level seminar which would have further enriched its students.
4. Department does not possess any Smart board or LCD projector of its own till now. Though it plans to acquire a LCD projector in the nearest future.
5. The college being situated in rural area, and most of the students being 1st generation learner, they are not very fluent in English language and the medium of examination being English in our subject the result falls short of expectation.

Oppurtunity:

1. In this age of science, biology forms a main pillar of learning. As reflected from the number of applications received every year, there is a great demand of Zoology among students.
2. Students graduating from the faculty can diversity to various fields like fishery, sericulture, lac-culture, biochemistry, biophysics, biotechnology, bioinformatics, and environmental science besides their mother subject Zoology. Therefore there is a huge oppurtunity of higher studies and research work and later job oppurtunity for the graduates of this subject.
3. Students can also pursue their masters in other allied subjects like biochemistry, environmental science, molecular biology as there is flexibility of the curriculum suggested by our mother university i.e. Kalyani and other universities also.

Challenge:

1. The most challenging situation faced by students currently is that the state level and national level recruitment exams and the syllabus of NET, SET are based on life sciences rather than Zoology so the success rate in these exams are low as all aspect of life sciences are not encompassed in undergraduate syllabus.
2. Since the college is situated 100 km away from the nearest Metro city, the regular supply of zoological specimens and maintenance of equipments becomes a problem.

3. Due to the rural background of students and lack of English knowledge, the medium of instruction sometimes creates problem to them and affects their result.

DETAILED LIST OF PUBLICATION BY THE FACULTY

DR. MADHUBAN DATTA

Papers published in referred journals:

1. Madhuban Datta (Bhattacharya) & Anilava Kaviraj (2011) "Acute toxicity of the synthetic pyrethroid pesticide fenvalerate to some air breathing fishes ", *Toxicological & Environmental Chemistry*, 93:10, 2034-2039. ISSN :0277-2248 (Print), 1029-0486 (Online), Impact Factor: 0.825
2. Madhuban Datta (2015) "Acute toxicity of deltamethrin to goldfish *Carassius auratus* under varying experimental conditions", *Pollution Research*, Vol 34, Issue 2, 2015; page no: 451-455. ISSN:0257-8050, Scopus- H-Index-18, NAAS Rating-4.75

Conference Proceedings:

1. Madhuban (Datta)Bhattacharya, "Environmental fate and acute toxicity of deltamethrin to air breathing fish- overview", *Proceedings of state level seminar on Biodiversity in India: Perspective, management and Conservation*, 26 Feb, 2011. P.12-17.
2. Dr. Madhuban Datta, "Toxicity of fenvalerate, a pyrethroid pesticide to some freshwater air breathing fish and role of dietary ascorbic acid in ameliorating it – an overview - an overview", *Proceedings of State level seminar on 'Advancement of biological science towards sustainable development' Berhampore girls college, Berhampore, Murshidabad*, 29-30 Mar, 2012, p-107-111.
3. Dr. Madhuban Datta, "Toxicity evaluation of two fourth generation pyrethroid pesticide on air breathing fish and fish food organisms", *Proceedings of national seminar on 'Contemporary issues on environment and development in India and adjacent countries'*, Department of Geography, Kalyani Mahavidyalaya, Kalyani, Nadia, 20-21 sept, 2013, p 168-181.

DR. NIRMALYA DAS

Papers published in referred journals:

1. Das, Nirmalya, Majumdar, Uttaran., Mazumdar, Abhijit., and Hazra, Niladri. 2015. Life stages of eight new species of *Chironomus* Meigen (Diptera: Chironomidae: Chironominae) of the Eastern Himalaya of India. *Oriental Insect*. DOI: 10.1080/00305316.2015.1101723

**EVALUATIVE REPORT OF
THE DEPARTMENT OF ENVIRONMENTAL SCIENCE**

1. Name of the department : Environmental Science
2. Year of Establishment : 2009
3. Names of Programms / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : UG (Honours)
4. Names of Interdisciplinary courses and the departments/units involved: N.A.
5. Annual/ semester/choice based credit system (programme wise) : Annual
6. Participation of the department in the courses offered by other departments: N.A.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
8. Details of courses/programms discontinued (if any) with reasons: N.A.
9. Number of Teaching posts:

Name of the Post	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Assistant Professors	Nil	Nil

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

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Santanu Chowdhury	M.Sc., Ph.D.	Contractual Whole Time Teacher (CWTT)	Environmental Chemistry	5 Years	Nil
Dr. Anirban Biswas	M.Sc., Ph.D.	Guest Teacher	Environmental Biology	2 Years	Nil
Mr. Raja Banerjee	M.Sc.	Guest Teacher	Environmental Biology	3 Years	Nil
Mrs. Priyanka Das	M.A.	Guest Teacher	Environmental Geography	5 Years	Nil

11. List of senior visiting faculty : Nil

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

Programme		2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Env.Sc (H)	Theory	60.00	60.00	62.50	62.50	62.50
	Practical	50.00	50.00	60.00	60.00	70.00
Env.St (Comp)	Theory	75.00	75.00	83.33	83.33	100.0

13. Student -Teacher Ratio (programme wise) :

	2010-11	2011-12	2012-13	2013-14	2014-15
Env.Sc(H)	13.5 : 1	13.3 : 1	11 : 1	8 : 1	10.25 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :

Support Staff: Sanctioned – 00, Filled – 01 (Casual)

Administrative Staff: Sanctioned – Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. :

Ph. D – 02; PG – 02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : 01

Name: Dr. Santanu Chowdhury

Title of the Minor Research Project: Assessment of water quality and nutrient dynamics of purbasthali oxbow lake, West Bengal

Funding agency: UGC

Total grant received: Rs. 4,10,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: N.A.

18. Research Center /facility recognized by the University: N.A.

19. Publications:

- * Publication per faculty: 6.0
- * Number of papers published in peer reviewed journals (national / international) by faculty and students : 12
- * 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.) : 12
- * Monographs: Nil
- * Chapter in Books: 03
- * Books Edited : Nil
- * Books with ISBN/ISSN numbers with details of publishers: Nil
- * Citation Index : 230
- * SNIP: Nil
- * SJR: Nil
- * Impact factor: 18.23
- * h-index: 13

20. Areas of consultancy and income generated: N.A.

21. Faculty as members in a) National committees b) International Committees c)

Editorial Board: 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 :

- ❖ Dr. Santanu Chowdhury, CWTT of this Department completed his Ph.D. course in 2012 from University of Kalyani.
- ❖ Dr. Anirban Biswas, Guest Teacher of this Department completed his Ph.D. course in 2014 from University of Kalyani.

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)		Application received	Selected	Enrolled		Pass percentage	Session
				Male	Female		
B.Sc. Env.Sc (Hons.)	1 st year	47	17	9	8	N.A.	2010-11
	2 nd year		10	6	4		
	3 rd year		N.A.	N.A.	N.A.		
B.Sc. Env.Sc (Hons.)	1 st year	77	17	6	11	100.00	2011-12
	2 nd year		15	8	7		
	3 rd year		08	04	04		
B.Sc. Env.Sc (Hons.)	1 st year	67	21	09	12	90.91	2012-13
	2 nd year		10	01	09		
	3 rd year		13	08	05		
B.Sc. Env.Sc (Hons.)	1 st year	38	10	02	08	100.00	2013-14
	2 nd year		18	08	10		
	3 rd year		12	02	10		
B.Sc. Env.Sc (Hons.)	1 st year	48	14	05	09	90.91	2014-15
	2 nd year		16	05	11		
	3 rd year		11	02	09		

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. Env.Sc (Honours)	100.00	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	2012 – 2013: 20.00 2013 – 2014: 27.00 2014 – 2015: 20.00
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Data not available
Entrepreneurship/Self-employment	Data not available

30. Details of Infrastructural facilities

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: Nil
- d) Laboratories: Yes (Chemical Lab.)

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

Academic Session	Number of students receiving financial assistance
2010 – 2011	05
2011 – 2012	04
2012 – 2013	06
2013 – 2014	09
2014 – 2015	06

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

- ❖ We organized departmental seminar every year in the month of January.
- ❖ We have started excursion from the year 2011.



Educational Tour at Doars , 2015

33. Teaching methods adopted to improve student learning: Alongwith conventional lecture method we also adopted audio visual teaching method.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Our faculty and students actively participate in different extension programmes such as NCC, NSS.
35. **SWOC analysis of the department and Future plans**

Strengths:

- Good student-teacher relationship
- Laboratory & Equipment facility
- Highly qualified faculty members dedicated fully towards academic excellence.

Weaknesses:

- No sanctioned post in this subject.
- Lack of sufficient number of class rooms.
- Poor economic background of students hampers their ability to continue their self-financed studies.
- Severely low job opportunities.

Opportunities:

- Student friendly environment.
- Student-teacher relationship is very good.
- Organizing academic activities like Seminar, Excursion etc.
- Environmental degradation and its remedies are major global issues nowadays. Therefore, students of this discipline have the potential to be trained as professionals in the protection of nature and the naturals.

Challenges:

- To motivate the students towards the betterment of society and environment.
- Help the students for building up a good moral character.
- To build up the spirit of true scientific inquisitiveness and enquiry.

DETAILED LIST OF PUBLICATION BY THE FACULTY

DR. SANTANU CHOWDHURY

Papers published in referred journals:

1. T. Keswani, **S. Chowdhury**, Soma Mukherjee, A. Bhattacharya, *Current Science*, 107 (2014) 1711. (Impact Factor: 0.833), ISSN 0011-3891
2. Soma Mukherjee, **Santanu Chowdhury**, Atanu Ghorai, Utpal Ghosh, Helen Stoeckli- Evans, *Polyhedron*, 51 (2013)228. (Impact Factor: 2.047), ISSN: 0277-5387
3. Soma Mukherjee, **Santanu Chowdhury**, Amit Kumar Paul, Rajat Banerjee, Nabadwip Vidyasar College 263

- Journal of Luminescence*, 131 (2011)2342. (Impact Factor: 2.367), ISSN: 0022-2313
4. Soma Mukherjee, **Santanu Chowdhury**, Ashoke. P. Chattopadhyay, Arindam Bhattacharya, *Inorganica Chimica Acta*, 373 (2011)40. (Impact Factor: 2.041), ISSN: 0020-1693
 5. Soma Mukherjee, Chandrama Basu, **Santanu Chowdhury**, Asoke P. Chattopadhyay, Atanu Ghorai, Utpal Ghosh, Helen Stoeckli-Evans, *Inorganica Chimica Acta*, 363 (2010)2752. (Impact Factor: 2.041) ISSN: 0020-1693
 6. Soma Mukherjee, **Santanu Chowdhury**, Chandrama Basu, Helen Stoeckli-Evans, Ashoke P. Chattopadhyay, *Polyhedron*, 29 (2010) 1182. (Impact Factor: 2.047) ISSN: 0277-5387
 7. Chandrama Basu, **Santanu Chowdhury**, Helen Stoeckli-Evans, Soma Mukherjee, *Journal of chemical sciences*, 122(2010) 217. ISSN: 0974-3626 (print version) ISSN: 0973-7103 (electronic version)

Book Chapters in Conference Proceedings:

1. *Use of synthetic hydrotalcite for effective removal of toxic metals from waste water*, Proceedings of the national seminar on Biodiversity, Water Resource and Climate Change Issues, (2010) 59-63.
2. *Assessment of fluoride contamination in drinking water of Birbhum, West Bengal*, Proceedings of the national seminar on Contemporary Issues on Environment and Development in India and Adjacent Countries, (2013) 62-68.
3. *Water management at a chemical fertilizer industry in haldia, West Bengal: A case study*, Proceedings of the national seminar on Application of modern techniques for the management of contemporary environmental hazards and disasters, (2014) 482-490.

DR. ANIRBAN BISWAS

Papers published in referred journals:

1. **Biswas A**, Deb D, Ghose A, Du Laing G, De Neve J, Santra SC, Guha Mazumder DN. (2014). Dietary arsenic consumption and urine arsenic in an endemic population: response to improvement of drinking water quality in a 2-year consecutive study. *Environmental Science and Pollution Research*. 21:609-619. [Springer, IF=2.828]
2. **Biswas A**, Deb D, Ghose A, Santra SC, Guha Mazumder DN. (2014). Seasonal perspective of dietary arsenic consumption and urine arsenic in an endemic population. *Environmental Monitoring and Assessment*. 186: 4543-4551. [Springer, IF=1.679]
3. Guha Mazumder DN, Deb D, **Biswas A**, Saha C, Nandy A, Das A, Ghose A, Bhattacharya K, Mazumdar KK. (2014). Dietary arsenic exposure with low level of arsenic in drinking water and biomarker: A study in West Bengal. *Journal of Environmental Science & Health Part- A*. 49: 1-10. [Taylor & Francis, IF=1.164]

4. Majumdar KK, Ghose A, GhoseN, **Biswas A**, Guha Mazumder DN.(2014). Effect of Safe Water on Arsenicosis: A Follow-up Study. *Journal of Family Medicine and Primary Care*. 3(2):124-128. [ISSN:2249-4863]
5. Biswas S, **Biswas A**, Khan DK. (2014). Impact of forest fragmentation and species loss on nutrient cycling in the tropical dry deciduous forests of West Bengal. *Indian Forester*, 140 (8): 812-819. [ISSN: 0019-4816].

Evaluative Report of the Department of Commerce

1. **Name of the department** : Department of Commerce
2. **Year of Establishment** : July, 1964
3. **Names of Programms / 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** : NA
5. **Annual/ semester/choice based credit system (programme wise)** : Annual
6. **Participation of the department in the courses offered by other departments**:NA
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** NA
8. **Details of courses/programms discontinued (if any) with reasons** : NA
9. **Number of Teaching posts**

	sanctioned	Filled
Professors	NIL	-
Associate Professors	-	-
Asst. Professors	5	4

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

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Pranab Nag	M.Com, Ph.D.	Associate Professor	Accountancy	27 Years	01
Dr. Jaydip Dasgupta	M.Com., Ph.D.AICWA	Associate Professor	Accountancy	18 Years	
Mr. Sibaprasad Chakraborty	M.Com	Assistant Professor	Accountancy	16 Years	
Dr. Tapan Kr. Samanta	M.Com, Ph.D. AICWA	Assistant Professor	Accountancy	09 Years	
Mr. Amit Kumar Biswas	M.A.	Part-time Teacher (PTTS)	Money & Finance	16 Years	

11. **List of senior visiting faculty** : NA

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : NA
13. Student -Teacher Ratio (programme wise) :Hons. 10.25:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. :
Ph.D.-3, PG-1
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :
Minor Research Project:
i) Title- “Economic Dynamics of a Subsistence Economy: A study of one loom Weavers in Nadia District,”
Principal Investigator: Dr. Pranab Nag (Complete)
ii) MRP- - Title “Institutional Housing Finance in India: A Case study of HUDCO and HDFC.”
Principal Investigator: Dr. JoydipDasgupta(Ongoing)
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : NA
18. Research Center /facility recognized by the University : NA
19. Publications: (2010-11 onwards)
 - * a) Publication per faculty : 2.7
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students : Total – 07 [1) P.Nag- 3, 2)J.Dasgupta-3, 3) T.K.Samanta- 01]
 - * 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 :Nil
 - * Chapter in Books :Nil
 - * Books Edited : Nil
 - * Books with ISBN/ISSN numbers with details of publishers : “The Role of Co-operative institutions in agricultural finance in West Bengal – A Financial Appraisal” - Dr.T.K.Samanta [LAP LAMBERT Academic Publishing,2014, ISBN- 978-3-659-57162-6]
 - * Citation Index :
 - * SNIP
 - * SJR
 - * Impact factor :
 - * h-index
20. Areas of consultancy and income generated : NA
21. Faculty as members in a) National committees b) International Committees c) Editorial Boards Student Projects: NA
22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme : NA
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : NA.
23. Awards/ Recognitions received by faculty and students : NA

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

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

a)National : UGC sponsored National Seminar in collaboration with the institute of cost Accountants of India Serampore Chapter held on December 11&12,2015.

Topic:

“ Development and the Role of Local Self Government: Indian perspective”

b)International : NA

26. Student profile programme /course wise:

Name of the Course/programme (refer question no-4)	Applications received	Selected	ENROLLED		Passed percentage
			Male	Female	
B.Com(Hons){2010-11}					
1 st Year	47	20	20	nil	
2 nd Year	NotApplicable	8	8	nil	
3 rd Year	NotApplicable	13	13	nil	100%
B.Com (Gen)					
1 st Year	29	20	20	nil	
2 nd Year	NotApplicable	07	07	nil	
3 rd Year	NotApplicable	04	04	nil	100%
Name of the Course/programme (refer question no-4)	Applications received	Selected	ENROLLED		Passed percentage
			Male	Female	
B.Com(Hons){2011-12}					
1 st Year	32	13	13	nil	
2 nd Year	Not Applicable	18	18	nil	
3 rd Year	Not Applicable	07	07	nil	100%
B.Com (Gen)					
1 st Year	39	19	19	nil	
2 nd Year	Not Applicable	14	14	nil	
3 rd Year	Not Applicable	04	04	nil	50%
Name of the Course/programme (refer question no-4)	Applications received	Selected	ENROLLED		Passed percentage
			Male	Female	
B.Com(Hons){2012-13}					
1 st Year	59	17	16	01	
2 nd Year	Not Applicable	12	12	nil	
3 rd Year	Not Applicable	13	13	nil	85%
B.Com (Gen)					
1 st Year	38	31	31	nil	
2 nd Year	Not Applicable	13	13	nil	
3 rd Year	Not Applicable	05	05	nil	60%
Name of the Course/programme	Applications received	Selected	ENROLLED		Passed percentage

(refer question no-4)			Male	Female	
B.Com(Hons){2013-14}					
1 st Year	69	15	15	nil	
2 nd Year	NotApplicable	16	15	01	
3 rd Year	NotApplicable	15	15	nil	40%
B.Com (Gen)					
1 st Year	51	42	42	nil	
2 nd Year	NotApplicable	14	14	nil	
3 rd Year	NotApplicable	01	01	nil	100%
Name of the Course/programme (refer question no-4)	Applications received	Selected	ENROLLED		Passed percentage
			Male	Female	
B.Com(Hons){2014-15}					
1 st Year	34	12	11	01	
2 nd Year	NotApplicable	14	14	nil	
3 rd Year	NotApplicable	15	14	01	81%
B.Com (Gen)					
1 st Year	40	33	33	nil	
2 nd Year	NotApplicable	14	14	nil	
3 rd Year	NotApplicable	04	04	nil	50%

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com(Hons)	100%	0.0%	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	20% (predicted)
PG to M.Phil	Data not available
PG to Ph.D	Data not available
Ph.D to Post-Doctoral	Data not available
Employed • Campus selection • Other than campus recruitment	Data not available
Entrepreneurship/self-employment	Data not available

30. Details of Infrastructural facilities

- a) Library : YES
- b) Internet facilities for Staff & Students : YES
- c) Class rooms with ICT facility : NA
- d) Laboratories :NA

31. Number of students receiving financial assistance from college, university,

government or other agencies: NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil .
33. Teaching methods adopted to improve student learning: Alongwith conventional lecture method we have also adopted the audio visual teaching method.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Our faculty and students actively participate in different extension programmssuch as NCC, NSS .
36. SWOC analysis of the department and Future plans

Strength:

The Department has efficient teaching staff - four full time teachers and one part-time teacher. The teachers participate in the refresher course, seminars, workshops, etc. for keeping themselves up to date. The department arranged a workshop on Research Methodology in 2012 for enhancing the research skill of teachers. And teachers of others colleges also participated in the workshop Recently the department (and also Economics Deptt) in collaboration with the Institute of Cost Accountants of India, Serampore Chapter organized a UGC sponsored National Seminar on “Development and the Role of local-self Government : Indian perspective” on December 11& 12, 2015. The department has good collection of books that are maintained in the central library.

Weakness:

It appears that the attendance of the students is very poor. Previously, guardians of the students were called for meeting. But the response of guardians was poor. It seems that private tuition and social atmosphere of the locality is responsible to a great extent for poor attendance in the college. It may be mentioned here that no full time teacher of the department is associated with the private tuition.

Opportunity:

The college authority has taken a decision to install a computer lab for students. B.Com Part-II syllabus includes a common paper on practiced (for B.Com Hons and Pass students) The breakup of the marks structure is : computer 30, Taxation 30 and Accounting 40. This lab will help the students.

Challenges:

The declining tendency of student enrolment in commerce education in West Bengal, except very few colleges in urban area, is a major problem. This trend also affects the Nadia district and the college as well. Our department opines that there are two main reasons. Firstly, the Commerce subjects like Accountancy, Finance, Banking and Insurance, etc. have not been developed as a separate discipline. Rather these subjects are taught as a tool till today. Recently very few universities, e.g, Calcutta University, Rajasthan University have made an effort to introduce the Accountancy subject as separate discipline at Honours course of the under-

graduate level). Secondly, this reason is relevant for West Bengal. The present system of recruitment of school teachers conducted by the School Service Commission does not provide opportunity to a commerce pass graduate for appearing selection test. So, young boys and girls become reluctant to take admission in the B.com course. The enrolment problems are deep rooted. It is beyond the capacity of the college as well as the department to tackle such problem. The department may think so far of opening up the vocational courses in future.

POST ACCREDITATION INITIATIVE

In 2007, Nabadwip Vidyasagar College underwent the 1st cycle of NAAC Accreditation and was able to secure Grade B in the process. Once the accreditation process by NAAC was over, no time was wasted and the work of implementing recommendations of the Peer team started in right earnest as the college believes that sustenance and enhancement of quality require persistent and consistent effort.

One of the recommendations of the Peer team was appointment of Principal of the College. The then Teacher-In-Charge along with the earnest efforts of senior teachers was able to submit all formalities in requisitioning Principal of the College. As a consequence Dr. Buddhadeb Bandyopadhyay joined the College as Principal on 16.04.2008. He has been delegating his duties of Principal since then.

The Peer team recommended construction of building for extension of classroom facilities. Dr. Buddhadeb Bandyopadhyay took up the work of extension of classroom on priority basis. The college so far as the infrastructural facilities are concerned the college has walked a long way since the time of Peer team visit. .

Twelve Teachers have joined the institution to strengthen the Teaching staff strength however, Seventeen have left the institution on retirement, death and three teachers have left to join University faculties or as Principal.

A regular P.G. course in Sanskrit and three other P.G. Courses namely Bengali, English and History in DODL mode have been introduced. Career oriented communicative course introduced with UGC financial assistance has experienced not unalloyed success.

A large number of computers have been provided in the office, Library and departments. In fact, the college administrative and other offices are totally computerized while all the science departments have computer facilities, Eleven internet connections are also there for the use of teaching faculty as well as the students.

Five self-financing (now renamed Enhanced fees courses) have been introduced. These are Education, Environmental Science, Physics, Botany and Philosophy.

Efforts have been made to develop communication skill and computer awareness among the students. A computer laboratory has been setup with a pull of as many as thirty computers. The use of computer is also part of the syllabi of a number of departments and the admission process being totally on-line the students have developed computer awareness and skill to a great extent.

The college suffered from an acute space crunch and could not introduce any modern course. The University of Kalyani, the affiliating University sanctioned permission for the introduction of the course of Microbiology and Biotechnology a few years ago. But considering the space problem and other infrastructural weaknesses the college could

not go for it. However the space problem now solved to a great extent, the college has a plan to introduce these courses in near future.

The functioning of the library has been computerized. There is also internet facility by which the students can avail themselves of E-books and E-journals.

The library has now seven computers and internet connections which will be strengthened in the next financial year

The post of the Librarian has been lying vacant since 11.02.2001 The West Bengal College Service Commission is the recommending authority for the appointment of Librarians in college. Requisition (one point roster) for filling up the post has been submitted long ago and a librarian was recommended in the year 2011 but the candidate did not join the post. Since then we are yet to receive further recommendation. However, the college has appointed a qualified, full time librarian on contractual basis.

During the Peer Team visit in 2007 the college had only one photocopy machine. At present there are as many as four photo copying machines in the college- one in the Principal's Secretariat, one in the Library and One/Two in the college office.

The college has now installed Koha Library Software i.e. open source for automation in different subjects. The students and teachers have access to E-Journals with the introduction of internet facility and INFLIBNET N-List programme.

Paucity of fund as well as suitable land did not allow the college to construct an auditorium. But we have built a seminar hall which, with its modest facilities, is used for organising seminars, workshops, awareness programmes and meetings on large scale. Recently the Nabadwip Municipality has erected an auditorium (Rabindra Sanskriti Mancha) of first grade quality which is located just behind the college and college can use it on a subsidized rate.

Efforts are made to record the student progression as far as possible. The introduction of computer and other departments help up greatly in this work.

A quarterly newsletter is being published in the college, highlighting different activities. However, we must admit, the publication, is irregular.

The Alumni Association has been started and it holds occasional meetings. But its activities are yet to get momentum and the much desired involvement of the Alumni in the developmental works of the college has not been achieved.

The NSS and NCC units carry on the extension activities to help the down trodden and to bring about social concern among the students. In the recent years the activities of these two units have been intensified. They are being involved in the welfare activities more and more. The co-ordinator of our NSS unit has been adjudged the best coordinator in the University.

As we have mentioned before, the NSS unit has strengthened its flow of social work and a full time permanent teacher has been appointed NSS officer. The University of Nabadwip Vidyasar College 273

Kalyani, in a recent meeting of its Executive Council, the second highest Governing Body of the University has decided to include NSS activities in the curriculum and we hope this decision will have a far reaching positive effect on the student community in redefining the social commitment of the students.

The College maintains a separate NSS account and the NCC accounts are properly maintained.

The NSS unit now organizes NSS camps more frequently

The Placement cell has been established but it must be admitted, it has a long way to go.

An Internal Quality Assurance Cell (IQAC) has been set up and efforts are on to make it more effective.

Education, it is redundant to say, is a continuous process and the college had been tirelessly striving to extend its fold in different directions of higher learning to produce cultivated citizen and we must admit, it's a saga of both failure and success.

Nabadwip being a semi urban area and the student population mostly having a rural as well as first learning background, the so called academic excellence is far to seek here. But despite all odds some of the students make marks of commendable achievement and the overall academic success rate is satisfactory. The college has walked a long way since its initial accreditation in 2007, introducing five Honours courses (Philosophy, Education, Economics, Environmental Science and Physics- all Enhanced Fees courses) a regular M.A. in Sanskrit course and three M.A. (Bengali, History and English Courses) on D.O.D.L mode.

Good and extensive research work is one of the preconditions of higher education "There is nothing permanent except change" said Heraclitus and to cope with this change research is absolutely necessary. Dynamism is the keynote of human civilization and hence, we must all obey the great law of change. It is the most powerful law of nature, as advised by Edmund Burke. A number of teachers in the college have been conducting research works with UGC minor research grant. Teachers of the college are involved in regular academic pursuits by taking part in various national and international seminars, workshops, conferences and symposia Dr. Dhruvajyoti Sarkar, Deptt. of English Participate and Presented papers in the international conferences held in Australia (2011-2012), Oxford (2012-2013) Smt. Sutapa Saha Mitra, Deptt. of History, participated and presented papers in the international conferences held in Macau, China (2013-June) and Mr. Nirmalendu Ganai, Deptt. of Physics, participated and presented papers in the international conferences held in Italy respectively, Mr. Nirmalendu Ganai, Deptt. of Physics has been selected for a post-doctoral research work in Germany and is going to join in January 2016. Two members of the teaching faculty one in English and one in Mathematics have joined the University of Kalyani and the University of Calcutta P.G. Departments respectively. One senior teacher of the Chemistry Department has joined as Principal in a Calcutta College. Although their departure has emaciated to some

extent the existing strength and stamina of the respective departments, it no doubt testifies to the academic excellence of the College faculty. The college has signed a MOU with Banga Bibudha Janani Sabha, a one hundred thirty year old organisation for promoting Sanskrit and allied studies. College authority encourages research work and within its limited resources it has sanctioned a token amount for carrying out research oriented activities.

Learning as well as research, needless to say, requires a good environment and infrastructure. The college has undergone a sea change so far as infrastructural facilities are concerned. (The pictures appended herewith- one during the 2007 NAAC visit and the present one will corroborate the fact). The front portion of the college building has been totally changed after demolishing the dilapidated one and erecting a three storeyed structure of 139.3546 square mt. The main campus of the college stands on a sixty five cottah land of which twenty three cottahs remained unused with an age old low lying plot with a ditch in its heart. The land has been scientifically reclaimed and a three storied annexe building has come up. The Premises of the college in the rear part borders on the campus of Nabadwip Bakultal High School, the best school of the vicinity. Its Boys' Hostel Building had been lying abandoned for a long time. The college has got hold of this building on lease basis and a high compound wall had been erected, ensuring the safety and security of the main campus of the college. The establishment of an ATM counter of SBI is another remarkable achievement of the college and a step, though small, to its own resource mobilization process. The college has an Anti-Ragging Cell, a Career Counselling Cell and a Grievance Redressal Cell, A big green generator purchased by UGC grant and another by the college fund ensures the uninterrupted and eco-friendly power supply of the college. The NCC and NSS units carry on their activities with a great deal of motivation. The NCC unit of Nabadwip, we are proud to declare, is the largest NCC unit in the state. Mr. Akhil Sarkar, an Assistant Professor in the Deptt. of History has recently undergone a three month Training with considerable financial assistance from the college. Mr. Pijush Bhadra, an Assistant Professor in the Deptt. of English is going to take part in the next training programme in the same way. A NSS officer has been appointed from amongst the full time permanent teachers. The Co-ordinator of our NSS Units has been adjudged the best Co-ordinator of the colleges affiliated to Kalyani University. The college has created two small gardens, one at the rear portions of the main campus and one at the SC/ST Boys' Hostel campus. To strengthen the greenery efforts have been made.

The college has achieved a great deal of success in IT enablement. Computer and internet facilities have been introduced on large scale. This has facilitated the works of Administration, accounts application (COSA), Library (NLIST from INFIBNET). The total admission and submission of students' fees being done on line the minimization of error in the process has been achieved. Data base of the students' teachers and non-teaching staff has been built to a great extent. IQAC has been set up which looks after the quality aspect of the college. The Journey of the Alumni Association has started but it is yet to proceed on a faster pace.

“Education is the manifestation of the perfection already in man”- said Swami Vivekananda. Education does not mean only to help a learner earn his/ her living. The purpose of education is to achieve ‘a puramanush’ i.e., a complete man as Tagore enumerated. A holistic approach is needed so that a young learner is developed physically, mentally and spiritually. In an age of rapidly growing utilitarianism, consumerism and self-centeredness, the sacred duty of an educational institution is to orient the young minds not to seek the path of self aggrandisement alone but to work for the society as a whole (Bahu Jan Hitaya Bahuyana Sukhaya cha). Nabadwip has a glorious tradition of self sacrifice and social communitment as the birth place of Sree Chaitanya, the apostle of unbounded love, place and humanity and Pundit Iswar Chandra Vidyasagar the college is dedicated to whose memory stood for all the humanity can boast of. Keeping in mind the lives and works of these two great sons of India and the sacred memory of Buno Ramnath (Ramnath Tarkasiddhanta- an iconic figure in the field of the glorious and celebrated academic tradition and heritage of Nabadwip, NabadwipVidyasagar College is committed to disseminating higher education in as many directions as possible for the overall development of the students and help them achieve a meaningful existence in life.

From Principal & Secretary,

Ph: (03472)240014



Declaration by the Head of the Institution

I do hereby certify that the data included in 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.


Principal
Nabadwip Vidyasagar College

Principal & Secretary
Nabadwip Vidyasagar College



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

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Nabadwip Vidyasagar College
Nabadwip, Dist. Nadia affiliated to University of Kalyani
West Bengal as
Accredited
at the B level.*

Date : March 31, 2007



Director

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

March 31, 2007/174



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Quality Profile

Name of the Institution : Nabadwip Vidyasagar College

Place : Nabadwip, Dist. Nadia, West Bengal

Criterion	Weightage (W _i)	Criterion Score (C _i)
I. Curricular Aspects	100	65
II. Teaching-Learning and Evaluation	400	328
III. Research, Consultancy and Extension	50	26
IV. Infrastructure and Learning Resources	150	114
V. Student Support and Progression	100	80
VI. Organization and Management	100	52
VII. Healthy Practices	100	54
Total	ΣW _i = 1000	ΣC _i = 719

$$\text{Institutional Score} = \frac{\sum C_i}{\sum W_i} \times 100 = \frac{719}{1000} \times 100 = 71.90$$

Date : March 31, 2007

Unasak
Director

March 31, 2007/174