

UNIVERSITY OF GOUR BANGA

MALDA, WEST BENGAL



SELF STUDY REPORT (2011-2015)



Submitted To
National Assessment and Accreditation Council (NAAC)
Bangalore - 560 072, Karnataka, India

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ABBREVIATIONS

BOS	Board of Studies
B. Sc	Bachelors of Science
DST	Department of Science and Technology
EC	Executive Council
ICC	Internal Complaints Committee
ICT	Information and Communication Technology
M. Phil	Master of Philosophy
M.A	Masters in Arts
M.Sc	Masters in Science
NSS	National Service Scheme
NET	National Eligibility Test
OBC	Other Backward Classes
OMR	Optical Mark Recognition
PG	Post Graduate
Ph. D	Doctor of Philosophy
S.N.	Serial Number

PREFACE

The University of Gour Banga (UGB) is established by West Bengal Act XXVI of 2007 and located at English Bazar Town of Malda District in West Bengal. It is one of the new state universities established by the Government of West Bengal to address the concerns of 'equity and access' and to increase the access to quality higher education for people in less educationally developed districts of Malda, Uttar Dinajpur and Dakshin Dinajpur which have a Graduate Enrolment Ratio of less than the state average and National average as well.

The UGB, with its territorial jurisdiction of all over Malda, Uttar Dinajpur and Dakshin Dinajpur district initiated its academic activities from the academic year 2008 in keeping with the philosophy of achieving and maintaining the highest levels of academic excellence and meeting the aspiration of the socio-economically backward segments of Muslims, SC and ST which constitute more than 75 percent of the population in its catchment area.

Though in growing stage, it has wide variety of academic programmes to choose from. At present there are 18 PG departments running with near about 2500 enrolment and 24 General Degree colleges and 28 B. Ed colleges with enrolment of 1.40 Lakhs. Currently it has two faculties, namely, Faculty of Arts and Commerce and Faculty of Science. They provide wide choice and combination of subjects for undergraduate, postgraduate and doctoral courses. The courses have been carefully designed to cater to current generation of students, to strengthen their theoretical concepts and supplement them with practical experience and application, in the form of field work and dissertation for all courses. The course structure is intended in such a manner that the students are exposed to environmental and social issues which are a compulsory part of their learning. The unique initiative taken by this university in order to encourage the education of students from socio-economically poor families by providing waiving the total tuition fees or half of it under '*Full Free and Half Free Scheme*'. The university has very high percentage of female students especially from the Minority and SCs in its various courses.

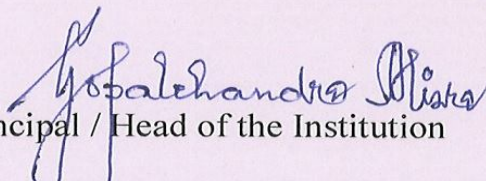
The University attempts to impart holistic development opportunity to the students by providing equal exposure to the curriculum and extracurricular learning in the form of Annual Sports and Cultural Festival held regularly in the PG departments and by the university authority. This sports and cultural festival gives an inimitable opportunity to the students to exhibit and explore their talents. This university is a fresh effort in the direction of making education affordable to all society by charging minimal tuition and admission fees. By its location, it is again an effort to make education accessible to the less developed region such as the one in which it is located (Gour Banga and the Farakka Region).

The university lies in 30 acres of land at English Bazar Town near National Highway (NH-31) in English Bazar Block; it was identified by the West Bengal State Government and was handed over to the university, where the work of construction of boundary wall was complete. The university construction is solely based on the Master Plan and carried out by one of the most reputed Govt. Enterprises of West Bengal, The Macintosh Burn. The University Main Entrance and Administrative building reflects the architectural design of famous sculpture of Gour Kingdom. The first phase includes the completion of the road network, street lights, water facility and construction of various buildings. The completed buildings include *Administrative building*; *Science Building-I* and *Humanities Building-I*, The

University Library, University Guest House and the Controller of Examination. The Construction of Boys Hostel, Girls Hostel and The Language Building construction has also started.

The university has undertaken many innovative measures to develop its campus such as tree plantation activities are being carried out to increase the green cover of the campus.

The university has made a promising beginning in developing innovative measures in its academic and administrative approach.



Principal / Head of the Institution
(Name and signature with Office Seal)
Vice Chancellor
University of Gour Banga

SECTION B

PROFILE OF THE UNIVERSITY

SECTION B

PREPARATION OF SELF-STUDY REPORT

Profile of the University

1. Name and Address of the University

Name:	UNIVERSITY OF GOUR BANGA	
Address:	Post Office: Mokdumpur, District: Malda	
City: Malda	Pin: 732103	State: West Bengal
Website: www.ugb.ac.in		

2. For Communication

Designation	Name	Area / STD Code	Tel. No	Mobile No	Fax No	E-mail ID
Vice Chancellor	Professor Gopalchandra Misra	03512	0223666	09433119196	0221086	gm.professor@gmail.com
Pro Vice Chancellor (s)						
Registrar	Vacant	03512	0223664		0223568	registrar@ugb.ac.in
Steering Committee / IQAC Director	Professor Bikash Roy	03512		09830379928		ugb.bikash@gmail.com

3. Status of the University

- State University ☒
- Central University ☐
- University under Section 3 of UGC ☐
- Private University ☐
- Institution of National Importance ☐
- Any other (specify) ☐

4. Type of University

- Unitary ☐
- Affiliating ☒

5. Source of funding

- Central Government ☐
- State Government ☒
- Self-financing ☐
- Any other (please specify)

6. a. Date of establishment of the University

19 February, 2008

b. Prior to the establishment of the university, was it a/an

Not Applicable

- PG Centre Yes ☐ No ☒
- Affiliate College Yes ☐ No ☒
- Constituent College Yes ☐ No ☒
- Autonomous College Yes ☐ No ☒
- Any other (please specify)

If yes, give the date of establishment:

7. Date of UGC recognition as University

Under Section	Date, Month and Year	Remarks (If any)
i. 2f	01.09.2008	Enclosed UGC Letter No.: F.9-23/2008(CPP-I), dated 01.09.2008
ii. 12 (B)		Applied for inclusion under section 12(B)
iii. 3 of UGC Act	N.A.	N.A.
iv. Any other (specify)	N.A.	N.A.

8. Has the university been recognised

a. By UGC as a University with Potential for Excellence.

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)

9. Does the university have off-campus centres?

Yes ☐ No ☒

If yes, date of establishment : (dd/mm/yyyy)

date of recognition : (dd/mm/yyyy)

10. Does the university have off-shore campuses?

Yes ☐ No ☒

If yes, date of establishment : (dd/mm/yyyy)

date of recognition : (dd/mm/yyyy)

11. Location of the campus area

	Location*	Campus area in acres	Built up area in sq. mtrs.
i. Main campus area	Semi-Urban	30.51 acres	7844.74 sq. mtrs.
ii. Other campuses in the Country	N. A.	N. A.	N. A.
iii. Campuses abroad	N. A.	N. A.	N. A.

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify))

If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi campus University, Please provide Campus-wise information

- **Auditorium / Seminar Complex with infrastructural facilities**
University has two Seminar halls having capacity of 300 and 100 respectively Sports facilities
- **Playground:** The University has a playground.
- **Gymnasium:** Yet to establish.
- **Any other (please specify)**
- **Hostel**
 - **Boys Hostel**
Number of Hostels
One (Shared hostel with the Boys hostel of Govt. Teachers' Training College, Malda)
Number of inmates: 30 (Thirty)
Facilities
 - **Girls Hostel**

Number of Hostels

One (Shared hostel with Girls hostel of Malda Women's College, Malda)

Number of inmate: 40 (Forty)

Facilities

Working women's hostel

(i) Number of hostels NIL

(ii) Number of inmates NIL

(iii) Facilities NIL

- **Residential facilities for faculty and non-teaching:**

No.

- **Cafeteria**

The University has a cafeteria being run by an NGO, which serves food and snacks to the students and staff.

- **Health centre – Nature of facilities available – inpatient, outpatient, ambulance, emergency care facility etc.**

➡ The University has recently started a Medical Unit. Renowned doctors of the locality are available on campus between 12 noon and 4 pm on all working days.

- **Facilities like banking, post office, book shops etc.**

➡ We are in the process of setting up a book store on the campus. There is an extension counter of the United Bank of India inside the campus. Proposals have been submitted to the Govt. of West Bengal for grant-in-aid for construction of Bank and Post Office Building within the campus.

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

Facilities are available for students and staff on need basis. However, the University has taken initiative to start a bus service dedicated to its stakeholders in collaboration with NBSTC, A Govt. of West Bengal Enterprise.

- **Facilities for persons with disabilities**

Ramps in each buildings and lift in the Main Administrative as well as in the academic buildings. Special vehicles to the differently able persons

- **Animal house**

No.

- **Incinerator for laboratories**

No.

- **Power house**

The University has DG sets for ensuring uninterrupted and complete power back-up on the campus.

- **Waste management facility**

No.

Any Other

(i) Lease NKN line (ii) LAN Connectivity (iii) Cycle Stand & Parking facility

13. Number of Institutions affiliated to the university

Type of Colleges	Total	Permanent	Temporary
Arts, Science and Commerce	24	17	07
Law	01	--	01
Medicine	--	--	--
Engineering	--	--	--
Education	28	02	26
Management	--	--	--
Others (specify and provide details)	--	--	--

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the university.

Yes ☒ No ☐ Number Nil

15. Furnish the following information

Particulars	Number	Number of Students
University Departments/Schools		
Undergraduate	0	
Postgraduate	18	2454
M.Phil / Ph.D	11/13	101/91
Research centres on the campus	0	
Constituent colleges		
Affiliated colleges	64	1,40,000 (Approx)
Colleges under 2(f)	18	
Colleges under 2(f) and 12(B)	16	
NAAC accredited colleges	03	
Colleges with Potential for Excellence (UGC)	0	
Autonomous colleges	0	

Colleges with Postgraduate Departments	2	
Colleges with Research Departments	0	
University recognized Research Institutes /Centres	0	

16. Does the University conform to the specification of Degrees as enlisted by the UGC?

Yes ☒ No ☐

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	0
PG	18
Integrated Masters	0
M Phil	11
PhD	13
Integrated Ph. D	0
Certificate	0
Diploma	0
PG Diploma	0
Any other (please specify)	0
Total	

See the list in Question No. 1.2.1 of Criterion I

18. Number of working days during the last academic year: 180

19. Number of teaching days during the past four academic years.

178	181	172	179
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(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

20. Does the university have a department of Teacher Education?

Yes ☐ No ☒

If yes,

- Year of establishment (dd/mm/yyyy)
- NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
- Is the department opting for assessment and accreditation separately?

Yes ☐ No ☐

21. Does the university have a teaching department of Physical Education?

Yes ☐ No ☒

If yes,

- a. Year of establishment (dd/mm/yyyy)
- b. NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
- c. Is the department opting for assessment and accreditation separately?
Yes ☐ No ☐

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Yes ☐ No ☒

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

No.

24. Number of positions in the university (as in the year 2013-14)

Positions	Teaching faculty			Nonteaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the UGC/University /State Government	18	36	72	54	04
Recruited	3	14	49	18	01
Yet to recruit	15	22	23	36	03
Number of persons working on contract basis	--	--	--	105	25

25. Qualification of the teaching staff

Highest qualification	Professor*		Associate* Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc / D.Litt	--	--	--	--	--	--	--
PhD	04	0	13	02	21	03	43
M Phil	--	--	--	--	04	02	06
PG	--	--	01	--	08	03	12

Temporary Teachers / Academic Fellows							
D.Sc / D.Litt	--	--	--	--	--	--	--
PhD	--	--	--	--	--	--	--
MPhil	--	--	--	--	--	--	--
PG	--	--	--	--	--	--	--
Visiting / Adjunct Faculty							
D.Sc / D.Litt	--	--	--	--	--	--	--
Ph.D	--	--	--	--	--	--	--
M.Phil	--	--	--	--	--	--	--
PG	--	--	--	--	--	--	--

(* This includes promotions under CAS)

26. Emeritus, Adjunct and Visiting Professors

	Emeritus	Adjunct	Visiting
Number	0	0	

27. Chairs instituted by the University

	Chairs
School/Department	0

28. Students enrolled in the university departments during the current academic year, with the following details:

Students	U G	PG	Integr ated Master s	M. Phil	Ph.D	Integrate d Ph.D	D.Lit t / D.Sc	Certif i cate	Diplom a	PG Diplom a
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
From the state where the universit y is located	0/0	610/676	0/0	69/3 7	38/1 8	0/0	0/0	0/0	0/0	0/0
From other states of India	0/0	09/5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Foreign Students	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Total	0/0	619/681	0/0	69/3 7	38/1 8	0/0	0/0	0/0	0/0	0/0

(*M – Male, *F – Female)

29. 'Unit cost' of education

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

- (a) Including the salary component = Rs. 44, 426/- (2013-2014)
 (b) Excluding the salary component = Rs. 14, 320 (2013-2014)

Unit Cost of Education per year			
2011-12	2012-13	2013-14	2014-15
74, 063	42, 886	44, 426	56, 734

30. Academic Staff College

No

- Year of establishment
- Number of programmes conducted (with duration)
 - UGC Orientation
 - UGC Refresher
 - University's own programmes

31. Does the university offer Distance Education Programmes (DEP)? No

If yes, indicate the number of programmes offered.

Are they recognized by the Distance Education Council?

Yes ☐ No ☒

32. Does the university have a provision for external registration of students?

Yes ☐ No ☒

If yes, how many students avail of this provision annually?

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation: Cycle 1 ☒ Cycle 2 ☐ Cycle 3 ☐
 Cycle 4 ☐

Re-Assessment: ☐

34. Date of accreditation*

Not Applicable

(applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 3: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result

Kindly enclose copy of accreditation certificate(s) and peer team report(s)

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

No, not till date.

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 31.07.2013

AQAR (dd/mm/yyyy)

37. Any other relevant data, the university would like to include (not exceeding one page).

EXECUTIVE SUMMARY

The university was established with the objectives to disseminate and advance knowledge by providing instructional and research facilities in core braches and Humanities, Commerce and Science. To take appropriate measures for promoting innovations in teaching-learning process. To educate and train manpower for the development of the region; and to pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development. University of Gour Banga (UGB) is established by West Bengal Act XXVI of 2007 and located at English Bazar Town of Malda District in West Bengal. It is one of the new State Universities established by the Government of West Bengal to address the concerns of 'equity and access' and to increase the access to quality higher education for people in less educationally developed districts of Malda, Uttar Dinajpur and Daskshin Dinajpur which have a Graduate Enrolment Ratio of less than the state average.

The university is located in Historical Malda district. The gateway of North Bengal, Malda, the capital of Gour-Banga in the ancient times with its 3456 Sq Kms lay of the land classified into Tal, Diara, and Barind awaits the advent of tourists and people of archaeological interest with its wealth to be enjoyed and its huge potential to be explored. The university is responsible for the general trend of education in the sense of enlightenment and upliftment of the masses.

The university follows the Faculty concept where each faculty consists of departments with related subjects. Currently the university has two faculties (Faculty of Arts and Commerce and Faculty of Science) with 18 PG departments. The Faculty of Arts and Commerce is consisting of department of Arabic, Bengali, Commerce, Economics, English, Education, Geography, Philosophy, Political Science and History, Sociology and Sanskrit. The faculty of Science is consisting of departments of Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology. The current student's strength of the university is nearly 2800 students which is an appreciable number for a young university.

Different departments offer courses ranging from postgraduate level, M. Phil and also doctoral programme. There are 18 masters' programmes, 11 M. Phil and 13 research programmes in different disciplines. The faculties at the university have 5 major projects amounting about 1.00 Crore in the fields of science. The courses have been carefully designed to cater to current generation of students, to strengthen their theoretical concepts and supplement them with practical experience and application, in the form of field work and dissertation for all courses. The course structure is intended in such a manner that the students are exposed to basic learning and social issues which are a compulsory part of their learning.

The two academic buildings currently address the 18 PG departments, with adequate number of classrooms available for each department. All laboratory based subjects have well equipped laboratories for practical demonstrations and exercises; most of the laboratories are ICT enabled. Each Department has LAN facility for internet usage. There is a central library which currently caters to the students. The library has 12007 books and 11 journals, 4 newspapers and 20 general magazines. The library is in the process of expansion of overall reference books and provision of Web-OPAC for easy indexing and location of the library resource.

The university has undertaken many innovative measures which include introduction OMR in Admission Test, introduction of objective type questions and a well mixing of objective and explanatory questions in the question paper to familiar the students with national level examination like (NET/GATE) and state level examination like SET. In

addition to these initiatives to have green campus tree plantation activities are carried out by the 'Plantation Committee' and NSS Unit time to time. The university along with its academic activity has initiated many social extension programmes for the marginalized, villagers in and around the campus. The NSS units have taken an extensive initiation in studying the socio-economic situation of the villages surrounding the university Campus. Based on the socio-economic survey University has adopted Parbatya Village for the promotion of overall socio-economic life by creating awareness programmes.

CATEGORY – I: CURRICULAR ASPECTS

The principle focus area of the University is to impart Quality Education – with special Focus on Innovation, Research and Employability. Since quality education needs to be guided by a holistic syllabi development, Boards of Studies are constituted for each Department which meets regularly to adapt the syllabi as per the model curricula prescribed by regulatory bodies like UGC. The Boards of Studies for Departments comprises senior Professors, reputed subject specialists and nationally reputed academicians as members. The board proposes new courses of study based on regional and national requirements of manpower in both conventional and non-conventional areas. On the other hand, Research Boards are involved in identifying relevant areas for further research. Although the industrial development in the catchment area of the University is presently at a nascent stage and the input from civil societies about curriculum development is scanty, the University has always endeavoured to develop new curriculum based on inputs from these sources also. All the P.G. courses offered by the University are completely semester-based to enable modular learning. Besides catering to educational requirements of the region, the University aims to attract international students.

CATEGORY – II: TEACHING-LEARNING AND EVALUATION

Admission in UGB is a transparent and well-defined process, starting with the release of admission notice in most of the leading regional as well as national newspapers in addition to e-release in www.ugbadmission.ac.in. & www.ugb.ac.in. After the applications are received, 60% student selection is done on the basis of merit and the students of the constituent colleges are only allowed to compete in this regard. The remaining 40% student selection is done through a rigorous entrance through OMR system and the home as well as the students of other universities can compete in this regard. Appropriate reservation policies for SC/ST, OBC, and PWD are followed to encourage access to higher education as per Govt. of India regulations. Like many leading universities in India and abroad, Gour Banga University boasts of a very high rate of enrolment of women in the field of higher education. The University is going through the process of building ICT enabled SMART classrooms to replace/ augment traditional classrooms. Internet-enabled kiosks have already been setup in the University library.

CATEGORY-III: RESEARCH, CONSULTANCY AND EXTENSION

The University makes all out efforts to promote research, consultancy and extension services. The mission depicts well about its plan of action in research. The University has a central research committee to monitor and address research related issues. It frames guidelines for Ph. D. in different faculties. Each University department has separate Departmental Board of Research Studies (BRS) to address issues related to research including M. Phil. and Ph.D. Faculty members are provided study leave for conducting research in India and abroad. The University is yet to provide consultancy services in preparing policy documents of

Government. The University sensitizes its faculty and students on its Institutional Social Responsibilities. The University intensively conducts outreach activities in interior and rural areas. Whenever a department goes for educational excursion, special instruction is given to conduct outreach activities and to submit a report. Students learning are enriched with local and regional issues related to community welfare particularly for the livelihood and resource use, employment, health, education, etc. The NSS units of the University contribute to community development in this underdeveloped region. The University is also eyeing for collaborative research at National level and international levels.

CATEGORY IV: INFRASTRUCTURE AND LEARNING RESOURCES

In order to ensure adequate availability of physical infrastructure, proposal for the new department/infrastructure are discussed and approved by the authorities and the same is submitted to the funding agency for approval of funds. As per departmental requirement, infrastructure is renovated, modified and upgraded to promote a good teaching-learning environment. There is Ramp for differently abled persons (PWD). The University has taken some major steps to convert the central library into a significant knowledge hub. The University has created a useful IT infrastructure with dedicated internet facility. Various measures have been taken up to protect all the IT devices with Security software. Apart from providing laptop to the faculty members and desktop computers to the departments, high speed internet and seamless LAN connection have also been provided. The University has an established engineering wing to carry out construction and maintenance of the buildings, classrooms and laboratories.

CATEGORY V: STUDENT SUPPORT AND PROGRESSION

Various in-campus facilities are available to the students. All students are updated about hostel facility, academic and support services, admission rules, evaluation regulations, academic calendar etc. The prospectus of the University is made available on the University website in each academic session. Most of the reserved category students get financial support, since the University is located in a SC, ST, OBC and Minority surrounded region. There is a separate committee to deal with issues related to sexual harassment in the University. This University has the unique distinction of with no ragging case reported so far. However, there is an Anti-ragging committee to monitor ragging incidents in the campus. The University provides wide range of sporting activities to the students keeping in view the compositions of students and their requirements and also encourages them to take part in the University annual as well as state and national level sport competitions. The University actively supports the publication of student wall-magazines departmentally. The University also has Internal Complaint Cell and Women Empowerment Cell, SC/ST Welfare Committee and Student Welfare Committee to look after its student folks.

CATEGORY VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

The entire academic and administrative system is structured to promote an all-round culture of excellence through regular interaction among all stakeholders. The necessary changes in the system are adopted as per need of the effective and efficient administration. The related ordinances are modified and approved in appropriate statutory bodies. The Vice-Chancellor takes keen interest in consulting stake holders for the smooth functioning of the Academic activities. There are committees for smooth administration in academics, finance, and

examination. The senior professors and officers with expert knowledge find place in the committees. The statutory bodies meet in regular intervals as per the requirement and submit report at appropriate level. All decision making in the University, starting from the Departments, Institutes onward are carried out in a completely democratic manner involving all stakeholders at each stage. The University actively encourages the participation of leadership at all levels by creating an intellectual climate that facilitates dialogue. Decisions are not taken top downward but are a result of discussions based on felt needs of all stakeholders. The University promotes the use of technology in classrooms, the library and all other central facilities. The implementation of smart classroom is on the verge of completion. Teachers are encouraged to participate in orientation and refresher courses regularly. Similarly, they are given full administrative support like appropriate duty leaves. The faculties are also encouraged to attend in national and international seminars, conferences etc regularly by providing financial support. The Quality in the University is maintained through the Internal Quality Assurance Cell (IQAC). All round perspectives are look after by the highest decision making bodies of the University, the University Court and Executive Council.

CATEGORY VII: INNOVATIONS AND BEST PRACTICES

The University has a functional Internal Quality Assurance Cell (IQAC) to ensure timely quality enhancement. On the basis of academic planning and monitoring, review of syllabus coverage is done every year with teaching departments. Every effort is made to impart value-based education to the students. The University regularly organizes lectures, seminars, yoga classes, talks etc. In addition, regularly organizing of health camps, NSS camps, environmental rally, blood donation camp etc. are done to boost the moral and ethical values of the students. The outreach programmes in remote places create awareness about education and development. The University fulfils institutional social responsibility and inculcates a social temper amongst students. Such healthy practices certainly help in all-round personality development of our students.

The following are some of the best practices followed in Gour Banga University:

- Adoption of Parbatya Village
- Historical Awareness Camp

STRENGTHS – WEAKNESSES – OPPORTUNITIES - CHALLENGES (SWOC) ANALYSES

Strength

- ❖ The faculties of the University are appointed from all over India and most of them are actively engaged in research with funding from national agencies.
- ❖ The University adheres to academic calendar strictly. The University examinations are held regularly and there is not a single instance of the disruption of examinations due to students' unrest.
- ❖ A good number of students qualify NET and SET examinations in different subjects every year. For example: in December, 2013 twenty two students qualified NET and nine students qualified NET-JRF.
- ❖ This is one of the few universities in India where no ragging case is reported.
- ❖ The University always engages itself to cultural integration of different tribes that inhabit regions.
- ❖ The region of the University is rich in diversity. The biodiversity, diversity of religions and tribes, the unexplored local and rural geography are the important areas where research works can be done. Therefore, departments like Botany, Geography, Bengali, Sociology, can carry on extensive research on these unexplored topics and thereby gain universal recognition.
- ❖ The increasing number of students is strength of the University.
- ❖ The University has maintained an astute awareness of the demands of the contemporary world and keeping that in view it has always been initiating new courses.
- ❖ The University has implemented a feedback system from students.
- ❖ The University offers education with least monetary burden on the students while at the same time offering a quality life and living on the campus.
- ❖ The research output and the classroom pedagogy make significant component of the University's working.
- ❖ A well-designed, up-to-date standard curriculum.

Weakness

- ❖ The University faces a major paucity of space given the fact that it has to construct more buildings to accommodate newly introduced courses and increased number of students.
- ❖ The University is yet to conduct Gender Audit, Green Audit, and Disability Audits.
- ❖ Limited faculty strength.
- ❖ The University is yet to attract the students.
- ❖ Inadequate budget provision for maintenance of equipment, aging infrastructure and modernization of teaching and research laboratories.
- ❖ Absence of creation of Chairs to give a fillip to the current programs and harnessing outside potential for excellence and relevance of the teaching and research programs

- ❖ Since the university is located in an underdeveloped region, locational disadvantages are many.
- ❖ Most of the students are from the first generation learners. Therefore, communication problem is always there in the University.
- ❖ Malda, Uttar Dinajpur and Dakshin Dinajpur are list the most underdeveloped and neglected districts in West Bengal, in the field of education, in general and higher education, in particular. Many of the students have poor educational and economic background. This acts as a major hindrance for introduction of self-financing and other professional courses.
- ❖ The district, where the University is located does not have a single large-scale industry. Virtual absence of industries prevents placement drive and industrial exposure of the students properly. As a result, the University industry linkages have not been grown.
- ❖ Due to the locational disadvantage, there is increasing pressure on existing infrastructure and financial burden. For example, the university has to procure and maintain a fleet of buses for daily commutation of students, staff as well as the faculty.
- ❖ The nearest functional airport from the university is around 350 km away i.e. Kolkata. This acts as a discouragement to the guest faculty, external scholars as well as experts to visit the University frequently on assignments relating to meetings and examinations.
- ❖ The University is yet to get the 12B recognition from UGC. And this acts as major hindrance in the promotion of the research and academic development of the University.
- ❖ Due to the semi-urban and underdeveloped background, the University is failing fill in its existing administrative and teaching posts. As a result, most of the administrative sections are running without permanent officers.
- ❖ Lack of better access to new technologies and move towards interdisciplinary programs for Basic Sciences, Social sciences and Arts Departments
- ❖ Lack of motivation towards Open, and Self – Learning

Opportunities

- ❖ The University has the opportunity of intensification of research on folklore, local geography, local history and culture and documentation and display in various forms in collaboration with national and international universities.
- ❖ The University has also the opportunity of intensification of researches on biodiversity and various aspects of aquatic and environmental resources, mango, and their economic uses.
- ❖ The University offers full opportunities for students to grow in a holistic manner through cultural, intellectual and extra-curricular exposure in an environmentally rich campus.
- ❖ The University has ample opportunities for implementing rain water harvesting and harnessing eco-friendly solar energy for the campus.
- ❖ The Underdeveloped background and the majority of SC, ST, OBC and Minority students can help to gain special assistance from the State as well as from the Central Government.
- ❖ The University has opportunities to offer to its budding citizens with an exposure of community development and welfare.
- ❖ Planned efforts for attracting foreign students as Bangladesh, Nepal, and Bhutan are very near to region.

- ❖ Expansion of University-Society Interaction for sustainable development.
- ❖ Scope for expansion of Physical Infrastructure in future towards establishing new departments in emerging disciplines.
- ❖ Proper use of the large number of Human Resource of the catchment area.
- ❖ The University is a place for all the marginalized sections of India to get an opportunity to grow and thus acquire self-esteem.

Challenges

- ❖ To impart quality education by strengthening the academic infrastructure of the existing Departments as well as revision of syllabus, keeping in view the demand of job markets and changing socio-economic and cultural scenario of the state, country and the world.
- ❖ To start new courses and new departments after examining the socio economic needs and employability of those courses.
- ❖ To build quality infrastructure by taking into accounts the peculiarities of local weather, physical condition and local environment.
- ❖ To attract and retain high quality faculty and efficient administrative officers in the University.
- ❖ To raise and protect the greenery of the campus in the midst of increasing construction works as well as to provide adequate potable drinking water to the campus dwellers.
- ❖ To maintain and uphold motivation of teachers and non-teaching staff so that there is maximum harnessing of their capabilities.
- ❖ To provide the University stakeholders with a world class library
- ❖ Maintaining student discipline
- ❖ Encouraging productive research
- ❖ Providing quality education to deprived section and underprivileged.
- ❖ Transformed the University at par with the Global Standard of Learning
- ❖ To connect the educational programs and their objectives with the needs of students and the society and to enhance their employability
- ❖ Keeping fees at a level which can be maintained by weaker section of society without compromising on quality
- ❖ To attain the 12B recognition from UGC.
- ❖ Establishment of new Department and career oriented professional courses.
- ❖ The University already successfully completed the 71st Session of Indian History Congress in 2011. It has again taken the challenge to successfully conduct the 76th Session of the Indian History Congress scheduled to be held on December 27-29, 2015.

CRITERIA - WISE INPUTS

CRITERION - I:

CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?

- The University of Gour Banga strives constantly to sustain and enhance its quality in teaching, research, public service and overall development. The University has committed itself to the goal of teaching and learning in higher education, ensuring quality education and providing opportunities for research and extracurricular activities in the best possible manner in order to spread the benefit of higher education in a location which is relatively backward but which has a glorious history.

VISION AND MISSION OF THE UNIVERSITY

Mission: The University of Gour Banga will focus on higher education and training of youth and transform lives and serve society by educating, creating knowledge and putting knowledge to work on a large scale and with excellence.

Vision: To create a brilliant future for the University in which the students, faculty and staff thrive and the citizens of State, the nation and the world benefit.

The broad vision of the University is to attain global visibility by developing trained human resource on par with global standards, having a high degree of international expertise, socially inclusive perspectives, cross-cultural competencies and ethical character while meeting the employment and knowledge aspirations locally.

Towards this end, the mission of the University has been to create conducive academic environment of high standards and impart higher education with a state-of-the-art infrastructure and high moral climate.

Reflection in Academic Programs

The various programmes, which clearly reflect the above vision and its allied mission of the university, are given below:

- The University operates academic programmes at for levels – under-graduation, post graduation, M. Phil and the Doctoral (PhD). At the under-graduation and the post-graduation level all traditional disciplines of physical and life sciences, humanities and social sciences, and, commerce are taught.
- These have gone a long way in catering to the needs of society and attending to local demands like opportunities for better and more diversified employment.

- A career in research is offered through the Ph.D. programme to all those who seek higher knowledge in different disciplines. All these courses have been instituted through the due process prescribed by the UGC and the act, statutes and rules of the University.
- In each Program of the university, there are courses like Project, Dissertation & Seminars to foster Innovation and Research.
- Well qualified faculty for quality delivery is recruited.
- Encouraging faculty to enhance their competence and update their own knowledge by organizing/participating in conferences/ workshops/seminars/ symposia, undertaking sponsored research.
- Visiting Professors have been instituted to provide a forum for a desirable interface of students with the renowned visiting scholars and professionals, and thereby with society and Government.
- Revision of curriculum on a regular basis with inputs from various stakeholders.
- Sensitizing the students through NSS and Sports activities for making them realize the needs of society and their role in nation building and integration.

1.1.2 Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

➡ Yes.

The design and development of the curriculum is a democratic process with the entire faculty contributing to the introduction, innovation, and revision of the syllabi. The curriculum is designed fully adhering to the guidelines of the UGC and other national and state academic organizations. The syllabus is organized in a logical sequence, progressing from basic concepts to more complex themes and latest developments in a graded manner. The syllabus is designed to provide a comprehensive coverage of the subject with emphasis on fundamentals as well as applied aspects. All courses of study are designed by the concerned statutory bodies like Boards of Studies (Board of Post Graduate Studies & Board of Under-Graduate Studies). The general approach is to circulate the courses and seek feedback from the teachers/experts of related Departments of the other universities/Institutes. Further, students' feedback is obtained in a suitable manner in the final semester for the betterment of teaching and improvement of course contents. Academicians other than the University are members of respective UGBOS & PG BOS. Their views are updated in the curriculum. The progress of curriculum design and development, as well as its implementation, are monitored by internal and external experts and later reviewed by the entire University faculty. After elaborate discussions on the content and organization of the syllabus in the respective Boards of Studies, the decisions taken are implemented through the Executive Council of the University.



Workshop on new curriculum of B. Ed 2014

1.1.3 How are the following aspects ensured through curriculum design and development?

- **Employability**
- **Innovation**
- **Research**

Curriculum design and indices of development:

Employability

This is a major focus of all the programmes of the University except the Ph.D. where innovation and research rather than employability are kept in mind.

- In natural sciences most of the M. Sc degree holders are employed; the general trend on the higher side being 33% in school teaching, 1% in faculty positions of colleges, universities and institutes, 2% in administrative jobs, and 30% being engaged in research.
- Humanities, Arts and Social Sciences departments fare well so far as employments in schools are concerned.
- Most of the ex-students of the university have been employed in the past five years in different professions including school teaching.
- About 5% candidates have cleared the National Eligibility Test and State-Eligibility Test in the last five years.
- For some students, of course, research orientation is very important and they seek to enrol for Ph. D even before obtaining employment.
- The UGC model curriculum is taken as guideline for preparing many of the courses in Arts and Science. The curriculum also adheres to requirements of UGC-NET and SET examinations.
- In the PG programmes offered by most of the departments, component of research is included as a mandatory course. This part of the curriculum exposes them to

several research agenda on the field concerned. For example, the curriculum in most of the departments includes a dissertation paper which is oriented towards research.

- Innovation –Several innovative strategies have been incorporated in the designing of the curriculum. The general trends in the academia across the world are kept in mind. Certain Departments in the Humanities stream organizes field trips as part of the curriculum. The pattern of examination questions and the syllabus are determined keeping in mind the pattern of questions in competitive examinations such as NET and SET.
- The Department of Bengali has incorporated Regional folk. The Department of History, similarly, has incorporated the study of regional and local history in its syllabus. The departments in the science stream have attempted, in recent times, to design their curriculum along the lines of social needs.

Innovation

Innovation is an integral part of our course content. This is mainly achieved through mandatory practical exercises, project work, field studies and thesis writing in all PG, M.Phil. and Ph.D. programmes. In Social Sciences, for example, survey research is a very popular innovative method.

- Research: Research forms the bed-rock of our institutional existence. Well-designed Research Methodology in Pre-Ph.D. and Pre-M.Phil. programmes and writing skill components in various PG programmes are the essence of our curricula. These modules prior to start of regular Ph. D courses enable the students to actually orient themselves towards doing research. They learn methods of problem designing and execution, application of correct tools, result interpretation and subsequent discussion and inferences of the project that they would in future undertake.
- Periodically in PG programmes, writing skill components such as dissertation writing, poster presentation, wall magazine preparation, power-point presentation and statistical analysis are a mandatory part of the course contents which subsequently enable a student to pursue research oriented project work. Since the curricula is also designed keeping in mind the course contents of NET/ SET examinations, essentially this helps the students to orient towards these examinations while pursuing their PG studies.

Research

The curriculum allows scope for research projects at the post-graduate level. Normally, a student devotes one semester in lieu of one course, to write a dissertation under the guidance of a teacher, on a particular topic or theme. The Departments of the Faculty of Science regularly conduct in-house dissertation projects for their post-graduate students. Some of the departments conduct research through collaboration.

- Students are encouraged to use computers at the post-graduate level. This enables them to make smooth progression towards research at the Ph.D. level. The departments of the Science faculty introduce the post-graduate students to statistical methods. The departments of the Arts & Commerce faculty introduce

topics of contemporary relevance in their curriculum, which enables the students to carry out research later.

- Favourable student-teacher ratio which ranges from 1:2 to 1:8 helps in supervision of research and use of facilities provided by the institution.
- Employability: All types of course work and curriculum design has in-built high degree of employability. Through KSA (Knowledge, Skills and Abilities) development by a well-designed curriculum that enables employ ability.
- Innovation: By designing courses that are cross-disciplinary and by setting, either real or hypothetical, problems to the students as assignments, the curriculum provides scope for flexibility and ensures innovation. Conduct of class-room workshops, projects, field visits etc. help to provide participatory approach and to enhance the creative learning among the students.
- Research: Research aptitude among the students is promoted through short term projects, dissertation/thesis work as a part of the curriculum.

1.1.4 To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

- ➡ The academic departments of the University closely follow the guidelines of the UGC for the preparation of syllabi and the model curriculum of UGC has been implemented with some modifications as per the local requirements. Some of the courses offered in the University are quite unique (or among the very few available in the country). The IQAC of the University had conducted series of workshops and deliberations with stake holders to introduce Choice Based Credit System (CBCS). Though, the implementation of the same is under process. While designing and revising the PG and UG curricula, guidelines of the UGC, NCTE and Bar Council of India are meticulously followed. A regional need based component is also included in the content as per the policies of the apex bodies. As a result, the overall performance of the students has significantly improved.

1.1.5 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

As the University of Gour Banga is new one, the University is yet to make policy regarding the interaction with industry. However, the University interacts with industry, research bodies and the civil societies in the curriculum revision process. It obtains feedback which are carefully reviewed and implemented at various Departments.

1.1.6 Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

- ➡ Colleges in general teach subjects at the under-graduate level. If any college desires to introduce new programme in any subject it applies to the University as well as to the State Council of Higher Education.

The colleges initiate the process by sending proposals in for Introduction of subjects which they identify as having the capacity to sustain the operation of those programmes. In order to introduce those new programmes of studies in affiliated colleges the University takes the following steps

- A joint team of experts the University as well as to the State Council of Higher Education related to the disciplines for which the programmes are to be introduced, visit the colleges. The experts are drawn from the faculty of the University and also from external institutions.
- The report and the recommendation of the the State Council of Higher Education are placed before the Executive Council.

1.1.7 Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

- ➡ Ten other job oriented Post Graduate Departments are going to be introduced very soon. The departments are: Tourism Management/Hospitality Management, Foreign Trade Practice, Floriculture, Agri-Business and Agro Processing Bio-Fertilizer & Bio-Pesticides, Communicative English & Soft Skill Development, Forestry & Wild Life Management, Hospital Management Para-Medical Technology & Services, Fisheries and Aquaculture, Multimedia & Web Development Technology, Animation Science.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

- Programmes taught on campus
- Overseas programmes offered on campus
- Programmes available for colleges to choose from

1.2.2 Give details on the following provisions with reference to academic flexibility

- a. Core / Elective options
- b. Enrichment courses
- c. Courses offered in modular form
- d. Credit accumulation and transfer facility
- e. Lateral and vertical mobility within and across programmes, courses and disciplines



(a) Core / Elective options:

- (i) The Core Courses are compulsory. There is no flexibility in such Courses.
- (ii) Elective Options are provided in all Programs of the University.

(b) Enrichment courses:

Enrichment courses such as Soft Skills, Short - Term Diploma Courses, and Courses related to Community Forum activities are also provided.

(c) Courses offered in modular form: Nil.

(d) Credit accumulation and transfer facility:

Yes, The University admits the students who have completed their part of program in any recognized institute / university provided the university is conducting similar program. The credits earned by the students in their parent institution for the similar courses are considered and transferred to them. The students have to clear the courses not covered in their parent university.

(e) Lateral and vertical mobility within and across programmes, courses and disciplines: N.A.

1.2.3 Does the university have an explicit policy and strategy for attracting international students?

- ➡ Although university has no explicit policy for attracting students from abroad the international students are encouraged to join any course offered by the university. They are given priority for accommodation in the campus, if required.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

- ➡ There are no courses targeting international Students. The University is seriously working to make courses attractive for the International students.

1.2.5 Does the university facilitate dual degree and twinning programmes? If yes, give details.

- ➡ No.

1.2.6 Does the university offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

- ➡ No.

1.2.7 Does the university provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

- ➡ There is no uniformity in the syllabi of the conventional mode and distance mode of education, as the structure of the PG programmes in these two modes of learning are different. The conventional mode follows the pattern of semester system while the distance mode operates on the format of annual teaching –evaluation system. Therefore, it has not been possible to introduce flexibility in combining courses.

The university has very recently started a few programs in distance mode. Now it is planning to start some short term add-on programs through 'distance mode'

Yes. University encourages Diploma courses as a supplement to its conventional teaching programme.

1.2.8 Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?

- ➡ The Credit System has not been implemented in the University curriculum as yet. But within the past 5 years the University has created the necessary framework for its implementation. As and when the University introduces the system of awarding Grade Points to students on a 5 point scale for the number of Courses opted by the students, the Cumulative Grade Point Average (CGPA) will be attained, and, the above measures will be complemented.

1.2.9 What percentage of programmes offered by the university follow:

- **Annual system**
 - **Semester system**
 - **Trimester system**
-
- The under-graduate – B.A. /B.Sc. /B. Com./ BCA/B.Ed./ LLB – programmes are based on the format of the annual system (in affiliated colleges only): (100%)
 - The post-graduate – M.A. /M.Sc./M. Com – programmes are based on the format of the semester system: (100%)
 - Trimester system is not yet introduced. (0%)

1.2.10 How does the university promote inter- disciplinary programmes? Name a few programmes and comment on their outcome.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

- ➡ Curriculum is revised once in three years or as and when required. The process of revision of curriculum is ongoing and is monitored by Board of Studies. The process takes into consideration all factors like, social relevance, job orientation and knowledge intensity.

Major revision of curricula is undertaken once in 3 years however, minor changes are made every year. During the last five years, all courses have been revised to meet the needs of students and other stake holders.

The Board of Studies meets periodically to keep track of the challenges and identifies the necessary changes to make the curriculum socially relevant and job oriented. It revises the curriculum in order to remove obsolescence and introduce a new direction to the courses such that it retains its knowledge intensive trait and addresses the emerging needs. In every faculty the courses are tailored with the objective of

providing development and trained manpower to the needs of industries. The existing courses are modified keeping in view the guidelines of regulatory bodies and taking into account their commendations of the members of the Board of Studies who are experts in the courses concerned.

As part of the revision process many of the departments have conducted workshops. Some of them are listed below

1.3.2 During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

- **Inter-disciplinary**
- **programmes in emerging areas**

➡ During the last four years the following new programmes were introduced at PG level.

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

➡ Rigorous review of existing programmes and brain storming with the help of external experts are the primary means. The feedback is also obtained from students and are given due consideration in framing the curriculum.

The feedback given by students and stake holders is the basic matrix for identifying shortfalls in curricular content and reinforcements needed therein.

Percentage of courses that underwent syllabus revision in the last four years:

Courses in the Science stream- 98%

Courses in the Arts & Commerce stream - 95%

100% of the programmes underwent revision of syllabus in last 3 years.

Following strategies are adopted for the revision of the existing programmes:

- Feedback from teachers on the basis of their classroom observation.
- Threadbare discussion on the proposed revision submitted by an individual teacher or a committee in the Board of Studies.
- Practical aspects pertaining to teach ability, learning outcomes, utility and infrastructural and academic supports are taken into consideration.
- Up-gradation of syllabi to bridge recent developments with the existing one to meet the curricular objectives.
- Analysis of different modes of course delivery.
- Specific agenda for Special Board of Studies meetings.
- Up-gradation and review of the departmental electives on the emerging needs and industry inputs.

1.3.4 What are the value-added courses offered by the university and how does the university ensure that all students have access to them?

➡ The university always seeks to introduce value-added courses.

1.3.5 Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

➡ No.

1.4 Feedback System

1.4.1 Does the university have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

➡ The faculty members are encouraged to be evaluated by their own students and the feedback is obtained from the end semester students. The feedback process is carried by IQAC during 4th semester in every academic year.

The University receives feedbacks from students about the performance of the faculty members through the mode of Evaluation of Teachers by Students. These feedbacks are used by the faculty to augment efforts in areas that are indicated as deficient. Departments discuss the teaching-learning-evaluation process at the department committee meetings. The University provides “data sheets for students” feedback on the teaching-learning-evaluation process. Many departments utilize the alumni reunion as a forum to discuss the teaching learning-evaluation process.

The University possesses a mechanism to obtain feedback from students both on the course content and teaching methodology. The students at the end of each semester submit a proforma detailing the merits and demerits of each course. These comments are reviewed and considered while revising the syllabus.

1.3.6 Does the university elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

➡ Feedback on the curriculum from national and international faculty is both sought and received. Such feedback is facilitated through interaction during seminars and conferences. The Boards of Studies have members from the national level academic community. In different departments members of the faculty have served in national and state level committees. Departments of the University comprise the academic groups of many national and international journals as editorial board members. The Faculty Councils have representatives from national level academic community. Their views are considered by the faculty in developing the curriculum.

(a) Academicians of repute both national and international are regularly invited for extension lectures, seminars, workshops etc. During their visits feedback and suggestions about curriculum are obtained regarding adequacy of coverage, relevance etc.

(b) In the Statutory bodies like BOS, Faculties and Academic Council also academic and industrial experts from outside the University are co-opted as members. In the meetings of such statutory bodies their valued opinion is considered in the curriculum design and up-gradation.

1.3.7 Specify the mechanism through which affiliated institutions give feedback on

curriculum enrichment and the extent to which it is made use of.

- ➡ Affiliated institutions like colleges communicate their feedback on curriculum enrichment through discussions at the Under-Graduate Boards of Studies. Chairperson, Many Departments conduct workshops and seminars at which discussion on the syllabus etc. form important items of the agenda.

1.3.8 What are the quality sustenance and quality enhancement measures undertaken by the university in ensuring the effective development of the curricula?

- ➡ The Departmental Board of Studies invites experts from different fields and reviews the curriculum according to the requirements of the service sector, current research trends, societal relevance etc. Sometimes, draft syllabus is sent to eminent faculties, research scientists of national and international repute. Often workshops are arranged by the department for syllabus enrichment.

The following best practices are adopted in curricular designing, development and up-gradation:

Curriculums of all programs reflect the Vision, Mission, Goals and Object of the University. Feedback on curriculum is obtained from all stake holders like Students, Alumni, Employer, Community, Academic peers, Industry and Parents. Based on feedback the curricula are updated.

Any other information regarding Curricular Aspects which the university would like to include.

Curriculum aspects are strengthened by revision of syllabi on par with emerging trends and to meet global demand by giving thrust on application oriented subjects. An Internal Quality Assurance Cell is in force and under the aegis of the Cell, periodic meetings are held with the Heads of the Departments and other members. A questionnaire is sent to all the subunits in order to assess the quality of the curriculum and the Vice- Chancellor frequently engages in discussion with the IQAC members and reiterates the need for quality in teaching, research and extension. Any other information regarding Curricular Aspects which the university would like to include.

CRITERION -II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

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

- Publicity of the admission process is ensured by placing, well before the time of admission, notification in national and local dailies. Notices are posted on the university website and notice-board as well. Transparency of the process is ensured by indicating the merit criteria of admission of successful students. University has been following a well-administered, transparent admission process complying with all the norms of the UGC and state/central governments.

As students from remote places have difficulty in collecting admission forms and filling them, getting the documents verified and finally submitting the form and fee, the University has made the entire mechanism online since 2012. The application forms are uploaded on the University website which can then be readily filled online. Various links have been provided along with the form and troubleshoot guidelines are also given.

The helpline numbers and e-mail addresses are also provided. The admission link is constantly modified and upgraded for better use by students. The provisional admission lists are posted on the website. Subsequently, after manual scrutiny the students are admitted through counselling.

Publicity:

The University ensures wide publicity to the admission process through notification and advertisement in local and national newspapers and on the University website. Admission notification and schedule of Entrance Examinations (EE - only for Science and Technology Departments) is circulated. The Admission Committee is entrusted with the responsibilities like the preparation of admission notification, course directory and identification of centres for entrance examinations.

There is separate admission procedure for M. Phil. and Ph. D. courses.

Admission notification along with the detailed schedule for all subjects is advertised in the prominent newspapers and is also circulated to the academic Departments as well as University website.

Transparency:

The admission process is free from human intervention. In order to maintain transparency, information containing general merit list, category and other related matters are displayed on the University website as well as Departmental notice boards. Enough time is also provided to report discrepancies, if any. The final merit list along with information regarding candidates to be called for counselling is displayed. The students are given information about the admission procedure, facilities available in the concerned Departments and the University, course structure, besides placement opportunities at every phase of admissions.

2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).



- a) **Merit:** 60% of the total number of seats in the PG Courses is filled up, strictly on the basis of merit, with students passing out of colleges affiliated to this university.
- b) **Merit with entrance test:** 40% of the total number is filled through selection by entrance test. This system, introduced at the behest of the state government two years ago, replaces the earlier one of filling up to 95% of the seats with students from the affiliated colleges and 5% from other universities.
- c) **Merit, entrance test, and interview:** Only in the case of admission to the PhD and M. Phil programmes is the entrance test followed by an interview by respective departmental Ph.D. committees consisting of external experts from other state universities and teachers of the departments of the university.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.



The university specifies the intake capacity of its affiliated colleges in respect of the subject taught. Colleges need to follow the guidelines prepared by the university. The final list of the students admitted on the basis of merit is sent to the university authorities for information. For the B.Ed. course, taught in some B.Ed colleges affiliated to this university, however, the admission-process is conducted centrally and on-line by the university from its campus.

2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?



- Yes. The Central Admission Committee of the University conducts meetings periodically. This Committee evaluates the pattern of admission followed during the previous academic year and in the light of its observations makes suitable changes in the advertisement for admission in the subsequent academic year.
- The statistical cell of the University compiles admission-related data with respect to the number of applications received, the number of candidates admitted, the number of males/females admitted to each program, and calculates the ratio of belonging to the minority /economically backward / reserved categories.

- This information is being used partially to enhance the enrolment at the University.
- The university authorities review the admission process annually for modifying eligibility criteria as per government norms, if any, and analyses student profile by organizing meetings with Heads of the Departments. Further, scrutiny of the profile of students is done centrally by the admission section in the central administrative office.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- **SC/ST**
- **OBC**
- **Women**
- **Persons with varied disabilities**
- **Economically weaker sections**
- **Outstanding achievers in sports and other extracurricular activities**



SC/ST:

The University is guided by the government norms in increasing/ improving access for students belonging to the SC/ST communities. 22% of the total number of seats is reserved for the SC candidates and 6% for those from ST communities.

OBC:

To the extent of 17% (10% for OBC A and 7% OBC B) seats are being reserved for this category. The BC Cell looks after the welfare of the students belonging to these communities.

Women:

Although no quota exists for women, the number of female students seeking admission is increasing with every passing year.

Persons with varied abilities:

3% of the total number of seats is reserved for them

Economically weaker sections:

Although there is no reservation for economically weaker section, there is provision for Full Free and Half Free studentship. In addition to that there are govt. fellowships for meritorious students.

Outstanding achievers in sports and other extracurricular activities:

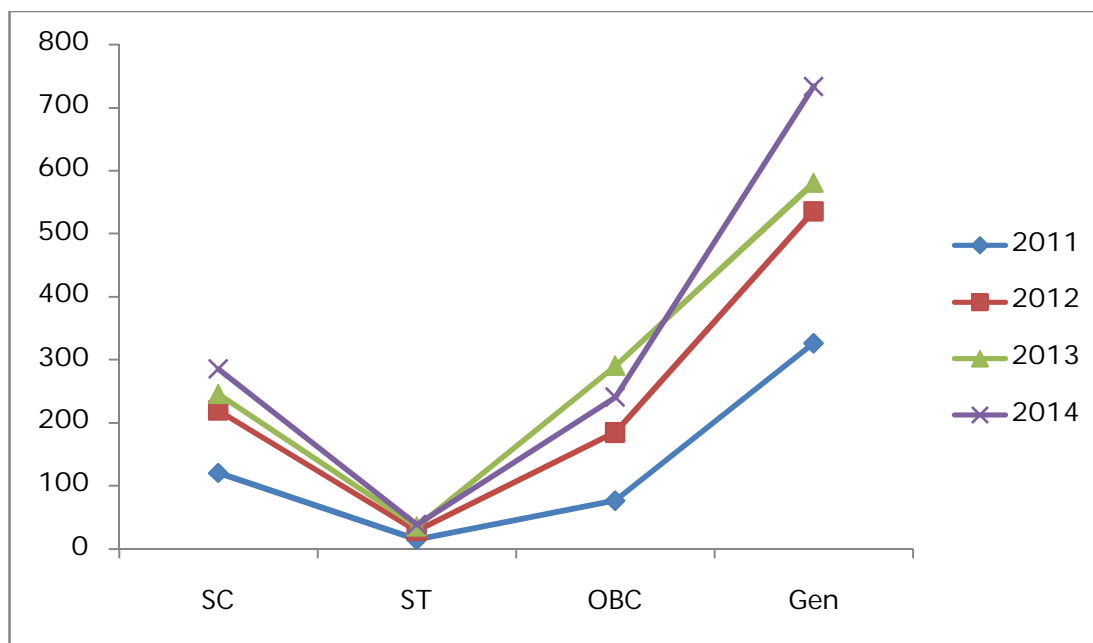
1% of the total number of seats is reserved for them.

2.1.6 Number of students admitted in university departments in the last four academic

years:



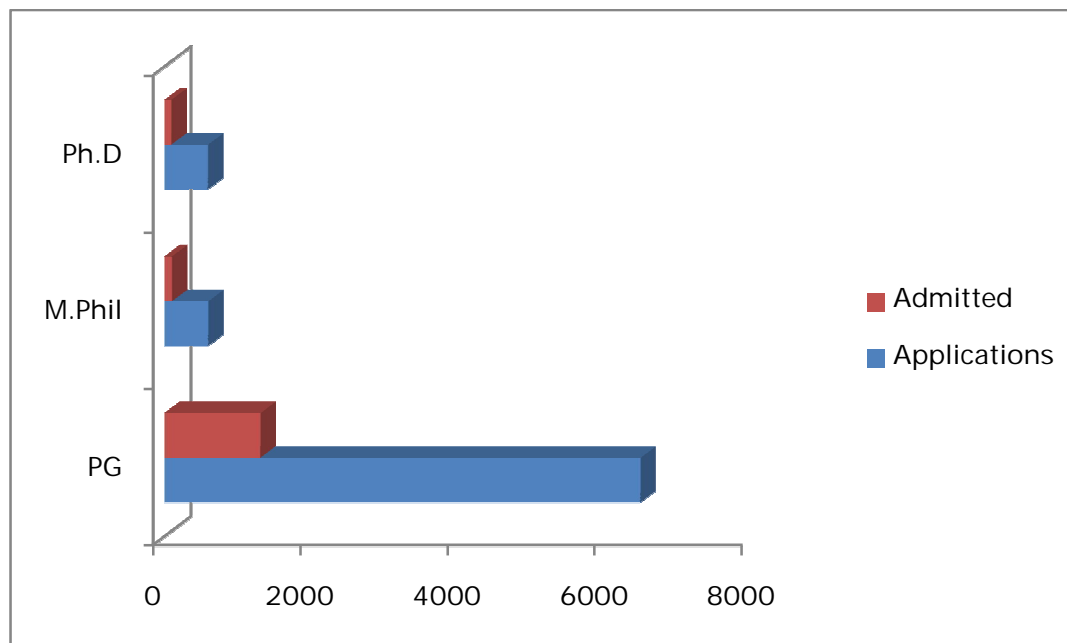
Categories	Year 1		Year 2		Year 3		Year 4	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	58	63	120	100	116	130	128	158
ST	10	5	17	12	18	18	19	20
OBC	49	28	195	90	156	135	111	130
General	171	156	270	246	290	291	361	373
Others	--	--	--	--	--	--	--	--



2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.



Programmes	Number of applications	Number of students admitted	Demand Ratio
UG	--	--	--
PG	6462	1300	4.97
Integrated Masters	--	--	--
M.Phil.	585	101	5.73
Ph.D.	582	91	6.39
Integrated Ph.D.	--	--	--
Certificate	--	--	--
Diploma	--	--	--
PG Diploma	--	--	--
Any other (please specify)	--	--	--



2.1.8 Were any programmes discontinued/ staggered by the university in the last four years? If yes, please specify the reasons.

- ➡ There is no case of any programme, introduced by the university during the last four years, having been discontinued.

2.2 Catering to Student Diversity

2.2.1 Does the university organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- ➡ The University does not organize any orientation/induction programme for the freshers. However, in the freshers welcome programmes, organized by the students union at the beginning of the academic session, Vice-Chancellor, Registrar, teachers meet the students and explain different academic systems and facilities offered by the university. Feedbacks from the students are taken through the students union.

2.2.2 Does the university have a mechanism through which the “differential requirements of the student population” are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- ➡ Entrance test conducted at the time of admission helps to assess students’ knowledgebase, skills and their needs. Further, during the first week of the

commencement of the teaching programme, a few classes are devoted to evaluate the differential requirements of the students. Based on this analysis, students who need extra support are identified for remedial coaching. Bridge courses are offered in certain departments especially where there is an opportunity in the curriculum for the students who hail from educationally disadvantaged classes. After the first internal assessment test, the students who secure less than 50 per cent of marks are considered slow learners and the rest are treated as advanced learners. The slow learners are given remedial coaching or special coaching both in theory and practical, in order to motivate them and develop interest in their chosen subjects. The fast learners and brighter section of students are motivated to appear for competitive examinations. They are provided computer and Internet facilities to update their knowledge and skills. They are directed to attend workshops and summer courses conducted both at the university and elsewhere. The students with special aptitude for research are motivated to work on individual mini projects funded by grant agencies.

In the beginning of each academic session, the faculty members do make efforts to identify the slow learners. They are given personal attention both in class lectures and practicals. Special classes are also held to help the slow learners. This provides an excellent platform to understand and solve individual problems of such students. Each student is assigned a Teacher Guide (TG) who would interact with the student periodically at least once a month to review the student's academic progress and render counseling with regard to personal and psychological related issues. However, no formal mechanism has been devised for the purpose.

After admissions, the Department Council undertakes an analysis on student population based on socio-economic and cultural factors. Based on the analysis, the course co-coordinators are directed to offer remedial programmes. The University allocates funds for remedial coaching to the needy departments. Students are directed to the centralized university facilities based on skill enhancement and counselling. Such Centres include Finishing School, Equal Opportunity cell and Health centre for counselling and so on.

2.2.3 Does the university offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

- All the academic departments offer remedial coaching to students coming from the disadvantaged sections of society so that they do not lag behind others. The classes for the remedial coaching are accommodated in the time table either at the beginning or at the end of the normal class-hours. Apart from providing remedial coaching to the slow learners, steps are taken to prepare them for entry into service. Teachers also take add-on classes as per requirement of the students regarding projects, review, seminar presentation of the students etc beyond the time of usual class routine.

The need to arrange or to include as the part of the structured Time-table such bridge / remedial courses have so far not arisen.

Yes, the University has a Remedial Coaching Centre for weaker sections and minorities. The Centre regularly conducts classes in the evening involving experts. There are three modules for such classes: (i) for NET and SLET coaching, (ii) for UPSC and other Civil service examinations and (iii) for students who could not attend the regular classes and seek remedial classes for attending the examinations. Classes in History, Political Science, Sanskrit, Public Administration, Banking Services and

General studies are regularly being conducted by the Centre. In the Teaching Departments and Faculty, extra classes are always taken to make up for any shortfall in the regular sessions.

Yes, the university offers some bridge/remedial/add-on courses on the campus. They are as under: Departments Nature of courses offered Course time

2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

- ➡ Although the academic departments normally do not hold examinations at the end of the remedial courses, the fact that the students participating in such courses end up by competing successfully with the rest is a measure of the effectiveness of such courses.

Although, there is no such formal study undertaken, based on the results of performance in the final examinations, it is observed that during the last four years, there has been a steady increase in the pass percentage and appreciable achievement levels among the disadvantaged sector of students as evidenced by the student records

2.2.5 How does the university identify and respond to the learning needs of advanced learners?

- ➡ All the academic departments hold tests for internal assessment which are the sure means to identify the needs of the advanced learners. The teachers hold tutorial classes to provide individual attention to all such students. To meet the needs of students who are intelligent but lack adequate exposure, following strategies are employed for the advanced learners:
 - Provision of additional learning and reference material
 - Preparation of assignment on current and latest topics
 - Student seminars on selected reference topics
 - Participation in quiz, debate etc
 - Student project work based on theoretical data/practical work/survey data/case studies

Advanced learners are identified with reference to their interaction with teachers and based on their performance in the class and by tests/examinations. The advanced learners are encouraged to participate in national and international level seminars. Encouraged to participate intercollegiate/inter university level in essay writing/debate competitions. Also, encouraged to participate in inter-institutional academic events and allied activities.

The faculty identifies the advanced learners on the basis of classroom interaction and their performance in internal assessment and term end examinations. The faculty motivates the advanced learners through following measures:

2.3 Teaching-Learning Process

2.3.1 How does the university plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

- Before the commencement of the session, the Faculty Council oversees the preparation of the Academic Calendar, of at least 90 teaching days for each semester, to be followed strictly by each academic department. The calendar specifies the working days for teaching-learning as well as the dates of the end-semester examinations. The departments enjoy the liberty of fixing the dates of internal assessment of their own students. Teachers of every department prepare teaching plans according to the academic calendar and students are informed about this teaching schedule at the beginning of the semester.

Every department makes schedule for internal assessment at the beginning of the semester and it is notified to the students. The results of the internal assessment are given to the student within a short period of the examination. Students are allowed to see the answer scripts of the internal examinations after evaluation. Semester examination is conducted after a brief preparatory leave. The answer scripts of theoretical papers are evaluated by the internal as well as external examiners. Twenty five percent of total papers of a semester are evaluated by the external examiners. The practical examinations are conducted and evaluated by the internal as well as external examiners (mandatory). The controller of examination fixes a time frame for publishing the results.

2.3.2 Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- Academic departments usually provide their students with the course-outlines as well as course-schedules at the beginning of the academic session. Since the course-schedule is framed strictly in accordance with the academic calendar prepared by the university, this facilitates the teaching-learning process.

2.3.3 Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

- As things stand today, the PG departments have to depend on the timely publication of results at the UG-level where the semester-system is yet to be introduced, for the fullest utilization of the academic session (particularly) in the first semester. The office of the Controller of Examinations is taking all possible measures to ensure early publication of results at the UG level, which include spot -evaluation of the answer-scripts.

Normally the curriculum is completed within stipulated time frame and calendar. If there is any difficulty in this regard it is solved by arranging extra classes. Except for the loss of working days caused by natural calamities, the curriculum plan goes as per schedule. The institutional measures to overcome challenges include additional classes on Saturdays and extra teaching hours during weekdays.

2.3.4 How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge

management.

- ➡ Depending on the nature of the subjects taught, the students are given practical training in laboratories, encouraged to undertake field-studies and project-work, prepare term papers and dissertations, and give seminar-presentation etc, all under the watchful eyes of their teachers. Laboratories are always made accessible to the students for the learning/research purposes. The internet facilities are shared by the teachers and the students for access to data-base and e-journals. Students are also encouraged to present papers in seminars/conferences both in their own departments as well as in those of other universities and publish articles singly or jointly with teachers.

Since the University values the individual and encourages the personal, intellectual and professional development of its students, the learning strategies that promote critical, creative and ethical thinking are adopted to enhance the student-centric learning process.

- Accordingly, the students are involved and kept engaged in a variety of participatory learning activities like Case Presentations / Seminars, Small Group Tasks, written Assignments, Field Work / Projects, Dissertations, Article reviews etc.
- Learning is made student-centric by promoting participatory interaction in the classroom. This requires active-teaching-learning methods.
- In other departments, group learning activities viz., discussion on research papers, reviews and videos, student seminars etc., are encouraged for better classroom participation, some other departments use open-ended assignments and encourage students to use Internet and other resources.
- Further, the various participatory learning activities given to the students across many departments include:
- Writing assignments on specific topics. Students are asked to choose a topic in an emerging area of their choice to write an assignment/ report and/or for class seminar presentations.
- Students are given an opportunity to choose a published research paper from highly indexed journals and make power point presentations in the class seminars for debate.
- Occasional discussion sessions/academic gatherings are held for nurturing problem solving skills.
- Learning is made student-centric by organizing the student seminars. Each advanced and keen learner is assigned a topic for the seminar. Group discussions, case studies and role plays are also used. Implementing a project also enables a student to develop advanced skills. For holistic development Laboratory work / Practical exercises, Field visits, Group discussions / Seminar Assignments based on Lab work/ Fieldwork, Visit to industries / institutes, Study tour and Power-point presentations and other ICT based programmes are regular feature of the curricula.
- The classroom lectures are supplemented with audio visual aids especially in the form of PowerPoint presentations along with traditional black board module. In addition to this web-based learning, online lectures, and popular lectures are appended by the faculty and experts from other agencies to enrich the knowledge content.
- Assistance is given to the students for effective presentations in seminar sessions. In several departments the faculty members have initiated the

“dialogical concept of education”, wherein there is an active dialogue between the teacher and the student and this continuum is maintained during the next class, so there is no interruption in the academic interface between the teacher and the student.

- The University has a culture of student centric education and learning. Efforts are also made at the University level as well as at the Departmental level to ensure student centric learning and knowledge management by:
 - a) Using ICT tools in the classrooms
 - b) Providing library facilities for self – learning
 - c) Organizing seminars, conferences, workshops, symposia and debates
 - d) Ensuring holistic development and enhancing student learning with the help of following activities:
 - Poster presentation
 - Group discussion
 - Paper preparation and presentation at conferences
 - Seminars/Workshops
 - Quiz competition
 - Participation in research competition (*Avishkar*)
 - Brain storming sessions
 - Interaction with community for learning
 - Group projects by the students
 - Educational tours / field work

2.3.5 What is the university’s policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

- ➡ The university provides funds annually from own fund to all departments to organize seminars/conferences; to facilitate the inclusion of out-of-the-state and international experts, it provides extra financial help over and above regular grants. The university organizes endowment lectures annually so that eminent persons may be invited. The departments are advised to see to it that the academic deliberations in the seminars and the lectures delivered by the experts are geared to the need of the students.

University permits and encourages teaching staff to organize national / international seminars, conferences, workshops etc. which provides a platform to invite experts / people of eminence to deliver lectures and share their experiences. Eminent professors/scientists are invited every year to departments to deliver lectures on current topics.

Visiting faculty is invited regularly to complement the permanent and guest faculty to complete the courses as well as to share their research and teaching experiences with students. For this, the Departmental Council makes a list of renowned persons to be invited. The list is approved by the Vice Chancellor and depending upon the slots available in the time-table the Visiting faculty is invited for a period of one week or so. During such lectures by experienced persons, specialized requirements are identified from the students’ feedback and are used to plan for future sessions.

2.3.6 Does the university formally encourage blended learning by using e-learning

resources?

- ➡ The university provides funds annually from own fund to all departments to organize seminars/conferences; to facilitate the inclusion of out-of-the-state and international experts, it provides extra financial help over and above regular grants. The university organizes endowment lectures annually so that eminent persons may be invited. The departments are advised to see to it that the academic deliberations in the seminars and the lectures delivered by the experts are geared to the need of the students.

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Although the university does not issue any formal guide-lines for the use of e-learning resources by its teachers, it makes available to the teachers e-learning-resources which they might use while teaching in the classroom.

The University encourages blended learning by using e-learning resources. The computer aided learning is given priority in our educational system. The internet connections made available in all the departments and the library enhance the scope of e-learning.

The free access intranet connection in the University offers an interactive facility among the departments of study to share and support each others' needs. It provides an impetus to inter-disciplinary research and availing the database for investigative exercises in each other's domain. The students can enjoy the benefits of open source learning materials, online educative resources and special purpose software.

University is trying to adopt blended learning using e- learning. In the near future University is also planning to host recorded lectures on the Moodle.

The University departments have 24x7 Internet access and are connected with high-speed broadband facility. Almost all the departments also have LAN facility. Students are always encouraged to take tutorials in electronic form and are also advised to refer to the Goggle Search / Scopus for appropriate Journals and review papers.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

- ➡ The teachers habitually use e-learning resources to enhance their teaching quality; students are encouraged to use e-learning facilities like the internet available at the university.

A variety of modern teaching-learning aids are used for classroom teaching in almost all teaching departments. LCD Projectors, Interactive boards, e-podiums with panel, and computers are actively used to prepare and deliver classroom lectures. Internet facility is also available to students for on-line exposure to the latest developments in the related subjects.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

- ➡ There is no formal mechanism in the University in this regard. However, individual teachers on their own maintain constant interaction with peers and their knowledge base update. The same is then integrated at different levels in the teaching and research processes.

- There is no formal designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community as such.
- Much of the e-Learning initiatives at the University have been through informal mechanisms or are due to initiatives by group of faculty members.
- Several informal talks/presentations were given by visiting experts to sensitize the students regarding open source community.

2.3.9 What steps has the university taken to orient traditional classrooms into 24x7 learning places?

- ➡ In an era of e-learning and information-boom, education can no longer be imparted exclusively within the four walls of the class-room. The teaching-process often spills over beyond the class-hours into the social-networking sites where teachers and students interact over matters taught in the classroom and exchange information about seminars, examinations etc. With the LAN system now in place in parts of the campus, such interaction between the teachers and the students, through free use of the internet, can take place any time with a mere click of the mouse.

2.3.10 Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

- ➡ Though, the services of Counselors, Mentors have not been provided in a formal way, there is an informal way of counseling the students regarding their academic, personal, psychological, and social problems. Sufficient care is taken in each individual case. The Students' Welfare Committee, The Committee against Sexual Harassment, Internal Complaint Committee and Health unit have been attending to and shouldering the responsibility. Since most of the teachers stay on the campus, they are constantly available to the students for guidance and advice.

2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use

by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- ➡ In the last few years, many teachers have developed ICT enabled course material. These are provided to the students in the form of CD or they are given facility to take soft copies of the same. Most of the departments are supplied with audio visual teaching aids which are also used to teach students. Learner centered activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises and field work are followed.

Yes, the following innovative teaching approaches/ methods/practices adopted by the faculty in the Departments.

- e - learning
- Think pair share among the students e.g. lab work, computer work, assignment, library work,
- Group discussion
- Poster Sharing among the research
- Brain storming on issues/problems students, special
- Panel discussions
- Seminar presentations
- Concept mapping by the students and teachers
- Blended learning (multiple use of learning strategies and styles)

There is a positive impact on the students with these methods adopted in teaching-learning activities. The impact is measured on the basis of participatory approach by the teachers, students' vertical advancement, students' involvement in academic and research programmes, performance in various examinations and placements.

2.3.12 How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- ➡ Students are encouraged to participate in state-level and national competitions held both within the institution and outside to showcase their creative abilities; students of this university have regularly won prizes in such competitions. In order to instil a scientific temper, the university holds talks and seminars in collaboration with organizations like Paschim Banga Bijnan Mancha that work to disseminate knowledge about the deadly effects of superstitions and regressive social practices.

At our University the culture of instilling and nurturing creativity and scientific temper among the learners is primarily through:

- Theme-centric discussions, class seminars, conferences, expeditions, dissertations and guest lectures by subject experts
- With the introduction specific courses in emerging areas, field trips/industrial visits to scientific institutions/museums, participation in science exhibitions instil and nurtures creativity and scientific temper among the students
- Encouraging students to undertake M.Sc. Dissertation/minor project as a part of their course work

- Further, the open-viva for Dissertation Presentation enables students to enhance their presentation skills and confidence levels
- The University creates an ambience that nurtures creativity and scientific temper in the following ways:
 - Make the classroom sessions interactive, thought provoking and challenging
 - Cultivate in students critical thinking
 - Creative assignments and seminars
 - Participation in National and International Seminars, Workshops, Conferences etc., in their field of expertise
 - Inviting eminent experts to address and interact with the students to trigger curiosity and the spirit of scientific exploration
 - Undertake research projects
 - Organize exhibitions on path-breaking discoveries in science and technology

2.3.13 Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

- **Number of projects executed within the university**
- **Names of external institutions associated with the university for student project work**
- **Role of faculty in facilitating such projects**
- **Number of projects executed within the university**

- ➡ Many of the academic departments of the university include students' project in their curriculum and treat them as mandatory. Out of the 28 departments in the University, student projects are mandatory in 22 departments. The percentage of marks allotted for such student projects ranges from 50 marks out of a total of 800 to 300 marks out of a total of 4500.

Names of external institutions associated with the University for student Project work:

The University has just taken initiatives in this regard.

Role of faculty in facilitating such projects:

The faculty guide students throughout; they go on field trips with students and facilitate their work at institutions all over the state.

2.3.14 Does the university have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- ➡ Over the years the university has filled its posts with teachers capable of meeting the growing demands of the curriculum. While the overall aim is to be self-sufficient, the departments sometimes choose to invite teachers from other universities for the benefit of the students. Every year many departments invite Visiting Professors and Fellows and organize Extension Lectures; care is taken to invite such faculties from universities outside the state and, if feasible, from abroad too.

The University is blessed with highly talented and dedicated faculty with 60% staff either having Ph. D or pursuing PhD near completion. The faculty student ratio is 2454:59. In case of short fall, the University engages paid Research Scholars for assistance in practical classes.

Yes, University has a well-qualified faculty selected at national level with diversified areas of specializations which is available to design, develop and implement curriculum.

Yes, the teaching faculty of the University comprises specialized fraternity in different fields to address the requirements of the curriculum. However, resources from faculty of other departments support the inter-disciplinary aspects of each department.

Yes, the University has a well qualified pool of human resource as the entire faculty members are selected and promoted through a rigorous mode of selection as prescribed by the UGC and procedures laid down by the State Government. The faculty members are also continuously engaged in teaching and research and quite a few are also into administrative work of the University.

Despite high quality, there are an inadequate number of the faculty as per the sanctioned positions and actual requirements. This deficiency is partially filled up by a pool of Guest Faculty,

2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the university for such efforts?

- ➡ The faculty has access to computers with internet facility round the clock and they can now also reap the benefits of the LAN now in place in all parts of the campus and make use of the data base and the e-journals subscribed to by the university. The Faculty members often upgrade themselves by attending training programs / workshops on ICT arranged in the university or other organizations.

The University encourages all teaching departments for adopting the use of Information Communication Technology (ICT) for teaching as a part of common teaching strategy. The entire faculty has been provided with PCs/desktops with internet facility and IP-based intercom right at their tables. For details of learning materials, reference is invited to Section 4.2 and its sub-sections.

The faculty uses the department computers and LCDs for preparing power point and other teaching materials.

Facilities such as audio visual aids, microphone, LCD projector, high resolution cameras, digital document camera, language speech lab, LCD, tape recorder and television are available in this perspective.

2.3.16 Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

- ➡ The university has just initiated a system of evaluation of teachers by students. Students are asked to evaluate the qualities of teachers in terms of their over-all performance in the class-room and regularity of attendance. The feedback is kept confidential and teachers are expected to take it into account in upgrading their performances.

Yes, the IQAC has generated Feedback forms and distributed to the departments to be circulated to the students and alumni. There are three forms that are filled by the students at different phases of their career and submitted to the department. The feedback is analyzed by Departmental Council and appropriate action is taken within the purview of rules and regulations of the University. Alumni generally tend to offer their feedbacks mostly informally during their interaction with University faculty and administration.

The University has recently evolved a formal mechanism for obtaining feedback from the students as well as alumni about the teachers.

2.4 Teacher Quality

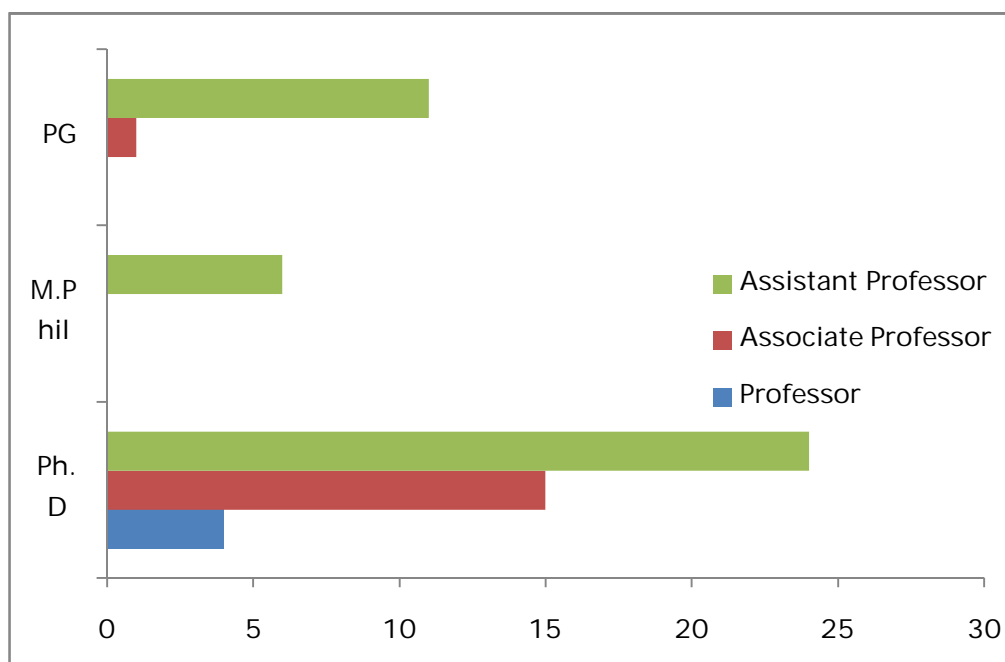
2.4.1 How does the university plan and manage its human resources to meet the changing requirements of the curriculum?

Gour Banga University's recruitment policies are determined by UGC regulations and State Government guidelines. Internally, enrichment of its human resources, in the form of its teachers, is done by the university through regular orientation and refresher courses, organization of seminars, workshops, seminars, colloquia and symposia which enable its teachers to keep abreast of developments in the wider world of academe, both nationally and internationally.

2.4.2 Furnish details of the faculty

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	04	--	13	02	21	03	43
M. Phil.	--	--	--	--	04	02	06
PG	--	--	01	--	08	03	12
Temporary teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--

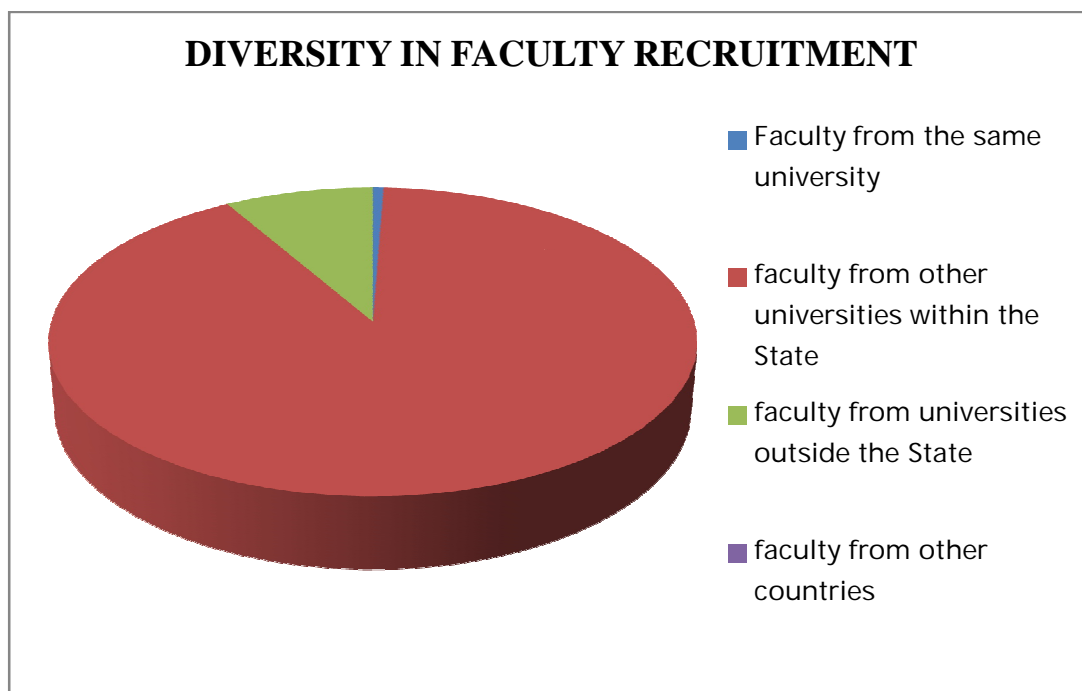
PG	--	--	--	--	--	--	--
Part-time teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG	--	--	--	--	--	--	--



2.4.3 Does the university encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Department / School	% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
Department of Arabic	0	33.33	66.66	0
Department of Bengali	0	100	0	0

Department of Botany	0	100	0	0
Department of Chemistry	0	70	30	0
Department of Commerce	0	100	0	0
Department of Computer Science	0	100	0	0
Department of Economics	0	100	0	0
Department of Education	0	100	0	0
Department of English	20	80	0	0
Department of Geography	0	75	25	0
Department of History	0	100	0	0
Department of Mathematics	0	100	0	0
Department of Philosophy	0	66.66	33.33	0
Department of Physics	0	100	0	0
Department of Political Science	0	100	0	0
Department of Sanskrit	0	100	0	0
Department of Sociology	0	100	0	0
Department of Zoology	0	100	0	0



2.4.4 How does the university ensure that qualified faculty are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

The University was established in the year 2008, therefore a significant numbers of faculty members are recruited in the last four years.

2.4.5 How many Emeritus /Adjunct Faculty / Visiting Professors are on the rolls of the university?

- ➡ A significant number of adjunct faculty and visiting professors are on the rolls in the various Departments of the University. The list is enclosed in the concerned departments.

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/ seminars, in-service training, organizing national/international conferences etc.)?

- ➡ The faculty members of the UGB are allowed to attend seminars, conferences, training within India and abroad. The Departments are organizing seminars and conferences with the grants received from various funding agencies. The University grants study leaves to its faculty for higher research at nationally and internationally renowned institutions.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

➡ Nil.

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programmes	Number of faculty
Refresher courses	39
HRD programmes	--
Orientation programmes	39
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, workshops, etc.	04

2.4.9 What percentage of the faculty have

- **Been invited as resource persons in Workshops/Seminars / Conferences organized by external professional agencies?** 25%
- **Participated in external Workshops /Seminars / Conferences recognized by national / international professional bodies?** 90%
- **Presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies?** 80%
- **Teaching experience in other universities /national institutions and other institutions?** 10%
- **Industrial engagement?** Nil.
- **International experience in teaching?** Nil.

2.4.10 How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

The University follows its ordinance for above academic development programmes. It regularly organizes academic development programs as per the requirement. It has also organized various curriculum development programs inviting stake holders and academicians.

2.4.11 Does the university have a mechanism to encourage

- **Mobility of faculty between universities for teaching?**
The university regularly invites renowned faculty from other universities and institutes.
- **Faculty exchange programmes with national and international bodies?**
The University is yet to make policy in this regard.

- If yes, how have these schemes helped in enriching the quality of the faculty?

N. A.

2.5 Evaluation Process and Reforms

2.5.1 How does the university ensure that all the stakeholders are aware of the evaluation processes that are in place?

- The entire faculties of the University and of its affiliated colleges are aware about examination and evaluation procedure of the University and subsequent reforms. The University has Examination Committee to look after the entire examination and evaluation procedure. The members of all U.G., P.G. Board of Studies and Board of Research Studies are made party to look after the examination and evaluation process of concerned subjects. The teachers are invited for central spot evaluations and updated about evaluation system of the university. The exam and evaluation processes are updated and incorporated in the University Prospectus. Results are always displayed on the Website and Notice Boards. Examination related notices are regularly issued for wide publicity to the concerned Department/Faculty and students.

2.5.2 What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

- The University has adopted semester system for teaching and continuous assessment scheme of evaluation in the P.G. courses. In each of the subjects, the unit tests (continuous evaluation) are held followed by end-semester examination. However, in most of the U.G. courses of the University's constituent colleges, the examinations are taken on yearly basis. The University has recently implemented Optical Mark Recognition (OMR) method for its compulsory courses at the U.G. level. A percentage of the total marks of the electives and honours will also be evaluated through OMR. However, this implementation will put into practice from the present academic session. The P.G. admission test is also taken through OMR method.

2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the Publication of examination results (e.g. website, SMS, email, etc.).

- The University has a very good reputation on publishing its results especially in its Under Graduate Courses as well as in its Post Graduate Courses. The final year's result of the U.G. Honours courses are published within 30 Days of the final examination. The Academic Calendar is provided by the university well in advance for every year. The schedule for conducting the examinations, evaluation and declaring results is achieved as per academic schedule of the university. There is hardly delay for declaration of results. The publication of results is uploaded on the website.

2.5.4 How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

- ➡ The University follows complete transparency in the evaluation process. All the examinations (including end-semester) results are made known to the students / concerned research scholars immediately after the evaluation. The University has the system of rechecking and revaluation. The University also has provisions to employ external examiners in its evaluation process.

Confidentiality:

- Examiners are recommended by the BOS of the concerned Departments.
- Coding of the Answer Books is being done in number of courses.
- Roll Numbers are allotted to the candidates which differ from the Faculty numbers to ensure confidentiality.

Transparency:

- In case of any grievance from the Examinee, the Re-evaluation of the answer books are open in each course/paper.
- Compulsory Scrutiny of all the answer books is done by other scrutinizers appointed for the same.
- Head Examiners ensure that the evaluation of all Answer Scripts is done as per norms.
- Student can obtain the copy of answer book through RTI

2.5.5 Does the university have an integrated examination platform for the following processes?

- ➡ The University has a full-fledged office of the Controller of Examinations to look after the following examination related processes.

❖ **Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.:**

The Controller of Examinations Section of the University, with the help of its enlisted confidential agency creates an exclusive platform to integrate the following processes:

- Preparation of Application forms
- Preparation of the computerized list of registered students for each paper to send them to the respective examination centres for seating arrangement.
- Preparation of Nominal Rolls
- Preparation of Admit Cards

❖ **Examination process– Examination material management logistics, etc.:**

University has the provision to employ experienced confidential agency for typing, printing and copying and all work/ activities related to Examination material. The Examination material to the Examination Centres within the campus is delivered and collected under security with confidentiality by the University staff. However, for the outstation Examination centre, all the confidential materials are kept in the nearest police station.

❖ **Post-examination process – Attendance capture, OMR based exam result, auto processing, generic result processing, certification, etc.:**

- The result processing is done with the confidential agencies.
- Results are notified within stipulated time on the website and individual notice boards
- The Award list is made available to the students.
- Certification is done at the time when the candidates apply for it.

2.5.6 Has the university introduced any reforms in its Ph.D. evaluation process?

- The University has adopted the UGC Regulations of 2009 on M. Phil and Ph.D. degrees, which expects the research scholars to go for Pre submission seminars, publication of research papers and other requirements before the final submission of the thesis.
- The University has already adopted the UGC guidelines in respect of admission and evaluation of Ph. D. Programme.
- Consequently the University has amended its rules for evaluation of Ph. D. Thesis such as: Introduction of course-work, pre submission seminar and publication based on the research.
- Ph. D Thesis will be evaluated by two External Examiners of which one has to be from outside the State. Further, soft copy of the thesis will also to be sent to the examiners, and the manuscripts, after award of the Degree, will be uploaded on the website as per the UGC norms.

2.5.7 Has the university created any provision for including the name of the college in the degree certificate?

Yes, in the degree certificate, the name of the concerned college is mentioned.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations?

The University has provisions in its Academic (Ordinances) for the redressal of grievances with reference to examination and the following mechanisms are available:

- Post-publication re-evaluation of Answer Scripts
- Post-publication of scrutiny

Further, a candidate may obtain the photocopy of his Answer Script under RTI.

2.5.9 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The following efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations:

- Spot Evaluation for University U.G. Examinations has been implemented.
- Examination copies have been made Tamper Proof.
- Computerization of results has been implemented.

- New Counter for collection of Application Form/fee collection has been provided.
- Online Payment on Gateway for collection of fee.
- Digitization of students' examination registration as well as results has been implemented.
- Admission processes have been made transparent and responsive to any grievance.

2.6 Student Performance and Learning Outcomes

2.6.1 Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

Yes, the graduate attributes of the University are articulated in its mission statement. The graduate attributes are articulated institutionally and periodically in various forum of the University including in the class room, seminars, symposia and workshops. The importance of knowledge, development of skill, technology application, communication and presentation ability and research culture and ethics are highlighted and emphasized in the UGC curriculum. The university too, in its Mission, speaks of these attributes to be achieved. The curricula of different courses of the University are planned and designed to achieve the articulated attributes set by the UGC as well as the University. This is done through teaching, learning and evaluation process by adopting participative learning.

2.6.2 Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

The academic programmes of the University are outcome based. While some Departments have specified them, the others are following it in traditional manner. Skill & performance leading to employability of the pass out graduate/ post graduates/ doctorate in different regional / national organizations and industry sector/ self employment sector in the country / abroad are the learning outcomes. Planning of the lessons and its implementation by the faculty is done keeping in view the learning outcome. The learner is acquainted with the learning outcomes at the induction program by the Departmental faculty. The University has proposed to start the following learning objectives, in addition to discipline-specific objectives:

- English Communication skills, including oral (speaking and listening) and written (writing and reading) skills.
- Interpersonal skills, including the ability to lead and to work cooperatively with others.
- Computational skills, including applications of statistics.
- Information competency skills.
- Multicultural awareness, including respect for people unlike yourself and the ability to take perspectives of and to interact positively with groups other than your own.

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

- ➡ The University's teaching, learning and assessment strategies have been structured well to facilitate the achievement of the intended learning outcomes. The learning and assessment strategies encompass a modular approach that consists of three basic concepts: creating learning objectives, implementing learning value to the students and assessment of learning outcomes through feedbacks. The learning outcomes are created by designing the course syllabi that could address contemporary issues and is meaningful to the present day needs of industry/ society. The strategy is implemented by adopting a systematic approach to curriculum design, structuring the time-table to implement the curriculum so that the courses are delivered to the students most effectively. Implementation also includes the contemporary pedagogy that is able to create learning a meaningful component for enhancing the knowledge and skills of student. And the assessment of learning outcomes is ensured through feedbacks from the students of every semester.

2.6.4 How does the university collect and analyze data on student learning outcomes and use it to overcome the barriers to learning?

- ➡ The learning outcomes are collected through the regular informal interaction in the classes, periodical tests, internal assessment scheme, seminar presentations, small project reports and semester examinations. The respective teachers discuss at the staff meeting the common areas and difficulties such as language and communication skills, technology awareness faced by the students. The IQAC regularly examines the academic progress with the help of the Departmental Heads and other administrative officers of the University through the above mentioned relevant data. These are also discussed and addressed in a common manner in the classrooms for the benefit of all students in general. As per the guidelines of IQAC, the University distributes student feedback-form through the Departments and collects the same. The student feedbacks are analyzed and modifications, if any, are implemented time to time.

2.6.5 What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

- ➡ The University has taken several measures to improve the teaching, learning and evaluation processes in tune with the available technology enabled dynamic tools. Modern electronic gadgets, media, internet resources, teaching aids etc. along with skilled and knowledgeable teaching personnel from various subjects' are being engaged to impart teaching. The PG departments are well equipped with teaching aids like computers, Projectors etc. Every classroom is connected with internet facilities. Every teacher uses laptop-computer and projector in the classroom for effective teaching. Moreover, the University will finish its set up of the ICT enabled SMART classroom very soon. The students are free to interact and get their doubts cleared in the classroom itself. It is followed by adoption of highly authenticated and transparent procedure of evaluation.

Any other information regarding Teaching, Learning and Evaluation which the university would like to include.

CRITERION- III:

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

- ➡ Yes, the University of Gour Banga has constituted a single university-wide Research Committee for its research projects. Apart from this, each Department has separate Board of Research Studies (BRS) to address issues related to research activities including M. Phil. and Ph. D. Doctoral and other research projects are discussed and passed at the concerned BRS. It is constituted with internal as well as external members in accordance with the ordinance of the University:

Function of the BRS:

- To monitor the progress of research conducted by the faculty and Ph. D students.
- To facilitate submission of research proposals by the faculty to various funding agencies.
- To consider all other matters related to research in the department.

3.1.2 What is the policy of the university to promote research in its affiliated / constituent colleges?

- ➡ The University does not have a similar policy yet. However, the same is under process pursuing the relevant provision laid down in the ordinance.

3.1.3 What are the proactive mechanisms adopted by the University to facilitate the smooth implementation of research schemes/ projects?

- ➡ The University has positive attitude and extend full support while implementing the research projects by the individual researchers within the framework of the University rules and regulations.
- ❖ **advancing funds for sanctioned projects:** No.
 - ❖ **providing seed money:** No.
 - ❖ **simplification of procedures related to sanctions / purchases to be made by the investigators:** UGB has simplified procedure to purchase the materials and equipments required under research projects.
 - ❖ **Autonomy to the principal investigator/coordinator for utilizing overhead charges:** Yes.
 - ❖ **timely release of grants:** Yes.

- ❖ **timely auditing:** Yes.
- ❖ **Submission of utilization certificate to the funding authorities:** Yes.

3.1.4 How is interdisciplinary research promoted?

- **Between/among different departments /schools of the university and Collaboration with national/international institutes / industries:** UGB is yet to start the interdisciplinary research projects between/ among its departments. However, the University has started to sign several MoUs specifically for research projects with other national institutes and Universities to encourage its faculty members to submit the collaborative research proposals. For example, the University has already signed a collaborative research project with the Department of History, Jadavpur University on “Environmental History”.

3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the University to promote a research culture on campus.

- The University gives full freedom to all its departments for conducting workshops, training programmes, and sensitization programmes and also extends adequate financial and administrative support. In addition, the University also made provision to arrange the lectures of eminent personalities. This sort of fact is well reflected in the concerned departmental SSRs.

3.1.6 How does the University facilitate researchers of eminence to visit the campus as adjunct Professors? What is the impact of such efforts on the research activities of the university?

- UGB always invites eminent scholars and researchers to visit the university. Many departments have invited many eminent scholars for its research and development.

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

- UGB is a newly established state university, therefore the University is yet to build separate budget for promoting research in its campus. However, the University Court has already approved the proposal for the creation of Corpus fund to promote research.

3.1.8 In its budget, does the University earmark fund for promoting research in its affiliated colleges? If yes, provide details.

- No, the University has not been able to develop such a policy yet.

3.1.9 Does the university encourage research by awarding Post-Doctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the university and other sources.

- The University, till date, does not award Post-Doctoral Fellowships/ Research Associate ships.

3.1.10 What percentage of faculty has utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

- ➡ The University provides study leave to its faculty for conducting research in India and abroad. Three of its faculty members have already availed this leave and one is availing.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

- ➡ The greatest achievement of the University till date is the successful organization of the 71st Session of the Indian History Congress in the year 2011. Eminent historian Professor Irfan Habib, Eminent Historian Professor K. M. Panikkar, Professor Barun Dey, Professor Aniruddha Roy graced the occasion with his presence and lecture. The guest of honour of the programme was His Excellency Shri M. K. Narayanan Governor of West Bengal. Most of the departments have already organized national and international conferences and have also invited many scholars and eminent researchers to the campus. The Indian History Congress again become kind enough to give the opportunity to conduct the 76th Session of the Indian History Congress scheduled to be held on December 27-29, 2015.



His Excellency Shri M. K. Narayanan Governor of West Bengal addressing at the 71st Session of Indian History Congress



Professor Irfan Habib was conferred with honorary D. Litt of Assam University by the Hon'ble Vice-Chancellor Professor Gopa Dutta at the 71st Session of Indian History Congress



Panel discussion at the 71st session of Indian History Congress



Tribal cultural function on the occasion of 71st History Congress.



Performance of Malda's folk culture, Gambhira on the occasion of 71st session of IHC.

3.2 Resource Mobilization for Research:

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

- ➡ Till date, UGB has no separate budget provision for the students' research projects as the the University is yet to gain the 12B recognition from the UGC. As part of the curriculum, the students of most of the departments have to pursue research related activities for the completion of the degree.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

- ➡ The University always encourages the faculty members to undertake projects which would give rise to patents. No patent filing has been made so far. The Department of Chemistry, for example, has already approached for the same.

3.2.3 Provide the following details of ongoing research projects of faculty:



a. University Awarded Projects

Type	Principal Investigator	Year	Name of the project	Name of the funding agency	Total grant received
Major	Nil.	Nil.	Nil.	Nil.	Nil.
Minor	Nil.	Nil.	Nil.	Nil.	Nil.

b. Other agencies - national and international

Sl. No.	Principal Investigator	Year	Name of the project	Name of the funding agency	Total grant received
1.	Dr. V. Mandal	2013	Evaluation of the microbial diseases of mango plants in Malda district of West Bengal and its control by biochemical agents	DST, New Delhi	6 lakhs
2.	Dr. Mohabul Alam Mondal	2014	Design and Synthesis of 2-aminosugar-based Organocatalysts for On-water Enamine Based Asymmetric Reactions	DST-SERB File No.: PMR/2014/00 0542	40 lakhs
3.	Dr. Sougata Pal	2014	Understanding the Electronic Structure of Organic Dye Inorganic Semiconductor Nanohybrid Materials for the Design of an efficient Dye	DST Fast Track File No.: SB/FT/CS-035/2014.	24.88 lakhs

			Sensitized Solar Cell'		
4.	Dr Jhadeswar Ghosh	2015	Climate Change And Disaster Management: Philosophical Approaches	ICPR-New Delhi	5.00 Lakhs
5.	Dr. Shyamapada Mandal	2014	Plasmid Mediated Bacteriocin Production And Antibiotic Resistance Of Lactobacillus Species And Their Antibacterial Potential Against Multidrug Resistant Pathogenic Bacteria	DST-SERB	12 lakhs
	Total grant:				87.88 lakhs

3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

- ➡ The University does not have industry/ corporate houses sponsored research project yet.

3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

- ➡ Four of the P.G. Departments of the University are recognized by national/ international agencies like DST-SERB and ICPR.

3.2.6 List details of

- ❖ **Research projects completed and grants received during the last four years (funded by National/International agencies):**

All the aforesaid projects are ongoing.

- ❖ **Inter-institutional collaborative projects and grants received:**

- **All India collaboration:** Yet to receive.
- **International:** Nil.

3.3 Research Facilities:

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- ➡ The University has been actively engaged in making new buildings (for creating research space), extending internet facilities and providing electricity and backup power etc to its faculty members and researchers.

3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

- ➡ No. But it has already taken initiatives to start the Information Resource Centre shortly.

3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

- ➡ No as such.

3.3.4 Does the University provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

- ➡ The University is yet to provide residential facilities to its research scholars.

3.3.5 Does the University have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

- ➡ A number of departments of UGB, like Botany, Chemistry, Computer Science, Physics, Zoology, have specialized labs. The constructions of language labs, social science lab are under process.

3.3.6 Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

- ➡ No.

3.4 Research Publications and Awards:

3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

- ➡ No. But the University is going to publish two research journal with ISSN very soon.

3.4.2 Give details of publications by the faculty:

- ❖ **Number of papers published in peer reviewed journals (national / international):**
570
- ❖ **Monographs:** 01
- ❖ **Chapters in Books:** 113

- ❖ Edited Books: 03
- ❖ Books with ISBN with details of publishers: 48
- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 287
- ❖ Citation Index – range / average: 0-100
- ❖ SNIP:
- ❖ SJR:
- ❖ Impact Factor – range/ average: 0- 4.45
- ❖ h-index: 0-10

3.4.3 Give details of

- ❖ faculty serving on the editorial boards of national and international journals: 26
- ❖ faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies: Nil.

3.4.4 Provide details of

- ❖ Research awards received by the faculty and students: 02
- ❖ National and international recognition received by the faculty from reputed professional bodies and agencies: Nil.

3.4.5 Indicate the average number of successful M. Phil. and Ph. D. scholars guided per faculty during the last four years. Does the university participate in Shodhganga by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

- ➡ Nil, as the University has started its M. Phil and Ph. D programmes from the academic session 2014-15.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

The University adopts the policy of zero percent tolerance to malpractice and plagiarism in research. Every stakeholders of UGB shall abide by the Code of Conduct for research framed by the University.

3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?

- ➡ No, the policy regarding this is under process.

3.4.8 Has the university instituted any research awards? If yes, list the awards.

The University has not instituted any research award yet.

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

- ➡ The University has no official policy on it.

3.5 Consultancy

3.5.1 What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

➡ The University does not have an official policy for structured consultancy yet.

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

➡ No.

3.5.3 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

➡ The University does not have university-industry cell yet.

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

➡ Yet to establish.

3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

➡ N. A.

3.6 Extension Activities and Institutional Social Responsibility (ISR):

3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

➡ The location of UGB is one of the most underdeveloped and backward regions of West Bengal and here the University plays a major role in the social upliftment of the people living in the vicinity of the area. As for example, the university has adopted one of the most backward and underdeveloped village, namely Parbatya, for all-around social as well as cultural development of the village.

3.6.2 How does the university promote University-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

➡ Through the Social outreach programmes organized by social works departments.

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

The university has created seven units of NSS, with 100 students in each unit. These units participate in various extension activities like special camps, Thalassemia awareness camp, environmental awareness, youth leadership camp, blood donation, tree sapling planting. The NSS units celebrate tree plantation programme on the occasion of World Environment Day every year and also hold workshop to raise environment among the students.



The Vice-Chancellor is planting tree on the occasion of World Environment Day 2015 at the UGB campus.



Blood donation camp at UGB in 2013

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

- ➡ Most of the departments conduct social survey in the capacity of fieldwork as part of the academic curricula.

3.6.5 Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

- ➡ Yes, concerned departments and NSS units monitor these activities.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

- ➡ Students of Gour Banga University are expected to have an understanding of society and social processes that go beyond the confines of the syllabus. Extension activities help them to achieve this. Students learning is enriched with local and regional issues related to community welfare particularly for the livelihood. The expected outcomes of the extension activities are social awareness, resource use, employment, health, education, etc.

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

- ➡ Details of community participation in activities can be found in the reports of specific NSS Units and academic Departments.

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

- ➡ Nil.

3.7 Collaboration:

3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

- ➡ The university is yet to take any successful venture in this regard. But, it is eyeing to collaborate with various national & international institutes/ universities, so that the collaborations may help the university in the following ways:
 - ❖ Promoting teaching and Research
 - ❖ resource and technology transfer
 - ❖ students and faculty exchange and support for students project
 - ❖ stimulated innovation
 - ❖ joint publications and projects
 - ❖ gaining national and international recognitions

3.7.2 Mention specific examples of how these linkages promote

- ❖ **Curriculum development:** Nil.
- ❖ **Internship:** Nil.
- ❖ **On-the-job training:** Nil.
- ❖ **Faculty exchange and development:** Nil.

- ❖ **Research:** Nil.
- ❖ **Publication:** Nil.
- ❖ **Consultancy:** Nil.
- ❖ **Extension:** Nil.
- ❖ **Student placement:** The University has founded a Central Placement Cell.
- ❖ **Any other (please specify):** No.

3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

- ➡ The University has just signed a MoU with the Department of History of Jadavpur University on “Environmental History”.

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

No.

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

CRITERION -IV:

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- ➡ University of Gour Banga is one of the two new state universities founded in the year 2007 and started its functioning in 2008. Therefore, the university didn't able to complete its entire proposed infrastructure. Mackintosh Burn Ltd., a Govt. of West Bengal Enterprise, has given the charge of infrastructural construction. The construction, till date, has done through the funds received from the West Bengal State Government. The first phase of construction is yet to be completed. The Planning and Development Committee facilitates the optimal utilization of grants for infrastructure development, particularly the construction of buildings and other large infrastructural components. The office of the Chief University Engineer is in charge of routine maintenance and acts in a supervisory capacity for large construction projects. The final approval for all large infrastructure projects is given by the university's highest decision-making bodies, the Executive Council and the University Court.

4.1.2 Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

- ➡ Yes, as per departmental requirement, infrastructure is renovated, modified and upgraded to promote a good teaching-learning environment.

4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

- ➡ The University is committed to improve the teaching – learning process with modern class rooms with all ICT enabled facility. There it has already started the procedure to set up eighteen 'SMART' classrooms, one each for all of the P.G. departments. The University has also provided laptop-computers to all of its faculty members and desktop-computers with high speed internet facility and printers to all the P.G. departments. Projectors are also given to all the academic departments.

4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

- ➡ Separate office and staff rooms are given to all the departments. Due to shortage of infrastructure, common room and separate rest rooms for students are yet to be provided.

4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?

- ➡ Yes, there is Ramp for Persons with disability (PWD). The University also has Centre for Differently Abled.

4.1.6 How does the university cater to the requirements of residential students? Give details of

- ➡
 - ❖ **Capacity of the hostels and occupancy (to be given separately for men and women):** The University is yet to finish the constructions of its hostels. However, it rented two separate hostels, one each for boys and girls, to provide the financially downtrodden students accommodation facility at a very minimal rate. Forty girls and thirty boys are given the opportunity of accommodation there. Preferences are always given to the SC/ST/OBC and BPL categories. And the distance also plays significant point of consideration for providing the hostels.
 - ❖ **Recreational facilities in hostel/s like gymnasium, yoga centre, etc:** Creations of facilities are under progress.
 - ❖ **Broadband connectivity / wi-fi facility in hostels:** Not provided.

4.1.7 Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?

- ➡ Yes, a health centre with highly qualified and well experienced doctors.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

- ➡ The University always encourages its students to participate in various national and state level cultural programmes and sports competitions but it is yet to provide special facilities to promote its students' interest in sports and cultural events/activities.

4.2 Library as a Learning Resource

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

- ➡ Yes, University of Gour Banga has a central library on the campus. It has an Advisory committee known as Library committee to look after the different functionaries of the Central Library as well as the departmental libraries.

Significant Initiatives:

- To collect and preserve rare manuscripts of different branches of learning.
- To introduce e books and journals in the IT Section of the Library through INFLIBNET.
- To collect and preserve various rare audios.
- To introduce various updated student friendly software.
- To collaborate with different renowned national/ international institutional libraries.
- To conduct workshops for creating library awareness among the students and scholars.
- To take relentless effort to update the stock of books.

Access of reading hall facility for 50 students (shortly to be extended for 100)

Access of reading hall facility for 20 teachers (shortly to be extended for 50)

Separate Internet facility Centre housed in Library building for teachers, scholars & students will be started shortly.

4.2.2 Provide details of the following:



- ❖ **Total area of the library (in Sq. Mts.):** 32,000 sq ft.
- ❖ **Total seating capacity:**

Reading Hall	150
Reference Section	25
Periodical Section Seating Capacity	20
Total:	195

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

Library facility on all working days	7 hours from Monday to Friday (10.30 A.M to 5.30 P.M) Saturday (10.30 A.M. to 3.30 P.M.)
Reading Hall facility	7 hours (10.30 A.M to 5.30 P.M)

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

No. The Internet facilities and the facilities of e-resources will be started very soon.

- ❖ **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection:** Yes.

4.2.3 Give details of the library holdings:



- ❖ Print (books, back volumes and theses):

Books:	12007
Indian Journals:	11
Back volumes of Journals:	171
Dissertations Reports :	279

- ❖ Average number of books added during the last three years: 4065/3
- ❖ Non Print (Microfiche, AV): Nil.
- ❖ Electronic (e-books, e-journals): Nil.
- ❖ Special collections (e.g. text books, reference books, standards, patents): Nil.
- ❖ Book Banks: Nil.
- ❖ Question Banks: Nil.

4.2.4 What tools does the library deploy to provide access to the collection?



- ❖ OPAC: No.
- ❖ Electronic Resource Management package for e-journals: No.
- ❖ Federated searching tools to search articles in multiple databases: No.
- ❖ Library Website: No.
- ❖ In-house/remote access to e-publications: No.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to



❖ **Library automation:**

The work of Library automation will be started very soon. A proposal has been sent to the Hon'ble Vice-Chancellor for implementing the library automation, which includes one server, 15 computers & SOUL Software (Unlimited version) which will be available from INFLIBNET Centre, Ahmedabad.

- ❖ **Total number of computers for general access:** Fifty (50) computers with high speed internet bandwidth for general access with a view to browsing and sharing e-information (online/offline) and as a step towards paperless library. Four separate OPAC nodes are operating for public access at the ground floor, near the entrance.
- ❖ **Total numbers of printers for general access:** Two jumbo printers with Xerox machine.
- ❖ **Internet band width speed:** 1 GBPS
- ❖ **Institutional Repository:**
Library has planned to develop following institutional repositories for the users:
 - Article Repository: published research papers/articles of the faculty members
 - Book Repository: published books of the faculty members and donated books.
- ❖ **Content management system for e-learning:**
Library has planned to develop content management system to provide enhanced access to remote and local electronic resources. The proposed system will include hyperlinks such as Library Links, Community/ University Links (Links to

conferences, fellowships, training programs), Quick Searches (search of databases including Internet) and ready reference shelf (master list of reference sources).

❖ **Participation in resource sharing networks/consortia (like INFLIBNET):**

University Library is going to have institutional membership to several organizations for sharing e-resources. Some of them are INFLIBNET Centre Ahmadabad, the British Council, Library, Kolkata.

4.2.6 Provide details (per month) with regard to



- ❖ Average number of walk-ins: 3,500 per month.
- ❖ Average number of books issued/returned: 1200 per month.
- ❖ Ratio of library books to students enrolled: 7:1
- ❖ Average number of books added during the last four years: 1160/ year.
- ❖ Average number of login to OPAC: To be introduced very soon.
- ❖ Average number of login to e-resources: N.A. till date.
- ❖ Average number of e-resources downloaded/printed: N.A. till date.
- ❖ Number of IT (Information Technology) literacy trainings organized: Initiative has already taken for the training.

4.2.7 Give details of specialized services provided by the library with regard to



- ❖ Manuscripts: Nil.
- ❖ Reference: Nil.
- ❖ Reprography/Scanning: Yes.
- ❖ Inter-library Loan Service: Nil.
- ❖ Information Deployment and Notification: Nil.
- ❖ OPACS: Yes.
- ❖ Internet Access: Yes.
- ❖ Downloads: Yes.
- ❖ Printouts: Yes.
- ❖ Reading list/ Bibliography compilation: Yes.
- ❖ In-house/remote access to e-resources: Nil.
- ❖ User Orientation: Nil.
- ❖ Assistance in searching Databases: Yes.
- ❖ INFLIBNET/IUC facilities: Nil. To be introduced very soon.

4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.



A total amount of Rs. 44, 30, 426/- have been spent to buy books. And approximately Rs. 25, 700/- have spent to buy journals. However, recently the Central Library of the University has received Rs. 1,20,00,000/- from the Resource Mobilization Committee and another Rs. 89,00,000/- from Higher Education Department of Govt. of West Bengal. The utilization of the amounts to purchase books and to avail e-resources will be made shortly.

4.2.9 What initiatives has the university taken to make the library a 'happening place' on campus?

Initiatives:

- Beautification and gardening around the library building will be started very soon.
- Designing a separate lounge area for the students near the front side of the library for group discussion, gathering will be started very soon.
- Organization of 'Granthmohatsava', the annual book fair exhibition will be held shortly.
- Periodic arrangement of awareness programs/training programs/ workshops/ seminars on information products and services for the knowledge of latest happenings in the field.
- Academic Resource Centre.

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?

- The strategies used for the improvement of the library services go on the following lines
- Suggestion Box
 - Maintenance of the claim record of most frequently read books
 - Submission of queries/ problems of users to the Librarian directly.

The feedbacks collected from these sources are analyzed in categories such as service, holdings, interpersonal communication and other such matters. Then it is placed before the library committee for necessary further action. It is observed that readers at times make useful suggestions for improvement in library services.

4.2.11 List the efforts made towards the infrastructural development of the library in the last four years.

- Extension of Library building (New Block)
- Purchases of Almirahs/ Chairs/ Tables/ Carpets etc.
- Facility of Glass partition for Divisions/Sections
- Separate four number of OPACs installed in Stack Section for the search.
- A separate faculty domain, text books, periodicals display.
- Thesis and dissertation and reference section has been created.

4.3 IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regard to



❖ **IT Service Management:** Yes.

The University has constituted I.T. Infrastructure Committee to look after its existing IT infrastructure and to improve computing/ networking capabilities and campus automation. The committee also makes decision for the implementation of various IT projects within the campus.

❖ **Information Security:** Yes.

The University has a firewall which serves the purpose of Information Security and Internet Security thereby providing security to the data available in the Servers and

disks of the numerous client nodes of the network through the Network Management System. The University has also purchased 350 Quick Heal Anti-viruses for the purpose of providing strong securities to its existing systems.

❖ **Network Security:** Yes.

Issues regarding the security of the campus wide LAN are also being taken care. Network Security appliances have been deployed with appropriate implementation of security policies.

❖ **Risk Management:** Yes.

Presently university does not have too many IT enabled services. Hence, the risk factor is minimal. However, the existing policies are in place for services.

❖ **Software Asset Management:** Yes.

For most of the softwares, the licenses are managed through their respective licensing servers.

❖ **Open Source Resources:** Yes.

The University always encourages the extensive use of Open Source Softwares.

❖ **Green Computing:** No

The University is yet to make policy in this regard.

4.3.2 Give details of the university's computing facilities i.e., hardware and software.



- ❖ Number of systems with individual configurations: 53
- ❖ Computer-student ratio: 01:20
- ❖ Dedicated computing facilities:

All the departments have dedicated computing facilities with high speed internet.

❖ LAN facility:

Campus wide network has been accomplished by providing LAN facility at each academic and administrative building. Each building covering each of its floors has been provided internal LAN cabling, connecting each of the client nodes to the network.

❖ Proprietary software:

Windows 8
Adobe Acrobat
Microsoft Office 2013
Adobe Photoshop
Corel Draw X6
Tally
spss
e-lewis
STATA
E-VIEW
MATLAB
MAPLE
Mathematica 2013
RGIS

SPSS
SERFER
21st Century Mapping

- ❖ Number of nodes/ computers with internet facility: 200
- ❖ Any other (please specify): Nil.

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

- ➡ University has planned to have its own Data Centre. All the standard ICT enabled services will be made available to its users and the stake holders. Smart Classrooms are also in pipeline for implementation. Every effort will be made to incorporate ICT services for facilitating seamless communication and delivery of services to the user community.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

- ➡ The university is yet to make policy in this regard.

4.3.5 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- ➡ The university is going to deploy new technologies to enhance student learning and evaluation process very soon. It has already implemented Optical Mark Recognition (OMR) system in the P.G. Entrance Test and in some of the papers at U.G. levels.

4.3.6 What are the IT facilities available to individual teachers for effective teaching and quality research?

- ➡ All the teachers are provided with individual computing facility with internet connection.

4.3.7 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

- ➡ The University is going to complete the construction of ICT-enabled classrooms soon.

4.3.8 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?

- ➡ High bandwidth internet connectivity with a dedicated uninterrupted individual laptop-computer paves the way to prepare and collect materials for teaching.

4.3.9 How are the computers and their accessories maintained?

- ➡ The University has dedicated technical staffs for the maintenance of computers, associated accessories, internet connectivity and the campus network.

4.3.10 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?

➡ No.

4.3.11 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

➡ UGB always allows access to Wikipedia, online dictionary and other educational and technical open source software access/download. However it denies access to sites not suitable for educational environment.

4.3.12 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

➡ There is no separate annual budget for the update, deployment and maintenance of computers in the university. However, full financial assistance is provided for each department/section as and when required for either procurement or maintenance of the computers.

4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

➡ University of Gour Banga has plans to start the collaborative teaching-learning process by using web-based tools.

4.4 Maintenance of Campus Facilities

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

➡ The University has an established engineering wing to carry out construction and maintenance of the buildings, classrooms and laboratories. Recently the University has undertaken greening the campus and maintaining proper landscape of the campus to improve physical ambience.

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.

➡ The infrastructural facilities on the campus are maintained by the Engineering Section. The section looks after the normal repairs and maintenance and services to keep the systems in reliable and safe. The Section is provided with required human resource who take care of minor maintenance. The major maintenance and repairs done by the section includes utility services and their distribution, exterior lighting on the roads and walkways and basic building systems including electrical, water, sewage, air conditioning systems etc.

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

CRITERION- V:

STUDENT MONITORING AND SUPPORT

5.1 Student Monitoring and Support

5.1.1 Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

- Yes, there is a very strong and vibrant system in place in the University for the dual purpose of student support and mentoring. This student support and mentoring is being done by the institution along three dimensions: academic, socio-cultural and placements. For this purpose, a Student Welfare Committee has been formed. This committee helps the students with wide varieties of issues including:
- Accommodation-related issues
 - Academic course, including support to procure books and necessary materials.
 - Financial matters, including help with students scholarships
 - Emotional support to advice on personal safety
 - Psychological counseling etc.

Moreover, each department, in informal ways, helps student for their all round development. Occasionally, the teachers arrange meetings with students to discuss about the problems and advise them on all academic matters. As, the university situated in one of the most backward region of West Bengal and as most of its students come from remote and interior areas, the university has taken a number student-support plans which are yet to be implemented.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

- Apart from the mainline class-room interaction, the faculties also mentor the students in the following manner especially pertaining to academics.
- Encourage to participate in student conferences
 - Encourage to start research early
 - Evaluation of study habits by mentors, advisors, wardens
 - Conduct of field work programmes directly related to course works
 - Participation in various community outreach programmes

5.1.3 Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

- The university is yet to make policy in this regard. However, the departments, in informal ways, always do the following for the well-being of its students:
- Clarify academic and career interests
 - Identify connections of the syllabus with career options
 - Discover job search strategies and make them available to the students
 - Identify skills and strengths
 - Write effective resumes and cover letters
 - Prepare and practice for interviews
 - Evaluate job offers from potential employers
 - Determine a course of action to meet career objectives

5.1.4 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

- No formal assistance is provided to students.

5.1.5 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

- Yes, the university publishes its prospectus each year prior to the P.G. admission process. The prospectus contains profile of the University, central facilities available to the students, faculty information, academic and support services, admission rules, course structures academic calendar etc. The prospectus of the university is made available in the university website.

5.1.6 Specify the type and number of university scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG / PG/M. Phil / Ph.D./ Diploma / others (please specify).

- There is a provision with regard to free-ship and assistance to deserving and needy students on a case to case basis. Apart from this, the students can avail the following scholarship:
- National Merit Scholarship/State Merit Scholarship (Central Government)
 - SC/ ST/ OBC Scholarships (State Government)
 - Minority Scholarship (State Government)
 - Scholarships granted for Muslim minority students by Wakf Board
 - Inspire Fellowship etc.

5.1.7 What percentage of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

- Since the University is located in the area where major percentage of the population belong to minority, schedule caste, schedule tribe and other backward castes, so most of the students use to get financial support from the West Bengal State Government as stipend. Other than this, a significant number of students receive financial assistance from the university also.

5.1.8 Does the university have an International Student Cell to attract foreign students and cater to their needs?

✚ Yet to establish.

5.1.9 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions? No.

5.1.10 What types of support services are available for

- ❖ **Overseas students:** At present there are no overseas students.
- ❖ **Physically challenged / differently-abled students:** All types of infrastructural facility as per MHRD is extended from Physical infrastructure, free-ships, scholarships, fee concessions, books, are provided.
- ❖ **SC/ST, OBC and economically weaker sections:** As per West Bengal Government norms.
- ❖ **Students participating in various competitions/conferences in India and abroad:** As per the regulations.
- ❖ **Health centre, health insurance etc:** There is a health care centre at the Campus.



Celebration of World Health Day

- ❖ **Skill development (spoken English, computer literacy, etc.)**
Yes, various workshops are arranged for skill development of the students.
- ❖ **Performance enhancement for slow learners**
Special coaching at department level is given to slow learners.
- ❖ **Exposure of students to other institutions of higher learning/ corporate/business houses, etc:**
Yes, a number of the students are exposed.
- ❖ **Publication of student magazines**
All the student magazines are published departmentally.

5.1.11 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

- Yes, departmentally. As a result, a significant number of students have cleared the NET/ SET and state Govt. Service Examinations.

5.1.12 Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies / schemes such as:

- ❖ **additional academic support and academic flexibility in examinations:**
- ❖ **Special dietary requirements, sports uniform and materials:** All the dietary requirements and sports kits are given to the students who participate in sports events.
- ❖ **Any other (please specify):** Nil.

5.1.13 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare them for interview, and develop entrepreneurship skills?

- The university has created a placement cell and the first campus placement is scheduled to be held on the first week of September, 2015.

5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

- No campus interviews were held so far.

5.1.15 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

- No.

5.1.16 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

- Yes. The University has a Internal Complain Cell (ICC) to redress all the grievance of its students. The grievances reported are academic matters, health services, and library and transport services. Students send their grievances to the Grievance officer over email or any other means. The cell redresses the grievances by sorting out the problems promptly and judiciously.

5.1.17 Does the university promote a gender-sensitive environment by a) conducting gender related programmes b) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

- Yes, there is a separate cell to deal with gender sensitivity issues related to sexual harassment. Gender equity, including protection from sexual harassment and right to work with dignity is the basic human right is the prime aim of UGB. The University holds Kanyashree Mela to grow empowerment awareness among its students folks:



Celebration of Kanyashree Mela, February 25, 2014



Kanyashree Mela, February 25, 2015

5.1.18 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 in these cases?

➡ Yes. The university has an anti-ragging committee.

The University strictly adheres to the UGC Regulations on “Curbing the Menace of Ragging in Higher Educational Institutions (2009)” as issued and amended by the UGC from time to time.

There is no instance of ragging at UGB so far.

5.1.19 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

- ➡ The stakeholders of the University are the students, parents, faculty, employees, alumni and society at large. There are several formal as well as informal ways that ensure synergy between faculty, parents, students and alumni. Regular interaction between students and faculty at the departmental level helps to resolve any problem in the way of mutual cooperation so that ultimately the University develops.

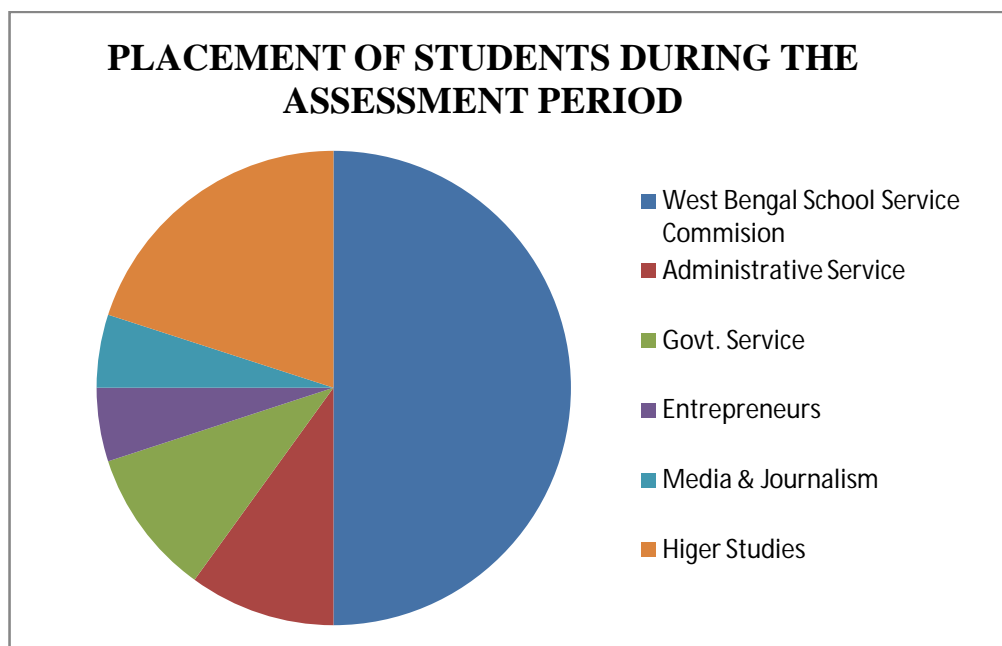
5.1.20 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

- ➡ In order to ensure the participation of women, the University rigorously follows the West Bengal government’s policy in this regard. Separate competitions are held in all games and sports activities for women.

5.2 Student Progression

5.2.1 What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

Student Progression		Percentage Against Enrolled
U.G. to P.G.		23
P.G. to M. Phil		3
P.G. to Ph. D		1
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	<ul style="list-style-type: none"> • (The First Ever career-fair will be commenced on September 04 & 05, 2015 at the University campus)
	Other than Campus Recruitment	30



5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

➡ The completion rate for all the programmes conducted in various departments of the University was 100% for all the four years under preview.

5.2.3 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defence, Civil Services, etc.?

Sl. No	Examinations	Qualified
1.	UGC-CSIR-NET (JRF)	22
2.	UGC-NET	66
3.	SET	13
4.	GATE	04
5.	State Services:	300

5.2.4 Provide category-wise details regarding the number of Ph. D/ D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

➡ No thesis is submitted to the university till date. The M. Phil and Ph. D programmes of the university have started from the academic session 2014-2015.

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

Annual Sports

2011	Athletics
	Cricket
	Football
	Volleyball
	Badminton
	Caroms
	Kabaddi
	Chess
2012	Athletics
	Cricket
	Football
	Volleyball
	Badminton
	Caroms
	Kabaddi
	Chess
2013	Athletics
	Cricket
	Football
	Volleyball
	Badminton
	Caroms
	Kabaddi
	Chess
2014	Athletics
	Cricket
	Football
	Volleyball
	Badminton
	Caroms
	Kabaddi
	Chess



Annual Sports Meet 2015, UGB



Annual Sports Meet 2014, UGB. The university has a cultural unit called “Poly Phony” to look after the annual cultural events. Every year, this unit arranges competitive programmes like debate, extempore, singing, quiz, painting, dancing etc.



Cultural Programme on Teacher's Day 2014

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

- The university is yet to get this kind of achievement.

5.3.3 Does the university conduct special drives / campaigns for students to promote heritage consciousness?

- Departmental educational visits are arranged through to the heritage places to appreciate the heritage splendor at the local and national level to create consciousness towards its preservation

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

- Students are encouraged to publish their material like magazines, wall-magazines, newsletters. Most of the departments have wall-magazines.

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

- No, the University does not have the student council.

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

- The student representatives are included in the following academic and administrative bodies of the University:
 - ❖ Internal Complain Cell
 - ❖ Committee Against Sexual Harassment
 - ❖ Faculty Council for Under Graduate and Post Graduate Studies
 - ❖ Anti-ragging Committee
 - ❖ Student Welfare Committee

- ❖ Student Support Committee
- ❖ Alumni Committee

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

CRITERION - VI:

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the university

Vision and Mission Statement:

- The University of Gour Banga was established through the West Bengal Act XXVI of 2007 at Malda, one of the most backward regions of West Bengal in 2008. With its glorious past the land of Gour Banga has been held in high esteem as a seat of learning from the hoary antiquity of the history of Bengal. Hence the foundation of the University of Gour Banga on this illuminated land in a momentous moment of 2008 is one of the memorable events in the educational and the social history of North Bengal. The occurrence inevitably plays a vital role of a catalyst to bring about social changes especially among educationally backward and economically diffident Muslims and other tribal and backward communities of the region. The University, in fact, started its journey with a firm vision to enkindle the ever effulgent light of knowledge and research intent of the students of underprivileged class and communities so that they can achieve high academic standing and redeem their innate potential. Being surrounded by a rural setting with enormous human resource and diverse Nature, our beloved University is determined to pay back something significant to the society by means of rendering a centre for its faculties who will embody the spirit of excellence in teaching, research, scholarship, creative activities, and community engagement. And the mission of all sections of faculty members of this University is to contribute their best for fostering morally distinguished, ethically grounded and socially compassionate students who will evolve a breakthrough in regard to varied social evils and problems. Even more, in search of attaining the status of one of the leading centres of learning, research and professional training, the University looks forward to its future with a note of confidence. Therefore, in the coming years, the University will surely be able to cater its best services and benefits to its students to make them fit for combating local, national and global challenges and, positively respond to community needs of this part of Bengal.

6.1.2 Does the mission statement define the institutions distinctive? Characteristics in terms of addressing the needs of the society, the students it seeks to serve the institution's tradition and value orientations, its vision for the future, etc.?

- In future, the University will look after the successful implementation of the following visions of the University:
 - To produce top leaders, scholars and international level academicians and sports persons.
 - To ensure quality education and quality research.
 - Commitment to equity and excellence
 - To gain the status of intellectual and cultural power house
 - To emerge as the hub of original research and innovative thinking.
 - To transform the overall education scenario of this most backward region and to provide opportunity to the socially, economically and culturally backward classes of the region.
 - To contribute significantly to nation building.
 - Promote the inherent ideas of “Choroibeti”.

6.1.3 How is the leadership involved?

- **❖ in ensuring the organization’s management system development, implementation and continuous improvement?**

The meetings of the University Court, Executive Council, Heads of the Departments and other administrative officers are a regular feature where fair discussions take place. The Vice-Chancellor, Registrar, Officers, Head of the Departments always interacts with each other for helpful and well-organized administration in academics as well as in research.

- ❖ **in interacting with its stakeholders?**

The Hon’ble Vice-Chancellor is always enthusiastic about consulting with the stakeholders for the smooth functioning of the academic activities. The other officials also interact in similar ways. The Controller of Examinations apprises about examination to the stakeholders regularly. There are several statutory bodies which ensure the smooth and effective administration in academics, finance, and examinations. The faculty members and persons with expert knowledge finds place in these statutory bodies and committees in accordance with the Act, Statutes and Ordinances.

- ❖ **in reinforcing a culture of excellence?**

The leadership always encourages the participations of faculty, researchers and students in seminars, workshops organized by host as well as other institutions. The annual cultural and sports programmes promote unity and instill strength of mind. It is one of the successful and appreciated events in the University.

- ❖ **in identifying organizational needs and striving to fulfill them?**

The organizational needs are always discussed in the decision making bodies of the University.

6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

- Yes. Some of the top leadership positions, like Registrar, Controller of Examinations, Librarian, are lying vacant. It is mainly due to the shortage of qualified persons willing to work in this rural and under developed area.

6.1.5 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

- ➡ Yes. The statutory bodies of the University meet regularly as part of the routine administrative requirement and submit the reports at appropriate level at appropriate time.

6.1.6 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

- ➡ The statutory bodies primarily run the University where decisions are taken with full participation of its members that include elected members from the various segments of stakeholders, including faculty, non-teaching, students, alumni and external members, to give objectivity to the participation, apart from the statutory post holders and leadership of the University. The Agenda to be discussed is distributed well in advance to provide full opportunity for an informed participation.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

- ➡ By appointing a committee the University inspects the colleges from time to time and convenes the meetings of the College Development Council (CDC).

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

- ➡ No.

6.1.9 How does the university groom leadership at various levels? Give details.

- ➡ The University actively encourages the participation of leadership at all levels of administration by creating an intellectual climate that facilitates dialogue. Decisions are not taken at the top but after discussions on the needs of all stakeholders. Rotation of Headship and memberships of different administrative bodies is made in accordance with Statutes and Ordinances.

6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.

- ➡ The University is aware of its current 21st century background. The university has planned to document knowledge created and generated in its campus at a Central place. It has already started to take policies to play an active and synergetic role in the socially conscious beacons of knowledge by constantly innovating and updating knowledge and information. The university also planned to collaborate with a very good number of National and international institutes/ universities to facilitate its students global knowledge.

6.1.11 How are the following values reflected the functioning of the university?

- ➡
 - ❖ **Contributing to national development:**
Continuous focus is given for all programmes of study and all activities in the University with a goal to achieve national development.

❖ **Fostering global competencies among students:**

The University curricula meet the national and global needs to make the students competitive in the global level.

❖ **Inculcating a sound value system among students:**

The University always promotes integrity, equity, diversity and a balanced life for students, faculty and staff to develop a sound value system among them. The Hon'ble Vice-Chancellor always addresses the stakeholders of the University community from time to time, exhorting them to follow the right model of conduct in consonance with the best practices at the national and international level.

❖ **Promoting use of technology:**

Besides availability of computer with internet facility in the Departments, the University has initiated the process of building IT enabled SMART classroom spread over different faculty. The teachers are also provided with laptop with internet facility and encouraged to have their own blogs & websites and upload their lectures and reading materials accessible through internet.

❖ **Quest for excellence:**

The University has taken some policies to ensure excellence in teaching and research.

6.2 Strategy Development and Deployment

6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?



- ❖ **Vision and mission:** The Vision and Mission of UGB is to make education a forceful tool for the cultivation of social and moral values and to promote innovation in teaching and research.
- ❖ **Teaching and learning:** To provide ITC enabled SMART classrooms and other modern educational facilities to all the departments.
- ❖ **Research and development:** The University always promotes research and plans to provide each department research with every modern facility.
- ❖ **Community engagement:** The University established Innovation Cell to cater the needs of society and its development. The University has also organized several training programs for community development in association.
- ❖ **Human resource planning and development:** The University has initiated some policies for the developments of its existing human resources.
- ❖ **Industry interaction:** Nil.
- ❖ **Internationalization:** Yet to set up.

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.



- The Chancellor;

- The Vice-Chancellor; The Vice-Chancellor is the Chief Executive and Academic Head of the University
- The Deans of Faculties;
- The Registrar;
- The Finance officer;
- The Controller of Examinations;
- The Inspector of Colleges
- The Librarian
- University Engineer
- The Development Officer and
- Such other officers as may be declared by the Statutes to be the officers of the University.

6.2.3 Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- ➡ To improve the effectiveness and to ensure quality an Internal Quality Assurance Cell (IQAC) is created which continually maintains the quality.

6.2.4 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

- ➡ Great stress is laid upon autonomy and accountability of the academic departments of the university. All departments function independently within the scope of curriculum and syllabi. The departments are also given autonomy for seminars, continuous evaluation, student appraisals, term papers etc.

6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

- ➡ Few court cases filled up against the University. The issues are basically related to academic and examination matters. And in these cases the verdicts were given in favor of the university.

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

- ➡ The university tries its best to ensure that grievances and complaints are properly attended. The University has established Internal Complaints Committee to look into student issues, admission matters, exam related matters, student disputes etc.

6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

- ➡ Feedback from the students, alumni and employers regarding teaching of concerned Departments are received and the proper utilization of the feedbacks is assured.

6.2.8 Does the university conduct performance audit of the various departments?

- ➡ Performances of all the departments are monitored by the IQAC periodically. The University collects information from the departments and publishes in Annual Report every year.

6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

- ➡ The University periodically convenes meetings of College Development Council (CDC). The principals (rotational) of affiliated colleges are members of the committee. They participate in academic decision makings. On many occasions the principals' meetings are conducted and chaired by the Vice-Chancellor.

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

- ➡ Yes. There has a vibrant College Development Council (CDC) to look after the academic development of the affiliated colleges. The Registrar is the ex-officio secretary of the committee. There are professors from different departments, college principals and one representative from the State Government in the council. The CDC convenes meeting from time to time to discuss various academic matters, about the University Examination, affiliations, students discipline and extra-curricular activities etc.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

- ➡ Teachers are encouraged to participate in orientation and refresher courses as well as in the national and international seminars and workshops. The Annual Reports that carry the achievements of the faculty are widely disseminated among the University community. The non-teaching staffs are also encouraged for training to upgrade their knowledge from time to time. They attend trainings in various officials' rules, regulations, promotions etc.

6.3.2 What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

- ➡ The results of review reports are shared with the faculty members for their improvement.

6.3.3 What are the welfare schemes available for teaching and nonteaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

- ➡ Various schemes are taken for the benefit of the teaching and non-teaching staff of the University. The Employees' Credit Co-operative Society has already started its functioning.

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

- ➡ Advertisements for faculty positions are widely publicized so as to invite the best talents available. Moreover, the university also encourages its faculty to obtain higher degrees from renowned institution and thereby grants them study leaves.

6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.

- ➡ The gender audit is yet to be conducted.

6.3.6 Does the university conduct any gender sensitization programmes for its faculty?

- ➡ Yes.

6.3.7 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the university faculty?

- ➡ There is no Academic Staff College in the University. The faculty members are deputed to other Academic Staff Colleges for enhancing competencies through different course programmes.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

- ➡ The University has developed a Standard Account System for the smooth conduct of the financial management.

University Budget is divided into five major heads:

- Maintenance (Non-Plan)
- Development (Plan)
- Salary
- Departmental
- Misc.

Accounts are maintained through computerized Financial Accounting System Tally ERP 9. Under the direct supervision of the University Executive Committee, and empowered Finance Committee periodically monitors expenditure and utilization of the funds meant for various development projects/schemes including research projects. The Finance Committee also resolves any problems encountered while running the above projects and schemes. Recurring expenditure of the University is economized as far as possible. All types of funds received are initially deposited to the General Fund Account of the University. After the review of incurred and estimated expenses, the excess amount is deposited in short-term deposits scheme for generating interest income.

With the exception of emergency purchases / maintenance, all Purchases/ Maintenances above Rs. 10,000/- are made through Tendering and Annual Rate Contracts. The Installation of e-tendering procedure has already been recommended by the Finance committee and placed before the Executive Committee for approval.

Various Departmental Budget-proposals are discussed and evaluated in the Budget Sub-Committee before being recommended to the Finance Committee.

Financial provisions are made to implement the University's Perspective Plans. Instruments/equipment is usually purchased through open tender with warranty.

Agencies are engaged on AMC basis through proper financial procedure as laid down by the appropriate bodies /authorities for the maintenance of sophisticated instruments. All transactions are made through cheque in the University.

Separate Bank accounts are maintained for Endowment, NSS, RUSA Grant, Centralized admission(s), Sports, General Fund Receipt, Expenditure, Pension Fund, various research projects etc. Category wise fixed deposits are maintained alphabetically

6.4.2 Does the university have a mechanism for internal and external audit? Give details.

- In view of the fact that the University is yet to complete a comprehensive internal audit, it has evolved its mechanism for pre-audit. The pre-audit is done by the office of the Audit Officer. Every bill is cleared for payment through the office of the Audit Officer after pre audit.

In lieu of the external audit, the University has the practice of PAG audit, done by the Principal Accountant General (Audit), West Bengal.

The transaction audit done by the PAG Auditor has been completed up to the financial year 2014-15.

There is a system whereby the annual accounts of the University are approved by Finance Committee and the Executive Council for the onward submission to the Department of Higher Education, Govt. of West Bengal for PAG audit.

6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

- The University accounts are yet to be audited by the Principal Accountant General (Audit), West Bengal. However, the transaction audit has been completed on 11.08.2015.

The major objection of the PAG Auditors engaged in transaction audit is related to:

- Detail estimate of building plan, MB ,penalty clause and overhead rate
- Contract demand of the WBEDCL
- Tender procedure
- Roma Ganguli Endowment Fund
- Bank Reconciliation Statement
- Purchase of Examination papers and stock maintenance
- Interest of GPF and purpose of Loan Taken from GPF
- Recovery of excess salary from the staff
- Utilization of NSS Fund.
- Loss of interest for Security Deposit, WBEDCL
- Un-adjusted advances

- LAN procurement
- Non-production of records.

The compliance of the same has been made by the concerned section of the University.

There were 31 nos. queries indicated by the PAG transaction audit team. Most of the compliance of the same has been submitted to PAG, West Bengal during the transaction audit.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

The income and expenditure statement of University during the last four years are as follows:

Year	Income (in Rs.)	Expenditure (in Rs.)	Surplus/ Deficit (in Rs.)
2011-12	9,20,28,737	7,33,23,317	1,87,05,419
2012-13	8,90,17,330	6,81,90,083	2,08,27,247
2013-14	13,97,49,589	9,79,16,918	4,18,32,670
2014-15	17,28,68,202	13,92,27,277	3,36,40,925

6.4.5 Narrate the efforts taken by the University for Resource Mobilization.

- ➡ Besides the funds and facilities received by the University from various agencies and departments of the State and Central governments, the University has taken various resource mobilization drives since its inception. The University has received the donation of Rs. 1, 34, 95, 052.50 from the University of Gour Banga Resource Mobilization Committee, Malda for the purchase of books and journals. The two small yet neat flats in Malda town were handed over to the University by the University of Gour Banga Resource Mobilization Committee, Malda.

The University has received an endowment fund from Dr. Prodyot Kumar Ganguli in the memory of Late Roma Ganguli, amounting to Rs. 1,50,000/- for Gold Medal in Economics.

As mentioned earlier, the University generates interest income from various short-term deposits scheme by depositing excess amount of funds received after the review incurred and estimated expenses.

From the sale of forms and collection of fees and penalties a substantial amount of money is collected every year.

6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.

- ➡ University is yet to make provision for a corpus fund. However, certain specific proposals have been placed before the University authorities for the setting up of a corpus fund.

6.5 Internal Quality Assurance System

6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.

- The University is yet to make policy in this regard. But, Academic output of the Departments are reviewed and audited as per UGC guidelines.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation? N. A.

6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- The University Court (UGB) and the UGB Executive Council, the two highest decision making bodies of the University constantly keep watch on entire process of teaching learning. The P.G. Board of Studies of the different departments of UGB monitors the syllabus of the concerned subjects. The HoDs monitor the classes and lectures of the concerned departments. The Committee for Advance Studies and Research scrutinizes the research proposals. The Internal Quality Assurance Cell (IQAC) assures the quality in teaching and research.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- To improve the quality of teaching and learning in the university, the IQAC has contributed to a great extent through heads of the departments. The director of the IQAC and Heads of the departments has taken responsibilities for maintaining the quality of all academic programmes more systematically and effectively.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

- Matters related to the internal evaluation, financial support for student mentoring, specific activities for encouraging students to participate in co-curricular activities are brought to the attention of the statutory authorities by the IQAC. The university authority has taken all such suggestions positively and has shown positive approach to implement them.

The IQAC has prepared an API format as per UGC regulation, 2010 for its faculty members. And according to the API it promotes its faculties. Till date, it has placed twenty five decisions regarding promotion to the University.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

- The IQAC of UGB has included external members, like social workers, eminent personalities, government administrators who have appreciably contributed for the functioning of the IQAC and thereby helps the university to look in to the areas wherein significant encouragements to be implemented.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

- ➡ The IQAC always engages itself on the incremental academic growth of students from disadvantaged sections of society. It takes feedbacks from the under privileged students and arranges supporting schemes like scholarships, coaching etc.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- ➡ The meetings of the University Court (UC), Executive Council (EC), Faculty Council (AC), Finance Committee (FC) and Board of Studies are taking place as per schedule. These bodies coordinate and execute general supervision over the academic policies/ financial policies/ administration policies of the university and keep under review the standard of education and research in the university.

Any other information regarding Governance, Leadership and Management which the university would like to include.

CRITERION -VII:

INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

- The University is conscious of environmental issues. It tries to create environmental awareness among the stakeholders. The University adopts following strategies for environmental consciousness:
 - Campus Cleanliness
 - Tree Plantation



The plantation committee is holding the Plantation Programme on June 05, 2015.

- Observation of Earth Day



The students of the Geography Department observing World Earth Day

7.1.1 Does the university conduct a Green Audit of its campus?

- ➡ Yes. The University conducts Green Audit of its campus. It is carried out as per the guidelines of the Central Pollution Control Board, Government of India. The use of plastic is avoided on the campus. The University office circulars are sent to every academic and administrative departments and sections. Some of the salient features of the Green Audit of the University campus are as follows.

Energy audit:

- The University undertakes energy audit for academic departments, administrative buildings and supportive services by the Engineers Departments.
- The University has planted different types of trees by the Plantation Committee.

Solid waste management:

- The University adopts minimum generation of solid waste policy

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



A. Energy conservation:

Uses of LED Lamp as much as Possible and need based restricted uses of Air Conditioned

B. Use of renewable energy:

University authority is planning to introduce solar panel in the university campus

C. Water harvesting:

The water harvesting structure

1 tank of about 20 thousands litres is planned for construction.

D. Plantation:

500 saplings have been planted during 2012-14

E. Hazardous waste management:

No hazardous wastes is produced

F. e-waste management:

Not Yet Planned

G. Any Other (Please Specify)

The University has formed an e-Waste Management Committee to look after proper disposal of e-waste. All the miscellaneous e-waste such as CDs, batteries, fluorescent bulbs, PCBs and electronic items are collected from every department and office, and delivered for safe disposal.

7.2 Innovation

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

- Changes in the existing Course Curricula
- Introduction of Admission Test in every PG department for 40 percent seats of Open category.
- Introduction of Away Centre at the UG level to bring transparency in the examination system.
- Introduction of OMR in Admission Test
- Introduction of Compulsory Objective Papers at Undergraduate level to make them familiar with the question pattern of National level exams like NET/Banking Exams etc.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.

The following are some of the best practices followed at the University of Gour Banga:

- i. Adoption of Parbatya Village
- ii. Local Historical Awareness Camp

Practice No. 1

❖ **Title of the Practice:**

Practice No. 1: Adoption of Parbatya Village

❖ **Objectives of the Practice:**

The University of Gour Banga is surrounded by a region where minimal needs for livelihood lack. The surrounding villages are extremely poor and the villagers are deprived from the minimal touches of modern day cultured-civilization. One such village is Parbatya, which is situated within just 8 km from the district headquarter English Bazar. The village suffers from all round retrogression. Ninety-nine percent of the villagers are illiterate. They have absolutely no sanitary system. The NSS unit of the University has taken the challenge of adopting the village for its all round development. The University also intended to raise the life standard of the village.

❖ **The Context**

- ❖ The NSS unit of the University has adopted the village in a very grim condition. Most of the villagers were suffering from various nutrient-related diseases. The village almost had zero percent sanitary system. Minimal livelihood was also lacking there. As a result the literacy rate is also remained stagnant at the zero percent. Hunger in every parts of life was common there. In the backdrop of this social scenario, the University decides to take the challenge of all round development of the village. The University, at first, decided to make its dwellers educated. Because only education could make the villagers aware of their then bleak social as well as financial condition. The University also took the challenges to avail the villagers various governmental schemes and opportunities.

- ❖ **The Practice:**

The University adopted the Parbatya village with a view to generating it's all round development. Each and every member of the NSS units of UGB visits the village periodically. Responsibilities are distributed to all the seven units of NSS. The prime aim of the University NSS units is to make the villagers aware about modern society which they lack. Firstly, one of the units of the NSS looks after the education scenario of the village. As the literary rate is very low, the unit decided to spread systematic and sustained self educating activities among the adult villagers. Keeping in mind about the condition of the future generation, the unit also takes necessary action to provide the children with primary education. The unit engages itself dedicatedly to change the education scenario of that under developed village. Secondly, another NSS unit took the issue of unemployment. Almost all the villagers didn't have any fixed source of income. For the lack of consciousness, they were also unaware about the various employment schemes of the State as well as Central Government. This unit dedicated itself to this issue of unemployment and thereby working significantly. The students always engage themselves to make the villagers aware about various employment schemes and thereby generate fixed incomes to the villagers. Thirdly, another unit of the University NSS dedicatedly working on issues related to health and family welfare. In spite of situating near the district headquarter; the village was yet to get minimum health opportunity. Diseases related to mal-nutrition, unhygienic livings are common phenomena. The students again took significant part in this regard. They made the villagers aware about various health schemes and also secure the minimal health facility. Fourthly, social awareness programmes are also initiated by another unit. Sensitization programmes regarding gender inequality, women empowerment, and self-help group are organized. The outcomes of such programmes are very much fruitful. The sanitary system was also improved significantly. In this way, the University is contributing significantly to improve the standard of living in its surrounding areas. The University, in fact, always remembers its socio-economic surrounding which is largely agrarian and semi-urban, and its mission to improve the socio-economic scenario of its catchment area and also resolves to take several similar efforts in near future.

- ❖ **Evidence of Success**

The physical evidences can be found in the Village itself. The quality of living has improved significantly. The literacy rate is increasing gradually. Adult education is also promoting in a significant way. The villagers are gradually begun to understand about modern facilities of living. Various govt. schemes are also implementing there. Purified water, minimal health protections are provided by the govt. at the behest of the University. This has facilitated the university to establish and maintain a liaison as

well as close interactions with the government and society. The biggest success is that the university has helped the State Government as well as the district administration to construct their future mechanism regarding the improvement of the under developed villages.

❖ **Problems Encountered and Resources Required**

The problems faced are basically overall infrastructural and financial in nature like inadequate funding, inadequate opportunity etc. Students are not following the advice sometimes due to which there exist some unclean situations in some places but they are duly monitored and rectified.

❖ **Notes**

Other can also make similar attempts to improve the socio-economic scenario of the University surrounding.

Practice No. 2

❖ **Title of the Practice**

Practice No. 2: Local Historical Awareness Camp

❖ **Objectives of the Practice**

History Awareness Camp at Local Level is one of the several best practices the University continues. The land of Gour Banga has been held in high esteem as a seat of learning from the hoary antiquity of the history of Bengal. Hence, several evidences of historical monuments, like Gour, Adina, Jagajibanpur, Bungurh etc. are there in the catchment area of the University. But due to the lack of awareness among the poor and uneducated villagers, the monuments are fast falling. Therefore, with a view to preserve these places of historical importance the University authority, through its stakeholders, decided to spread awareness among the dwellers of the surrounding areas of these places.

❖ **The Context**

Gour's (Gouda), one of the most important kingdoms in the History of Bengal, most of the former citadel is located in present day the Malda district. Adina Mosque is a 14th-century mosque located in this district as well. Moreover, one of the ancient viharas, Nandadirghi Vihara, also located in this district. On the other hand, Bangarh was the capital city of the king Bana according to the mythological tales, and this place is in the district of Dakshin Dinajpur, which is also under the jurisdiction of this University. Mahipal of Dakshin Dinajpur is also associated with the king Mahipal of Pal Dynasty. Evidences of all these ancient ruins can be found in the respective places. But due to the lack of awareness, the dwellers of the area are remained unknown and oblivious about their own rich historical past.

❖ **The Practice**

The University has created a group with its students, alumni and faculty members with historical bent of mind to raise awareness among the locales places of historical importance. Firstly, the members of the group performed a field survey to find out the important places under the supervision of the University faculty members. The literacy rate of the surrounding places was also counted. Depend upon this issues, the association initiated its plan to spread awareness among the locales. Various History Awareness Workshops was performed regionally and the University also plans to do the same in collaboration with individual schools, regional centers, or other educational entities within the targeted region with several offerings each year. Such workshops bring educators, students, and the locales together to gain practical knowledge and insight about the historical importance of the place as well as of the

region. The documentary evident can be found in the university. The group also promotes the publicity of the places through blogs and social media to attract tourists from all over the world. The present conditions of the places are also mentioned there with photographic evidences. The group also used to train the local youth about the place so that they can act the role of the guides to the tourists. As Malda is one of the most backward places, both financially and socially, in West Bengal, such efforts obviously helps the place to get universal attention and thereby in a way promotes in socio-economic picture of the region.

❖ **Evidence of Success**

The practical evidences of success can be found in the target places. The locales of Gour, Adina, Jagajibanpur, Bangarh, Mahipal have learnt a lot about the importance of their locality. Spontaneous efforts can be found in preserving the monuments and ruins.

❖ **Problems Encountered and Resources Required**

The University is facing funding problem behind this project. Limited funding hinders its path to undertake extensive efforts to promote international workshops. Though the University plans to start research oriented works on these places, limited funding denies such things.

❖ **Notes**

The University

EVALUATIVE REPORT OF THE DEPARTMENT

Arabic Department

1. Name of the Department: Department of Arabic
2. Year of establishment: 2008
3. Is the Department part of a School/Faculty of the University?
Yes, it is a part of the Faculty of Arts and Commerce.
4. Programmes offered: M.A. & Ph.D.
5. Interdisciplinary programmes and departments involved: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Semester System.
9. Participation of the dept. in the courses offered by other departments: Nil
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Assistant Professors/Others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	0	1 (CAS)
Assistant Professor	4	3	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 years

Saifuddin	M.A.	Associate Professor & HOD	Classical Literature	16	Nil
Dr. Md. Najmul Haque	M.A., M.Phil. & Ph.D.	Assistant Professor	Linguistics & Modern Literature	7	Nil
Dr. Md. Mehedi Hasan	M.A. Ph.D.	Assistant Professor	Translation & Modern Literature	4	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil
13. Percentage of classes taken by temporary faculty (programme-wise information): Nil
14. Programme-wise Student-Teacher Ratio: 200:3 (M.A.)
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Under common pool.
16. Research thrust areas as recognized by major funding agencies: Nil
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil
18. Inter-institutional collaborative projects and associated grants received: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil
20. Research facility / centre with: Nil
 - ❖ State recognition
 - ❖ National recognition
 - ❖ International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications:
 - ❖ Number of papers published in peer reviewed journals (national / international): 1

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- ❖ Monographs: Nil.
- ❖ Chapters in Books: Nil.
- ❖ Edited Books: Nil.
- ❖ Books with ISBN with details of publishers: 1
(ISBN: 978-81-926971-6-7 *Adhunik Arbi Sahitter Itihas* (History of Modern Arabic Literature), Dr. Md. Mehedi Hasan, Students Way, Kolkata, ISBN: 978-93-5174-540-2
- ❖ Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: Nil.
- ❖ SNIP: Nil.
- ❖ SJR: Nil.
- ❖ Impact Factor – range / average: Nil.
- ❖ h-index: Nil.

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil

26. Faculty serving in: Nil

- a) National committees: Nil.
- b) International committees: Nil.
- c) Editorial Boards: Nil.
- d) Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):
The University is yet to make provision for faculty recharging strategies.

28. Student projects: Nil

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
- ❖ Percentage of students doing projects in collaboration with other universities / industry / institute: Nil.

29. Awards / recognitions received at the national and international level by:

- ❖ Faculty: Nil
- ❖ Doctoral / post-doctoral fellows: Nil
- ❖ Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national

/ international) with details of outstanding participants, if any: Nil

31. Code of ethics for research followed by the departments: Nil.

32. Student profile programme-wise:

Name of the Programme	Applications Received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
M.A.	153	2011-12	59	11	16	6
M.A.	175	2012-13	54	16	10	9
M.A.	166	2013-14	49	21	44/63.7%	7/63.6%
M.A.	180	2014-15	50	25	30/55.5%	9/56.2%

33. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2011-12	97.4	Nil	2.6	Nil
2012-13	98.7	1.3	Nil	Nil
2013-14	100	Nil	Nil	Nil
2014-15	100	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Sl.	Name of the Student	Agency	Remark
1.	Taslim Ahmed	SSC (School Service Commission) / MSC (Madrasah Service Commission)	
2.	Nur Alam Siddique	do	

3.	Abdur Rouf	do	
4.	Rezaul Karim	do	
5.	Abu sama	do	
6.	Hasanuzzaman	do	
7.	Mukhtar Hossain	do	
8.	Sohrab Hossain Mondal	do	
9.	Rafiqul Islam	do	
10.	Khadimul Islam	do	
11.	Nasima Khatun	do	
12.	Md. Kalimullah	do	
13.	Md. Nur Alam Islam	do	
14.	Md. Abdus Sarif	do	
15.	Abu Sufyan	do	
NET			
16.	Taslim Ahmad	UGC	
17.	Shafiqul Islam	Do	
18.	Rafiqul Islam	Do	
19.	Mustaque Ahmad	Do	

34. Student progression:

Student Progression		Percentage Enrolled	Against
U.G. to P.G.		--	
P.G. to M. Phil		--	
P.G. to Ph. D		--	
Ph. D to Post-Doctoral			
Employment Status	Campus Selection	--	
	Other than Campus Recruitment	40	
Entrepreneur		--	

35. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	33.3
From Universities from other States	66.6
From Universities outside the country	Nil

36. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 2 (Ph.D)

37. Present details of departmental infrastructural facilities with regard to

- a) Library: Nil.
- b) Internet facilities for staff and students: One for the Staff.
- c) Total number of class rooms: 2
- d) Class rooms with ICT facility: Nil
- e) Students' laboratories: Nil
- f) Research laboratories: Nil

38. List of doctoral, post-doctoral students and Research Associates: Nil

- a) From the host Institution/University: Nil
- b) from other Institutions/Universities: Nil

39. Number of post graduate students getting financial assistance from the university: Nil.

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, Suggestions from several professors and experts of various Universities and colleges have been taken for preparing the new syllabus of B.A., M.A. & B.Ed.

41. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, our department obtains feedback on regular basis and placed before BOS for necessary action.
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the

department utilize the feedback?

Yes, feedback is taken from the students and their valuable suggestions presented before the Departmental committee (D.C) & Board of Studies (BOS).

- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil

42. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts: Nil.

List the teaching methods adopted by the faculty for different programmes:

43. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? Through regular feedbacks from the students.

44. Highlight the participation of students and faculty in extension activities:

- ❖ Cleaning awareness among the students through NSS.
- ❖ Safety awareness
- ❖ Environment awareness

45. Give details of “beyond syllabus scholarly activities” of the department:

- ❖ Celebration of World Arabic Day
- ❖ Celebration of cultural programme
- ❖ Safety awareness
- ❖ Environment awareness
- ❖ Leadership development programme
- ❖ Personality development programme

46. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Nil

47. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department has been actively engaged in research in wide range of areas such as Arabic Language and Literature both classical and modern.

48. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- a) Number of students.

Weaknesses:

- a) Inadequate number of teaching and non-teaching staff
b) Language deficiency
c) Lack of books in library

Opportunities:

- a) Service within the country and abroad

Challenges:

- a) To overcome the inefficiency of the students
b) To introduce Spoken Arabic in the syllabus

49. Future plans of the department:

- a) Introducing Diploma Course in the Department
- b) Introducing M. Phil
- c) To avail the Language Lab facility
- d) Collaboration programme with National level Institutions
- e) Publishing Departmental Magazine
- f) Introducing short term Arabic Language course
- g) Introducing Spoken Arabic Course
- h) Facilitating coaching for competitive examinations

Bengali Department

1. **Name of the Department:** Department of Bengali
2. **Year of establishment:** 2008
3. **Is the Department part of a School/Faculty of the university?**
Yes, It is Part of Faculty of Arts and Commerce.
4. **Programmes Offered:** M.A., M. Phil. & Ph. D
5. **Interdisciplinary Programmes and departments involved:** Nil.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
Department has signed a Memorandum of Understanding (MOU) with the Department of History, Jadavpur University pertaining to faculty and student exchange on “Environmental History”.
7. **Details of programmes discontinued, if any, with reasons:** NIL.
8. **Examination System:** Semester System.
9. **Participation of the department in the courses offered by other departments:**
Professor Bikash Roy has taken classes of the M. Phil and Ph. D courses of Sociology and History departments. As resource person, he delivered lectures at the departments of Arabic and History.
10. **Number of teaching posts sanctioned, filled and actual:** (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1	1
Associate Professor	2	2	2 + 3(CAS)
Assistant Professor	4	3	0
Others	--	--	--

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Bikash Roy	M.A., Ph. D	Professor	Modern Bengali Literature, Literary Theory, Folklore and Translation Studies.	18 (At PG Level)	01 (Ph. D) at NSOU, Kolkata
Sauren Banerjee	M.A., Ph. D	Associate Professor	Fiction	16	NIL
Aditya Kr.	M.A.,	Associate	Prachin O	18	NIL

Lala	Ph. D	Professor	Madhyoyuger Sahitya		
Sunima Ghosh	M.A., Ph. D	Associate Professor	Adhunik Bangla Sahitya	16	NIL
Rajat Kishore Dey	M.A., Ph. D	Associate Professor	Rabindra Sahitya	16	NIL
Sadhan Kr. Saha	M.A., Ph. D	Associate Professor	Katha Sahitya	14	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- **PROF. PABITRA SARKAR:** Former Vice-Chancellor, Rabindra Bharati University, WB
- **PROF. TAPODHIR BHATTACHARYA:** Former Vice-Chancellor, Assam University (A Central University)
- **PROF. SUDHIR CHAKRABORTY:** Eminent Scholar (Rabindra Sahitya and Music)
- **PROF. NIRMAL DAS:** Rtd. Professor, Rabindra Bharati University, WB
- **PROF. SWAPAN BASU:** Eminent Scholar in 19th Century Bengali Literature, Burdwan University, WB.
- **PROF. PINAKESH SARKAR:** Former Professor, Jadavpur University, WB
- **PROF. AMITRASUDAN BHATTACHARYA:** Former Professor, Visva-Bharati (A Central University)
- **PROF. RABINDRANATH PAUL:** Former Professor, Visva-Bharati (A Central University)
- **PROF. SOUMITRO BASU:** Sisir Kr. Bhaduri Chair Professor, Dept. of Drama, Rabindra Bharati University
- **PROF. SATYABATI GIRI:** Eminent Scholar in Medieval Bengali Literature, Jadavpur University, WB.
- **PROF. BINOY KUMAR MAHATO:** Former Professor, T.M. Bhagalpur University
- **PROF. TAPAS BASU:** Professor, Kalyani University, W.B.
- **PROF. MAQBOOL ISLAM:** Eminent Folklorist, Belur Ramakrishna Mission, W.B.
- **PROF. HIMA BANTA BANERJEE:** Vidyasagar Chair Professor, Rabindra Bharati University, W.B.
- **DR. SOHRAB HOSSAIN:** Former Chairman, West Bengal Madrasah Service Commission.

13. Percentage of classes taken by temporary faculty (programme-wise information):
Nil.

14. Programme-wise Student-Teacher Ratio:

Course	Ratio
M.A.	38:1
M. Phil	35:6
Ph. D	24:6

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: ONE ON SHARING BASIS.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: NIL.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: NIL.
18. Inter-institutional collaborative projects and associated grants received:
Research Collaboration with Jadavpur University on “Environmental History”
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: NIL.
20. Research facility / centre with:
 - ❖ State recognition: NIL.
 - ❖ National recognition: NIL.
 - ❖ International recognition: NIL
21. Special research laboratories sponsored by / created by industry or corporate bodies:
Nil.
22. Publications:
 - ❖ Number of papers published in peer reviewed journals (national / international): 70
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: 50
 - ❖ Edited Books: 07
 - ❖ Books with ISBN with details of publishers: 09
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: Nil.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.
26. Faculty serving in:
 - ❖ National committees: 02
 - i. Professor Bikash Roy

- ♦ Member, Selection Board (Translation Prize), Sahitya Akademi, New Delhi
 - ♦ Life Member, Comparative Literature Association of India (CLAI), New Delhi)
 - ♦ Life Member, Folklore Congress Association of India, Kolkata
 - ♦ Life Member, Bangiya Sahitya Parishad
 - ♦ Life Member, Paschim Banga Itihas Samsad
 - ♦ Member, Centre for South Asian Studies, Kolkata
 - ii. Aditya Kr Lala
 - ♦ MEMBER OF THE SYLLABUS COMMITTEE, KAZI NAZRUL UNIVERSITY
- ❖ International committees: NIL.
- ❖ Editorial Boards: 12
- Professor Bikash Roy
 - ♦ Member of the Advisory Board, International Journal of Humanities and Social Science Studies, Assam
 - ♦ Editor, Roudra-Chhaya- Literary Magazine
 - ♦ Member of the Advisory Board, Ebong Ei Samay
 - ♦ Member of the Advisory Board, Monobhumi
 - ♦ Member of the Advisory Board, Ekusher Dheu
 - ♦ Member of the Advisory Board, Edulite, Kalyani University
 - ♦ Member of the Advisory Board, Shruti
 - ♦ Member of the Advisory Board, Anuranan- International Journal
 - ♦ Member of the Advisory Board, Geographical Society of North Bengal, Siliguri
 - Dr. Aditya Kr. Lala
 - ♦ Member of the Advisory Board, Shruti
 - ♦ Member of the Advisory Board, Monobhumi
 - Dr. Sunima Ghosh
 - ♦ Member of the Advisory Board, Inquest Journal.
- ❖ Any other (please specify): 02
- Dr. Rajat Kishore Dey
 - ♦ Life Member, Bongiyoy Sahitya Parisad
 - ♦ Life Member, Inter National Congress of Bengal Studies

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):

Members of the faculty participate in Orientation Programmes, Refresher Courses, and Workshops.

Professor Bikash Roy has given lectures on refresher course of the following universities:

- Patna University
- Gauhati University
- University of North Bengal

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 45%

- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: NIL.

29. Awards/ recognitions received at the national and international level by:

- Faculty:

Recipient	Award	Year	Organization
Professor Bikash Roy	Sahitya Ratna Award	2015	Presona Sahitya Patrika
Professor Bikash Roy	Saraswata Samman on Literary Criticism	2015	Sherpa Sahitya Parishad
Professor Bikash Roy	Adwaitya Malla Barman Puroskar	2004	FERI, Kolkata
Professor Bikash Roy	Amulya Ratan Sengupta Smarak Gobeshana Sommanama	2002	Little Magazine Library Gobeshona Kendra, Kolkata
Professor Bikash Roy	Natya Gobeshak Sommanona	2002-03	Uttar Banga Natya Jagat, Siliguri
Professor Bikash Roy	Sharaswata Samman	2015	Chaitanya Sahitya Parishad

- Doctoral / post doctoral fellows: NIL.
- Students: NIL.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

S. N.	Title of Seminar\ Workshop	Date & Year	Level
1.	Bangla Natoker Pratibader Ptarantar (In collaboration with Panchamura College, Bankura)	2010	National (UGC Sponsored)
2.	Rabindra Natok: Epar Bangla Opar Bangla (In Collaboration with: Mahisadal Girls' College, Purba Medinipur)	29-30 Nov, 2011	National (UGC Sponsored)
3.	Sikshabrati Rabindranath (In Collaboration with: Kaliyaganj College, North Dinajpur)	29-30 March, 2012	UGC Sponsored
4.	Bharat Chandra Roy Life and Works (In Collaboration with: Pakuahat Degree College, Malda)	28 th April, 2012	State Level
5.	William Careay: Di-ordho Shatobarsher Aloke (In collaboration with: Pakuahat Degree College)	2013	State Level
6.	Dizendralal Roy: Kale-Kalotre (In Collaboration with: Sree Agrasen Mahavidyalaya, Dalkhola)	11 th Feb, 2013	State Level
7.	Workshop: Adhunik Bangla Kobita	2014	State level
8.	Swadhinata Uttar Bangla Katha Sahitya: Prokaron O Prabonata.	5-6 th June, 2014	International

31. Code of ethics for research followed by the department:

Research Scholars are made aware of the problems of plagiarism. Through continuous monitoring, Supervisors ensure that the scholars follow ethical practices in research.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	756	2011-12	25	42	100	100
M.A.	763	2012-13	34	36	100	100
M.A.	865	2013-14	40	34	--	--
M.A.	975	2014-15	41	59	--	--
M. Phil	163	2015-16	21	14	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A.	85	15	--	--
M. Phil	75	22	03	--
Ph. D	10	90	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

UGC-NET

S. N.	Name of the Student	Agency	Year	Remark
1.	Biplab Chakraborty	UGC	2012	LS
2.	Rejaul Islam	UGC	2012	LS
3.	Azad Mandal	UGC	2012	LS
4.	Biswajit Bala	UGC	2014	LS
5.	Gosto Barman	CBSE	2015	LS
6.	Tania Das	CBSE	2015	LS
7.	Surya Lama	CBSE	2015	LS

WBCSC-SET

S. N.	Name of the Student	Agency	Year	Remark
1.	Talu Besra	WBCSC	2012	LS
2.	Gosto Barman	WBCSC	2015	LS
3.	Pervej Hossain	WBCSC	2015	LS

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		10
P.G. to Ph. D		2
Ph. D to Post-Doctoral		
Employment Status	Campus Selection	--
	Other than Campus Recruitment	40
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NIL.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: 01
- ❖ Internet facilities for staff and students: 06 Points
- ❖ Total number of class rooms: 05
- ❖ Class rooms with ICT facility: Nil
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates:

- a) From the host Institution: Nil.
Research Associates: Nil.
- b) From the other Institution/University
List of Doctoral Students:

Sl. No.	Name of the Candidate	Year	Supervisor
1.	Prabir Kr. Pal	2014	Dr. Rajat Kishore Dey
2.	Mahasweta Roy	2014	Professor Bikash Roy
3.	Sukla Roy	2014	Professor Bikash Roy
4.	Debarati Sikdar	2014	Professor Bikash Roy

5.	Rafiqul Islam	2014	Professor Bikash Roy
6.	Tapas Roy	2014	Dr. Rajat Kishore Dey
7.	Aditi Sengupta	2014	Dr. Sauren Bandyopadhyay
8.	Sefali Mandal	2014	Dr. Sauren Bandyopadhyay
9.	Sagarika Ghosh	2014	Dr. Sauren Bandyopadhyay
10.	Samim Ahmed Molla	2014	Dr. Sauren Bandyopadhyay
11.	Milan Mandal	2014	Dr. Rajat Kishore Dey
12.	Madhuri Nath	2014	Dr. Rajat Kishore Dey
13.	Kakoli Bhowmik	2014	Dr. Sadhan Kr. Saha
14.	Sandeep Kr. Roy	2014	Dr. Aditya Kr. Lala
15.	Bilas Kr. Mandal	2014	Dr. Sadhan Kr. Saha
16.	Argha Halder	2014	Dr. Sadhan Kr. Saha
17.	Barun Mandal	2014	Dr. Sunima Ghosh
18.	Moumita Ghosh	2014	Dr. Sunima Ghosh
19.	Gautam Rajoar	2014	Dr. Aditya Kr. Lala
20.	Moumita Sarkar	2014	Professor Bikash Roy
21.	Subir Kr. Das	2014	Dr. Sadhan Kr. Saha
22.	Debasree Bhattacharya	2014	Dr. Aditya Kr. Lala
23.	Samiran Mandal	2014	Professor Bikash Roy
24.	Abhijeet Chowdhury	2014	Dr. Sunima Ghosh

40. Number of post graduate students getting financial assistance from the university:

Sl. No.	Year	No. of Students
1.	2011-12	10
2.	2012-13	12
3.	2013-14	15

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, suggestion from Internal and external experts are taken into consideration for framing of the Syllabi for PG, M.Phil. & Ph.D. Course work. The compulsory courses on methodology for research scholars have been formulated keeping in mind that the research students are acquainted with some essential concepts, practices and readings. Occasional workshops have been held involving the faculty and the students to discuss the design of course curricula. In the U.G. and P.G. Courses the department periodically revises and updates the syllabi. At the P.G. level the department introduces three special papers

- Katha Sahitya
- Folklore Studies (With representation of Regional History, Culture and Language).
- Rabindranath Tagore Studies

The department also proposed to start diploma and certificate course on language, folklore and cultural studies, film studies in connection with literature, Comparative Literature etc.

42. Does the department obtain feedback from:

- ❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 - The faculty are involved in framing courses and revising methods of assessment.
 - Basic guidelines are set by the department collectively for periodic assessment and relevant formulations for the smooth running of the programmes.
 - The Board of Studies and various committees (Library, Board of Research Studies, Planning and Development Committee etc.) meet regularly to take into account problems and discuss matters pertaining to a wide range of academic and other issues.
- ❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - It is mandatory to hold a Student-Teacher Committee meeting every semester so that student can voice their concerns and grievances, if any, about the curricula, evaluation, teaching etc.
 - The department takes these very seriously and deliberates on these issues in the Board of studies and if so warranted, remedial measures are initiated at the earliest.
- ❖ Alumni and employers on the programmes offered and how does the department utilize the feedback?:
 - Alumni are periodically invited to express their opinions and views regarding the curricula to the students of the department.

43. List the distinguished alumni of the department (maximum 10): NIL.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Following distinguished Professor have visited Department of Bengali to deliver Lectures:

- Prof. Sudhir Bhattacharya, Rtd. Professor, Bengali, C.U.
- Prof. Pabitra Sarkar, Rtd Professor, Bengali, R.B.U.
- Prof. Swapan Basu, Rtd. Professor, Bengali, B.U.
- Prof. Biswabandhu Bhattacharya, Rtd. Professor, Bengali, B.U.
- Prof. Amitra sudan Bhattacharya, Rtd. Professor, Visva-Bharati.
- Prof. Soumitra Basu , Professor, R.B.U.
- Prof. Tapas Basu , Professor, Bengali, K.U.
- Prof. Sudip Basu, Professor, Bengali, Visva-Bharati

The department introduced Kobi Jibanananda Smarak Samman from the academic session 2014-15 and the recipient of the award are Poets Ranajit Das and Shebonti Ghosh. The Jibanananda Smarak Baktrita was delivered by Sri Ranajit Das, the eminent Bengali poet.

45. List the teaching methods adopted by the faculty for different programmes:

- The department has over the years consciously moved towards various kinds of interactive methods of teaching.
- Research-oriented term papers have been introduced in the semester coursework.
- Teaching methods adopted by the faculty usually i) lectures ii) power point presentation iii) use of movie and documentary clips iv) audio records.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- The primary modality for ensuring that programme objectives are met includes continuous assessment of students' performance.
 - The faculty uses a wide means of continuous assessment in class, for examples in class tests, viva-voce, project work, group discussion, seminar presentations, debates, group discussions to evaluate performance.
47. Highlight the participation of students and faculty in extension activities:
- Faculty co-ordinates the university's NSS programme.
 - They are involved in projects and field works.
 - They present papers in different workshops and seminars.
 - They also participate in extension and outreach programmes.
48. Give details of "beyond syllabus scholarly activities" of the department:
- Many of our senior faculty members have participated in various committees of other universities as external members.
 - They are involved in the evaluation process of state level and national level competitive examinations.
 - They have also served as members of the selection committees in other institutions.
 - Almost every teacher in the Department acts as external examiner for other universities in West Bengal.
 - Some have been theses examiners of central universities too.
 - Many teachers in the Department are members of statutory bodies in the universities.
 - As noted earlier, one senior faculty member lectured in refresher courses in other universities.
 - All members present papers in seminars held in various institution within the state and outside of West Bengal.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
- The department always interprets literature through the theoretical and applied lenses and the outcome may be considered as the precursor to future literary studies.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:
- Strengths:**
- The greatest strength of the Department probably resides in the quality of its student. Selected through highly competitive merit and rigorous admission test, the students are among the brightest who wanted to pursue literary studies.
 - The excellence of the Departmental faculty is one of the major strengths of the University.
 - The Departmental academic activities are also very strong.
- Weaknesses:**
- Acute problem of space and infrastructure: not enough classrooms, students' common rooms, or computer rooms.

- The unavailability of language lab.
- Lack of faculty members for specialized fields.
- Limited library resources: library needs physical extension as well as more books and journals.
- Lack of skilled office support staff.

Opportunities:

- Majority of underdeveloped students may help to gain special status from the Central Govt.
- Significant increase in the number of students in the research area can open new dimensions.

Challenges:

- Most of the students are first generation learners.
- The challenge of achieving excellence comparable to the best in India.
- The challenge of infrastructure and salary gap with the central universities.

52. Future plans of the department:

- Preservation rare manuscripts.
- Effort towards conversion into a department with potential excellence.
- To gain recognition from the DSA-SAP
- The all round development of the departmental library
- Creation of Language Laboratory
- To create Regional Folk Museum.
- To facilitate the Folk Research Centre
- Workshops for creative writings
- Creation of resources for literary studies and research.
- To enhance the rate of departmental publication and student seminar.
- Proposed four centres under the supervision of Bengali Department:
 - Manuscript Collection Centre (Punthi)
 - Tagore Study Centre
 - Foreign Language Centre
 - Comparative Centre

Botany Department

1. Name of the Department: Department of Botany
2. Year of establishment: 2012
3. Is the Department part of a School/Faculty of the university? Yes, it is part of Faculty of Science.
4. Programmes Offered: M.Sc., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1	0
Associate Professor	2	1	1
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. V. Mandal	M.Sc., B. Ed, Ph. D	Associate Professor and Head	Plant Physiology, Biochemistry and Molecular Biology	9	01 (M. Phil)
Dr. S. K. Sil	M. Sc., B. LIS., Ph.D.	Assistant Professor	Molecular Genetics and Plant Tissue Culture	10	Nil
Sri S. Majumdar	M. Sc., B. Ed.	Assistant Professor	Microbiology	06	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Professor Parthadeb Ghosh, UGC Professor Emeritus, Department of Botany, Kalyani University, PIN: 741 235, West Bengal, India.

13. Percentage of classes taken by temporary faculty (programme-wise information):

Programme	Percentage
M. Sc.	10

14. Programme-wise Student-Teacher Ratio:

S. N.	Course	Ratio
1.	M.Sc.	40:03
2.	M. Phil	05:03
3.	Ph. D	06:02

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: One casual office staff.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies:

Following are the research programmes of the Department of Botany:

- ❖ Antimicrobial peptides for bio-preservation.
- ❖ Medicinal chemistry and drug discovery.
- ❖ Nanoparticle green synthesis and bio-prospecting
- ❖ Biosynthesis of antimicrobial compounds as biocontrol agents
- ❖ Enzyme profiling for fermentation and bioconversion
- ❖ Soil microbiology, PGPR, Biocontrol of plant diseases
- ❖ Microbiology of locally available food
- ❖ Microbial sources of industrially important enzymes
- ❖ Improvement of Mulberry and Rice cultivars for abiotic stresses through marker assisted breeding strategies
- ❖ Molecular taxonomy of Cyanobacteria
- ❖ Generation of nanoparticles through tissue culture.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

S. N.	Title of the Project	Funding Agency	Amount Rs. (in Lakhs)	Duration	Principal Investigator
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1.	“Evaluation of the microbial diseases of mango plants in Malda district of West Bengal and its control by biochemical agents”	DST, Delhi	New	6.0	2013-2014	Dr. V. Mandal
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18. Inter-institutional collaborative projects and associated grants received: Nil.
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
20. Research facility / centre with:
- State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications:
- ❖ Number of papers published in peer reviewed journals (national / international): 17 (Appendix I)
 - ❖ Monographs: 01.
 - ❖ Chapters in Books: Nil
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: Nil.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 01.
 - ❖ Citation Index – range / average: 0-110.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: 0.34 – 3.59.
 - ❖ h-index: 0 - 6.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.
26. Faculty serving in:
- ❖ National committees: Nil.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: 01
 - ❖ Any other (please specify): 02
 - Member of “Association of Microbiologists of India”, India.
 - Member of “Indian Science Congress Association”, India
 - Member of “Vegetos”, India.
 - Member of “Academy of Plant Sciences”, India.
 - Member of “Bionature”, India.
 - Reviewer of “Process Biochemistry” by Elsevier Publications.
 - Reviewer of “American Journal of Microbiology” by Science Publications.
 - Reviewer of “Indian Journal of Biochemistry and Biophysics” a CSIR journal.
 - Reviewer of “African Journal of Food Science” by Academic Journals.
 - Reviewed one book chapter on “Bioproducts from Algae-Prospects and Challenges-an Omics approach” in “Practices and Perspectives in Sustainable Bioenergy: A Systems Thinking Approach”, by Springer.

- Reviewed three book chapters on Biochemistry for Life Sciences, to be published by Pearson Education Publisher, 7th Floor, Knowledge Boulevard, A-8(A), Sector-62, Noida, UP 201309, India

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):

- Workshop on In Silico Data Analyses and Chemoinformatics: 28th and 29th March, 2014
- Refresher Course in Life Sciences at Academic Staff College from 19th November, 2014 to 09th December, 2014
- Refresher Course on “Environmental Issues and its Modulation”. From 2nd January, 2008 to 22nd January, 2008. Organised by UGC-Refresher course Centre of University of Kalyani [21 days]
- Orientation Programme at Academic Staff College, NBU, from 18th July, 2012 to 14th August, 2012.
- Orientation Programme, From 01st February, 2010 to 27th February, 2010. Organised by UGC-Academic Staff College, Jadavpur University [27 days]

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 65%
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: NIL.

29. Awards/ recognitions received at the national and international level by

- Faculty: Nil.
- Doctoral/ post doctoral fellows: Nil.
- Students: Nil.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

S. N.	Title of Seminar\ Workshop	Resource Person	Date & Year	Level
9.	Developing vaccines and therapies in Aquaculture: Implications on Vaccine Development in Humans	Dr. Arun K. Dhar, Visiting Assistant Professor, Hood College, Frederick, Maryland, USA.	2nd August, 2013	National

31. Code of ethics for research followed by the department

- No researcher is allowed to work alone in the lab outside the institutional working hours and on holidays.
- Department ensures proper safety practices and use of proper equipments while working with potentially bioactive molecules.
- For working with animal models the permission from Bioethics committee is mandatory.
- For dealing with hazardous chemicals we follow Bio-safety guidelines of the Bio-safety committee of this university.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.Sc.	06	2011-12	01	05	100	80
M.Sc.	29	2012-13	06	14	100	100
M.Sc.	40	2013-14	07	08	--	--
M.Sc.	38	2014-15	09	13	--	--
M. Phil	12	2015-16	03	01	--	--
Ph. D	29	2015-16	05	01	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc.	75	25	--	--
M. Phil	25	75	--	--
Ph. D	16	84	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		25
P.G. to Ph. D		40
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		--

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100

From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: 01
- ❖ Internet facilities for staff and students: 20
- ❖ Total number of class rooms: 03
- ❖ Class rooms with ICT facility: 02
- ❖ Students' laboratories: 02
- ❖ Research laboratories: 03

39. List of doctoral, post-doctoral students and Research Associates:

- a) From the host Institution/University
List of Doctoral Students: Nil.
Research Associates: Nil.
- b) From other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university:

S. N.	Year	No. of Students
4.	2011-12	Nil
5.	2012-13	Nil
6.	2013-14	03
7.	2014-15	02

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, suggestions from the internal and external experts are taken into consideration for framing the syllabus of M. Sc., M.Phil. and Ph.D. courses.

42. Does the department obtain feedback from:

- ❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Faculties are invited to share their feedback on syllabus on regular basis in Departmental Committee meeting. Proper updating and modification in syllabus are made in accordance with the comments and suggestions.

- ❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Curriculum as well as teaching methodology are updated and improve as per feedback from the students. The analysis of the feedback from students are analysed and given to HOD. In the Departmental meetings suggestions are shared and necessary action were taken by the faculty members.

- ❖ Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, the feedback from the employer is always taken into consideration. However, the feedback from the alumni was not taken so far.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Following distinguished Professors have visited Department of Botany to deliver Lectures:

- Professor Parthadeb Ghosh, UGC Professor Emeritus, Department of Botany, Kalyani University, W.B.
- Dr. Ranadhir Chakraborty, Department of Biotechnology, University of North Bengal, W.B.
- Professor Pankaj Kumar Pal, Department of Botany, The University of Burdwan, W.B.
- Professor Samit Ray, Department of Botany, Visva-Bharati, W.B.
- Prof. Abhayaprasad Das, Department of Botany, University of North Bengal, P.O. North Bengal University, Dist. Darjeeling, PIN-734013
- Professor Ambarish Mukherjee, Department of Botany, University of Burdwan, PIN-713104, Burdwan, West Bengal
- Dr. Monoranjan Choudhury, Department of Botany, University of North Bengal, P.O. North Bengal University, Dist. Darjeeling, PIN-734013
- Dr. Archan Bhattacharya, P.G. Department of Botany, Darjeeling Government College, Darjeeling, W.B., India.

45. List the teaching methods adopted by the faculty for different programmes:

- Audio-visual teaching methodology by utilizing LCD projectors.
- Annual excursion in other phytogeographical regions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By getting regular feedbacks from the eminent visiting faculties, students and their guardians

47. Highlight the participation of students and faculty in extension activities:

- Environment awareness
- Health awareness
- Safety awareness

48. Give details of “beyond syllabus scholarly activities” of the department:

- NET, GATE, SET and other competitive examinations.
- Special class lectures by eminent academicians.
- Social service awareness.
- Cultural and sports programs.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No, the Department of Botany has not been graded by other agencies.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The Department of Botany has shown overall leadership not only in the specific areas of specialization but also in its capacity to develop their efficiency in various other areas. The Department of Botany has made significant contributions in the field of

teaching, research areas of Botany and in many interdisciplinary subjects at the interface of Botany.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Good infrastructural facilities from the State fund.
- Increasing number of students in appearing competitive examinations.

Weaknesses:

- Inadequate number of teaching and non-teaching staff.
- English language deficiency and poor communicative skills of students.
- Lack of motivation for using the library.
- Lack for financial help from the UGC as because this University is not affiliated with section 12(B) of UGC.

Opportunities:

- Good infrastructure enhances opportunities for extension of research activities and utilizing human resource in Science and Technology.
- Greater opportunity for institution-industry collaboration in research and technology development.
- Increasing exposure of students to knowledge world in Science and Technology.

Challenges:

- To attain national and international competence and attract students from all over the country.
- To strengthen international collaboration.
- To strengthen collaborative research and enhance quality in higher education.
- Introduce enrichment programs in communicative language, like spoken English.

52. Future plans of the department

- Will develop Germplasm banks for microbes, mycobes and higher plants.
- Establish Food testing laboratory. (with Industrial MoU)
- Establish Soil testing laboratory. (Tie up Chemistry)
- PG diploma program to train more than 2 hundred Science Graduates in Sophisticated Analytical Instruments. (Skill development for employment)
- Diploma course in Floriculture, Mushroom cultivation, Vermicomposting and Bio-manuring for the local people / Science graduate to make them financially self-supportive. (Tie up Horticulture department, Govt. Of West Bengal)
- 2 months Program: 02 programs per annum.
- Will run training programs for homemade pickle and other food products
- . 7 days program: 5 programs per annum
- Will have exchange of Students, Researchers and Scientists and Faculties to and from different states and also abroad, like USA, UK and SAARC countries
- Will develop standard isolation and purification strategies for natural products

- Will develop standard production and purification strategies for microbial products, like antibiotics, biocontrol agents, PGPR for sustainable environment. (with National / International MoU)
- Will develop human resource in IPR, Patents and Informatics.
- Will train school teachers.
- Will start remedial classes for the backward and needy students for competitive examinations like NET, GATE, SET, etc.

Annexure – I

List of publications

1. Choudhuri A, **Majumdar S**, Bhattacharya A (2014) A Taxonomic Reconnaissance in Himachal Vihar Complex, Matigara, Siliguri, West Bengal. **Indian Journal of Pure and Applied Biology**, 29 (1):99-112.
2. **Majumdar S** and Roy S (2012) Antibacterial and antioxidative activities of the leaves of *Daphniphyllum himalense* (Benth.) Muell. Arg. Growing in Darjeeling hills. **Journal of Traditional Medicines**. 7(2).
3. **Majumdar S** and Chakraborty U. Screening of free-living bacteria from the Rhizosphere of Jute for their multiple plant growth promoting and antagonistic activity against phytopathogens. **NBU Journal of Plant Sciences** (Accepted).
4. **Mandal V**, Sen SK and Mandal NC (2011): Isolation and characterization of pediocin NV 5 producing *Pediococcus acidilactici* LAB 5 from vacuum-packed fermented meat product. **Indian Journal of Microbiology**, 51: 22 - 29.
5. **Mandal V**, Sen SK and Mandal NC (2013): Production and partial characterisation of an inducer-dependent novel antifungal compound(s) by *Pediococcus acidilactici* LAB 5. **Journal of the Science of Food and Agriculture**, **93**: 2445–2453.
6. Roy S and **Majumdar S** (2013) Antioxidative properties of the leaves of *Daphniphyllum chartaceum* Rosenthal. **Journal of Medicinal Plants Research**, 7(18): 1239 – 1243.
7. **Sil SK** (2011) Effect of Cd^{2+} and Cu^{2+} on the seedling characteristics of *Pisum sativum* L. **Adv. Plant Sci.** 24(I):393-394.[NAAS I.F.=2.7]
8. **Sil SK** (2011) Effect of low dose of thidiazuron on micropropagation of *Brassica alba*. **Adv. Plant Sci.** 24(II):717-718. [NAAS I.F.=2.7]
9. **Sil SK** (2011) Study of isoenzyme variation in four Cassia species. **Adv. Plant Sci.** 24(I):397-398. [NAAS I.F.=2.7]
10. **Sil SK** (2012) Callus induction and high frequency regeneration of *Peperomia pellucida* (L.) H.B.K. **Adv. Plant Sci.** 25(II):745-747.[NAAS I.F.=2.7]
11. **Sil SK** (2014) Comparative account on *in vitro* organogenesis and nitrate induced somatic embryogenesis of *Solanum nigrum* L. and *Solanum torvum* L. **Adv. Plant Sci.** 27(I):467-471.[NAAS I.F.=2.7]
12. **Sil SK** (2014) Micropropagation through *in vitro* morphogenesis and embryogenesis of *Heleotropium indicum* L. **Adv. Plant Sci.** 27(I):1-4.[NAAS I.F.=2.7]
13. **Sil SK** (2015) Effect of Copper (2+), Cadmium (2+) and Iron (3+) on growth and lipid profile in developing seeds of *Brassica campestris* L. var *toria* Duth. **Adv. Plant Sci.** 2015,28(I):7-9.[NAAS I.F.=2.7]
14. **Sil SK** and Ghosh MK (2011) *In vitro* organogenesis and enhanced somatic embryogenesis of *Solanum nigrum* L. Using leaf disc as explants. **Adv. Plant Sci.** 24(II):401-403. [NAAS I.F.=2.7]

15. **Sil SK** and Ghosh MK (2012) Pre-breeding strategy for development of excessive stress tolerant mulberry (*Morus*) genotypes. **Adv. Plant Sci.** 2012, 25(I):237-241. [NAAS I.F.=2.7]
16. **Sil SK**, Ghosh PD and Ghosh MK. (2011) Physio-biochemical markers for selecting water logging tolerant mulberry genotypes. **Journal of Crop and Weed.** 24(I):59-62. [ICV=6.13, ISI Indexing=1.4, Infobase indexing=2.93, NAAS I.F.=3.59]
17. **Sil SK**, Ghosh PD and Ghosh MK. (2012) Biodiversity in Mulberry (*Morus* sp.). **Adv. Plant Sci.** 25(II):427-431. [NAAS I.F.=2.7]

Membership in Professional Societies

- ❖ V. Mandal: Member of “**Association of Microbiologists of India**”, India.
- ❖ S. Majumdar: Member of “**Association of Microbiologists of India**”, India.
- ❖ S. Majumdar: Member of “**The Indian Science Congress Association**”, India.
- ❖ S. K. Sil: Member of “**Vegetos**”, India.
- ❖ S. K. Sil: Member of “**Academy of Plant Sciences**”, India.
- ❖ S. K. Sil: Member of “**Bionature**”, India.
- ❖ S. K. Sil: **Associate Editor in Advances in Plant Sciences**, India.
- ❖ V. Mandal: Reviewer of “**Process Biochemistry**” by Elsevier Publications.
- ❖ V. Mandal: Reviewer of “**American Journal of Microbiology**” by Science Publications.
- ❖ V. Mandal: Reviewer of “**Indian Journal of Biochemistry and Biophysics**” a CSIR journal.
- ❖ V. Mandal: Reviewer of “**African Journal of Food Science**” by Academic Journals.
- ❖ V. Mandal: Reviewed one book chapter on “**Bioproducts from Algae-Prospects and Challenges- an Omics approach**” in “**Practices and Perspectives in Sustainable Bioenergy: A Systems Thinking Approach**”, by Springer.
- ❖ V. Mandal: Reviewed three book chapters on **Biochemistry for Life Sciences**, to be published by **Pearson Education Publisher**, 7th Floor, Knowledge Boulevard, A-8(A), Sector-62, Noida, UP 201309, and India.

Projects Handled

- Evaluation of the microbial diseases of mango plants in Malda district of West Bengal and its control by biochemical agents. (6.0 lakh) From Dept. of Science and Technology, Govt. Of India. 2013-2014. **V. Manal, As Principle Investigator.**
- “Study to establish in-vitro haploid production system for deep water irrigated crops in West Bengal and also investigation for cytotoxic phenomenon due to waterlogging.” (1.67 lakh) From University Grants Commission (UGC). **Dr. S. K. Sil, as Principle Investigator.**

Chapters in Book/Monograph: One

1. **Mandal, V., and Mandal, N.C. (2011) New health potentials of orally-consumed probiotic microorganisms.** In: **Microbiology Monograph on Probiotics, Volume 21** (Liong, MT, Ed). Berlin: Springer-Verlag GmbH Heidelberg, Tiergartenstrasse 17, 69121 Heidelberg, Germany (DOI: 10.1007/978-3-642-20838-6-7, pp- 167-189; ISSN: 1862-5576; ISBN: 978-3-642-20837-9).

Published Contributions to Academic Conferences and Workshop:

1. **Abstract and Poster presentation:** “Antibacterial and antioxidant potentiality of the active extracts of *Hydrocotyle javanica* Thunb.” Mandal M., Paul S. and **Mandal V.** In International Seminar on “Molecular Biology and its applications”, 14th & 15th February, 2014, Department of Life Science and Biotechnology, Jadavpur University, Kolkata.
2. **Abstract and Poster presentation:** “Safety assessment and cost effective preservation of packed meat products by pediocin from *Pediococcus acidilactici*.” Bandyopadhyay, B., Dey, B.C. and **Mandal, V.** in INAE National Symposium on Emerging Innovative Technologies for Assurance of Quality and Safety in Processed Foods (FoQSAT-2011), 24th – 25th February

2011, Agricultural and Food Engineering Department, I.I.T. Kharagpur, West Bengal 721302, India.

3. **Oral presentation:** “Evaluation of Jute Rhizospheric Bacteria for Plant Growth Promoting Efficiency” **S Majumdar** and U Chakraborty. presented in UGC-Sponsored National Level Symposium on “Advances in Plant and Microbial Research” organised by DRS Department of Botany, University of North Bengal, Siliguri, West Bengal-734013, India.
4. **Oral presentation:** “Use of Physio-biochemical markers for selecting probable parents of waterlogging tolerant mulberry genotypes.” International symposium on System intensification towards food and livelihood security. [2011] Crop and weed science society, BCKV, Kalyani & NABARD, Kolkata.
5. **Oral presentation:** “Micropropagation of Adiantoid ferns.” National Seminar on Cryptogamic Botany. [2014] Dept. Of Botany, University of Kalyani, Nadia.
6. **Oral presentation:** “Influence of medium parameter on somatic embryogenesis from hypocotyl explants of *Plumbago indica* L. and *Plumbago zeylanica* L. PHYSICON-2014, National Conference of Physiological Society of India. [2014] Dept. Of Physiology & Zoology, Berhampore Girls’ College, Berhampore. West Bengal.

Research Guidance

Ph.D. Dissertation				
2015 – continuing	i.	“Characterization of antibacterial lead molecule from <i>Hydrocotyle javanica</i> Thunb.” As Principle Supervisor	University of Gour Banga	Dr. V. Mandal
	ii.	“Assessment of some anti-diabetic plants for its potential applications.” As Principle Supervisor	University of Gour Banga	Dr. V. Mandal
	iii.	“Characterization of some phyllospheric bacteria as potent biocontrol agent against anthracnose of chili.” As Principle Supervisor	University of Gour Banga	Dr. V. Mandal
	iv.	“Characterization of some potential antimicrobial compounds from some hydrophytes of Malda district, W.B.”	University of Gour Banga	Dr. V. Mandal
	v.	“Selection of high yielding and heavy metal tolerant rice genotypes under Gangetic agro-climatic conditions.”	University of Gour Banga	Dr. S.K. Sil
	vi.	“Marker assisted breeding of promising mulberry varieties towards selection of cold tolerant genotypes.”	University of Gour Banga	Dr. S.K. Sil

2011 – continuing	vii.	“Natural prebiotics for efficient probiotic functionality of some lactic acid bacteria.” As Joint Supervisor with Professor Narayan C. Mandal, Department of Botany, Visva-Bharati University, Santiniketan, W.B., India	Visva-Bharati University	Dr. V. Mandal
M. Phil. Dissertation				
2013 – 2014	i.	“Phytochemical screening and antibacterial potentiality of the extracts of <i>Solanum sisymbriifolium</i> Lam.” As Joint Supervisor with Dr. Pankaj Sahu, Head, Department of Botany, Dr. C.V. Raman University, Kota, Bilaspur, Chattisgarh, India	Dr. C.V. Raman University, Bilashpur, C.G.	Dr. V. Mandal

Chemistry Department

1.

Name of the Department: Department of Chemistry.

2. Year of establishment: 2012

3. Is the Department part of a School/Faculty of the university? Yes, it is part of Faculty of Science.

4. Programmes Offered: M.Sc. & Ph. D

5. Interdisciplinary Programmes and departments involved: Active Collaborative Research programme with Department of Chemistry and Department of Botany, UGB, Malda.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.

7. Details of programmes discontinued, if any, with reasons: Nil.

8. Examination System: Semester System.

9. Participation of the department in the courses offered by other departments: Nil.

10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1	0
Associate Professor	2	1	1
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Tanmay Kumar Ghorai	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	15	03
Dr. Mohabul Alam Mondal	M.Sc., Ph.D.	Assistant Professor	Organic Chemistry	3	03
Dr. Sougata Pal	M.Sc., Ph.D.	Assistant Professor	Physical Chemistry	3	03

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Prof. Chittaranjan Sinha, Department of Chemistry, Jadavpur University, Kolkata
- Prof. Sanjib Bagchi, emeritus Professor, Department of Chemistry, Presidency University, Kolkata.
- Dr. Swapankumar Ghosh, Department of Bioceramic and Clay Division, CGCRI, Kolkata
- Prof. Arabinda Kr. Das, Former Vice-Chancellor, KU, UGC- emeritus Professor, Department of Chemistry, Burdwan University.
- Prof. K. C. Majumder, Emeritus Professor, Department of Chemistry, Kalyani University (KU).
- Prof. Rafiqul Islam, Department of Chemistry, Nagaland University.
- Prof. S P Das, Department of Chemistry, Kalyani University (KU).
- Dr. Brindaban Roy, Associate Prof. Department of Chemistry, Kalyani University.
- Prof. Dulal Chandra Ghosh, Emeritus Professor, Department of Chemistry, BESU, Shibpur, Kolkata
- Prof. Bidyut Guga Niyogi, Department of Chemistry, Kalyani University.
- Prof. Basudeb Basu, Department of Chemistry, North Bengal University, Siliguri.
- Dr. Pranab Ghosh. Associate Prof. Department of Chemistry, North Bengal University, Siliguri.
- Prof. Pranab Sarkar, Department of Chemistry, Visva-Bharati University
- Dr. Bula Sing, Assistant Prof. Department of Chemistry, Visva-Bharati University
- Dr. Biswajit Dey, Assistant Prof. Department of Chemistry, Visva-Bharati University
- Dr. Adinath Majee, Associate Prof. Department of Chemistry, Visva-Bharati University

- Prof. Pabitra Chattopadhyay, Department of Chemistry, Burdwan University.
- Prof. Mukut Chakraborty, Department of Chemistry, West Bengal State University, Barasat, Kolkata
- Dr. Chirantan Roy Choudhury, Department of Chemistry, West Bengal State University, Barasat, Kolkata
- Dr. Subhojit Ghosh, PG Department of Chemistry, APC College, Barackpur.
- Dr. Debasis Dhak, Department of Chemistry, Sidhu Kanho Birsha University, Purulia
- Dr. Kirtick Bhowmick, Assistant Prof., Department of Chemistry, Visva-Bharati University
- Dr. Inual Ansary, Assistant Prof., Department of Chemistry, Burwan University, Bardhaman

13. Percentage of classes taken by temporary faculty (programme-wise information):

Programme	Percentage
M. Sc.	30

14. Programme-wise Student-Teacher Ratio:

S. N.	Course	Ratio
4.	M.Sc.	26:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: ONE DAILY WAGE.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	One Casual Staff	One Casual Staff

16. Research thrust areas as recognized by major funding agencies:

Following are the research programs of the Department of Chemistry

- Design, Synthesis and Applications of Carbohydrate based Organocatalysts for Different Asymmetric C-C bond Formation, P.I. – Dr. Mohabul Alam Mondal
- Computational study of semiconductor based nanomaterials and possible application on dye sensitised solar cell, P. I. –Dr. Sougata Pal

- Synthesis and Magnetic study of homo/heterometallic nanoscale Single Molecule Magnet, P.I. – Dr. Tanmay Kumar Ghorai
- Synthesis, Characterization and Photocatalytic study of mixed transition metal oxides of TiO₂/ZnO/ZrO₂ nanocomposites - P.I. – Dr. Tanmay Kumar Ghorai.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

S. N.	Title of the Project	Funding Agency	Amount Rs. (in Lakhs)	Duration	Principal Investigator
2.	Design and Synthesis of 2-aminosugar-based organocatalysts for on-water enamine based asymmetric reactions	DST-SERB FileNo.: PMR/2014/000542	40 lakhs	3 years	Dr. Mohabul Alam Mondal
3.	Understanding the Electronic Structure of Organic Dye Inorganic Semiconductor Nanohybrid Materials for the Design of an efficient Dye Sensitized Solar Cell'	DST Fast Track FileNo.: SB/FT/CS-035/2014	24.88/-	3 years	Dr. Sougata Pal
Total grant received			64,80,800/- (Sixty four lakhs eighty thousand eight hundred only)		

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received:

S.N.	Title & Scope of the R & D Project	Year in which started	Grant Received in Lakhs	Remarks (Status:Completed/Ongoing)	Name of the Coordinator
1.	Instrument Grant provided by UGB, Malda for PG Laboratory	2012	30 lakhs	Completed	Joint Co-ordinator: Dr. Mohabul Alam Mondal and Dr. Sougata Pal

20. Research facility / centre with:

- **State recognition:**

- National facility of UV-vis Spectrophotometer,
- Rota evaporator with cold water circulator,
- Digital viscometer
- Digital Melting point apparatus
- High Precision Digital Balance
- High Vacuum pump and Hot air oven
- **National recognition:**
 - i. National facility for HPLC (To be procured)
 - ii. Computational programming soft ware and Server (HP)
- **International recognition:** Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies:
Entire PG Chemistry laboratory was funded by West Bengal State Government.

22. Publications

- ❖ **Number of papers published in peer reviewed journals (national / international):** 12
- ❖ **Monographs:** Nil.
- ❖ **Chapters in Books:** 02.
 - Tanmay Kumar Ghorai, "Typical Synthesis and Environmental Application of Novel TiO₂ Nanoparticles", Advanced Materials for Agriculture, Food, and Environmental Safety, 08/2014: pages 421-451; ISBN: 9781118773437
 - S. Pal, S. Sarkar, S. Saha and P. Sarkar, "Size-dependent electronic structure of semiconductor nanoparticles", Chemical Modelling (Special Periodic Reports), Royal Society of Chemistry, (invited book chapter).
- ❖ **Edited Books:** Nil.
- ❖ **Books with ISBN with details of publishers:** 01.
 - Dr. Tanmay Kumar Ghorai, Studies on the Photochemical Reactions with Nano-sized Inorganic Oxides, LAP LAMBERT Academic Publishing, Germany, 2011, ISBN No.: 978-3-659-77036-4
- ❖ **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):** 12.
- ❖ **Citation Index – range / average:** 50-100.
- ❖ **SNIP:** Nil
- ❖ **SJR:** Nil
- ❖ **Impact Factor – range/ average:** 0.36 – 6.36.
- ❖ **h-index:** Nil

23. Details of patents and income generated

Patent under Process – Zhongwu Guo, Guochao Liao, Zhifang Zhou, Mohabul Mondal, and Srinivas Burgula, 'Novel Synthetic Antibacterial and Antifungal Vaccines' US patent, Provisional Application Serial No. 62/050,522. Dated: September 15, 2014, Attorney Docket No. 10114-250 Client Reference No. WSU 14-1246

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally/ internationally to visit other laboratories/institutions/ industries in India and abroad:

- **Dr. Tanmay Kumar Ghorai**, Visiting Research Associate, University of Florida, Gainesville, USA under BOYSCAST Fellowship, DST, Govt. of India, 2011-12.
- **Dr. Sougata Pal**, Post Doctoral Research Associate, Department of Chemistry, Dana and David Dornsife College of Arts and Science, University of Southern California, USA. January 2015-Till date, for 2 years.

26. Faculty serving in:

- ❖ **National committees:** Dr. Tanmay K Ghorai - Life member for Society for Materials Chemistry, Mumbai, BARC, Materials Research Society of India, Bangalore, Indian Chemical Society, Kolkata
- ❖ **International committees:** Nil.
- ❖ **Editorial Boards:** Nil.
- ❖ **Any other (please specify):** Dr. Tanmay K Ghorai – Reviewed different International Journal, i.e. ACS: ACS Applied Materials & Interface Science, Wiley: Journal of Nanomaterials Science, Elsevier: J of Alloys & Compounds, Applied Surface Science etc.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):

S. N.	Name of the Faculty	Programme	Duration	Organised by
1.	Dr. Tanmay Kumar Ghorai	Orientation Programme	18.08.2008-13.09.2008	Jadavpur University Academic Staff College
2.	Dr. Tanmay Kumar Ghorai	Refresher Course	02.01.2011-22.01.2011	Jadavpur University Academic Staff College
3.	Dr. Tanmay Kumar Ghorai	Computer Course	07.02.2011-24.02.2011	IIIM and WBSU
4.	Dr. Mohabul Alam Mondal	Orientation Programme	02.02.2015-28.02.2015	Jadavpur University Academic Staff College

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 100%
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by:

- Faculty:

S. N.	Faculty	Awards and recognition
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1.	Dr. Tanmay Kumar Ghorai	1. BOYSCAST Fellowship, Sponsored by DST, 2011-12 2. Young Scientist Award, DST Fast Track Scheme, 2010-13 3. JRF/SRF- CSIR, Dec. 2002 4. GATE 2001
2.	Dr. Sougata Pal	1. Young Scientist Award, DST Fast Track Scheme, 2014-16 2. Session Chair in a work shop at CECAN in Bremen, German, 2014 3. Post Doctoral Fellowship- i) Viswa Bharati, Shantiniketan, WestBengal ii) BCCMS, University of Bremen, Germany, DFG Fellowship 4. JRF/SRF- CSIR, Dec. 2003 5. GATE 2003
3.	Dr. Mohabul Alam Mondal	1. JRF/SRF- CSIR, June 2003 2. Post Doctoral Fellowship - Wayne State University, Detroit, USA 3. GATE 2003 (All India Rank 3 rd)

- Doctoral/ post doctoral fellows:
 - BOYSCAST Fellowship: 1
 - DFG Fellowship: 1
 - Post Doctoral Fellowship: 3
- Students:
 - Md Toufiq Alam – Moulana Abul Kalam National Fellowship (2014-15)
 - Mr. Anik Sinha – JRF/SRF

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

- i) Two days Science Academies Lecture Work shop on “**Recent Advances in Chemistry Education and Research**” held on **23rd and 24th July 2015**

Funded by National Academic of Science, Bangalore, Indian National Science Academy, New Delhi, and The National Academy of Science, Allahabad.

Invited Resource Persons:

- Prof. T. K. Chakraborty, FNA, IISc Bangalore
- Prof. S. Goswami, FNA, IACS, Kolkata
- Prof. S. Ghosh, FNA, FASc, J. C. Bose National Fellow, IACS, Kolkata
- Prof. N. Chottopadhyay, FASc, J. U., Kolkata
- Prof. B. Basu, North Bengal University, Siliguri

ii) Seminar on ‘**Chemistry Shaping Life**’ held on **28th May 2015**

Invited Speaker: **Prof. Subrata Ghosh, FNA, FASc, J. C. Bose National Fellow, IACS, Kolkata, Funded by UGB, Malda.**

iii) Seminar on “ **Chirality in Drug Molecules; History and Chemistry of Anti Ulcer Drug**” held on **28th April 2015-08-17, Funded by UGB, Malda.**

Invited Speaker: **Prof. B. Basu, North Bengal University, Siliguri**

iv) Invited Lecture on “**Recent Developments of Theoretical Chemistry**” held on **20th December 2013, Funded by UGB, Malda.**

Invited Speaker: **Dr. Chiranjib Majumder; Scientist F, Bhaba Atomic research Centre, BARC, Mumbai**

v) Seminar Lecture on “**Developing Vaccines and Therapies in Aquaculture: Implications on Vaccine Development in Human**” held on **2nd August 2013, jointly organised by Department of Chemistry, Department of Botany, UGB, Malda and Department of Chemistry, Malda College, Funded by UGB and Malda College.**

Invited Speaker: **Dr. Arun K Dhar, Visiting Assistant Professor, Hood College, Frederick, Maryland, USA.**

31. Code of ethics for research followed by the department: See Annexure-II

32. Student profile programme-wise:

Name of the Programme	Applications received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
M. Sc	26	2011-12	12	6	100%	100%
M. Sc	94	2012-13	14	6	100%	100%
M. Sc	110	2013-14	15	5	Ongoing	Ongoing
M. Sc	131	2014-15	20	11	Ongoing	Ongoing
Ph. D	27	2015	11	0	Ongoing	Ongoing

33. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc. (2011-12)	90	00	10	--
M. Sc (2012-13)	60	37	03	--
M. Sc (2013-14)	60	37	03	--
M. Sc (2014-15)	60	37	03	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Remark
GATE 2015			
1.	Mr. Chabush Halder	GATE	
2.	Mr. Tanmay Basak	GATE	
3.	Mr. Anik Sinha	GATE	
NET 2014			
4.	Mr. Chabush Halder	NET-LS	
5.	Mr. Anik Sinha	NET-CSIR & GATE	
6.	Md. Toufiq Alam	June & Dec. 2013-NET-LS	
7.	Mr. Baidyanath Choudhury	NET-LS	
SET 2014			
8.	Md. Toufiq Alam	SET-2014	
9.	Mr. Chabush Halder	SET-2014	
NET 2013			
10.	Mr. Subhendu Adhikari	Dec. 2013 NET-LS	
11.	Mr. Ritabrata Sarkar	Dec. 2013 NET-LS	
12.	Mr. Surajit Saha	Dec. 2013 NET-LS	
13.	Mr. Anik Sinha	Dec. 2013 NET-CSIR	

35. Student progression

Student Progression	Percentage Against Enrolled
U.G. to P.G.	--
P.G. to M. Phil	--
P.G. to Ph. D	07

Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	70
From Universities from other States	30
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: 01
- ❖ Internet facilities for staff and students: 26
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: 02
- ❖ Students' laboratories: 03
- ❖ Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates:

- i. From the host Institution/University
List of Doctoral Students: 01

S. N.	Name	Supervisor	Year
1.	Mr. Ritabrata Sarkar	Dr. Sougata Pal	2015

Research Associates: Nil.

- ii. From other Institutions/University:

S. N.	Name of the Fellow	Year	Doctoral/ Postdoctoral	Name of the Institute
1.	Mr. Narendra Nath Ghosh	2015	Doctoral	North Bengal Univ
2.	Ashik Khan	2015	Doctoral	North Bengal Univ
3.	Mr. Sayantan Pathak	2015	Doctoral	North Bengal Univ.
4.	Mr. Suranjan Das	2015	Doctoral	North Bengal Univ

5.	Mr. Debasis Mandal	2015	Doctoral	North Bengal Univ
6.	Mr. Md Habib	2015	Doctoral	Kalyani Univ
7.	Mr. Tapas Das	2015	Doctoral	Visva-Bharati
8.	Mr. Kanchan Mitra	2015	Doctoral	Visva-Bharati

- 40.** Number of post graduate students getting financial assistance from the university:
Few of Students (10%) are getting fees waver from the University.
- 41.** Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
Yes, suggestions from the Internal and External experts from reputed university (CU, KU, NBU and VBU) were taken into consideration for framing the syllabus.
- 42.** Does the department obtain feedback from:
- ❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, is invited to share their feedback on syllabus on regular basis in the Board of Studies. Proper updating and /or modifications in syllabus are made in accordance with the comments/ suggestions.
 - ❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes, curriculum and teaching methodology are updated and improved as per feedback from students. The analysis of the feedback from students are analysed and given to IQAC.
 - ❖ Alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes, each year we are organising reunion programme and feedback taken from them are always taken into consideration.
- 43.** List the distinguished alumni of the department (maximum 10): Nil.
- 44.** Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

The following distinguished Scientist/professor have visited Department of Chemistry, UGB, Malda to deliver lecture/Seminar:

- Prof. T. K. Chakraborty, FNA, IISc Bangalore
- Prof. S. Goswami, FNA, IACS, Kolkata
- Prof. S. Ghosh, FNA, FASc, J. C. Bose National Fellow, IACS, Kolkata
- Prof. N. Chottopadhyay, FASc, J. U., Kolkata
- Prof. B. Basu, North Bengal University, Siliguri
- Dr. Chiranjib Majumder; Scientist F, BARC, Mumbai
- Dr. Arun K Dhar, Visiting Assist. Prof., Hood College, Frederick, Maryland, USA.

- 45.** List the teaching methods adopted by the faculty for different programmes:
Power point Presentation Conceptual and mechanistic understanding by performing experiments.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through feedback from stake holders, visitors, students etc.

47. Highlight the participation of students and faculty in extension activities:

Environment Awareness Green Chemistry Awareness Safety Awareness

48. Give details of “beyond syllabus scholarly activities” of the department:

- NET, GATE, SET and other competitive examinations
- Demonstration how to use e-resources
- Social Service awareness (Centrally)
- Thelesemia Camp (Centrally)
- Cultural and Sports programme (Centrally)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No, the Department of Chemistry has not been graded by other agencies.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department of Chemistry has shown overall leadership not only in the specific area of specialization but also in its capacity to develop their students in various other areas. DOC has made outstanding contribution in the field teaching, research, extension activities in frontline areas of chemistry.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

As the department started on January 2012, relatively newly established, we are growing very fast with the help of State Government and other funding agencies. The following may be consider as strength of the department:

- Good Infrastructure, Good Student performance, Increasing awareness to the student towards higher education i.e. Advanced research study etc. As a result a number of students getting success in the national level competition examination like NET/GATE/SET etc.
- Positive attitude of our authority for improving our departmental resources. Inter department activity of the faculty members and student of our university.
- Growing demand for education in chemical science of the student in this relatively remote area.

Weaknesses:

- Inadequate number of teaching and non teaching stuff
- English language deficiency and poor communicative skill of the students
- Lack of Instrumental facility for research purpose

Opportunities:

Enhancing infrastructure opportunity for extending their career through the expansion of research activity.

Challenges:

- Attain global competence and status and attract students from all over the world for research and training.
- To strengthen industry academy collaboration T strengthen international collaboration To introduce programmes in English to improve communicative skill of the students through seminar.

52. Future plans of the department

- We will established a state of art analytical laboratory and we will introduce skill development programme (Post graduate diploma) for employability in the different sector of chemical industry and allied area
- We are in process for collaborative research programme between Department of Chemistry, UGB and TCG Life Science Ltd. Kolkata
- Interdisciplinary research activities with the other department of Science of our University.
- We will introduce special classes for national level examination.
- Exchange visiting programmes for both student and faculty with the overseas Universities.
- Various programme with the school students to make aware about the science education.
- Special programme will be arranged in each year to make awareness and available solutions of arsenic contamination of ground water of this specific geographical area.

Annexure I

List of Publications:

- Mondal, P. K.; Liao, G.; **Mondal, M. A.**; Guo, Z., Chemical Synthesis of the Repeating Unit of Type Ia Group B Streptococcus Capsular Polysaccharide. ***Organic Letters***, (2015) 17 (5), 1102-1105. **Impact Factor: 6.36.**
- Zhou, Z.; **Mondal, M.**; Liao, G.; Guo, Z., Synthesis and evaluation of monophosphoryl lipid A derivatives as fully synthetic self-adjuvanting glycoconjugate cancer vaccine carriers. ***Organic & Biomolecular Chemistry*** (2014), 12 (20), 3238-3245. **Impact Factor: 3.562**
- S. Saha, **S. Pal**, P. Sarkar, A. L. Rosa and Th. Frauenheim, ``A complete set of self-consistent-charge density-functional tight-binding(SCC-DFTB) parametrization of Zinc chalcogenides(ZnX; X=O,S, Se, and Te)"', ***Journal of Computational Chemistry***, 33, (2012) 1165. (Cover Page Article). Impact Factor: 3.60

- S. Sarkar, **S. Pal** and P. Sarkar, "Electronic structure and band gap engineering of CdTe Nanowires", *J. Mater. Chem.*, 22, (2012) 10716.
- S. Sarkar, S. Saha, **S. Pal** and P. Sarkar, "Electronic structure of thiol-capped CdTe QDs and CdTeQD-CNT nanocomposites", *Journal of Physical Chemistry C*, 116, (2012) 21601. **Impact Factor: 4.77**
- S. Saha, S. Sarkar, **S. Pal** and P. Sarkar, "Ligand mediated tuning of the electronic energy levels of ZnO nanoparticles", *RSC Advances*, 3, (2013) 532. **Impact Factor: 3.84**
- **S. Pal**, T. Jasper-Tonnies, M. Hack, and E. Pehlke, "The Effect of Surface Reconstruction on the Electronic Structure of ZnO(0001)", *Phys. Rev. B*, 87, (2013) 085445. **Impact Factor: 3.664** S. Saha, S. Sarkar, **S. Pal** and P. Sarkar, "Tuning the Energy Levels of ZnO/ZnS Core/Shell Nanowire to Design an Efficient Nanowire-Based Dye-Sensitized-Solar-Cell", *Journal of Physical Chemistry C*, 117, (2013) 15890. **Impact Factor: 4.77**
- S. Sarkar, S. Saha, **S. Pal** and P. Sarkar, "Bandgap Engineering of CdTe Nanotubes and Designing the CdTe Nanotube-Fullerene Hybrid Nanostructures for Photovoltaic Application" *RSC Advances*, 4, (2014) 14673. **Impact Factor: 3.84**
- N. N. Ghosh, A. Chakraborty, A. Pramanik, P. Sarkar, **S. Pal**, "Modulating Triphenylamine-based Organic Dyes for their potential application in Dye-Sensitized solar cell: A first principal theoretical study", *Physical Chemistry Chemical Physics*, 16, (2014) 25280. **Impact Factor: 4.493**
- **Tanmay K. Ghorai***, *Synthesis of spherical mesoporous titania modified iron-niobate nanoclusters for photocatalytic reduction of 4-nitrophenol*, *Journal of Materials Research and Technology*, (2015) 4(2), 133–143.
- **Tanmay K Ghorai***, Sayantan Pathak, Suranjan Sikdar, "Synthesis, Characterization and Environmental Applications: Using Metal-niobium-titanate $\{M_xNb_xTi_{1-2x}O_{2-x/2} (M = Cr, Fe; x = 0.01-0.2)\}$ Nano-composites" *Advanced Science Letters (Accepted)* (2015), **IF: 1.253**
- **Submitted:** A. Pramanik, S. Sarkar, **S. Pal**, P. Sarkar, "Pentacene-Fullerene Bulk heterojunction Solar Cell: A Computational Study", *Chemical Physics*, (under review).
- **S. Pal** and E. Pehlke, "Density functional investigation of the initial stage of Fe/ZnO(000-1) interface formation", *Phys. Rev. B*, (under revision).
- S. Sarkar, A. Pramanik, P. Sarkar, **S. Pal**, "Isoelectronically doped CdSe:Te Nanoalloys: Can it be used as solar cell materials?" (*To be submitted*).
- Suranjan Sikdar, Sayantan Pathak, **Tanmay K Ghorai***, *Aqueous phase photodegradation of Rhodamine B and p-nitrophenol destruction using titania based nanocomposites*, *Advanced Materials Letters (Under Revision)*

Commerce Department

1. Name of the Department: Department of Commerce.
2. Year of establishment: 2012
3. Is the Department part of a School/Faculty of the university? Yes, the Department is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.Com. & Ph. D in Commerce and Allied Subjects.
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1	0
Associate Professor	2	1	1
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Manas Chakrabarti	M.com, Ph.D, AICWA (ACMA)	Associate Professor	Accounting	15	First Course Work is going on
Dr. Goutam Bhowmik	M.Com (Gold Medallist), M.Phil, Ph.D	Assistant Professor	Accounting	11	First Course Work is going on
Pinky Mistri	M.Com	Assistant Professor	Accounting & Finance	On Probation	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. Shivranjan Mishra (Retd.), Department of Economics, Vishva-Bharati University
- Prof. Ranjit Sur (Retd.), Project Analyzer, Indian Statistical Institute, Kolkata
- Dr. Nandini Mukherjee, School of Women Studies, Jadavpur University
- Dr. Goutam Banerjee, NIT, Durgapur

13. Percentage of classes taken by temporary faculty (programme-wise information):

Session	M. Com	Ph. D
2012	01	N.A.
2013	22	N.A.
2014	16	N.A.
2015	11	16.67

14. Programme-wise Student-Teacher Ratio:

S. N.	Course	Ratio
5.	M.Com.	22:03
6.	Ph. D	07:02

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with:

- State recognition: Nil.

- National recognition: Nil.
 - International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications:
- ❖ Number of papers published in peer reviewed journals (national / international): 37
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: Nil
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: 03.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil..
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: Nil.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad:

Name of Faculty	Details of Institutions Visited and Purpose
Dr. Manas Chakraborti	<ul style="list-style-type: none"> i. Invitee Talk in a workshop at Malda College ii. Resource person & Chairman at a session in National seminar organised by Malda College.
Dr. Goutam Bhowmik	<ul style="list-style-type: none"> i. Resource person and Chairman of a Technical Session at a National Seminar at Malda College. ii. Invitee Talk and Chairman of a Technical session in National seminar on Modern trends and Development in Science, Social Science and Humanities at Islampur College.

26. Faculty serving in:
- ❖ National committees: Nil.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: 02
(Dr. Goutam Bhowmik is member of Editorial Board in UGB Newsletter and Managing Editor of the proposed Print Journal of UGB)
 - ❖ Any other (please specify): Nil.
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):
- Dr. Manas Chakraborti: 01 Orientation Program and 03 Refresher Courses
 - Dr. Goutam Bhowmik: 01 Orientation Program, 02 Refresher Courses and One Workshop on Quantitative Data Analysis

28. Student projects:

- ❖ **Percentage of students who have done in-house projects including inter-departmental projects:** Nil
- ❖ **Percentage of students doing projects in collaboration with other universities / industry/ institute:** Nil.

29. Awards/ recognitions received at the national and international level by:

- **Faculty:** Nil.

Faculty	Awards and recognition
Dr. Goutam Bhowmik	National Scholarship from Government of India (1998)
	Gold Medal from University of Calcutta
	Gold Medal from Commerce Alumni Association, Calcutta University
	Calcutta University Commerce Platinum Jubilee Prize

- **Doctoral/ post doctoral fellows:** Nil
- **Students:** Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

S. N.	Title of Seminar\ Workshop	Date	In Collaboration With
10	Opportunities and Challenges in Commerce and Economics	11th May 2012	Department of Economics, UGB
11	Dynamics of Indian Share Market	24th June 2015	Calcutta Stock Exchange Investor Protection Fund

31. Code of ethics for research followed by the department:

- ❖ First Ph. D Coursework is underway, so need of framing code of ethics for research for the Department of Commerce does not arise yet .
- ❖ Board of Research Studies, however, framed detailed Regulations for Ph. D Programme in Commerce containing some provisions relating to the Code of ethics for research and the said regulation is awaiting the approval of the University Council.

32. Student profile programme-wise:

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M. Com.		2011-12	13	Nil	92	N.A.
M. Com.		2012-13	14	04	86	100
M. Com.		2013-14	11	10	--	--
M. Com.		2014-15	06	03	--	--
Ph. D	25	2015-16	07	Nil	--	--

33. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M. Com.	95	05	--	--
Ph. D	--	100	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		01

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Nil.
- ❖ Internet facilities for staff and students: 7 Computers.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil.
- ❖ Students' laboratories: 01
- ❖ Research laboratories: Nil.

39. List of doctoral, post-doctoral students and Research Associates:

a) From the host Institution/University

List of Doctoral Students: Nil.

Research Associates: Nil.

b) From other Institutions/University: Nil

40. Number of post graduate students getting financial assistance from the university:

Sl. No.	Year	No. of Students
8.	2013-14	01

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Yes.

- ❖ Syllabus Enrichment Committee both for UG and PG courses in commerce were formed with internal and external members to frame the syllabus.
- ❖ Workshop on proposed syllabus for UG Course in Commerce was organized with to get their views and the same were incorporated and final syllabus was submitted for approval.
- ❖ Both UG and PG syllabus were modified and the new syllabus was introduced from the Academic session 2015-16

42. Does the department obtain feedback from:

❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Through Workshop (Decision of the Majority granted).

❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

No.

❖ Alumni and employers on the programmes offered and how does the department utilize the feedback:

No.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Following distinguished Professor have visited Department of Botany to deliver Lectures:

- Prof. S. N. Dhar, Department of Commerce, North Bengal University
- Prof. Debasish Sur, Department of Commerce, Burdawan University
- Prof. Subash Sarkar, Department of Commerce, Kalyani University.

45. List the teaching methods adopted by the faculty for different programmes:

- Lecture Method
- Viva-Voce
- Assignment & Projects work and presentation

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through Continuous Evaluations of Students.

47. Highlight the participation of students and faculty in extension activities:

Active Participation in organising the seminars of the Department.

48. Give details of “beyond syllabus scholarly activities” of the department: Nil

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No, the Department of Commerce has not been graded by other agencies.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: Nil.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Semester system of Examination is followed with very limited number of Faculty.
- A Computer Laboratory for the Students with Internet Facility is established.
- The First Ph. D coursework is on the verge of completion.
- Dedicated Faculty members doing virtually everything (Teaching and Non-Teaching work) relating to the Department and help in Administration related work whenever called for.

Weaknesses:

- Acute shortage of Teachers in view of the minimum requirement of Commerce as a stream of Learning
- Absence of any Departmental Research grant neither from the University nor from the UGC in view of not having 12B status.
- Absence of non-teaching staff since the beginning of the Department.
- Inadequate maintenance staff and grant for maintenance of existing in house infrastructure of the Department.

Opportunities:

- Research Activities can be enhanced if necessary support (Human Resource and funding) are provided.
- Industry or Institutional collaboration in the field of Research and Training Program can be explored in the areas of skill development, financial awareness, etc.
- A Centre of study for Financial Awareness may be established if funding is available either from University or Government or any other Institution.

Challenges:

- Lack of Employment Opportunities in West Bengal especially in the field of School Service Commission for student of commerce has reduced the strength of students over the year
- Difficulty to convince people and authority that commerce is a stream of learning and not a subject.
- Challenges faced in filling up reserved post, e.g. Professor in Commerce (ST)

- The Average Merit of the enrolled students has gone down heavily. As a result, it becomes difficult for the students to comprehend the conceptual and technical issues involved in the learning of Commerce courses.

52. Future plans of the department:

- To open an Advanced Centre of Study for Financial Awareness and Promotion of Financial Literacy in the backward districts (Malda, Murshidabad, North Dinajpur and South Dinajpur) in collaboration with other institutions, say, Calcutta Stock Exchange.
- Collaborative Research Program with Industry/ Government Agencies / Funding Agencies / Institutions, etc.
- To establish a Smart Classroom for the Department.
- To establish a computer Laboratory conducive to carry out fundamental and Empirical Research on Commerce and Allied subjects.

Computer Science Department

1. Name of the Department: Department of Computer Science
2. Year of establishment: 2011
3. Is the Department part of a School/Faculty of the university?
Yes, it is part of Faculty of Science.
4. Programmes Offered: M.Sc.
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1	0
Associate Professor	2	0	0
Assistant Professor	4	1+1 (On Lien)	1
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Ms Debasmita Saha	MCA	Assistant Professor	Software Engineering	2	Nil
Mr. Debaditya Barman	M.E	Assistant Professor (On Lien)	Data Mining, Machine Learning	2	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.
13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.
14. Programme-wise Student-Teacher Ratio:

S. N.	Course	Ratio
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7.	M.Sc.	14:01
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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with:

- State recognition: Nil.
- National recognition: Nil.
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications:

- ❖ Number of papers published in peer reviewed journals (national / international): 04.
- ❖ Monographs: Nil.
- ❖ Chapters in Books: Nil
- ❖ Edited Books: Nil.
- ❖ Books with ISBN with details of publishers: Nil.
- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: Nil.
- ❖ SNIP: Nil.
- ❖ SJR: Nil.
- ❖ Impact Factor – range/ average: Nil.
- ❖ h-index: Nil.

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in:

- ❖ **National committees:** Nil.
- ❖ **International committees:** Nil.
- ❖ **Editorial Boards:** Nil.
- ❖ **Any other (please specify):** Nil.

27. **Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):** Nil.

28. **Student projects:**

- ❖ **Percentage of students who have done in-house projects including inter-departmental projects:** Nil.
- ❖ **Percentage of students doing projects in collaboration with other universities / industry/ institute:** Nil.

29. **Awards/ recognitions received at the national and international level by:**

- **Faculty:** Nil.
- **Doctoral/ post doctoral fellows:** Nil.
- **Students:** Nil.

30. **Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:** Nil.

31. **Code of ethics for research followed by the department:** Nil

32. **Student profile programme-wise**

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.Sc.	16	2011-12	12	04	100	100
M.Sc.	18	2012-13	13	05	70	60
M.Sc.	19	2013-14	10	02	--	--
M.Sc.	20	2014-15	10	01	--	--

33. **Diversity of Students**

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc.	72	28	--	--

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:** Nil.

35. **Student progression**

Student Progression	Percentage Against Enrolled
U.G. to P.G.	--

P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	19
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Nil.
- ❖ Internet facilities for staff and students: 24
- ❖ Total number of class rooms: 01
- ❖ Class rooms with ICT facility: Nil.
- ❖ Students' laboratories: 03
- ❖ Research laboratories: Nil.

39. List of doctoral, post-doctoral students and Research Associates:

- a) From the host Institution/University
List of Doctoral Students: Nil.
Research Associates: Nil.
- b) From other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university:

S. N.	Year	No. of Students
9.	2013-14	02

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
Yes, suggestions from internal and external experts are taken into consideration for framing the syllabus.

42. Does the department obtain feedback from:

❖ **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Nil.

❖ **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, continuous feedbacks are taken from the students about the teaching learning techniques.

❖ **Alumni and employers on the programmes offered and how does the department utilize the feedback?:**

No.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts: Nil.

45. List the teaching methods adopted by the faculty for different programmes:

- Audio-visual teaching methodology by utilizing Projector.
- Proper guidance is given while practically implementing the theoretical knowledge in the laboratory.
- Different group activities are assigned.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through student feed backs and regular assessments of the students.

47. Highlight the participation of students and faculty in extension activities: Nil.

48. Give details of “beyond syllabus scholarly activities” of the department:

- ❖ Students participated in IT quiz and web page designing competition and won at district level.
- ❖ Departmental seminar and group discussions are organized to improve the communication skill and trending technological knowledge.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No, the Department of Computer Science has not been graded by other agencies.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department is very new. Only two batches have passed out till date. But, the increasing rate of applicants each year somewhere indicates that it has already left a great impact on the students’ mind and is able to draw their attention towards this technical and very relevant subject.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Dedicated faculty members, playing many roles simultaneously.
- Revised syllabus suited for current market demands.
- Good infrastructural facilities, including laboratory and internet access.

- Healthy student teacher relationship and regular interaction helping the department to flourish.

Weaknesses:

- Lack of teaching and non-teaching staffs.
- No opportunity of on campus placement for the students yet.
- English language deficiency and poor communication skill of students.
- Lack of awareness about the subject and career options amongst the students.

Opportunities:

- Proper infrastructure and human resource can enhance the research opportunities.
- Institution-Industry collaboration can provide better recruitment opportunities.

Challenges:

- To increase awareness among the students and attract them towards research activity.
- To improve communication skill of students.

52. Future plans of the department:

- To build up dedicated research laboratory.
- Offer guidance for competitive exams like NET, SET, GATE etc.
- To build up placement cell.
- Organize industrial visit, summer training.
- To start Ph.D. program.

Annexure- I

List of Publications

1. D. Barman, R. K. Singha and N. Chowdhury, "Prediction of Possible Business of a Newly Launched Film using Ordinal Values of Film-genres", International Journal of Intelligent Systems and Applications (IJISA), volume 6, pp 53-60, 2013.
2. D. Barman, N. Chowdhury, "Estimation of Possible Profit/ Loss of a New Movie Using "Natural Grouping" of Movie Genres", International Journal of Information Engineering and Electronic Business, Volume.5, No.4, Page No.24-33, 2013.
3. D. Barman, N. Chowdhury, "Movie Business Trend Prediction using Market Basket Analysis", International Journal of Computer Applications, Volume 74, No. 9, Page No. 38-46, 2013.
4. Debasmita Saha, Ardhendu Mandal and S. C. Pal, User Interface Design Issues for Easy and Efficient Human Computer Interaction: An Explanatory Approach, International Journal of Computer Sciences and Engineering (IJCSE), 3(1), pp.127-135, 2015.

Economics Department

1. Name of the Department: Department of Economics
2. Year of establishment: 2012
3. Is the Department part of a School/Faculty of the university?
Yes, it is a part of the Faculty of Arts and Commerce
4. Programmes Offered: M.A./M.Sc
5. Interdisciplinary Programmes and departments involved: Involved with the department of sociology and the department of commerce delivering course lectures.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Semester System
9. Participation of the department in the courses offered by other departments: Nil
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

12.

Name	Qualification	Designation		No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Smt. Sushma Subba	M.A., M. Phil	Assistant Professor	Advanced International Trade, Environment and Resource Economics	03	Nil
Dr. Biswajit Maitra	M.A., M. Phil, Ph. D	Assistant Professor	International Economics, Econometrics	08	Nil

13. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Visiting Faculty:

2015:

- Professor S. R. Misra (Retd.) Visva-Varati University, Santiniketan, India.
- Dr. Tushar K. Nandi, Assistant Professor of Economics, CSSSC, Calcutta

Adjunct faculty:

- Dr. M. Sengupta, Associate Professor, Malda College, West Bengal
- Dr. P. Kundu, Associate Professor, Chanchal College, West Bengal
- Dr. T. Sengupta, Assistant Professor, South Malda College, West Bengal
- Mr. C. Roy, Assistant Professor, Kaliyaganj College, West Bengal

Senior Visiting Fellows

2014

- Professor S. R. Misra (Retd.) Visva-Varati University, Santiniketan, India.
- Professor B. Malakar, Department of Economics, Jadavpur University.
- Professor A. Bhuimali, Department of Economics, North Bengal University.
- Adjunct faculty
- Dr. M. Sengupta, Associate Professor, Malda College, West Bengal
- Mr. C. Roy, Assistant Professor, Kaliyaganj College, West Bengal

2013

- Professor S. R. Misra (Retd.) Visva-Varati University, Santiniketan, India.
- Professor H. K. Chakraborty (Retd.) North Bengal University.
- Professor B. Malakar, Department of Economics, Jadavpur University.
- Professor A. Bhuimali, Department of Economics, North Bengal University.
- Dr. M. Sengupta, Associate Professor, Malda College, West Bengal

2012

- Professor S. R. Misra (Retd.) Visva-Varati University, Santiniketan, India.
- Dr. M. Sengupta, Associate Professor, Malda College, West Bengal

14. Percentage of classes taken by temporary faculty (programme-wise information):

- 2015: 70 %
- 2014: 75 %
- 2013: 75 %
- 2012: 75 %

15. Programme-wise Student-Teacher Ratio:

- 2015: 3:8 (including external Faculties), 3:2 (excluding external Faculties)
- 2014: 2:1 (including external Faculties), 12:1 (excluding external Faculties)
- 2013: 1:1 (including external Faculties), 6:1 (excluding external Faculties)
- 2012: 1:4 (including external Faculties), 1:2 (excluding external Faculties)

16. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Under Common Pool.

17. Research thrust areas as recognized by major funding agencies: Nil.
18. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.
19. Inter-institutional collaborative projects and associated grants received: Nil.
20. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
21. Research facility / centre with:
 - State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil
22. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
23. Publications: (details enclosed in Appendix 1)
 - ❖ Number of papers published in peer reviewed journals (national / international): 15
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: Nil.
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: Nil.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 12.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: 0-3.5
 - ❖ h-index: Nil.
24. Details of patents and income generated: Nil.
25. Areas of consultancy and income generated: Nil.
26. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.
27. Faculty serving in:
 - ❖ National committees: Nil.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: 01
 - ❖ Any other (please specify):
Dr. Biswajit Maitra
 - Life Member, The Indian Econometric Society (TIES)
 - Life Member, Indian Economic Association
28. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):
 - Ms Sushma Subba attended UGC sponsored SAM Workshop at Department of English, Malda Women's College from 30th March to 3rd April 2013.
 - Ms Sushma Subba delivered a lecture on "Human Rights and Elderly" on June 18th 2013 organized by the Govt of West Bengal
 - Ms Sushma Subba attended a Two day Workshop on Caste and Inequality: Social, Political and Economic Reflections CSSSC, Kolkata on 28th and 29th March 2014
 - Ms. Sushma Subba, Assistant professor has successfully completed one Orientation Course at UGC-ASC JNU New Delhi for the session 2014-2015

during 25th August to 19th September 2015 and Refresher course (1st Refresher course in Economics) at UGC-HRDC JNU New Delhi held during 20th July – 14th August 2015 for the session 2015-16.

29. Student projects

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: In-house projects done by the students: 100 %.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

30. Awards/ recognitions received at the national and international level by:

- Faculty: Nil.
- Doctoral / post doctoral fellows: Nil.
- Students: Nil.

31. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

2012:

- One Day Seminar on “Opportunities and Challenges for Economics and Commerce” in collaboration with the Department of Commerce on 11 May, 2012.

2015:

- Department of Economics in collaboration with Department of Sociology has conducted one day Panel Discussion entitled ‘State-Sponsored One-Day Panel Discussion ‘Development & Displacement : Issues & Challenges’ on 15th January 2015.

32. Code of ethics for research followed by the department: N. A.

33. Student profile programme-wise:

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
P.G.	1	2011-12	--	--	--	--
P.G.	14	2012-13	0	1	--	100
P.G.	8	2013-14	5	3	--	--
P.G.	7	2014-15	2	1	--	--

34. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A. (2011-12)	--	--	--	NIL
M.A. (2012-13)	100	--	--	NIL
M.A. (2013-14)	100	--	--	NIL

M.A. (2014-15)	100	--	--	NIL
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35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Nil

36. Student progression:

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		--

37. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

39. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: No.
- ❖ Internet facilities for staff and students: 08.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil.
- ❖ Students' laboratories: Nil.
- ❖ Research laboratories: Nil.

40. List of doctoral, post-doctoral students and Research Associates:

a) from the host Institution/University

List of Doctoral Students: Nil.

Research Associates: Nil.

b) from other Institutions/University: Nil.

41. Number of post graduate students getting financial assistance from the university: Nil.

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: No.

43. Does the department obtain feedback from:

- ❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Not initiated.
- ❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Not initiated.
- ❖ Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil.

44. List the distinguished alumni of the department (maximum 10): Nil.

45. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Following distinguished Professors have visited and delivered lectured:

- Professor S. R. Misra (Retd.) Visva-Varati University, Santiniketan, India.
- Professor H. K. Chakraborty (Retd.) North Bengal University.
- Professor B. Malakar, Department of Economics, Jadavpur University.
- Professor A. Bhuimali, Department of Economics, North Bengal University.
- Dr. T. K. Nandi, CSSSC Calcutta

46. List the teaching methods adopted by the faculty for different programmes:

Lecture method and class room discussion.

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By taking feedback from the students.

48. Highlight the participation of students and faculty in extension activities:

Awareness in participation of students (particularly females) in sports.

49. Give details of “beyond syllabus scholarly activities” of the department:

- NET, SLET and other competitive examinations,
- Lecture series by eminent professors,
- Culture and sport programme,
- Active involvement in research works. Faculty members have published research papers in national and international journals.
- Faculty members also have participated in international, national level conferences; seminars and have shared knowledge with distinguished professors, researchers from India and abroad.

50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department has updated the syllabus incorporating the new concepts and ideas of the knowledge world. Further, the department believes that research work is the key

point in generating new knowledge and, therefore, faculty members are involved in research works.

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Intensive teaching (as the number of students is very less),
- Young and Energetic faculty,
- No language barrier between students and teachers,
- Students are sincere and regular.

Weaknesses:

- Enrolment of student is very low
- Lack of permanent faculty and staff
- No departmental library, journals and magazines
- No computer lab
- No class room with ICT facility

Opportunities:

Increased exposure of students to knowledge world in social sciences

Challenges:

- To enhance the quality of higher education,
- To attain national and global competence of faculties and students.
- To improve the communicative English and Mathematical Knowledge of the students.

53. Future plans of the department

- The department of economics has taken initiative to collaborate with the established universities.
- We have a plan to open M. Phil and Ph. D Programme
- We are thinking to start remedial coaching for Indian Economic Service (IES) examination and NET/SET examinations.
- Plan to organize seminar, conference, workshop by the department and in collaboration with other institutes.

Annexe 1

List of Publications

Ms. Sushma Subba

1. Subba, S and A. Bhuimali (2011). 'Aging Population in Informal Sector in the Indian Context', *South Asian Journal of Human Right*, Vol. 6, No. (1-2), pp. 89-112. (Serials Publications)

Dr. Biswajit Maitra

Publications in International Journals (Since 2011)

1. Maitra, B (2011). 'Tax-and Spend Principle in Budget Management in the Economy of Sri Lanka in the Post-Reform Period', *Margin: The Journal of Applied Economic Research*, Vol. 5, No. 3, pp. 343 – 359, DOI: 10.1177/097380101100500303, (**SAGE Publications**).
2. Maitra, B and C. K. Mukhopadhydy (2011). 'Monetary Shock and Currency Fluctuations Evidence from High Frequency Dataset', *International Economics and Finance Journal*, Vol. 6, No. 2, pp. 121-138. (**Published by HSBC School of Business, Peking University China in collaboration with Serials Publications**).
3. Maitra, B and C. K. Mukhopadhyay (2012). 'Public Spending on Education, Health Care and Economic Growth in Selected Countries of Asia and the Pacific', *Asia-Pacific Development Journal*, 19 (2), 19 – 49. (**United Nations Publications**).
4. Maitra, B and C. K. Mukhopadhyay (2012). 'Variations in Prices due to Anticipated and Unanticipated Money', *Asian Economic and Financial Review*, 2 (1), 76 – 87 (**Published by Asian Economic and Social Society, Pakistan**).
5. Maitra, B (2015). 'Univariate Forecasting of Exchange Rates in India – A Comparison', *International Journal of Computational Economics and Econometrics*, Vol. 5, No. 3, 272–288. (**INDERSCIENCE Publishers**).
6. Maitra, B (2015). 'Monetary Policy, Income Growth and Price Stability in Malaysia', *South Asian Journal of Macroeconomics and Public Finance*, 4 (1), 91-117, doi: 10.1177/2277978715574620 (**SAGE Publications**).
7. Maitra, B and S. Debnath (2015). 'Efficacy of Monetary Policy in Sri Lanka', *International Journal of Economics and Business Research* (**INDERSCIENCE Publishers**).

Publications in National Journals (Since 2011)

8. Maitra, B (2011). 'Anticipated Money, Unanticipated Money and Output Variations in Singapore', *Journal of Quantitative Economics*, Vol. 9, No. 1, pp. 118-133. (**Published by The Indian Econometric Society**).
9. Maitra, B and C. K Mukhopadhyay (2011). 'Causal Relation Between Money Supply and Rupee/Dollar Exchange Rate in India Under Basket Peg and Market Determination Regimes – A Time Series Analysis', *IUP Journal of Applied Economics*, Vol. 10, No. 2, 40 – 56.
10. Maitra, B, D. Mitra and S. K. Mandal (2013). 'ARIMA forecasting of exchange rate in India', *The Indian Journal of Commerce*, Vol. 66, No. 4, pp.54–64. (**Published by Indian Commerce Association**).

Education Department

1. Name of the Department: Department of Education
2. Year of establishment: 2008
3. Is the Department part of a School/Faculty of the university? Yes, the Department is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	1 (On Lien)	0
Associate Professor	2	1 (On Extension)	1
Assistant Professor	4	4	4
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. S. S. Bairagya (On Lien)	M.A. (Tripple), B. Ed., Ph.D., PGDCA	Professor	Economics of Education, Educational Technology	13	Ph.D.: 4 M.Phil.: 2
Dr. T. Dutta (On Extension)	M.A., B. Ed., Ph.D.	Associate Professor	Advance Statistics, Advance Research Methodology	31	Ph.D.: 3 M.Phil.: 2

Dr. D. Debnath	M.A. (Double), B.Ed., Ph.D.	Assistant Professor	Teacher Education, Advance Methodology of Educational Research	12	Ph.D.: 3 M.Phil.: 2
Dr. U. K. Halder	M.A., Ph.D.	Assistant Professor	Educational Measurement and Evaluation, Educational Technology	3	Nil
Dr. B. Mishra	M.A. (Double), Ph.D.	Assistant Professor	Educational Measurement and Evaluation, Educational Technology	5	Nil
Dr. P. Debnath	M.A. (Double), B.Ed., DELT., Ph.D.	Assistant Professor	Guidance and Counselling, Educational Technology	3	Ph.D.: 3

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.

13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.

14. Programme-wise Student-Teacher Ratio:

Course	Ratio
M.A.	40:1
M. Phil	03:01
Ph. D	04:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.
18. Inter-institutional collaborative projects and associated grants received: Nil.
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
20. Research facility / centre with:
 - State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil.
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications:
 - ❖ Number of papers published in peer reviewed journals (national / international):
(National = 15 International = 38)
 - **Dr. T. Dutta**
International Journal: 03
National Journal: 07
 - **Dr. S. S. Bairagya**
International Journal: 06
National Journal: 03
National Conference: 01
 - **Dr. D. Debnath**
International Journal: 07
National Journal: 02
 - **Dr. U. K Halder**
International Journal: 08
National Journal: 01
National Conference: 01
 - **Dr. B. Mishra**
International Journal: 13
National Journal: Nil
 - **Dr. P. Debnath**
International Journal: 01
National Journal: 01
 - ❖ Monographs: Nil
 - ❖ Chapters in Books: 14
 - Dr. T. Dutta:** Book Chapter: (01)
 - Dr. S. S. Bairagya:** Book Chapter: (04)
 - Dr. D. Debnath:** Book Chapter: (03)
 - Dr. U. K Halder:** Book Chapter: (04)
 - Dr. B. Mishra:** Book Chapter: (01)

Dr. P. Debnath: Book Chapter: (01)

- ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: 14 (Details are annexed)
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: upto 3.059.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad:
Dr. D. Debnath, NCTE Visiting Team Member (ERC).
26. Faculty serving in:
- ❖ National committees: 01
 - iii. Dr. P. Debnath, Member, AIAER.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: 05
 - Dr. S. S. Bairagya
 - ♦ Edusearch: Journal of Educational Research
 - Dr. D. Debnath
 - ♦ Global Journal of Multidisciplinary Studies
 - ♦ International Multidisciplinary Journal
 - ♦ Reviews of Literature (ROL) Journal
 - ♦ International Journal of Research in Arts and Science
 - ❖ Any other (please specify): 02
 - Dr. S. S. Bairagya
 - ♦ Advisor, Curriculum Committee for B. Ed, B. P. Ed., M. Ed and M. P. Ed. Syllabus, Higher Education Department, Govt. of West Bengal.
 - Dr. D. Debnath
 - ♦ Member, Curriculum Committee for B. Ed, B. P. Ed., M. Ed and M. P. Ed. Syllabus, Higher Education Department, Govt. of West Bengal.
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.
28. Student projects:
- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 274 Masters Dissertations.
 - ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.
29. Awards/ recognitions received at the national and international level by:

- Faculty: Nil.
- Doctoral / post doctoral fellows: Nil.
- Students: Nil.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

- ❖ NUEPA Sponsored Two Days National Seminar on “Policies Adopted and Practiced by the Boards of Secondary Education on Various Issues: Affiliation, Admission, Recruitment, Curriculum and Examinations”, Dec. 9-10, 2010.
- ❖ University of Gour Banga Sponsored Two Days National Seminar on “Interdisciplinary Research and Sustainable Development”, June 14-15, 2014.
- ❖ University of Gour Banga Sponsored One Day Workshop on Reconstruction of B. Ed. on 10.05.2012.
- ❖ University of Gour Banga Sponsored One Day Workshop on The New Curriculum of B. Ed on 25.02.2014.
- ❖ University of Gour Banga Sponsored Special Talk in collaboration of the Department of Sociology, UGB on “Managing their Time and Risk: Education in Prison” by Howard Davidson, Senior Scholar, Minnesota University, Canada on March 22, 2012.
- ❖ National Seminar on “Teacher Education in 21st Century: A Comprehensive Approach” organized by Rahamania B. Ed. College in collaboration of the Department of Education, UGB on Dec. 7-8, 2014.

31. Code of ethics for research followed by the department

As per the Statute, Ordinance and Act of the University

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	--	2011-12	32	38	100	100
M.A.	185	2012-13	24	46	100	100
M.A.	129	2013-14	32	42	Continuing	
M.A.	--	2014-15	41	41	Continuing	
M. Phil	62	2015-16	08	07	Continuing	
Ph. D	102	2014-15	09	04	Continuing	
Ph. D	98	2015-16	--	--	Continuing	

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A. (2011-12)	95.72	4.28	0	NIL
M.A. (2012-13)	95.72	4.28	0	NIL
M.A. (2013-14)	91.89	8.11	0	NIL
M.A. (2014-15)	85.37	14.63	0	NIL
M. Phil	93.33	6.66	0	NIL

Ph. D	0	92.31	7.69	NIL
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34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Remark
NET			
1	Susmita Sarkar	UGC	June, 2013
2	Enamul Ansary	UGC	June, 2014
3	Binay Barman	UGC	June, 2014
4	Josnara Khatun	UGC	Dec., 2014
SET			
5	Josnara Khatun	WBCSC	2014
Other			
West Bengal Central School Service			
6	Sudipa Dutta	WBCSSC	
7	Nishad Alam	WBCSSC	
8	Farida Yasmin	WBCSSC	
9	Koushik Paul	WBCSSC	
10	Susmita Sarkar	WBCSSC	
11	Gayatri Singh	WBCSSC	
12	Piyali Dutta	WBCSSC	
13	Debjani Dutta	WBCSSC	
14	Suparna Mallick	WBCSSC	
15	Mrinmay Acharjya	WBCSSC	
16	Pradip Karmakar	WBCSSC	
17	Pradip Barman	WBCSSC	
18	Subhajit Paul	WBCSSC	
19	Tarun Kr. Singh	WBCSSC	
20	Luis Soren	WBCSSC	
21	Uma Das	WBCSSC	
22	Sanchita Swarnakar	WBCSSC	
23	Shyamali Pramanik	WBCSSC	
24	Kakoli Choudhury	WBCSSC	
25	Anusua Banerjee	WBCSSC	
26	Tausif Biswas	WBCSSC	
27	Safiqul Islam	WBCSSC	
28	Eshaq Sk.	WBCSSC	
29	Bipul Barman	WBCSSC	
West Bengal Primary School Service			
30	Samir Mandal	WBBPE	
Indian Railway (Eastern)			

31	Madhumita Sigha Roy	Indian Railway (Eastern)	
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35. Student progression

Student Progression		Percentage Enrolled	Against
U.G. to P.G.		--	
P.G. to M. Phil		93	
P.G. to Ph. D		--	
Ph. D to Post-Doctoral			
Employment Status	Campus Selection	--	
	Other than Campus Recruitment	25	
Entrepreneur		--	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Ph. D= 03

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Nil.
- ❖ Internet facilities for staff and students: 06 Ports for Staffs.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil (D-Projector is used)
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates:

c) From the host Institution/University

List of Doctoral Students:

S. N.	Name	Supervisor	Year
1.	Dr. Tapati Debnath	Dr. S. S. Bairagya	2014
2.	Amiya Mukherjee	Dr. S. S. Bairagya	2014

3.	Sarmistha Das	Dr. S. S. Bairagya	2014
4.	Unis Subba	Dr. S. S. Bairagya	2014
5.	Milan Kumar Saha	Dr. T. Dutta	2014
6.	Anup Kumar Mandal	Dr. T. Dutta	2014
7.	Sanghamitra Ghosh	Dr. T. Dutta	2014
8.	Dr. Sougata Basu	Dr. D. Debnath	2014
9.	Bimal Mandal	Dr. D. Debnath	2014
10.	Arshad Hossain	Dr. D. Debnath	2014
11.	Soumendra Nath Saha Choudhury	Dr. P. Debnath	2014
12.	Ataur Rahaman	Dr. P. Debnath	2014
13.	Ahsan Habib	Dr. P. Debnath	2014

Research Associates: Nil.

d) From other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university:

M.A. (2011-2012): 7 (Half & Full Fee waive)

M.A. (2012-2013): 7 (Half & Full Fee waive)

M.A. (2013-2014): 13 (Half Fee waive)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, the demands and needs of the M. Phil Programme from the end of the students were taken into consideration. The suggestions from the experts and local educationists were sought in this regard.

42. Does the department obtain feedback from:

❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, the faculty members of this department are asked to comment on the syllabus and curriculum and such feedbacks are adopted for modifying and updating the curriculum.

❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, students are occasionally asked to opine on the curriculum and teaching-learning method and their opinions are considered.

❖ Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, feedbacks from employers are taken into consideration.

43. List the distinguished alumni of the department (maximum 10): Nil.
44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:
- Prof. Nemai Roy, Dept. of Education, University of Kalyani,
 - Dr. Srideepa Sinha, Dept. of Education, Calcutta University,
 - Prof. Kutubuddin Mallick, Dept. of Education, Calcutta University,
 - Prof. Dulal Mukhopadhyaya, Dept. of Education, University of Kalyani,
 - Prof. Taraknath Pan, Vidya-Bhawana, Visva-Bharati,
 - Prof. Rita Sinha, Dept. of Education, Calcutta University,
 - Dr. Debjani Guha, Dept. of Education, University of Kalyani.
 - Dr. Bijan Sarkar, Dept. of Education, University of Kalyani.
45. List the teaching methods adopted by the faculty for different programmes: Audio – Lecture Method, Audio-Visual Teaching methodology by utilising Digital Projector, and Dissertation Project.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Through getting regular feedback from students.
47. Highlight the participation of students and faculty in extension activities:
- Blood Donation Camp (bi-annual)
 - Thalassemia Screening Test and Awareness Programme
 - Red Ribbon Days
 - Environmental Awareness.
48. Give details of “beyond syllabus scholarly activities” of the department:
- Cultural Programmes
 - Freshers’ Welcome
 - Annual Re-Union
 - Farewell
 - Publication of Wall Magazine
 - Observation of Teachers Day and other observable Days
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: The department has developed the curriculum of P. G., U. G. and B. Ed. Courses for the affiliated colleges under the University of Gour Banga.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:
Major Strengths:
- The friendly relationship among teachers and students are the main strength of this department. The department always tries to maintain a healthy relationship between teacher-student, student-student and teacher-teacher.
 - The students of this department consistently show a satisfactory performance in their academic aspect, as above 40% of the students in average score above 55%.
 - The students of this department show a good performance in all the cultural perspectives and sports beside the academic aspect.
 - The teachers of this department are young, energetic and enthusiastic in nature and it is a great strength to make the department progressive. Their

positive attitude towards the departmental activity has made it possible to arrange the M. Phil programme without any feasible infrastructure, even a classroom.

- The students of this department are well disciplined and obedient as they regularly attend their class in such an environment with scorching temperature (above 40 C) in summer without a sufficient arrangement of fans and air ventilation.

Major Weaknesses:

- The department has no non-teaching staff to perform daily official works and run it smoothly
- The department is lacking from adequate infrastructural facilities
- There is no Departmental Library
- English communication skill of the students is very poor
- There is no Psychological and Educational Technological Lab in the Department.

Major Opportunities:

- The department maintains a favourable atmosphere to ensure intra-disciplinary co-operation. The students may base this asset for their future life.
- The department tries to encourage the students for social service through its different curricular activities.
- A little be talked research based experience is instilled into the minds of the students so that they may be engaged in research activities in future.
- The teachers of the department always try to provide the students a proper kind of educational guidance whenever they need and ask.
- The department tries its level best to help the students better their academic performance, so that they may be successful in various competitive exams.

Major Challenges:

- To motivate the students to gather real knowledge instead of rote learning.
- To help the students establish in their professional life.
- To help them enhance their communication skill in English Language.
- To help them know the proper use of ICT.
- To spread the quality higher education in this minority populated and underdeveloped locality.

52. Future plans of the department:

- To introduce new courses like M. Ed. & Distance Education.
- To introduce various short-term courses and training programmes.
- To start career guidance in the department.
- To introduce educational counselling in the department.
- To start collaborative services with the other departments and other universities through MoU.
- To upgrade the department for inter-disciplinary research and ICT enabled digital environment.

English Department

1. Name of the Department: Department of English
2. Year of establishment: 2008
3. Is the Department part of a School/Faculty of the university? Yes, it is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	1	1
Assistant Professor	4	4	4
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Amit Bhattacharya	M.A., Ph. D	Associate Professor	New Literatures in English, Marginality Studies, American Literature, British Poetry	14	Nil
Sri Debapriya Paul	M.A., M. Phil	Assistant Professor	Nineteenth-Century Studies, Indian Writing in English	10	Nil
Sri Sabuj	M.A.	Assistant	American	6	Nil

Sarkar		Professor	Literature, Queer Studies, Gender Studies, Literature and Folklore		
Sri Samipendra Banerjee	M.A., M. Phil	Assistant Professor	Indian Drama in English, Theatre and Performance Studies, Gender and Sexuality Studies	8	Nil
Sri Bibek Adhikary	M.A.	Assistant Professor	American Literature, Post-war British Fiction	On Probation	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.

14. Programme-wise Student-Teacher Ratio:

Course	Ratio
M.A.	160:05
M. Phil	12:04
Ph. D	07:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
20. Research facility / centre with:
 - State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications:
 - ❖ Number of papers published in peer reviewed journals (national / international): 12
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: 15
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: Nil.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: Nil.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.
26. Faculty serving in:
 - ❖ National committees: Nil.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: Nil.
 - ❖ Any other (please specify): Nil.
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Members of the faculty participate in Orientation Programmes, Refresher Courses, and Workshops.
28. Student projects:
 - ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
 - ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.
29. Awards/ recognitions received at the national and international level by:
 - Faculty: NIL.
 - Doctoral / post doctoral fellows: NIL.
 - Students: NIL.
30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

Workshops:

S. N.	Name of the Talk	Date of the programme	Funding Agency	Resource Person(s)
1.	Talking Performance	23 September 2011	UGB	<ul style="list-style-type: none"> • Debesh Chattopadhyay (<i>Eminent Actor and Director</i>) • Debashis Sen Sharma (<i>Independent film maker</i>)
2.	Talking Texts	6 January 2012	UGB	<ul style="list-style-type: none"> • Dr G.B.Sural (<i>Associate Professor & Head, PG Department of English, Bankura Christian College</i>) • Mosarrap Hossain Khan (<i>Research Scholar, New York University</i>)
3.	Talking Literature	18 July 2013	UGB	<ul style="list-style-type: none"> • Dr Sajal Bhattacharya (<i>Associate Professor of English, Narendrapur Ramkrishna Mission Residential College</i>) • Dr Amzed Hossain (<i>Associate Professor & Head, Dept of English, Aliah University</i>)
4.	Talking Gender	17 December 2014	UGB	<ul style="list-style-type: none"> • Nandini Saraswati W.B.C.S (Exe) (<i>S.D.O, Malda Sadar</i>) • Dr Swati Ganguly (<i>Associate Professor, DOEMEL, Visva-Bharati</i>)
5.	Talking Stress	24 July 2015	UGB	<ul style="list-style-type: none"> • Mohit Ranadip (<i>Eminent Mental Health Activist and Family Counsellor, Kolkata</i>), • Parnasha Gupta Roy (<i>Clinical Psychologist, Kolkata</i>) • Dr Dinen Banerjee (<i>Consultant Psychiatrist, Kolkata</i>) • Dr Anindya Kr Roy (<i>Assistant Professor of Psychiatry, Malda Medical College and Hospital</i>)

31. Code of ethics for research followed by the department:

- Students and scholars are instructed to maintain originality of research work.
- In order to maintain academic integrity, a strict policy against plagiarism has been adopted.
- Students and scholars are instructed to acknowledge sources while quoting from print and e-resources.
- To the extent possible, piracy is discouraged and intellectual property rights are respected.
- Care is taken to hold classes regularly and in time.
- Contact hours for students and scholars are arranged as per requirement.
- Care is taken to evaluate the answer scripts as per schedule.
- A balanced and professional student-teacher relationship is maintained.

- Research scholars are required to submit six-monthly report indicating progress and impediments.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	400	2010-11	39	37	95	73
M.A.	435	2011-12	35	38	85	89
M.A.	534	2012-13	36	39	88	100
M.A.	566	2013-14	41	29	--	--
M.A.	601	2014-15	47	53	--	--
M. Phil	97	2015-16	08	04	--	--
Ph. D	58	2013-14	02	02	--	--
Ph. D	56	2014-15	02	01	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from other universities within the state	% of students from other universities outside the state	% of students from other countries
M.A.	87	12	01	--
M. Phil	67	33	--	--
Ph. D	14	86	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NET-JRF

S.N.	Name of the Student	Conducting Agency	Year	Remark
1.	Washim Akram	UGC	June 2012	NET-JRF
2.	Bibek Adhikary	UGC	Dec 2012	NET-JRF
3.	Md. Tausif Ahmed	UGC	June 2013	NET-JRF
4.	Md. Mizanur Rahaman	UGC	June 2013	NET-JRF
5.	Md. Masud Ali	UGC	June 2014	NET-JRF
6.	Tushar Kanti Karmakar	UGC	June 2014	NET-JRF
7.	Bhaskar Chandra Sarkar	UGC	June 2014	NET-JRF

NET-LS

Sl.	Name of the Student	Conducting Agency	Year	Ramark
1.	Imrul Kayes Alam Sarkar	UGC	June 2012	NET-LS
2.	Antara Das	UGC	June 2012	NET-LS
3.	Shankar Biswas	UGC	June 2013	NET-LS
4.	Subrata Barman	UGC	Dec 2013	NET-LS
5.	Chiranjit Bepari	UGC	Dec 2013	NET-LS
6.	Shyamal Ghosh	UGC	June 2014	NET-LS
7.	Rumpa Podder	UGC	June 2014	NET-LS
8.	Rabi Kanta Roy	CBSE	Dec 2014	NET-LS
9.	Sudipta Singha	CBSE	Dec 2014	NET-LS

WBCSC-SET

S.N.	Name of the Student	Conducting Agency	Year	Ramark
1.	Md. Tausif Ahmed	WBCSC	2011	SET-LS
2.	Tushar Kanti Karmakar	WBCSC	2014	SET-LS

WEST BENGAL CIVIL SERVICE

S.N.	Name of the Student	Conducting Agency	Year	Ramark
1.	Md. Mosarraf Hossain	WPBSC	2015	WBCS-C

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		01
P.G. to Ph. D		01
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	60% (A significant number of our passed-out students are

		working in educational institutions, govt. and non-govt. Concerns)
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	20
From other Universities within the State	80
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Nil. But the department has created an e-library in its own effort with 1000 eBooks and journals .
- ❖ Internet facilities for staff and students: Provided to teachers only.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates:

a) From the host Institution/University

List of Doctoral Students:

S. N.	Name	Supervisor	Year
1.	Bibek Adhikary	Dr Amit Bhattacharya	2014-15 (Admitted to the Coursework)

Research Associates: Nil.

b) From other Institutions/University: NIL.

S. N.	Name of the Fellow	Year	Doctoral/ Postdoctoral	Name of the Institute
1.	Md. Abdul Wahab (Registered)	2013-14	Doctoral	North Bengal University
2.	Sujata Bose (Registered)	2013-14	Doctoral	Kalyani University
3.	Mamata Sengupta (Registered)	2013-14	Doctoral	North Bengal University

4.	Asit Biswas (Registered)	2013-14	Doctoral	Kalyani University
5.	Shilpi Basak (Admitted to the Coursework)	2014-15	Doctoral	Kalyani University
6.	Debayan Banerjee (Admitted to the Coursework)	2014-15	Doctoral	Burdwan University

40. Number of post graduate students getting financial assistance from the university: Nil.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes.

The department organized workshops as well as discussion meetings of the various empowered syllabus sub-committees before revising and reformulating the U.G., P.G., M. Phil & Ph. D syllabi, taking on board suggestions from teachers and experts.

42. Does the department obtain feedback from:

❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes. There is a practice of regular discussion among the faculty members regarding the various components and features of courses to be offered.

❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes. Based on the feedback taken from the students during and after every semester, on staff, curriculum and teaching-learning-evaluation, modifications are made to the syllabi and teaching strategies.

❖ Alumni and employers on the programmes offered and how does the department utilize the feedback?: Nil.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

S. N.	Name of the Resource Person	Topic of the lecture	Year
1.	Prof. Pradip Kumar Dey, Professor of English, Burdwan University	A Historical Perspective on Rushdie's <i>Midnight's Children</i>	2011
2.	Dr. Amrit Sen, Professor of English, Visva-Bharati	The Long Eighteenth Century	2011
3.	Dr. Angshuman Kar, Associate Professor of English, Burdwan University	A Marxist Reading of Shakespeare's <i>The Tempest</i>	2012
4.	Prof. Irshad Ghulam Ahmed, Professor of English, Sikkim Central University	Ecological consciousness in English modernist poetry	2013

5.	Prof. Girindra Nath Roy, Professor of English, North Bengal University	20 th Century Critical Theory	2013
6.	Dr. Amzed Hossain, Associate Professor and Head, Aliah University	A Feminist Reading of <i>Sultana's Dream</i>	2014
7.	Dr. Tapu Biswas, Assistant Professor of English, Visva-Bharati	<i>Waiting for Godot</i> and the tradition of the absurd drama	2015
8.	Sri Debrata Das, Assistant Professor, Rabindra Bharati University.	Can't the Subaltern Speak?	2015

45. List the teaching methods adopted by the faculty for different programmes:

The University has given laptop-computers to all the faculty members. The departmental teachers make use of the print and online materials in their classroom teaching. Students are provided with e-texts, audio texts, and quality research articles on general and specific topics. In many classes, relevant slides and films are shown to the P.G., M. Phil and Ph. D students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department holds regular DC Meetings to discuss issues regarding the teaching-learning process. Students are evaluated through internal assessment and seminar presentations.

47. Highlight the participation of students and faculty in extension activities:

The department has established the following forums for ensuring increased participation of all the stake-holders in the extension and co-curricular activities:

The Gour Banga Players:

The department of English has been actively engaged in theatre and drama since its very inception in 2008 through its drama club The Gour Banga Players. With Prof. Samipendra Banerjee as coordinator, The Gour Banga Players has consistently staged productions involving the students of the department of English. The students have also been exposed to theatre workshops and discussions on the dynamics of theatre and performance during the performances. John Keats: A Life in Performance, the first production of The Gour Banga Players was adjudged the best production in the annual cultural festival of our University in 2010. The department organized a student theatre festival in collaboration with the drama club of the PG department of English, R.B.C College, Naihati in 2012. The Gour Banga Players has been involved in the following productions:

Title of the Play	Details	Year
John Keats: A Life in Performance	4 performances of the play in Malda and participation in national level student theatre competition in Dramalog-II, organized by Max Mueller Bhavan, Chennai	4 performances in 2010, 2011 and 2012 at Malda. 1 performance in January 2013 in Max-Mueller Bhavan, Chennai.

Tasher Desh (adapted from the play by Rabindranath Tagore)	A performance on the occasion of Tagore's 173 rd birth anniversary at Malda.	2014
Streer Patra (adapted from the short story by Rabindranath Tagore)	A performance on the occasion of Tagore's 174 th birth anniversary at Malda. (This production has also been invited for a performance at Balurghat College in September 2015)	2015

Cinescope:

The department has a vibrant film club called “Cinescope” where regular screenings of classic and contemporary films and documentaries are arranged. A special emphasis is given to the films based on the PG syllabus, like *Pride and Prejudice*, *Wuthering Heights*, and Shakespearean plays and so on. The club, in collaboration with various local organizations, arranges lecture-demonstrations by eminent film makers and critics. The aim of the club is to sensitize the students about the art and technique of film making as well as to provide them with opportunities to explore film studies as an extension of textual studies. The co-ordinator of the film club Prof. Debapriya Paul has been a keen film lover and a member of The Cine Central, Calcutta.

Panorama:

Department of English, University of Gour Banga, has a photography forum named Panorama for the last two years. Panorama is engaged in a mission of social, cultural and historical documentation with its sizeable collection of photographs. Prof. Sabuj Sarkar, co-ordinator of the forum has a long experience of and passion for photography. He was a member of the photography club at Jadavpur University, Kolkata.

Interdisciplinary Study Circle:

The department established an interdisciplinary study circle with a view to sensitizing the students about the points of intersection that literary studies demand to be highlighted. For this purpose, the circle organizes workshops, symposia and special lectures on diverse topics and areas. The circle was inaugurated by the Hon'ble Vice-Chancellor Professor Gopalchandra Misra on 12 January, 2014 with Dr Amit Bhattacharya as co-ordinator.

48. Give details of “beyond syllabus scholarly activities” of the department:

The department organizes workshops, special lectures and symposium with invited and in-house teachers and scholars. The departmental teachers, scholars and students participate in national and international level conferences, seminars, workshops, symposia and public lectures, and also in co-curricular activities like games and sports, debate, quiz, extempore speech, recitation, dramatic performances, creative writing and publication of wall magazine.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

The department encourages a vibrant research mentality among the faculty members, students and scholars. There is a strong thrust to increase participation in seminars and conferences and publication of research article in reputed journals and anthologies of research articles, and the development of teaching-learning material for the students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Young and dynamic faculty.
- A cordial yet professional relationship between the students and teachers.
- High employment ratio among the passed out students.
- Adoption of multidisciplinary approach to the teaching-learning process.
- Departmental initiative for the utilization of e-resources for the benefit of the students and scholars despite the obvious infrastructural constraints.

Weaknesses:

- Inadequate number of teaching and support staff.
- Inadequate number of class rooms.
- No ICT enabled classroom, conference room and students' common room.
- No Language lab and Departmental Library.
- Inability to offer interdisciplinary optional courses to the PG students.

Opportunities:

- To sign MOUs with institutions of higher learning at home and abroad.
- To attract students from other states and neighbouring countries.
- To design innovative, interdisciplinary and market oriented courses.
- To promote diversified career options for students.
- To provide an inclusive and unbiased learning environment to students coming from diverse and underprivileged backgrounds.

Challenges:

- To generate income by offering short term certificate and diploma courses in soft-skill development, translation studies, folk and culture studies, creative writing etc.
- To secure adequate funding for providing quality educational and research facilities to students and scholars.
- To ensure all round faculty development in keeping with the changing trends in literary and cultural studies.
- To open schools and centres for the study and research in specific literatures and allied fields.
- To sensitize students, scholars and stakeholders about social, cultural and environmental issues affecting the community at large.

52. Future plans of the department:

- The department wishes to publish an international peer-reviewed journal in the near future.

- The department seeks to broaden and intensify academic communication with the constituent colleges and evolve as a major knowledge hub in English and cultural studies by the next ten years.
- The department plans to devote considerable energies in developing a sizeable back up of e-resources, weblogs and video lectures by generating its own departmental blog and encourage maximum student participation in such online forums within the next two years.
- The department plans to undertake projects in collaboration with concerned disciplines and institutions for the promotion of the languages, literatures, history and cultures of the region within the next five years.
- The department plans to create innovative teaching strategies with an emphasis on blended learning and multidisciplinary.

Publications of Dr. Amit Bhattacharya

List of Seminar/Conference Presentations (2011- 2015)

S.N.	Seminar/Conference	Sponsoring Agency/ Institution	Organiser	Presentation Title	Date
1	National Seminar on Contesting Ideologies and Recolonisation: Strategies of Pedagogic Reformulations & Academic Activism	UGC	Department of English, Malda Women's College in Collaboration with Malda College, Malda	<i>Nature, Natives and Narration: Art and Activism in a Third World Context</i>	8 th - 9 th September, 2011
2	National-Level Conference on "The Polyphonic Voice of Resistance and Looking Beyond: Commonwealth Literature"	UGC	The Post- and Undergraduate Department of English, Malda College, Malda in Collaboration with The Department of English, University B. T. and Evening College, Gunjabari, Coochbehar	<i>Defiant Dolls: Feminist Resistance and Resistant Females in a Thousand Splendid Suns and The Wasted Vigil</i>	19 th – 20 th September, 2011
3	National Seminar on Different Americas: Resituating American Identity in the	UGC	Department of English, GourMahavidyalaya in Collaboration with Malda	<i>Turning the Corner: The Twin Motifs of 'Leaving Behind' and 'Looking Forward' in three Post 9/11</i>	28 th - 29 th November, 2011

	Post 9/11 Classroom		Women's College, Malda	<i>American Novels</i>	
4	National Level Seminar-cum-Workshop on Exploring New Horizons of Translation: History, Theory and Practice	UGC	The Department of English, A. B. N. Seal College, Cooch Behar in Collaboration with The Department of English, Thakur Panchanan Mahila Mahavidyalaya, Cooch Behar	<i>Learn You Must: The Politics of Interlingual Translation in Two Bangla Adaptations of Pygmalion</i>	16 th -17 th March, 2012
5	National Seminar on Re-Interrogating American Studies: History, Culture, Identity	UGC	Department of English (UG & PG), Bankura Christian College, Bankura in Collaboration with IASA, Eastern Region, India	<i>Chronicling Change: The Ethics of Necessity and the Necessity of Ethics in Maya Anjelou's I Know Why the Caged Bird Sings</i>	18 th -19 th September, 2012
6	Intentional Conference on Literature to Cinema: Appropriation, Adaptation, Adulteration	ICSSR	Department of Humanities and Social Sciences, NIT Durgapur, West Bengal	<i>Playing With Pygmalion: A Study in Adaptation, Appropriation and Adulteration</i>	1 st -3 rd June, 2013
7.	National Seminar on Placing the Space: Facets and Prospects of Travel Writing	Aliah University	Department of English, Aliah University, West Bengal	<i>Terrae Incognitae: A Comparative Study Of 'Africa', 'Discoverers Of Chile' And 'Brazil, January 1, 1502'</i>	24 th – 25 th September 2014
8.	International Seminar on Bangla Bhasha O Sahitye Nana Charcha	Samsi College	Department of Bengali, Samsi College, Malda, West Bengal	<i>Communities In Crisis: Typological Affinities Between Hansuli Banker Upokatha And Things Fall Apart</i>	17 th February 2015
9.	National Seminar on Literature and Marginality:	Balurghat College	Department of English, Balurghat	<i>Re-formulating Marginalities: Issues and</i>	2 nd March

	Issues and Perspectives		College, Balurghat, West Bengal	Incentives	2015
10.	Departmental Seminar on New Dimensions in Literary Studies	Rabindra Bharati University	Department of English, Rabindra Bharati University, West Bengal	<i>Poetry as Autogynography: A Study of Three Poems of Treey Rachels</i>	24 th March, 2015

List of Publications of Dr. Amit Bhattacharya

1. "Unclaimed and Unredeemed: Gender, Marginality and Kamala Das's Poetics of Resistance". *Artha*. Vol. 10, No.1. 2011. 1-20. ISSN: 0975-329X.
2. "Towards a Postmodern Poetics: Reading Elizabeth Bishop's Reccy of Realities". *Rupkatha Journal of Interdisciplinary Studies*. Vol. 3, no. 2. 2011. ISSN: 0975-2935.
3. "The Lure and Lag: Intra-Lingual Translation in Three Women's Texts". *Margins*. Vol. 1.No. 1, 2011. 164-183. ISSN: 2250-0731.
4. "Going B(l)ack: Contextualizing Beneatha's Choice to 'Return' in Lorraine Hansberry's *A Raisin in the Sun*". *Appropriations*. Vol 7. 2011. 11-20. ISSN: 0975-1521.
5. "I'm Here: Shadowing Celie from Isolation to Integration in Alice Walker's *The Color Purple*". *Wesleyan Journal of Research*. Vol 4, No. 1. June 2011. 48-55. ISSN: 0975-1386.
6. "Kamala Das: A Voice of the Indigent Strata". *Appropriations*. Vol. 8. 2012. 11-26. ISSN: 0975-1521.
7. "The Aesthetics of Awareness: Kamala Das as a Poet of the Poor". In Nawale, Arvind K. and A.K. Sharma (Eds) *Global Responses to Literature in English*. New Delhi: Authorspress, 2012. 145-163. ISBN: 978-81-7273-652-1.
8. "The Fair World: Re-Reading Kamala Das's Critique of Chromatism". In Nawale Arvind K. (Eds.) *Rhyming with Reason: Critical Essays on Indo-English Poetry*. New-Delhi: Access, 2012. 116-139. ISBN: 978-81-921254-4-2.
9. "Potent Fragments and Fragmented Potency: The Persinal and the Poetic in Kamala Das's 'Composition'". In Nawale Arvind K., Smita Jha and Anindita Chatterjee (eds) *Contemporary Indo-English Poetry*. New-Delhi: Authors Press, 2012. 267-277. ISBN: 978-82-7273-654-5.
10. "Re-Membering Selves: Being and Writing in R.K. Narayan's *My Days*". Frontain, Raymond-Jean and Basudeb Chakraborti (eds) *A Talent for the Particular: Critical Essays on R.K. Narayan*. Delhi: World View, 2012. 273-290. ISBN: 978-81-920651-6-8.
11. "Damned for Difference: Re-Reading Kamala Das's Critique of Racism". In Roy, Vijay Kumar (Ed.) *Post Independence Indian Poetry in English*. New Delhi: Alpha Publications, 2015. 66-83. ISBN: 978-93-83292-36-3.

Publications of Debapriya Paul

Invited lectures/ Chairing the session or presentation for conferences/symposia
Etc.

S. N.	Title of the Lecture/ Academic session	Title of Conference/ Seminar	Organized by	Whether International/ National/State/ Regional/College or University Level
1	In search of the non-metropolitan reader in <i>The Shadow Lines</i>	Literature and Marginality	Balurghat College	National level, 2015

A) Published Papers in Journals

S.N.	Title with page no.	Journal	ISSN/ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Coauthor or	Whether you are the main author	year
1	Players on the Imperial stage	Visva-Bharati Qtrly		To be published		yes	

B (i) Articles/ Chapters published in Books

S. N.	Title with page no.	Book title, editor & publisher	ISSN/ISBN No.	Whether Peer reviewed.	Year	Whether you are the main author
1	America through Hindu Eyes Pp 310-320	Journeys: Indian Travel Writing	ISBN 9788180431012	Yes	2013	Yes
2	Partion and the nostalgic another space					To be published

ii) Full papers in Conference Proceedings

S. N.	Title with page no.	Details of Conference Publication	ISSN/ ISBN No.	year	Whether you are the main author
1	The Lotus and Star Spangled Banner Pp 65-72	Different Americas	ISBN 978-81-7273-751-1	2014	yes

List of Publications of Samipendra Banerjee:

Chapters in Books:

1. 'Contemporary India Imagined: Postmodernity, Gender and Nationhood in Mahesh Dattani's *Tara and Bravely Fought the Queen*' in Ketaki Dutta ed., *Indo Anglian Literature: Past to Present*, Booksway: Kolkata, 2008. [ISBN-81-89293-35-4]
2. 'Beyond the PostColonial: Multicultural Communication in Chetan Bhagat's *One Night @ The Call Center*' in Partha Kumar Mukhopadhyay ed., *Social Consciousness in the Postcolonial Indian English Fiction*, Sarup, New Delhi, 2009.[ISBN-978-81-7625-947-7]
3. 'Final Solutions: Themes and Contexts' in Angelie Multani ed., *Final Solutions: Mahesh Dattani: Text and Criticism*, Pencraft International, New Delhi, 2009. [ISBN-81-85753-98-9]
4. 'History Through Modernity: An Analysis of *Final Solutions*' in Kaustav Chakraborty ed. *Indian English Drama*, PHI Learning, New Delhi, 2011. [ISBN- 978-81-203-4289-7]
5. 'Women, Gender and India: Reading Dattani's *Bravely Fought the Queen*' in Ankur Konar ed., *Discourses on Indian Drama in English*, Aveneel Press, Kolkata, 2013.

Journal Articles:

1. 'Ravaged Bodies, Embodied Performance: Performativity in Dattani's *Brief Candle*' in Tarun Tapas Mukherjee ed. *Rupkatha Journal on Interdisciplinary Studies in Humanities*. Volume V, No. 2 (2013) [Special Issue on Performance Studies] [ISSN-0975 2935] [International]
2. 'Gender, Identity and Contemporary India: A View through Two Plays by Mahesh Dattani' in Martin Middeke ed. *Journal of Contemporary Drama in English*. Volume 2 No. 2 (2014) [De Gruyter Journals, Berlin] [ISSN-0301-3294] [International]

Geography Department

1. Name of the Department: Department of Geography
2. Year of establishment: 2011
3. Is the Department part of a School/Faculty of the university?
Yes, it is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	1	1
Assistant Professor	4	3	3
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Sujit Mandal	M.Sc., Ph. D	Associate Professor	Geomorphology	10	Nil
Dr. Swades Pal	M.A., Ph. D	Assistant Professor	Geomorphology and Cartography	05	1 (Ph. D)
Kabita Lepcha	M.A./M.Sc	Assistant Professor	Fluvial Geomorphology	03	Nil
Arijit Das	M.A., M. Phil	Assistant Professor	Regional Development and Planning	03	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Professor Malay Mukhopadhyay, HOD, Dept. Of Geography, Visva-Bharati, Santiniketan.
- Dr. Sanat Guchhaith, Professor, Dept. Of Geography, Burdwan University.
- Prof. Ashis Sarkar, Professor, Chandannagar Govt. College, Burdwan University (awaited)

13. Percentage of classes taken by temporary faculty (programme-wise information):

M.A.= 0.5, Ph. D= 04

14. Programme-wise Student-Teacher Ratio:

Course	Ratio
M.A.	18:01
M. Phil	03:01
Ph. D	02:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with:

- State recognition: RS-GIS Laboratory (30 lakhs approved)
- National recognition: Nil.
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications: (details enclosed in Appendix 1)

- ❖ Number of papers published in peer reviewed journals (national / international): 51
- ❖ Monographs: Nil.
- ❖ Chapters in Books: 10
- ❖ Edited Books: Nil.
- ❖ Books with ISBN with details of publishers: Nil.

- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: 0-13
- ❖ SNIP: Nil.
- ❖ SJR: Nil.
- ❖ Impact Factor – range/ average: 0-1.5
- ❖ h-index: Nil.

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in:

- ❖ National committees: Nil.
- ❖ International committees: Nil.
- ❖ Editorial Boards: 02

- Dr. Sujit Mandal
- Dr. Swades Pal

❖ Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):

- i. Three days workshop on ILwis Software 20.11.2014 to 22.11.2014.
- ii. Department as well as University authority allowed two of the faculties for orientation and one for refresher course in last four years
- iii. Two national seminars, three academic talks were organized by the department

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 100% (In-House Project), in term paper and field they used to do in every semester.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by:

- Faculty:

S. N.	Faculty	Awards and recognition
1.	Dr. Sujit Mandal	U.G.C, MRP 2013
2.	Dr. Swades Pal	Bio-Diversity Board, West Bengal, (awaited)

- Doctoral / post doctoral fellows: U.G.C- JRF (1) availed by Swadesh Pal for doctoral degree and UGC-JRF (2) by Arijit Das for M.Phil. Degree.
- Students: UGC-JRF (8) most of them are engaged in M.Phil. and Ph. D programme.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

- One day national seminar on “River Flood and Sustainable Resource Management”: 23.02.2013; funded by University of Gour Banga and NTPC.
- One day national seminar on “Social Well Being: Issues and Challenges in 21st Century India”: 7.01.2015; funded by University of Gour Banga.
- Three days workshop on “ILwis Software” 20.11.2014 to 22.11.2014; funded by University of Gour Banga.

31. Code of ethics for research followed by the department:

- It is mandatory to prepare and publish the research paper with the consent and approval from the research guide/department to assure the quality of research.
- Primary data based and field oriented research is our main thrust for generating strong knowledge support of the surrounding areas.
- Before entering into the research, strong literature review on the topic concerned is mandatory for understanding research trends.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.		2012-13	20	10	100	100
M.A.		2013-14	20	9	--	--
M.A.		2014-15	28	14	--	--
M. Phil	97	2015-16	8	4	--	--
Ph. D	56	2014-15	3	2	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A. (2011-12)	83.33	13.33	3.66	NIL
M.A. (2012-13)	73.33	20	6.66	NIL
M.A. (2013-14)	75	26.66	6.66	NIL
M.A. (2014-15)	70	26.20	3.8	NIL
M. Phil	33.33	58.33	8.33	NIL
Ph. D	20	60	20	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Remark
1.	Prabir Das	NET	LS
2.	Nabin Chandra Mandal	CSIR NET	LS
3.	Tanmoy Sarkar	NET, SET	LS
4.	Tirthankar Basu	NET	LS, JRF
5.	Somen Das	NET	LS
6.	Samrat Majumdar	CSIR NET	
7.	Indranil Dutta	NET	LS
8.	Ipsita Dutta	SLET, NET	LS
9.	Rajib Tarani Das	NET	JRF
10.	Sanjoy Hembrom	NET, SET	LS
11.	Subrata Mondal	NET, SET	LS
12.	Jagabandhu Roy	NET	LS
13.	Kali Kinkar Das	NET	LS
14.	Alok Roy	NET	JRF
15.	Swapan Talukdar	NET	LS
16.	Tamal Kanti Saha	NET	LS
17.	Sk. Ziaul	NET	LS
NET December 2012			
1.	Prabir Das	NET	LS
2.	Nabin Chandra Mandal	NET	LS
3.	Tirthankar Basu	NET	LS
NET 2013			
1.	Sanjoy Hembrom	NET	LS
2.	Subrata Mondal	NET (Both June and December)	LS
3.	Rajib Tarani Das	NET	JRF
4.	Jagabandhu Roy	NET	LS
5.	Indranil Dutta	NET	LS
6.	Tanmoy Sarkar	NET	LS
7.	Tirthankar Basu	NET (Both June & Dec)	LS, JRF
8.	Somen Das	NET (Both June & Dec)	LS
9.	Nabin Chandra Mandal	CSIR	LS/JRF
NET 2014			
1.	Alok Roy	NET	JRF
2.	Swapan Talukdar	NET	LS
3.	Tamal Kanti Saha	NET	LS
4.	Sk. Ziaul	NET	LS
5.	Rajib Tarani Das	NET	JRF
6.	Subrata Mondal	NET	LS
7.	Ipsita Dutta	NET	LS
8.	Kali Kinkar Das	NET	LS
9.	Prabir Das	NET	LS
10.	Samrat Majumdar	CSIR NET	LS
SET 2013-14			

1.	Ipsita Dutta	SET	LS
2.	Sanjoy Hembrom	SET	LS
3.	Subrata Mondal	SET	LS

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		10
P.G. to Ph. D		2.5
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	SSC-2 Guest Lecturers-9 Private Jobs- 1 Total %= 20
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	75
From Universities from other States	25
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: ONE (M. Phil); One (Ph.D)

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: E Library facilities (more than 521 book stocks and 1035 articles); Seminar library.
- ❖ Internet facilities for staff and students: 25.
- ❖ Total number of class rooms: 05
- ❖ Class rooms with ICT facility: 03
- ❖ Students' laboratories: 02
- ❖ Research laboratories: 02

39. List of doctoral, post-doctoral students and Research Associates:

c) From the host Institution/University

List of Doctoral Students:

S. N.	Name	Supervisor	Year
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1.	Somen Das	Dr. Swades Pal	2014-15
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Research Associates: Nil.

d) **From other Institutions/University:** NIL.

S. N.	Name of the Fellow	Year	Doctoral/ Postdoctoral	Name of the Institute
1.	Ananya Chakraborty	2014-15	Doctoral	Kalyani University
2.	Debarata Mandal	2014-15	Doctoral	Kalyani University
3.	Shahana Khatun	2014-15	Doctoral	Aliah University

40. Number of post graduate students getting financial assistance from the university:

- In session 2012-2013: 3
- In session 2013-2014: 5
- In session 2014-2015: 5
- In session 2015-2016: 5

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology:

Yes, Suggestions from Internal and External experts are taken into consideration for framing the syllabus of: M.A/M.Sc., M. Phil, Ph.D.

42. Does the department obtain feedback from:

- ❖ Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Faculties shares their feedback regarding the syllabus on regular basis and updating and modification in syllabus are made in accordance.

- ❖ Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, students' feedback regarding curriculum as well as teaching- learning-evaluation is taken at the end of the 4th semester, and such feedbacks are discussed and shared during the DC meetings and seek the suggestions accordingly.

- ❖ Alumni and employers on the programmes offered and how does the department utilize the feedback? Not yet started.

43. List the distinguished alumni of the department (maximum 10): Very young Department so such achievements are yet to gain.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Following distinguish experts delivered special lectures:

- Professor Malay Mukhopadhyay, HOD, Dept. Of Geography, Visva-Bharati,

Shantinekitan.

- Dr. Sanat Guchhaith, Professor, Dept. Of Geography, Burdwan University.
- Animesh Maji Technical Assistant Remote Sensing & GIS, Vidyasagar University.
- Professor Sunando Bandhopadhyay, H.O.D Dept. Of Geography, Calcutta University.
- Dr. Lakshmi Narayan Satpati, Associate Professor, Dept. Of Geography, Calcutta University.
- Professor Guru Prasad Chattopadhyay, Professor, Dept. Of Geography Visva-Bharati Santiniketan.
- Professor Arun Kumar Singh, Retired Professor, Anthropological Society of India.
- Professor Ranjan Basu, Professor, Department of Calcutta
- Dr. Ramkrishna Maiti, Associate Professor, Department of Geography and Environment Management, Vidyasagar University

45. List the teaching methods adopted by the faculty for different programmes:

Following teaching methods are being adopted by the faculties:

- Audio-Visual method
- Chalk and Talk method
- Field survey based method
- Laboratory based analysis method.
- Term paper presentation
- Group discussion.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The programme objectives are constantly met and learning outcomes are monitored by getting regular feedback from experts, employer as well as students.

47. Highlight the participation of students and faculty in extension activities:

- Environmental Awareness (06.06.2015) participated and delivered lecture by two of the faculty members; faculties and students also participated in plantation programme.
- Students were participated in Blood Donation Camps and donated blood.

48. Give details of “beyond syllabus scholarly activities” of the department:

- Cultural and Sports Programmes.
- Remedial Classes.
- Student Seminar
- Quiz competitions
- MCQ tests for preparing them for competitive examinations

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

Every two years 40 projects and field reports on surrounding environments are prepared

and these are related with different physical and social problems of the people concerned, and this may also be applied in micro level decision making.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Department publishes annual journal entitled “Geographical Letters”, incorporating some articles of ground value. Our thinking regarding this is to address local geographical problems so that local decision makers can get decision support.
- Young, Energetic, Co-operative and Responsible faculties and this ensures the smooth running of the department.
- Most of the students come from poor background but their modest behaviour and eagerness to do something good energizes us as well as they also perform good in different competitive examinations like NET, SET, etc. We hope in very near future they will get more success in these competitions.
- Efficiency in carrying out small projects by our students may serve our societal purpose.
- Adequacy of space for smooth running of the departmental activities.

Weaknesses:

- Inadequate number of teaching and non-teaching staffs.
- Lack of efficiency in English and poor communicative skills of the students.
- Lack of well equipped library facilities.
- Lack of equipments in physical cum soil laboratory.

Opportunities:

- Good opportunity of the RS-GIS laboratory for the students and scholars and thereby they are getting exposure in the use of RS-GIS software.
- Involvement and exposure of the students in the field based studies, data collection compilation and analysis by using advanced software packages like SPSS, Soil Testing Apparatus, GPS, Clinometers, Water Current Meter etc. while preparing their term papers and field reports and M.A dissertation.
- Students get the opportunities to improve the skills of presentation through seminar presentations of Term Paper, Field Reports and Dissertation to make them familiar with contemporary trends to face various academic and professional interviews.
- A good number of students applied for M.Phil and Ph.D programmes, Department get a scope to select some good research scholars of enough potentialities. We are optimistic regarding their research outcome.

Challenges:

- To enrich the students with the required efficiency and attitude for competing with the rest of the world and for their brighter future.
- To strengthen departmental collaboration with different government and non governmental agencies.
- To successfully place the students of this departments in various governmental and private sectors jobs.

- To upgrade department as a whole with adequate staffs and appropriate teaching and research facilities.
- To place the department as one of the best one with regard to teaching and research in very near future.

52. Future plans of the department

- Department would like to open PG diploma on RS-GIS diploma course for building spatial data handling expertise among the graduates, teachers and scholars.
- Make the soil laboratory more equipped and scientific within coming 2 years.
- Bring at least two good projects for addressing and finding measures regarding river bank erosion and arsenic pollution which the university catchment is caught by.
- Make more equipped coaching classes for national level examinations (NET/SET) and provide scope for building command in English language.
- Installation of a weather station for climate studies in our university.

History Department

1. Name of the Department: Department of History
2. Year of establishment: 2008
3. Is the Department part of a School/Faculty of the university?
Yes, the Department is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	0	0
Assistant Professor	4	2 + 1 = 3 (On Lien)	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Koushiki Dasgupta	M.A., Ph.D.	Assistant Professor	Modern Indian History	7	Nil
Dr. Hosnara Khatun	M.A., M. Phil, Ph.D.	Assistant Professor	Economic History of Modern India	7	Nil

Dr.Madhab Chandra Adhikary (On lien)	M.A., M. Phil, Ph.D.	Assistant Professor			
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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.

13. **Percentage of classes taken by temporary faculty (programme-wise information):**
Nil.

14. **Programme-wise Student-Teacher Ratio**

Course	Ratio
M.A.	200:2
M. Phil	06:02
Ph. D	04:02

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with:

- State recognition: Nil.
- National recognition: Nil.
- International recognition: Nil.

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications: (Annexure I)

- ❖ Number of papers published in peer reviewed journals (national / international):
- ❖ Monographs:
- ❖ Chapters in Books:
- ❖ Edited Books:
- ❖ Books with ISBN with details of publishers:

- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: SNIP: Nil.
- ❖ SJR:
- ❖ Impact Factor – range/ average:
- ❖ h-index: Nil.

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad:

Dr. Koushiki Dasgupta is selected as UGC Visiting Associate at the Inter University Centre for Humanities and Social Science, Indian Institute of Advanced Study, Shimla for three spells from 2015-2017.

26. Faculty serving in:

Dr. Koushiki Dasgupta

❖ **National committees**

Dr. Koushiki Dasgupta

- Chairman, Board of Post Graduate Studies in History, UGB.
- Member, Board of Under Graduate Studies in History, UGB
- Convenor, Board of Research Studies in History, UGB
- Member, Board of Under Graduate Studies in Women Studies, UGB.
- Convenor, Women Empowerment Cell, UGB
- Member, Annual Report Committee, UGB
- Programme Officer, NSS, Unit II, UGB since 2011-2013
- Member, Institute of Historical Studies, Kolkata
- Member, Bangiya Sahitya Parishad, Kolkata
- External Expert for appointment of guest lecturers in different degree and B.Ed colleges under UGB
- Annual Member, Indian History Congress
- Member, Indian Association of American Studies

❖ **International committees:**

- Member, International Federation of Social Science Organizations
- Member, Association of Third World Studies.
- Member, Association of South Asian Studies.

c) Editorial Boards: Bhashanagar, International Bi Lingual Socio-Cultural Journal.

❖ **Any other (please specify):**

- a) Honorary Member, American Library Kolkata
- b) Member, Society for Social Empowerment, New Delhi

Dr. Hosnara Khatun

• **National Committee:**

- National Committee: Member Board of Post Graduate Studies in History, UGB.
- Chairman, Board of Under Graduate Studies in History, UGB
- Member, Board of Research Studies in History, UGB
- Member Women Empowerment Cell, UGB

• **International Committee: None**

- Editorial Board: Muktakanta,
- **Any Other: Nil.**

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Yes, Faculty member have participated in UGC ASC Refresher, Orientation and Short-term programmes.

28. Student projects:

- ❖ **Percentage of students who have done in-house projects including inter-departmental projects:** 99 %..
- ❖ **Percentage of students doing projects in collaboration with other universities / industry/ institute:** Nil.

29. Awards/ recognitions received at the national and international level by:

- Faculty:

S. N.	Faculty	Awards and recognition
1.	Dr Koushiki Dasgupta	1.Received Junior Research Fellowship at the Department of History, University of North Bengal 2. Received the Charles Wallace Research Grant in United Kingdom 3. Received ICSSR travel grant for presenting paper at IFSSO conference at Istanbul, Turkey
2.	Dr.Hosneara Khatun	Received Junior Research Fellowship at the Centre for Himalayan Studies, University of North Bengal

- Doctoral / post doctoral fellows: Post Doctoral Charles Wallace Research Grant in UK.
- Students: Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

- Indian History Congress, 2011
- Special Lecture series on the History of Malda District in 2012
- Two days international seminar on Modern Bengal in 2014
- Special Lecture Programme by Prof Goutam Basu, Department of International

Relations, Jadavpur University, Kolkata in 2015

- Special Lecture programmes by Prof Subhashis Biswas, Department of History, Jadavpur University 2015
- Prof Ichchimuddin Sarkar, Department of History, University of North Bengal, 2014
- Prof Ranjan Chakraborty, Vice Chancellor, Vidyasagar University, 2013.
- Prof Smriti Kumar Sarkar, Vice Chancellor, Burdwan University, 2014

31. Code of ethics for research followed by the department

The Department follows UGC regulation for Ph. D. 2009, as adopted by the University

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	560	2011-12	85	45	98	99
M.A.	570	2012-13	55	54	99	97
M.A.	585	2013-14	36	69	96	99

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A.	90	10	--	NIL
M. Phil	95	5	--	NIL
Ph. D	90	10	--	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

SET			
1	Farmuz Sheikh	WBCSC	2014
2	Bijon Sarkar	WBCSC	2014

35. Student progression

Student Progression	Percentage Against Enrolled
U.G. to P.G.	--
P.G. to M. Phil	2
P.G. to Ph. D	2
Ph. D to Post-Doctoral	

Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Ph. D = 01

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Under Process.
- ❖ Internet facilities for staff and students: For Staff only.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host Institution/University

List of Doctoral Students:

Research Associates: Nil.

b) from other Institutions/University:

S. N.	Name of the Fellow	Year	Doctoral/ Postdoctoral	Name of the Institute
1.	Tapan Kumar Das	2014	Doctoral Student Under DR Koushiki Dasgupta	North Bengal University
2.	Umar Ali	2014	Doctoral Student Under Dr Hosneara Khatun	North Bengal University
3.	Kishore Roy Sarkar	2014	2014 Doctoral Student Under Dr Madhab Chandra Adhikary	Other University

4.	Liton Biswas	2014	Doctoral Student Under Dr Madhab Chandra Adhikary	Other University
5.	Ratan Chandra Roy	2014	Doctoral Student Under Dr Madhab Chandra Adhikary	Other University

40. Number of post graduate students getting financial assistance from the university:

None.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, through departmental committee meeting and through expert opinions on the subject concerned.

42. Does the department obtain feedback from:

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, the curriculum is formulated first by the Department Council, and then it is placed before the Board of the Courses of Study.

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Feedback is obtained from students on staff, curriculum and teaching-learning and utilizes it for adopting correctional measures.

- Alumni and employers on the programmes offered and how does the department utilize the feedback?

By redesigning curriculum

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Special Lecture:

- Prof Ranjan Chakrabourty on Environmental Studies in 2013
- Prof Suchandra Ghosh, Calcutta University took classes on Issues of Ancient Indian History in 2014
- Prof Rangan Kanti Jana, Burdwan University took classes on Issues of Ancient Indian History in 2014
- Prof Aloke Ghosh, Kalyani University took classes on International Relations in 2015.
- Prof Subhashis Biswas, Jadavpur University took classes on International Relations in 2015.
- Prof Mahua Sarkar, Jadavpur University took classes on International Relations in 2015.
- Prof Amit Bhattacharya, Jadavpur University took classes on Modern Indian History in 2015
- Dr. Rajashi Chakrabourty took classes on History of Medieval Bengal in 2015

- Sudash Lama, University of North Bengal took classes on Issues of Ancient Indian History in 2015

45. List the teaching methods adopted by the faculty for different programmes:

- Classroom lecture method.
- Classroom seminars
- Teaching through power-point presentations.
- Practical Training on study tour
- Group discussion methods

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department ensures and monitors outcomes by conducting comprehensive theory tests & viva-voce, monitoring of results by the departmental committee which analyzes learning outcomes, also by feedback from students and continuous interaction with parents. The teaching, learning and assessment strategies are structured right from framing the curriculum and preparing the annual plan by the Departments and Board of Studies. The students soon after the induction programme are updated with the information relating to time table and the academic programme. Learners are assessed through the informal interaction at the end of each teaching session and doubts of the learners are cleared. Internal assessment scheme, home-assignments, seminar presentations, small project reports and mid-term exams as well as semester exams are the assessment strategies structured to facilitate the achievement of the intended learning outcomes. The respective teachers discuss at the staff meeting the common areas and difficulties such as language and communication skills, technology awareness faced by the students. These are discussed and addressed in a common manner in the class rooms for the benefit of all students in general. Slow learners are identified and counselled individually in case of specific difficulties, and the staff members themselves work out the strategies suitable to overcome the barriers.

47. Highlight the participation of students and faculty in extension activities

- Through NSS
- Students of the department regularly participate in cultural , social and other competitive activities organized by University/colleges/other organizations
- Teacher of the department participate in academic conferences and other socio-cultural events in India and abroad.
- Though study tour programmes.

48. Give details of “beyond syllabus scholarly activities” of the department

- Practices to encourage and monitor graduate aptitudes (academic abilities, personal qualities and transferable skills among students)
- Through university seminars, quiz programmes and debates
- Participation in youth festivals and various competitions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: The courses taught in the Department have motivated and motivating numbers of students for further research on different new paradigms of History.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Major Strengths:

- Periodic revision of courses; introduction of innovative and interdisciplinary courses, Peer review of curriculum.
- Availability of qualified teachers specializing in different historical periods, themes and regions. Regular faculty meetings and democratically taken academic decisions ensure the smooth functioning and collegial atmosphere in the Department.
- Student cooperation and support in day to day activities of the Department.
- Support of the parents and cooperation from other faculty members of various departments of the university.

Major Weaknesses:

- Lack of sufficient number of faculty and non teaching staffs in the Department.
- Lack of infrastructure in the Department including a Departmental Library, conference room with digital facilities, technological assistance and others.
- Lack of Research Funding.
- Lack of sufficient books and Journals in the Library.
- Lack of enthusiasm and knowledge of English among the students.
- Lack of resources for the faculty to take part in academic conferences in India and abroad.
- Non availability of research resources at regional level and lack of institutional facilities to do research at national level.

Major Opportunities

- Research skills and aptitude of faculty will further improve the quality of teaching and research.
- Curriculum flexibility
- Visiting faculties contributed in the learning process of the Department as per requirements.

Major Challenges

- Geographically distanced region from the metro cities like Kolkata where most of the research materials are confined.
- To motivate the students for higher research and place them properly in the job market.
- To establish national and international contacts for the better interest of the faculty and students.
- To finish the course in time and to run the Departmental activities due to insufficient number of faculty members

52. Future plans of the department:

- The Department wants to open up interdisciplinary research centres with emphasis on gender, culture, literature, films etc.
- At the larger interest of the student of UGB, the Department wants to introduce the course of Ancient Indian History & Archaeology, Medieval Indian History at PG Level in the department.
- The Department wants to build a Museum with exhibits of archaeology, anthropology, tribal etc.
- The Department wants to open a remedial coaching and counselling centre for

the better employment opportunities of the ST SC and Minority and female students.

- The Department wants to open up centre for Regional History and a centre for Dalit Studies in near future.
- The Department is eager to enter into collaborative projects with the Tourism Department of West Bengal Government to take part in heritage conservation and promote tourism into the historical sites of Malda and nearest districts.
- The Department is interested to start language training centres necessary for historical research like Persian, Pali, Sanskrit, Portuguese, French and others.

Annexure- I

Dr. Koushiki Dasgupta

Number of papers published in peer reviewed journals (national / international)

- ‘Indian Beauty Industry and Women’ in the journal ‘*Kanpur Historiographers*’ in 2014 , Vol I. ISSN
- India and ASEAN: A Multifaceted Relationship in the journal *Politico*, ed. by Dr. Sudhir Singh, New Delhi, (ISSN), Vol II, No II, 2014
- “ Identity Question of the Bengali Muslims” in *Utkal Historical Research Journal*, by Utkal University
- (In) Visible Women Visible History, Poetry of Mallika Sengupta, in *Muse India* literary online journal, ISSN.2014.
- ‘Dilemmas in Bengal Politics” A Highlight on the Issue of Sovereign Bengal”, *Indian Historical Studies*, ISSN, Department of History, St Joseph College, Tamilnadu.(Co Authored with Prof I.Sarkar)
- ‘Bengali Cinema after partition`, in *Muse India* literary online journal, , ISSN.2015, July August.
- .“Bengal Politics and the Dilemma of the Bengali Hindus” in *Journal of Indian History*, by University of Kerala.(Co Authored with Prof I.Sarkar)

Chapters in Books-

- The Rhetoric of Dying Hindus.....`, in Dr Ratna Ghosh Edited, *The Study of Social History: Recent Trends*, Progressive Publisher, Kolkata, 2015, pp.413-435, ISBN`978-81-8064-210-4
- ‘Anglo Tibet Relation”: An Imbroglia`, in *Emerging Asia* ,(eds) by Dr.S Singh, New Delhi, 2015, pp.111-118, ISBN 978-81-8274-806-4
- “Situating Buddhism in the Context of the Present Changing World” in the book, *Language and Truth in Buddhism*,(ed). by Prof Raghunath Ghosh and Jotish Basak, 2009, New Delhi, pp 116-127, ISBN 81-7211-291-2

- ‘Swami Vivekananda: The Man and his Message in *Swami Vivekananda and National Integration*, (ed) by Dr Prajit Kr Palit, New Delhi, 2013, pp.262-268, ISBN, 978-81-926244-2-62
- ‘Rastriya Nipiran O Drohi Rabindranath’ in *Rabibdranath O Rajniti*, ed by Prof S Bera, Kolkata, 2013, pp.64-67. ISBN 81-87098-59-7 (Bengali)
- ‘Bharater Sammyo Sadhana O Swami Vivekananda’ in the book *Bahurupe Swamiji* (ed) by Dr. Asoke Kr Roy, 2013, pp.97-104, ISBN 978-93-80036-51-9 (Bengali)
- Beauty, Body and Media: How to be a complete woman? , in Amitava Chatterjee (ed), *Gender and Modernity*, Kolkata, 2015, pp.244-257, ISBN 978-93-80677-74-3
- ‘Hinduising the Hindus and Politicising the consciousness: A Focus on Bharat Sevashram Sangha in late colonial Bengal’, in the *Proceedings of the Indian History Congress, 73rd Session*, Mumbai, 2013 pp.697-706, ISSN 2249-1937
- ‘In Search of an alternative: The Workers and Peasants Party on the popular political front in late colonial Bengal’ in *The Speckled Canvas: A Contemporary Transdisciplinary Probe into the Society Literature and culture of Bengal over last Hundred Years*. by the Board of Editors, Khandra College, Kolkata, 2015

Edited Books: None

Books with ISBN with details of publishers:

Minor Political Parties and the Language of Politics in late colonial Bengal (1921-47), Abhijeet Publication, New Delhi ,11-120, 2013, ISBN 978-93-5074-101-6

- ‘Meao` a collection of Bengali poetry, 2015, Kolkata Book Fair, Prativas Publication, ISSN

Dr. Hosneara Khatun

- Number of papers published in peer reviewed journals (national / international): Two- “The Marwari Business Community in Darjeeling 1835-2000” in ‘*Education Rays; A multidisciplinary Quarterly International Research journal of Education & Humanitis*’, Jan-Feb, 2014 ISSN 2348-0467, Guwahati –

Monographs : None

Chapters in Books

- British Entrepreneurship in Darjeeling (1835-1947), in Shankar Biswas and Aloke Ghosh, ed, *Being in Bengal*,

Mathematics Department

1. **Name of the Department:** Department of Mathematics.
2. **Year of establishment:** 2008
3. **Is the Department part of a School/Faculty of the university?**
Yes, it is a part of the Faculty of Science.
4. **Programmes Offered:** M.Sc. & Ph. D
5. **Interdisciplinary Programmes and departments involved:** Nil.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
Nil.
7. **Details of programmes discontinued, if any, with reasons:** Nil.
8. **Examination System:** Semester System.
9. **Participation of the department in the courses offered by other departments:** Nil.
10. **Number of teaching posts sanctioned, filled and actual:** (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	1	1
Assistant Professor	4	4	4
Others	--	--	--

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Joydeep Sengupta	Ph.D.	Associate Professor and Head	Differential Geometry	13	03 (Persuing)
Dr. Shyamapada Modak	Ph.D.	Assistant Professor	Functional Analysis and Measure Theory	10	01 (Persuing)
Dr. Sanatan Das	Ph.D.	Assistant Professor	Fluid Dynamics and Operation Research	11	05 (Persuing)

Dr. Debraj Chandra	Ph. D	Assistant Professor	Topology and Functional Analysis	02	--
Bhanuman Barman	M. Sc	Assistant Professor	Decision Theory, Computational Statistics, DBMS, Optimization	02	02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.

13. Percentage of classes taken by temporary faculty (programme-wise information)

Name	Course(s) taken	Session	% of classes taken
Ali Akbar	MAT03,MAT10,MAT15 , MAT23	2011-2012	16%
Bikas Midda	MAT20A	2011-2012	2%
Santi Pada Dua	MAT13B	2011-2012	2%
Santi Pada Dua	MAT13B	2012-2013	2%
Bikas Midda	MAT20A	2012-2013	2%

14. Programme-wise Student-Teacher Ratio

S. N.	Course	Ratio
8.	M.Sc.	32:01
9.	Ph. D	09:05

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	One Casual staff	One Casual staff

16. Research thrust areas as recognized by major funding agencies

No funding available till date.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with: Nil.

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications

❖ Number of papers published in peer reviewed journals (national / international):

148 (106 + 24 + 12 + 4 + 2 = 148)

❖ Monographs: Nil.

❖ Chapters in Books: Nil.

❖ Edited Books: Nil.

❖ Books with ISBN with details of publishers: 05.

❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 69.

❖ Citation Index – range / average: Scopus: $(140+3+17+5+1)/5 = 33.2$ Google Scholar: $275+34+98+10+1)/5 = 418 / 5 = 83.6$

❖ SNIP: Nil.

❖ SJR: Nil.

❖ Impact Factor – range/ average: 0.00-0.84.

❖ h-index: Scopus $(7+1+1+2+1)/5 = 2.4$ & Google scholar $(8+4+2+6 +1)/5 = 21/5 = 4.25$

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in

❖ National committees: Nil.

❖ International committees: Nil.

❖ Editorial Boards: 1 (Dr. Joydeep Sengupta was a member of Editorial Board of Journal of Mathematics, University of North Bengal)

❖ Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.

28. Student projects

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by

- Faculty: Nil.
- Doctoral/ post doctoral fellows: Nil.
- Students: Nil.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: Nil.

31. Code of ethics for research followed by the department

- Every Registered scholar has to deliver a lecture on his/her research in presence of faculty members/other research scholars/interested PG students quarterly.
- Every registered scholar has to perform as tutor in a lecture or to conduct a tutorial/problem solving session as directed by the Department.

32. Student profile programme-wise

Name of the Programme	Applications received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
M. Sc		2011-12	60	13		
M. Sc		2012-13	54	21		
M. Sc		2013-14	57	18	Ongoing	Ongoing
M. Sc	436	2014-15	58	22	Ongoing	Ongoing

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc. (2013-14)				--
M. Sc (2014-15)	68.25	28.75	03	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Two students have cleared the NET during the assessment period.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		03
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	Most of our students opt for Teaching job in schools via School Service Commission
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01 (Dr. Debraj Chanda)

38. Present details of departmental infrastructural facilities with regard to

- ❖ **Library:** Nil.
- ❖ **Internet facilities for staff and students:** Provided in Staff Room and Computer Lab.
- ❖ **Total number of class rooms:** 02
- ❖ **Class rooms with ICT facility:** Nil.
- ❖ **Students' laboratories:** 01
- ❖ **Research laboratories:** Nil

39. List of doctoral, post-doctoral students and Research Associates

a) From the host Institution/University

List of Doctoral Students: 03

S. N.	Name	Supervisor	Year
1.	Shubhajit Chakraborty	Dr. Sanatan Das	2013-14
2.	Akram Ali	To be allotted	2014-15

3.	Palash Mandal	To be allotted	2014-15
4.	Bikarna Tarafdar	To be allotted	2014-15

Research Associates: Nil

b) From other Institutions/University

S. N.	Name of the Fellow	Year	Doctoral/ Postdoctoral	Name of the Institute
1.	Sukalyan Mistry		Doctoral	University of North Bengal
2.	Amit Debnath		Doctoral	Indian Institute of Technology, Kharagpur
3.	Ayesha Siddiki Banu		Doctoral	Aligarh Muslim University
4.	Bimal Kr. Biswas		Doctoral	University of Calcutta
5.	Mithun Basak		Doctoral	University of North Bengal

40. Number of post graduate students getting financial assistance from the university:

S.N.	Year	No. of Students
1.	2013-2014	08 (Full free-5, Half free-3)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology

Yes, suggestions from internal and external experts are taken into consideration for framing the syllabus. A proposed syllabus was circulated to some senior Professors and their comments were discussed during the meeting with due weight-age.

42. Does the department obtain feedback from

- **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Nil
- **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Nil.
- **Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Forming of Alumni is under process, especially through personal contacts and using Social Medias.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

The following distinguished Scientist/professor have visited Department of Mathematics, UGB, Malda to deliver lecture/Seminar:

- Prof. Manjusha Majumder, Dept. Of Pure Mathematics, University of Calcutta
- Prof. Dilip Kumar Ganguly (Retd.), Dept. Of Pure Mathematics, University of Calcutta
- Prof Ganapati Banerjee, Dept. Of Mathematics, Rabindra Bharati University
- Prof. Absos Ali Shaikh, Dept. Of Mathematics, University of Burdwan
- Prof. Pratulananda Das, Dept. Of Mathematics, Jadavpur University.
- Prof. Arijit Ghoshal, Dept. Of Mathematics, Kaji Nazrul University
- Dr. Barun Kumar Das, Dept. Of Mathematics, Sidho Kano Birsa University
- Dr. Animesh Biswas, Dept. Of Mathematics, University of Kalyani.

45. List the teaching methods adopted by the faculty for different programmes

- Interactive sessions beyond chalk and talk
- Tutorials
- Specially conducted problem solving sessions
- Student seminars
- Providing students video lectures of several national and international premiere institutes.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

We have limitations in this aspect. Only source is collecting feedback from students and discussing with experienced Professors outside regarding teaching.

We are regularly taking class tests, doing Internal Assessments, organizing Presentation on specific topic studied by them in each course per semester to enhance the comprehensibility and to understand the interconnection between courses.

47. Highlight the participation of students and faculty in extension activities

- Organizing **Blood Donation Camp** yearly (2013 onwards, in every camp the collection crossed 100 units).
- Preserving the **Blood donor cards** for each year and distributing the cards to others who need blood units in an emergent basis.
- Participating in **Tree plantation programme** in the University campus.
- Organizing **Welcome Programme** to Fresher's each year and performing stage programmes by both faculty members and students.
- Active participation of both faculties and students in each **non-Departmental cultural programmes**.
- Active participations in **Annual sports meet** in each year.
- Providing support to the university in various aspects. They are serving as the Chairperson/key members of various committees of the university: **Controller of Examinations (UG/PG)/ Board of Studies (UG/PG) / News Letter committee / IQAC** etc.

48. Give details of “beyond syllabus scholarly activities” of the department: Nil.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: Nil.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Faculty members are dedicated and devoted to impart learning among the students as well as to build up citizens with strong moral character
- Almost all students get financial assistance from various sources
- Good computer lab
- Number of students is growing rapidly who are aspirants for NET/SET/GATE etc
- Students support to faculty members for educational activities

Weaknesses:

- Our main weakness is that less number of posts is sanctioned and also two posts are vacant. The faculties are sometimes engaged with administrative responsibilities, teaching suffers.
- Since no hostel facility is available, all students has to journey regularly from outside, they loss energy, time and money. Even some students from distant places, who can't afford house rent, do not opt for PG-courses.
- For the Computer laboratory, one technician/lab. Instructor is necessary. We miss it.
- Only two classrooms are provided to the Department. So it becomes tough when both semesters run simultaneously involving specializations.

Opportunities:

Till date this is the only University in the surrounding three districts (Malda, Uttar Dinajpur, Dakshin Dinajpur), providing M.Sc. in Mathematics and hence we nurture almost all bright students in Mathematics from this area.

52. Future plans of the department

- To enhance the rate of **NET/SET/GATE** successful candidates
- To motivate more students for research
- To start M.Phil. Programme

List of Publications of Dr. Joydeep Sengupta

1.	On Semi pseudo symmetric Manifolds Admitting a Type of Quarter Symmetric Connection	M. Tarafdar and S. Chakraborty	Int. Journal of Contemporary Math. Sciences 1312-7586	2011, 6(4), 169 - 175
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2.	On Semi pseudo symmetric manifolds	M. Tarafdar	Tensor 0040-3504	2011, Vol. 72, no 3, 204-210
3.	Semi-symmetric Metric Connection with Pseudo-symmetric Torsion Tensor	B. Biswas and A. Konar	Lobachevskii Journal of Mathematics, 1995-0802	2012, Vol 2, No 33, 144-151
4.	On (κ, μ) Contact Metric Manifolds with certain Curvature Restrictions	S. Kundu	Acta Univeritatis Sapientiae, 2066-7752, 1844-6094	2012, Vol. 4, No. 1, 65-73.
5.	On Riemannian Manifolds Admitting Certain Curvature Restrictions	Amit Debnath and S. K. Jana	Vestitik	2013, 2(30), 40-61

(b) **Books:**

S. N.	Title	Publishers	Year of Publication
1	Tensor Calculus (Jointly with U. C. De and A. A. Shaikh)	1. Alpha Science International, Harrow, U.K. 2. Narosa Publishing House, Daryaganj, New Delhi	2004
2	Metric Spaces	U.N. Dhur and Sons, Kolkata	2005

Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programme:

S. N.	Programme	Duration	Organised By
1.	Workshop on Differential Geometry (Venue: Centre for Interdisciplinary Sciences, Benaras Hindu University)	02.05.2011 to 11.05.2011	Centre for Interdisciplinary Sciences, Benaras Hindu University

Invited Lectures / Workshops / Summerschools

S. N.	Programme	Duration	Organised By
1.	Mathematics Training & Talent Search Programme, Level 0 (As a Resource Person) (Venue: Visva Bharati)	04.06.2010 to 19.06.2010	National Board for Higher Mathematics
2.	Mathematics Training & Talent Search Programme, Level 0 (As a Resource Person) (Venue: Visva Bharati)	02.06.2011 to 18.06.2011	National Board for Higher Mathematics
3.	Orientation Programme (UGC Academic Staff College, University of North Bengal)	15.05.2013	
4.	Mathematics Discipline, University of Khulna	02.06.2013 and 03.06.2013	
5.	Mini Mathematics Training & Talent Search Programme, Level 0 (As a Resource Person) (Venue: Department of Mathematics, Indian Institute of Technology, Patna)	09.06.2014 to 21.06.2014	National Board for Higher Mathematics
6	Mini Mathematics Training & Talent Search Programme, Level 0 (As a Resource Person)(Venue: Department of Mathematics, Shiv Nadar University, Delhi)	08.06.2015 to 26.06.2015	

(a) Publications

•	International referred journals	108
•	National/indexed journals	9
•	Conference papers	6
•	Book with ISBN	3
•	Book	2
•	Citation Index	275
•	Impact Factor (IF)-average	0.84
•	h-index	8

•	i10-index	6
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(a) Publication of Books

- A **Text Book of Probability and Statistics** (Including Statistical Practical), *Dove Publishing House*, Kolkata, 2005 and 1st edition 2015, **ISBN: 978-93-82399-30-8**.
- Master-Key of UG Mathematics, *Dove Publishing House*, Kolkata, 2009 and 1st edition 2010 and Reprint 2011, 2012
- A Study of Vector Algebra and Calculus, *Dove Publishing House*, Kolkata, 2011, **ISBN: 978 - 81- 920678 - 0-3**
- Problems on UG Mathematics, *Sana Publications*, 2014
- An Integrated Approach to Numerical Analysis, *Sana Publications*, 2014, **ISBN: 978-81-929982-0-6**.

(b) Research Articles (ISBN & ISSN):

2011

1. R.N. Jana, M. Jana, **S. Das**, S. L. Maji and S. K. Ghosh: Hydrodynamic flow between two non-coincident rotating disks embedded in porous media, **World Journal of Mechanics** (ISSN: 2160- 0503), 1 (2011), 50-56 (USA).
2. S. K. Guchhait, **S. Das**, R. N. Jana and S. K. Ghosh: Combined effects of hall current and rotation on unsteady Couette flow in a porous channel, **World Journal of Mechanics** (ISSN: 2160- 0503), 1(2011), 87-99 (USA).
3. C. Mandal, S. L. Maji, **S. Das** and R. N. Jana: Effects of radiation and heat transfer on flow past an exponentially accelerated vertical plate with constant heat flux, **Advances in Theoretical and Applied Mathematics** (ISSN: 0973 - 4554), 6(5) (2011), 579-590 (South Korea).
4. **S. Das**, S.K. Guchhait and R. N. Jana: Unsteady MHD flow and heat transfer past a porous flat plate in a rotating system, **International Journal of Computer Applications** (ISSN: 0975 -8887), 33(2) (2011), 17- 26 (USA), **Impact Factor = 0.814**.
5. **S.Das**, N. Ghara and R. N. Jana: MHD free convection between vertical walls, **International Journal of Mathematical Archive**, 2(11) (2011), 2429-2439 (India).
6. **S.Das**, M.Jana and R. N. Jana: Couette flow through porous medium in a rotating system, **International Journal of Mathematical Archive** (ISSN: 2229 - 5046), 2(11) (2011), 2318-2326 (India).
7. **S.Das**, C.Mandal and R. N. Jana: Magnetohydrodynamic free convection in a vertical slot, **International Journal of Computer Applications** (ISSN: 0975 -8887), 35(3) (2011), 1- 6 (USA), **Impact Factor = 0.814**.
8. **S. Das**, M.Jana and R. N. Jana: Effects of radiation on free convection flow in a vertical channel embedded in porous media, **International Journal of Computer Applications** (ISSN: 0975 -8887), 35(6) (2011), 38-44 (USA), **Impact Factor = 0.814**.

9. *S. Das, B. C. Sarkar and R. N. Jana*: Hall Effects on MHD Couette Flow in a Rotating System, **International Journal of Computer Applications** (ISSN: 0975 -8887), 35(13) (2011), 22-30 (USA), **Impact Factor = 0.814**.
10. *M. Jana, S. L. Maji, S. Das and R. N. Jana*: Convection of radiating gas in a vertical channel through porous media, **World of Journal Mechanics** (ISSN: 2160- 0503), 1(2011), 275-282 (USA).
11. *S. Das, M. Jana and R. N. Jana*: Radiation effect on natural convection near a vertical plate embedded in porous medium with ramped wall temperature, **Open Journal of Fluid Dynamics** (ISSN: 2165-3852), 1 (2011), 1-11 (USA).

2012

12. *S. Das, S. K. Guchhait and R. N. Jana*: Radiation effects on unsteady MHD free convective Couette flow of heat generation/absorbing fluid, **International Journal of Computer Applications** (ISSN: 0975 - 8887), 39(3) (2012), 42 – 51 (USA), **Impact Factor = 0.835**.
13. *S. Das, S. K. Guchhait and R. N. Jana*: Effects of radiation on free convection MHD Couette flow with variable wall temperature in presence of heat generation, **Advanced in Theoretical and Applied Mathematics** (ISSN 0973- 4554), 7(2) (2012), 171-190 (South Korea).
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(c) Papers presented in Conferences/ Seminars/ Workshops/ Symposia

S. N.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether International/ National/ State /Regional/ College or University Level
1	Hall effects on MHD flow through a porous Channel in a rotating system with variable pressure gradient	1 st International Conference on “ <i>Recent Trends in Mathematics and its Applications</i> ” (ICRTMA-2013)	Department of Applied Mathematics, Vidyasagar University	International
2	Effects of Radiation and Viscous Dissipation on Unsteady Free Convective Flow past a Moving Vertical Porous Plate Embedded in a Porous	National Conference on “ <i>Emerging Trends in Physics of Fluids & Solids</i> ” (NCETPFS-2013)	Department of Mathematics, Jadavpur University	National

	Medium			
3	Convection of radiating gas in a vertical channel through porous media	National Seminar on “ <i>Recent Developments in Applied Mathematics and its applications</i> ” (RDAMA-2011)	Department of Applied Mathematics, Vidyasagar University	National
4	Second order slip flow and radiative heat and mass transfer on a vertical permeable shrinking sheet	UGC Sponsored National Seminar on “ <i>Recent Aspects in Mathematics and their Applications</i> ” 2014	Department of Applied Mathematics, Vidyasagar University	National
5	Entropy analysis on MHD pseudo-plastic nanofluid flow through a vertical porous channel with convective heating	International Conference on “ <i>Recent Aspects in Mathematics and its Applications</i> ” (ICRTMA 2015),	Department of Mathematics, Vidyasagar University, 2015	International

(d) Academic Staff College Orientation/Refresher Course attended:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
Refresher course on “Emerging Trends in Mathematics and its Applications”	ASC, Jadavpur University	16.06.2015 to 06.07.2015	UGC

(e) Areas of Research

- Fluid Dynamics/Mechanics
- Heat and Mass Transfer
- BL flows
- Magnetohydrodynamics (MHD)

- Magneto-nano Fluid Dynamics (MNFD)
- Magneto-bio Fluid Dynamics (MBFD)
- Bio-heat Transfer
- Porous media

(f) **Specialization:** Fluid Dynamics & Operation Research (OR)

(g) **Research Associates**

- **Prof. O. D. Makinde**

Senior Professor of Applied Mathematics & Computations
Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha 7395,
South Africa

Fellow: African Academy of Sciences

Secretary General: African Mathematical Union

Winner: NSTF/NRF TW Kambule Senior Researcher 2009/2010 Award

Winner: AU-Kwame Nkrumah Continental Scientific 2011/2012 Award

- **Prof. A. J. Chamhka**

Professor at the Mechanical Production Engineering Department, The Public
Authority for Applied Education & Training, P. O. Box 42325, Shuweikh, 70654,
Kuwait

- **Dr. D.B. Gurung**

Department of Natural Sciences (Mathematics), Kathmandu University, P. O. Box
6250, Kathmandu, Nepal

Dr. Shyamapada Modak

Publications

•	International referred journals	24
•	National/indexed journals	
•	Conference papers	
•	Book with ISBN	
•	Book	
•	Citation Index	
•	Impact Factor (IF)-average	
•	h-index	
•	i10-index	

Accepted papers:

1. Modak, Shyamapad, Decompositions of generalized continuity in grill topological spaces, Thai Journal of Mathematics (in Press).

2015

1. Modak, Shyamapada and Noiri, Takashi, Connectedness of ideal topological spaces, Filomat 29(4) (2015), 661 – 665.
2. Noiri, Takashi and Modak, Shyamapada , Half connectedness in GTS, Analele Universitații din Oradea-Fascicola Matematica, Romania. XXII (1) (2015), 135 – 139.
3. Modak, Shyamapada and Noiri, Takashi, μ - k – Connectedness in GTS, Boletim da Sociedade Paranaense de Matematica, Brasil, 33(2) (2015), 159 – 163.
4. Modak, Shyamapada, μ - μ^* - Connectedness via Hereditary Classes, Boletim da Sociedade Paranaense de Matematica, Brasil, 33(1) (2015), 41 – 48.

2014

1. Modak, Shyamapada and Garai, Biswanath, Note on continuities in minimal spaces, Acta Universitatis Apulensis, Romania. 39 (2014), 341 - 350.
2. Modak, Shyamapada and Noiri, Takashi, Mixed connectedness in GTS via hereditary classes, Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae Sectio Mathematica, Budapest, Hungary. (2014) (to appear).
3. Modak, Shyamapada, Ideal on generalized topological spaces, Scientia Magna international journal P.R.China. 10(2) (2014) (to appear).

2013

1. Modak, Shyamapada, Dense sets in weak structure and minimal structure, Communications of the Korean Mathematical Society, S. Korea. 28 (3) (2013), 589 – 596.
2. Modak, Shyamapada, Continuities on minimal space via ideals, Scientia Magna international journal P.R.China. 9 (4) (2013), 7 – 12.
3. Modak, Shyamapada, Operators on grill m -space, Boletim da Sociedade Paranaense de Matematica, Brasil. 31(2) (2013), 101 – 107.
4. Modak, Shyamapada, Topology on grill m -space, Jordan Journal of Mathematics and Statistics, Jordan. 6(3) (2013), 183 – 195.
5. Modak, Shyamapada, Decomposition of αM -continuity via ideals, Acta Universitatis Apulensis, Romania, 35 (2013), 125 – 131.

6. Al-Omari, Ahmad and Modak, Shyamapada, Filter on generalized topological spaces, Scientia Magna, P.R.China, 9(1) (2013), 62 – 71.
7. Modak, Shyamapada, Grill-filter space, The Journal of the Indian Mathematical Society, India. 80(3-4) (2013), 313 – 320.
8. Modak, Shyamapada, Topology on grill-filter space and continuity, Boletim da Sociedade Paranaense de Matematica, Brasil, 31(2) (2013), 219 – 230.

2012

1. Modak, Shyamapada, Some new topologies on ideal topological spaces, Proceedings National Academic Science, India, 82(3) (2012), 233 – 243.
2. Modak, Shyamapada, Mistry, Sukalyan and Garai, Biswanath, Remarks on ideal m-space, Analele Universitații din Oradea – Fascicula Matematica, Romania. XIX (1) (2012), 207 – 215.
3. Modak, Shyamapada, A Note on Relativization in Resolvability and Irresolvability, Bulletin of the Allahabad Mathematical Society, India. 27 (I) (2012), 1 – 8.

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
4 th Refresher course in Mathematics	ASC, University of North Bengal	08/01/2014 to 28/01/2014	UGC
66 th Orientation Programme	ASC, The University of Burdwan	05/07/2008 to 01/08/2008	UGC

Research Associate

- Dr. Chhanda Bandyopadhyay (India)
- Dr. Takashi Noiri (Japan)
- Dr. Ahamad Al-Omari (Jordan)
- Dr. Biswanath Garai (India)
- Sukalyan Mistry (India)

Debraj Chandra

Total No. of Publications: 04

Citations: 10 (google scholar), 5 (Scopus), 4 (Math-Sci Net)

h-index: 2 (Scopus/google scholar)

List of Publications:

1. D. Chandra and P. Das, *Some further investigations of open covers and selection principles using ideals*, **Topology Proceedings**, 39 (2012), 281-291.
2. P. Das and D. Chandra, *Spaces not distinguishing pointwise and \mathcal{I} -quasinormal convergence*, **Commentationes Mathematicae Universitatis Carolinae**, 54 (2013), 83-96.
3. P. Das and D. Chandra, *Some further results on \mathcal{I} - γ and \mathcal{I} - γ_k -covers*, **Topology and its Applications**, 160 (2013), 2401-2410.
4. S.K. Pal, D. Chandra and S. Dutta, *Rough Ideal Convergence*, **Hacettepe Journal of Mathematics and Statistics**, 42 (6) (2013), 633-640.

Papers Presented:

On \mathcal{I} -quasinormal convergence in **National Conference on Non-Linear Dynamics, Analysis and Optimization** held during Jan 9-10 , 2014, organized by Department of Mathematics (UGC-DRS Programme), Jadavpur University, Kolkata-700032.

Bhanuman Barman

Total No. of Publications: 02

Citations: 1 (google scholar, Scopus)

H-index: 1 (Scopus/google scholar)

List of Publications:

1. Barman, B., Bhattacharyya, S., Control of vortex shedding and drag reduction through dual splitter plates attached to a square cylinder, *Journal of Marine Science and Applications*, 14(2), 138-145, 2015.
2. Gopmandal, Partha P., Bhattacharyya, S., and Barman, B., Effect of induced electric field on migration of a charged porous particle, *The European Physical Journal E*, 37(11), 1-12, 2014.
3. Barman, B. and Bhattacharyya, S. Effect of Dual Splitter Plate attached with a Square Cylinder immersed in a Uniform Flow. In *International conference on Emerging Trends on Applied Mathematics*, February 12-14, 2014, Calcutta, India (accepted).

Paper Presented:

Barman, B. and Bhattacharyya, S., **Electroosmotic flow in a micro- and nanochannels**. In *National Conference on Mathematical Sciences and Applications (NCMSA-2010)*, January 14-16, 2010, Calcutta, India.

Philosophy Department

1. **Name of the Department:** Department of Philosophy
2. **Year of establishment:** 2012
3. **Is the Department part of a School/Faculty of the university?**
Yes, it is a part of the Faculty of Arts and Commerce.
4. **Programmes Offered:** M.A., M. Phil. & Ph. D
5. **Interdisciplinary Programmes and departments involved:** Nil.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil.
7. **Details of programmes discontinued, if any, with reasons:** Nil.
8. **Examination System:** Semester System.
9. **Participation of the department in the courses offered by other departments:** Nil.
10. **Number of teaching posts sanctioned, filled and actual:** (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	1	1+1 (On Lien)
Assistant Professor	4	2	1
Others	--	--	--

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Sukumar Ch Roy	M.A., M. Phil & Ph. D	Associate Professor	Epistemology, Logic, Ethics and Philosophy of Religion	18	Nil
Dr Purbayan Jha	M.A., Ph. D	Assistant Professor	Philosophy of Language, Wittgenstein's philosophy, Aesthetics	04	Nil

Dr Jhadeswar Ghosh	M.A., LLB, M. Phil & Ph. D	Associate Professor	Analytical Philosophy, Contemporary Western Philosophy, Philosophy of Language (Indian and Western), Philosophy of Mind and Ethics	20	Nil
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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.

13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.

14. Programme-wise Student-Teacher Ratio

Course	Ratio
M.A.	60:01
M. Phil	02:01
Ph. D	02:01

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. **Research thrust areas as recognized by major funding agencies:** Nil.

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

S . N .	Title of the Project	Funding Agency	Amount Rs. (in Lakhs)	Duration	Principal Investigator
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1	Climate Change and Disaster Management: Philosophical Approaches	Indian Council of Philosophical Research (Icpr), New Delhi	5.00 Lakhs	Two Years	Dr. Jhadeswar Ghosh
Total grant received			Rs. 5.00 Lakhs		

18. Inter-institutional collaborative projects and associated grants received: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil
20. **Research facility / centre with**
- State recognition: Nil
 - National recognition: Nil
 - **International recognition:** Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil
22. Publications: (For details See Annexure 1)
- ❖ Number of papers published in peer reviewed journals (national / international): 16
 - ❖ Monographs: Nil
 - ❖ Chapters in Books: 04
 - ❖ Edited Books: 01
 - ❖ Books with ISBN with details of publishers: 01
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil
 - ❖ Citation Index – range / average:
 - ❖ SNIP: Nil
 - ❖ SJR: Nil
 - ❖ Impact Factor – range/ average:
 - ❖ h-index: Nil
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad:

Dr. Jhadeswar Ghosh

- Invited to deliver two lectures on “Bhimabhoi’s Conception of Śūnyatā” in a Refresher Course at the Department of Philosophy, Jadavpur University, Kolkata, November, 2014.
- Invited as a speaker in the ICPR sponsored National Seminar on Philosophy of Religion at the Department of Philosophy, University of North Bengal, Darjeeling, in November 2014.
- Invited as a resource person in the International Conference on Modern Trends in Social and Basic Sciences at Alipurduar College, Alipurduar, March, 2015.

Dr. Purbayan Jha

- Invited as a speaker in the ICPR sponsored National Seminar on Philosophy of Religion at the Department of Philosophy, University of North Bengal, Darjeeling, in November, 2014.
- Invited to deliver lecture at the Dept. of Philosophy, Coochbehar College, Coochbehar for the seminar on “Logic and its Scope” in August, 2015

Dr. Sukumar Chandra Roy

- Invited to chair a session in the UGC sponsored National Seminar on India's Constitutional Development since the 1950s: Its Socio-Political & Economic Dimensions at Dewan Abdul Gani College, P.O. Harirampur, Dt. Dakshin Dinajpur in September, 2014.

26. Faculty serving in:

- ❖ National committees: Nil.
- ❖ International committees: Nil.
- ❖ Editorial Boards: Nil.
- ❖ Any other (please specify): Different committees in the university.

Dr Sukumar Ch Roy serving as the HOD in this Department, Member of the Court, Chairman of Board of Studies in UG and PG, Convener of the Board of Research Studies in Philosophy, Convener of SC, ST, OBC & Minority Cell and serving in different academic committees of the University of Gour Banga.

Dr Purbayan Jha, Member of BOS in UG and PG, BRS in Philosophy and Library Committee and serving in different academic committees of the University of Gour Banga

Dr Jhadeswar Ghosh, Member of BOS in UG and PG, BRS in Philosophy and serving in different academic committees of the University of Gour Banga.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil

29. Awards/ recognitions received at the national and international level by

- Faculty: Nil
- Doctoral / post doctoral fellows: Nil
- Students: Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: Nil

31. Code of ethics for research followed by the department

The Department of Philosophy, University of Gour Banga adopts the UGC Regulations-2009 on minimum standards and procedure for award of M.Phil/Ph.D degree. The Department conducts research methodology classes for research scholars where students are adequately trained regarding collection of materials and analysis of materials in the light of source books and genuine literature. The aim of such course is

to make them fully aware of the realizing founded in quality research. Efforts are being made to give them more exposure to knowledge generation by bringing renowned scholars from different universities.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	110	2011-12	43	27	100	100
M.A.	114	2012-13	42	28	100	100
M.A.	145	2013-14	40	33	--	--
M.A.	103	2014-15	28	59	--	--
M. Phil	40	2015-16		4	--	--
Ph. D	74	2015-16		5	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A. (2011-12)	100%	NIL	NIL	NIL
M.A. (2012-13)	84%	16%	NIL	NIL
M.A. (2013-14)	85%	15%		
M.A. (2014-15)			NIL	NIL
M. Phil	50%	50%	NIL	NIL
Ph. D		100%		

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		2
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	--
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	67
From Universities from other States	33
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: One faculty member was awarded PhD. in 2013.

38. Present details of departmental infrastructural facilities with regard to

- ❖ Library: Number of books in the Departmental Library – 65.
- ❖ Internet facilities for staff and students: Only for staff.
- ❖ Total number of class rooms: 03
- ❖ Class rooms with ICT facility: Nil.
- ❖ Students' laboratories: Nil.
- ❖ Research laboratories: Nil.

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host Institution/University

List of Doctoral Students:

S. N.	Name	Supervisor	Year
1.	Mowchhanda Ghosh		2015
2.	Abhijit Sarkar		2015
3.	Gauranga Das		2015
4.	Prahallad Ch Biswas		2015
5.	Srobon Kumar Mondol		2015
6.	Kaleswar Barman		2015

Research Associates: Nil.

b) from other Institutions/University: NIL.

40. Number of post graduate students getting financial assistance from the university: Nil.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, Suggestions from Internal and External experts are taken into consideration for framing the syllabus of: M.A/M.Sc., M. Phil, Ph.D.

42. Does the department obtain feedback from

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, feedback received from the faculties is placed before the Departmental Committee to revise the curriculum.

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, we regularly take feedback from students and attempt to incorporate the suggested improvements in our teaching procedure.

- Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

- World Philosophy Day under the auspices of Indian Council of Philosophical Research:

a) Organized on 20th November, 2012.

Speakers:

- Prof. Gopal Chandra Khan (Retd. Professor of Philosophy, Burdwan University)
- Prof. Manjulika Ghosh (Retd. Professor of Philosophy, North Bengal University)
- Prof. Subirranjan Bhattacharya (Professor of Philosophy, Calcutta University)

b) Organized on 23rd December, 2013.

Speaker: Prof. Kantilal Das (Professor of Philosophy, North Bengal University)

c) Organized on 23rd December, 2014.

Speakers:

- Prof. Tapan Kr. Chakrabarti (Retd. Professor of Philosophy, Jadavpur University)
- Prof. Ranjana Mukherjee (Retd. Professor of Philosophy, Rabindra Bharati University)
- Prof. Raghunath Ghosh (Professor of Philosophy, North Bengal University)

• **Special Lecture:**

Speaker: Prof. Tapodhir Bhattacharya (Professor Emeritus, Assam University and Former Vice-Chancellor of Assam University, Silchar)

Topic: Essence and Existence; Date: 29th April, 2015

• **Workshop:**

Speaker: Prof. Kantilal Das

Topic: Wittgenstein's *Tractatus*; Date: 22nd April, 2013

• **ICPR-sponsored Periodical Lectures:**

Topic: Bridge-building between Analytic and Continental Philosophy

Speaker: Prof. Manjulika Ghosh (Retd. Professor of Philosophy, North Bengal University); Date: 19th – 20th April, 2013

• **Visiting Faculty:**

- Prof. Bhaswati B. Chakrabarti (Former Professor of Philosophy, North Bengal University) in February, 2013.
- Dr. Ritabari Roy Mallick (Formerly Associate Professor in Philosophy of City College), Kolkata, February, 2013.
- Prof. Raghunath Ghosh (Professor of Philosophy, North Bengal University) in April, 2013.
- Prof. Manjulika Ghosh (Retd. Professor of Philosophy, North Bengal University) in November, 2013.
- Prof. Santosh Kr. Pal (Professor of Philosophy, Burdwan University), in April, 2015.
- Prof. Raghunath Ghosh (Retd. Professor of Philosophy, North Bengal University) in May, 2015.
- Dr. Sanjukta Basu (Associate Professor in Philosophy, Rabindra Bharati University) in May, 2015.
- Prof. Manjulika Ghosh (Retd. Professor of Philosophy, North Bengal University) in June, 2015.

45. List the teaching methods adopted by the faculty for different programmes:

Following teaching methods are being adopted by the faculties:

- a. The teaching method is mainly analytical, comparative and critical.
- b. Group discussions among the students are monitored by the teachers.
- c. Seminar Paper presentation by the students to enhance their writing and presentation skills.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department takes every care to cater the academic needs of students by ensuring that they are able to learn the philosophical concepts and have proper orientation. For this, internal assessment is done through viva-voce in presence of external experts, seminar presentation, tutorials, and MCQ test. In these ways, their output is monitored in a close manner.

47. Highlight the participation of students and faculty in extension activities:

A good number of our students participate in different programmes of NSS such as Blood Donation Camp and Environmental Awareness Programmes. The faculty members also participate in cultural, sports and environmental programmes.

48. Give details of “beyond syllabus scholarly activities” of the department:

The Department brings senior and eminent professors to enlighten the students and the scholars.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied

➡ The course offered in the department is unique, so that it attracts a lot of students. Some special courses are taught, both in theoretical and applied so that the values are inculcated among the students. The syllabus is made in such a way that the students get an ample opportunity to learn about the prominent thinkers and theories from both Indian and Western philosophy. Teachers of this department are actively engaged in their own research activities. Such research activities are published in different forms beneficial for students as well as scholars. Guidance at MPhil and PhD level and special lectures are being delivered by our faculty members.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Good relationship between teachers and students and a team spirit among the faculty members.
- Up to date syllabus to realize both the theoretical and practical utility of philosophy in the present era as well as comprehensive understanding of both the Indian and Western tradition.
- Original Text and reference books of Indian and Western philosophical are taught.
- Students are always dealt affectionately by the faculty members by guiding them whenever they come for consultation even in the office chamber.
- Motivation and support by the Vice-Chancellor.
- Faculty with PhD.

Weaknesses:

- Shortage of sufficient Faculty Members and not a single Office Assistant.
- Less meritorious students at the entry level.
- Student – teacher ratio is very poor.
- Most of the students are from rural background with less exposure to technological advancements.
- Students are weak in English communication.
- No alumni base.
- Insufficient number of books in the Departmental Library and Central Library.
- Lack of e-resources.

Opportunities:

- Provide various training for competitive examinations.
- Create general awareness about the role and utility of philosophy in our day to day life.
- Scope for self-employment.
- Sensitize the students about different job opportunities in medical ethics, business ethics, professional ethics, legal ethics, agriculture ethics etc. after proper training.

Challenges:

- To attract students to study philosophy in the present competitive era.
- Improving the skill of critical thinking and philosophizing.
- Employability concern.
- Improving the communicative skills of English as well as Philosophical Methodology.
- Emphasis on the interdisciplinary research with Philosophy as a subject.
- Inviting resource persons from various Research Study Centres.
- Establishing academic collaborations.

52. Future plans of the department

- Emphasis on State, National and International Seminars.
- Undertaking funded research projects.
- To strengthen research publications.
- To design interdisciplinary certificate courses.
- To make the Department as a Centre of Advanced Studies.

Annexure-I:

Publication of Dr. Jhadeswar Ghosh, Associate Professor in Philosophy, UGB

Books

1. Naturalized Semantics: A Critical Analysis of Quine's Philosophy, LAP LAMBERT Academic Publishing, Saarbrucken, Germany, ISBN: 978-3-659-33999-8, 2013.
2. Co-editor, Media Ethics in the Information Age, Sarat Book House Private Limited, Kolkata, ISBN: 9789384106027, 2014.

Articles in Journals and Proceedings

1. "Early Wittgenstein on Language", Proceedings of the 15th Annual Session of All Orissa Philosophy Association, 2003.
2. "Quine's Ontological Commitment", Proceedings of the 16th Annual Session of All Orissa Philosophy Association, 2004.
3. "Quine's Behaviourism", Proceedings of the 17th Annual Session of All Orissa Philosophy Association, 2005.
4. "Terrorism: Background and Morality", Proceeding of Society, Polity and Economy in India: Emerging Issues and Challenges" held at Mathabhanga College, Mathabhanga on 16th December 2005.
5. "The Role of Observation Sentence in Quine's Philosophy", Proceedings of the 18th Annual Session of All Orissa Philosophy Association, 2006.
6. "Wittgenstein Conception of Grammar", Musings on Philosophy: Perennial and Modern, edited by Manjulika Ghosh, Sundeep Prakashan, ISBN 81-7574-178-3, New Delhi, 2007.
7. "Meaning Holism: Quine versus Wittgenstein", Proceedings of the 19th Annual Session of All Orissa Philosophy Association, 2007.
8. "Translation and Meaning", Proceedings of the National Level Seminar on Hidden Dimension of Language and Communication: A brief study of Culture held at Meghasan College, Nudadiha, Mayurbhanj, Odisha, 2011.
9. "Philosophy of Language: A study on Ancient Grammarian and Recent Analytic

Thinkers” Sanskrit Shiksha Ki Chunautiyan: EkVimarsh, edited by Prasoon Dutta Singh, MekhlaPrakasan, ISBN 978-93-81415-46-7, New Delhi, 2013.

10. “Image and Essence of Media: An Ethical Appraisal”, Media Ethics in the Information Age, Sarat Book House Private Limited, Kolkata, ISBN: 9789384106027, 2014.
11. “Naturalistic Approach to Epistemology”, Philosophical Papers, Journal of Department of Philosophy, University of North Bengal, ISSN: 09764496, 2012.
12. “Quine’s Holistic Philosophy of Science”, Proceedings of International Conference on Modern Trends in Social and Basic Sciences, edited by S. Debnath, B. Bagchi & S. Mishra, Readers Service, Kolkata, ISBN 978-93-82623-51-9, 2015.
13. Globalization and Children: Ethical and Legal Issues, India in Globalized Era, edited by Jitendra Sahoo, New Academic Publishers, New Delhi, ISBN: 978-81-86772-83-6, 2015.

Chapters in Books

1. “Image and Essence of Media: An Ethical Appraisal”, Media Ethics in the Information Age, Sarat Book House Private Limited, Kolkata, ISBN: 9789384106027, 2014.

Publications of Dr. Purbayan Jha

Articles in Journals

1. "Language and Mental Representation: An Interdisciplinary Approach." Philosophical Papers -- Journal of the Department of Philosophy (University of North Bengal), Vol. IV (2007).
2. "Friendship and Love in the light of Plato's Phaedrus." Darshan-Manjari -- The Burdwan University Journal of Philosophy Vol. 9 (2010).
3. "Art and Music in Language-game: Private Language Problem Revisited." Philosophical Papers -- Journal of the Department of Philosophy (University of North Bengal), Vol. VIII (2011).
4. "Death, Temporality and Individuality: An Existential Outlook." Philosophical Papers -- Journal of the Department of Philosophy (University of North Bengal) Vol. X, Special Issue in Honour of Prof. Raghunath Ghosh (2014).

Articles in Edited Volumes

1. "Privacy: The Other Side of Language." In Language and Thought, edited by J.C. Basak & K. Joardar. New Delhi: Northern Book Centre, 2012.
2. The Struggle between Language, Culture and Civilization: A Tribute to Wittgenstein. "Language, Culture and Value." Edited by N.K. Roy K.L. Das. New Delhi: Northern Book Centre, 2012.

Physics Department

1. Name of the Department: Department of Physics
2. Year of establishment: 2011
3. Is the Department part of a School/Faculty of the university?
Yes, it is part of Faculty of Science.
4. Programmes Offered: M.Sc.
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual(CAS + MPS)
Professor	1	1	1
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Chancha Chaudhuri	M.Sc., Ph.D.	Professor	(i) Nuclear Physics (M.Sc.) Research: (ii) Chemical/Photochemical Dynamics by Crossed Molecular/Laser Beam using Synchrotron Radiation. (iii) Optical-Optical Double Resonance Spectroscopy of Sodium Dimer,	Teaching: 8 Research: 24	Nil.

			(iv)Laser Spectroscopy of Cold Atoms (Rubidium) Expt. Setup of BEC .		
Ankur Sensharma	M.Sc., Ph.D.	Assistant Professor	M. Sc.: Computational Physics Research: Condensed Matter Physics (low dimensional spin transport)	Teaching: 9 Research: 11	Nil
Subrata Sarkar	M.Sc.	Assistant Professor	M. Sc. : Electronics Research: Physics of Dusty Plasma (Theory)	Teaching: 4 Research: 6	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil.

13. Percentage of classes taken by temporary faculty (programme-wise information)

Programme	Percentage
M. Sc.	12

14. Programme-wise Student-Teacher Ratio

Sl. No.	Course	Ratio
10.	M.Sc.	27:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies

- (i) Experimental laser spectroscopy of cold rubidium atomic vapour Under Ramanujan Project, DST, India. (Experimental laboratory at the Dept. of Physics, University of Calcutta, Kolkata.)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

S.N.	Title of the Project	Funding Agency	Amount Rs. (in Lakhs)	Duration	Principal Investigator
1.	Bose-Einstein Condensation and Ultracold Atoms for Precision Measurements (Experimental setup is at the Dept. of Physics, University of Calcutta)	DST, New Delhi, India	5 lakh per Year	5 years in recurrence	Chanchal Chaudhuri
	Total grant received				

18. Inter-institutional collaborative projects and associated grants received: Nil.

(a) National Collaboration			(b) International Collaboration		
Name of the Project	Collaborative Institute	Grant Received	Name of the Project	Collaborative Institute	Grant Received in lakhs
1.Theoretical investigation of vortices of Bose-Einstein condensates	Prof. Krishna RaiDastidar (Retd.), IACS, Jadavpur, Kolkata.	Self Interest group Research Work			

2.Laser Spectroscopic Investigation of Rb-vapour.	Dept. of Physics, University of Calcutta, Dr. B Ray, Kolkata	UPE project scheme of UGC through the University of Calcutta (UPE scheme-Holistic Dev. Research in Sc. & Tech. 2.1 Laser Group)			
Total grant received					

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with

- State recognition: Nil.
- National recognition: Nil.
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications

- ❖ Number of papers published in peer reviewed journals (national / international): 45
- ❖ Monographs: Nil
- ❖ Chapters in Books: Nil.
- ❖ Edited Books: Nil
- ❖ Books with ISBN with details of publishers: Nil
- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil
- ❖ Citation Index – range / average: Nil
- ❖ SNIP: Nil.
- ❖ SJR: Nil.
- ❖ Impact Factor – range/ average: 1.6 – 4.1
- ❖ h-index: Nil

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in: Nil.

- ❖ National committees: Nil.
- ❖ International committees: Nil.

- ❖ Editorial Boards: Nil.
- ❖ Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.

28. Student projects

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 100%
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by

• **Faculty**

S. N.	Faculty	Awards and recognition
1.	Dr. Chanchal Chaudhuri Professor	National: <ul style="list-style-type: none"> • GATE- 1990 • Ramanujan Fellowship Award (DST, New Delhi) International: <ul style="list-style-type: none"> • Academia Sinica Fellowship-2000, Taiwan • Academia Sinica Fellowship -2002, Taiwan • NCKU-Project Distinguished Scholar Fellowship Award, Taiwan, 2007
2.	Subrata Sarkar	GATE 2009, CSIR JRF NET 2010
3.	Ankur Sensharma	GATE-2003, JRF(UGC)-NET 2004, JRF(CSIR)-NET 2005

- **Doctoral/ post doctoral fellows:** Nil
- **Students:** one NET-CSIR (Dulal Barman, M. Sc. 2nd Batch), one NET-LS (Sumit Das, M. Sc. 1st Batch) and one GATE (Anup Debnath, M. Sc. 2nd Batch) qualified.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

Seminars:

- (i) On 10.08.2012 titled
Discovery of A New Boson at the Large Hadron Collider (..... is it the elusive Higgs Boson?)
Speakers: Dr. S. Dutta and Dr. S. Sarkar, SINP, Kolkata, and involved in LHC, CERN.
Convener: Dr. Chanchal Chaudhuri
- (ii) One-day National Seminar on Current Trends in Computational Physics, on 17.05.2015.
Speakers: (a) Prof. Sitangshu Bikas Santra, IIT,Guwahati
(b) Prof. Jaydeb Chakranarti, SNBNCBS, Kolkata
(c) Prof Sudhansu Sekhar Mandal, IACS, Kolkata
(d) Dr. Mukdish Acharyya, Presidency University, Kolkata
Joint Conveners: Dr. Ankur Sensharma and Sri Subrata Sarkar
- (iii) Seminar Speaker: Dr. S. Dey, IACS, Jadavpur, Kolkata on 18.06.2015.
Joint Conveners: Dr. Chanchal Chaudhuri and Dr. Ankur Sensharma

31. Code of ethics for research followed by the department

- (i) Safety: Electric power, specially High Voltage and Laboratory equipments
- (ii) Visiting Faculties are requested to give an account of flavour of their research.

32. Student profile programme-wise

Name of the Programme	Applications received	Year	Selected		Pass percentage	
			Male	Female	Male	Female
M. Sc	112	2011-12	12	08	92	100
M. Sc	156	2012-13	14	06	100	100
M. Sc	288	2013-14	14	06	--	--
M. Sc	372	2014-15	30	10	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc.	65	30	05	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Remark
1.	No Civil Services and Defence Services		
	Nil		
2.	NET-JRF	CSIR	
	Dulal Barman, (2 nd . Batch, 2012 - 14)		
3.	NET -LS		
	Sumit Das (1 st . Batch, 2011 - 2013)	CSIR	
3.	GATE	IIT	
	Anup Debnath (2 nd . Batch, 2012 - 14)		

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	--
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01. Ph. D. Awarded: Ankur Sensharma was awarded Ph. D. (Science) from Jadavpur University on December 2013
38. Present details of departmental infrastructural facilities with regard to
- ❖ Library: 01
 - ❖ Internet facilities for staff and students: 24 Internet Ports
 - ❖ Total number of class rooms: 02
 - ❖ Class rooms with ICT facility: 02
 - ❖ Students' laboratories: 4 (General, Electronics, Optics, Computer)
 - ❖ Research laboratories: 3 (Project Research Labs)/ Ph. D. Work research Labs are in progress.
39. List of doctoral, post-doctoral students and Research Associates
- c) from the host Institution/University
 - List of Doctoral Students:** Nil
 - Research Associates:** Nil
 - d) from other Institutions/University: Nil
40. Number of post graduate students getting financial assistance from the university
- Two each year.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology
- Suggestions and comments are requested from the visiting faculties and seminar speakers.
42. Does the department obtain feedback from:
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Departmental teachers' meeting is conducted to discuss and analyse the feedback of home and visiting faculties to improve and reshape the teaching methodology for the betterment of the students.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes. From the direct discussion with the students in the classrooms after the end of every chapter of the syllabus and accordingly taken care of.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
During the revision of the syllabus the valued suggestions from the Alumni and employers are implemented to enrich the quality of the course.
43. List the distinguished alumni of the department (maximum 10): Nil.
44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts: Nil.
45. List the teaching methods adopted by the faculty for different programmes
- (i) Board work (ii) Digital Projector (iii) Realistic examples in supporting to realise the concept and for clarification of the topic and (iv) Use of web-materials.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

A regular basis feedback through open discussion with home faculties, visiting faculties and students. And also in turn the semester-wise result.

47. Highlight the participation of students and faculty in extension activities

- (i) Power saving and safety awareness
- (ii) NET searching for good and exciting topics related to scientific achievement for the application to the society.
- (iii) Awareness of Pollution-free and smoke-free zones for Astrophysical research.
- (iv) Sports.

48. Give details of “beyond syllabus scholarly activities” of the department:

- (i) Cultural Programme
- (ii) English Classes
- (iii) Social service awareness
- (iv) Awareness of sports and games
- (v) Future plan: Visit to Research Institutes and Industries.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Not yet.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

From (i) General Practical (i) Electronics Practical (iii) Computational Practical (iv) Optics Practical and (v) as per Project papers (in the Syllabus)- Plasma Physics/Computation Physics/Laser Spectroscopy – many basic and applied knowledge in different aspects in the field of Physics.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths

- Obedient and good mannered students with gradually rising quality.
- Steeply increasing no of application in PG admission since last four years
- Internet and (M.Sc. Practical) laboratory facility is more-or-less satisfactory
- Controller section is very cooperative in conducting/arranging examination related processes.

Weaknesses:

- Inadequate number of faculty
- No laboratory and non-teaching staff.
- Poor efficiency of the students in English language
- Poor knowledge of the student at basic B. Sc. level
- Hard to get consent of visiting faculties for teaching different topics of the syllabus

Opportunities:

- Good connection/collaboration with scientists of different universities and research institutes for the opportunities of the students for research after M.Sc.
- Opportunities of the students to interact with the visiting faculties from different universities and research institutes

- Progressing infrastructure of the M. Sc. practical laboratories
- Opportunity for pursuing Ph. D. and M. Phil from 2016 (M.Sc. started from 2011)

Challenges:

- To motivate and encourage the student to achieve NET/GATE/SLET fellowship for research or placement in different prestigious job positions.
- To put immense effort in extracting excellent quality of research output.
- To strengthen research collaboration at the national and international levels.
- To introduce computer-physics programme/course for the placement in the accelerator based and heavy particle collider based research centres.

52. Future plans of the department

- Introduce more special Paper in M. Sc.
- A few research laboratories (Computation Physics Centre, Plasma Diagnostic Centre, Cold Atom Physics Laboratory) according to expertise of the faculty members, provided funding is available.
- Smart Class room and more instrumentation facilities in the Laboratory.
- With fruitful efforts along with the full faculty strengths of the department to uplift the level of the education of the department to the level of excellence of higher education.

Appendix-1

List of Publications (Faculty Member-wise)

Publications of Sri SUBRATA SARKAR

1. Nonlinear low frequency wave propagation in electronegative dusty plasma: Effects of adiabatic and nonadiabatic charge variations.
Subrata Sarkar, Samiran Ghosh, Manoranjan Khan, and M. R. Gupta, Physics of Plasmas, 18, 093703 (2011).
2. Low-frequency wave modulations in an electronegative dusty plasma in the presence of charge variations.
Samiran Ghosh, Subrata Sarkar, Manoranjan Khan, and M.R. Gupta, Physical Review E, 84, 066401 (2011)

Publications

Dr. Ankur Sensharma

1. Inhomogeneous longitudinal electric field-induced anomalous Hall conductivity in a ferromagnetic two-dimensional electron gas. Posted to : arXiv:1206.5598

Ankur Sensharma and Sudhansu S Mandal, *Physical Review B*, **86**, 165305 (2012).

2. Frequency and transverse wave-vector-dependent spin Hall conductivity in two-dimensional electron gas with disorder. Posted to : arXiv:cond-mat/0702487, Sudhansu S Mandal and **Ankur Sensharma**, *Physical Review B*, **78**, 205313 (2008).
3. Spin-spin Hall effect in two dimensional electron systems with spin-orbit interaction. Posted to : arXiv:cond-mat/0509678, **Ankur Sensharma** and Sudhansu S Mandal, *Journal of Physics: Condensed Matter*, **18**, 7349 (2006).

Dr. Chanchal Chaudhuri

1. A complete look at the multi-dissociation channels of propenal photoexcited at 193 nm: branching ratios and distributions of kinetic energy, C. Chaudhuri and S. H. Lee, - *Phys. Chem. Chem. Phys.*, **13**, 7312 (2011).
2. Molecular-beam experiments for photodissociation of propenal at 157 nm and quantum-chemical calculations for migration and elimination of hydrogen atoms in systems C₃H₄O and C₃H₃O, C. -H. Chin, Chanchal Chaudhuri, and S. -H Lee, - *J. Chem. Phys.*, **135**, 044301 (2011)
3. Evidence for Synchronous Concerted Three-Body Dissociation of Propenal to C₂H₂+CO+H₂, S. -H. Lee, C. -H. Chin and C. Chaudhuri, *ChemPhysChem*, **12**, 753 (2011): *Communication*.
4. Non-linear resonances caused by coherent, optical pumping and saturating effects in presence of three laser fields for 85Rb-D2 transition, *M M Hossain, S Mitra, P Poddar, C Chaudhuri, B Ray and P N Ghosh*, - *J. Physics B, At. Mol. and Opt.*, **44**, 115501 (2011).
5. Standing wave pump field induced coherent non-linear resonances in rubidium vapour, *S. Mitra, M. Hossain, C. Chaudhuri, B. Roy and PN Ghosh* - *Chem. Phys. Letts.*, **513**, 173 (2011).
6. Investigation of quantum coherence effects in a multilevel atom induced by three laser fields *Eur. Phys. J. D*, **Vol. 69**, 43, 2015, S. Dey, N. Aich, C. Chaudhuri and B. Ray
7. A study of the repumping laser and external magnetic field effect on coherent absorption resonance in alkali vapour, -- *Chem. Phys. Lett.*, **Vol. 627**, 107-115, 2015, S. Dey, N. Aich, S. Mitra, C. Chaudhuri, P. N. Ghosh and B. Ray
8. Nonlinear coherent absorption resonance in optically thick medium *Advanced Science Letters* --- S. Dey, N. Aich, C. Chaudhuri and B. Ray- **Accepted for Publication in the Conference Proceedings (2015)**

*** Present Experimental Setup of Cold/Ultracold Rb-atoms is in progress in the Dept. of Physics, Univ. of Calcutta, Kolkata, under the Ramanujan Fellowship Project as Principal Investigator. The basic setup of cold/ultracold atoms has been done and the signature of the 3D-MOT of Rb atomic vapour has been observed and reported to DST.*

9. **Published Booklet: Profile of Ramanujan Fellows, Meeting in Pune, May, 2012.**
Page no.13

Important Conference/Symposium Attended & Presented Poster/Talk

1. International conference on electronic structure and dynamics of molecules (Feb, 17 - 20, 2014), IACS, Kolkata.
2. **“International Conference on Electronic Structure and Dynamics of Molecules and Clusters”** IACS, Kolkata, Feb 17 - 20, 2013.

Ph. D. Students and Manpower Trained

- Miss Saswati Dey has joined for her Ph. D. Thesis work under my supervision (as a *Joint Supervisor*) and Dr. B. Ray, Reader, Dept. of Phys. C.U. (as *Principal Supervisor*). Ph. D. Registration in the University of Calcutta, Kolkata, in 08.12, 2011.
- Miss Sreoshi Dutta has joined for her Ph. D. Thesis work (theory) under the supervision of Dr Chanchal Chauduri (*Principal Supervisor*) and Dr. K. Rai Dastidar, Professor, IACS, (Retd.) Kolkata, (*Joint Supervisor*). Registration to done shortly
- Mr. Mabud Hossain and Mrs. Soma Mitra, Ph. D. students of Dr. B. Ray, shared their time to work to learn the cold/ultracold atom experiment under my Ramanujan project.

-
- Ph. D. Supervisor: Professor T. K. Rai Dastidar (Late), Dept. of Mats. Sc., IACS, Kolkata -32
 - Post Doctoral Supervisor: Professor Yuan. T. Lee, Nobel Laureate President of Academia Sinica. Taiwan (Retired)
 - Host Faculty under Distinguished Scholar Fellowship: Professor Chin -Chun Tsai Department of Physics National Cheng Kung University, Taiwan

Political Science Department

1. Name of the Department: Department of Political Science
2. Year of establishment: 2011
3. Is the Department part of a School/Faculty of the university? Yes, it is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Badal Sarkar	M.A., Ph. D	Assistant Professor	Public Administration	11	Nil
Sri Siddhartha Sankar Manna	M.A., M. Phil	Assistant Professor	Development Studies	04	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil
13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.
14. Programme-wise Student-Teacher Ratio

Course	Ratio
M.A.	100:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with

- State recognition: Nil.
- National recognition: Nil.
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications:

- ❖ Number of papers published in peer reviewed journals (national / international): 18
- ❖ Monographs: Nil.
- ❖ Chapters in Books: 05
- ❖ Edited Books: Nil.
- ❖ Books with ISBN with details of publishers: 01
- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: Nil.
- ❖ SNIP: Nil.
- ❖ SJR: Nil.
- ❖ Impact Factor – range/ average: Nil.
- ❖ h-index: Nil.

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in

- ❖ National committees: Nil.
- ❖ International committees: Nil.
- ❖ Editorial Boards: Nil.
- ❖ Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.

28. Student projects

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by

- Faculty: NIL.
- Doctoral / post doctoral fellows: NIL.
- Students: NIL.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

31. Code of ethics for research followed by the department

Ph. D Course work started for the academic session in accordance with UGC research guidance of 2009. No service holder researcher scholar is allowed to participate in regular Ph. D course work classes without prior permission of appointing authority.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	75	2012-13	40	24	100%	100%
M.A.	201	2013-14	48	27	--	--
M.A.	196	2014-15	53	22	--	--
M.A.	226	2015-16	65	35	--	--
M. Phil	45	2015-16	06	04	--	--
Ph. D	40	2015-16	03	00	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A.	75%	25%	--	--

M. Phil	33.4%	66.6%	--	--
Ph. D	60%	40%	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	15
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to

- ❖ Library: Nil.
- ❖ Internet facilities for staff and students: Nil.
- ❖ Total number of class rooms: 02
- ❖ Class rooms with ICT facility: Nil
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates: Nil.

a) From the host Institution/University

List of Doctoral Students:

Research Associates: Nil.

b) From other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university: Nil.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Nil.

42. Does the department obtain feedback from:

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, there is a provision from student feedback about faculty and departmental infrastructure.

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, curriculum updated and improves as per feedback from student.

- Alumni and employers on the programmes offered and how does the department utilize the feedback? Nil.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Special Lectures are conducted by the department to enrich knowledge of the students by eminent Professors and eminent personalities.

- Professor Md Yasin. North Bengal University.
- Professor Tarun Kumar Banerjee, Vidyasagar University.
- Professor Asok kumar Mukherjee, Calcutta University.
- Professor Goutam Kumar Basu, Jadavpur University.
- Professor Rabindranath Bhattacharyya, Burdwan University.

45. List the teaching methods adopted by the faculty for different programmes
Lecture method.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through getting regular communicate with the students in the department.

47. Highlight the participation of students and faculty in extension activities
Participation in social awareness programmes.

48. Give details of “beyond syllabus scholarly activities” of the department
Seminar presentation, Article review, Book review.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
Conducting special lecture in Conference room.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

- Strengths: during last three years a huge number of students have appointed in several services. Students are doing M.Phil and Ph.D course work.
- Opportunities: good infrastructure, internet system.
- Weaknesses: inadequate teaching and non – teaching staff, deficiency in English language of the students.

52. Future plans of the department

- To establish departmental library.
- To publish journals from the department.
- To organise international seminars, workshop, symposium.
- To set up smart class room.
- To provide remedial classes.
- Special training to get into the services.

Appendix – I

Research and Academic Contributions

S. N.	Title with page No.	Journal	ISSN/IS BN No.	Whether peer reviewed. Impact Factor, if any	No. of co-author	Whether you are the main author
1.	Dr. Ambedkar: Towards Society , p.13-16	Gour Mahavidyalaya Journal, print Journal, volume:1 Issue:1	978-81-9200-5	N.A.	N.A.	Only Author
2.	Dr. B.R. Ambedkar: Towards Society”, p.1-12	International Journal of Social Science Tomorrow, E-Journal, E-journal ,Vol.2 No.6	2227-6168	International Reviewed Referred Registered	N.A	Only Author
3.	Dr. B.R. Ambedkar’s State Socialism, p.38-41	International Research Journal of Social Sciences, E-Journal, Vol 2(8)	2319-3565	International Reviewed Referred Registered	N.A	Only Author
4.	Dr. B.R. Ambedkar and Social Justice, p.42-43	Research Analysis And Evaluation, print Journal, Vol.IV, Issue-45	2320-5482	International Reviewed Referred registered	N.A	Only Author
5.	Contributions of Dr. B.R. Ambedkar Towards an Egalitarian India, p.137-144	Indian Journal of Social and Natural Sciences, print Journal, Vol.1, Issue :2	2277-6117	Peer Reviewed Referred journal	N.A	Only Author
6.	Dr. B.R. Ambedkar: And Indian Constitution, p. 2	Shodh Samiksha Aur Mulyankan, Print Journal, Vol.V, Issue-54	0974-2832	International Refereed Registered Research Journal	N.A	Only author
7.	Dr. B.R. Ambedkar: Origin of Untouchable and Who Were Shudras, p.9-10	Paripex-Indian Journal of Research ,print Journal, Vol.2,Issue:10	250-1991	Peer Reviewed &Referred International Journal	N.A	Only author
8.	India’s Foreign Policy Under the Prime Minister ship of Dr.Manmohan Singh, p.81-82	International Journal of Scientific Research, Print Journal, vol:2, Issue:12	277-8179	Peer Reviewed & Referred International	N.A	Only author
9.	Rural Development Programmes	Global Journal for	2277-8160	Peer Reviewed	N.A	Only author

	In India: A study in the context of Five Year Plans, p.37-39	Research Analysis Print journal, Vol:3, Issue: 1		& Referred international Journal		
10.	Constitutional Provisions for Tribal Development in India, p.208-282	Paripex- Indian Journal of Research , print Journal	2250-1991	Peer Reviewed & Referred International Journal	N.A	Only author
11.	The First Law Minister's Hindu Code Bill and Empowerment of Indian Women, p.1-2	Global Journal for Research Analysis , print journal	2277-8160	Peer Reviewed & Referred International Journal	N.A	Only author
12.	India's role in SAARC under the Prime Minister ship of Dr. Manmohan Singh, p.44-45	Indian Journal of Applied Research Volume 4, Issue 3 print journal	2249-555X	Peer Reviewed and Referred Journal	N.A	Only author
13.	Implementation of the Right of Children and Compulsory Education Act, 2009, Vol.3 issue3, p.49-50	International Journal of Scientific Research Volume, 3, Issue 3 print journal	2277-8179	Peer Reviewed and Referred international journal	author N.A	Only author
14.	Egalitarian Measure in Indian Hierarchical Structure, vol.3 Issue 3 ,p.47-48,	International Journal of scientific Research, volume: 3, Issue :3 , print Journal	2277-8179	Peer Reviewed and Referred international journal	auth N.A	Only author
15.	Anti-Caste Movement in India: A Normative Study, Vol.4 issue3, p.16-17. Indian's Role in ASEAN under the Prime Ministership of Dr. Manmohan Singh, p.71-79, 2014.	Indian Journal of Applied Research Volume 4, Issue 3 print journal	2249-555X	Peer Reviewed and Referred Journal	N.A	Only author
16.		International Journal of Multidisciplinary Educational Research, Vol.3, Issue 5(1), impact Factor: 2.735	2277-7881	Indexed and peer Reviewed with impact factor 2.735	N.A	Only author
17.	A Separatist Movement in North Bengal, Vol. XII, No.2, p.85-87, 2009.	The West Bengal Political Science Review	Reg.No. S/80510 of -96	N.A	N.A	Only author
18.	India's Role in UNO: An Analytical Study, P.68-76	International Journal of Multidisciplinary Research, Vol.3,	2277-7881	Indexed and Peer Reviewed	N.A	Only author

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		Issue 6(2), Impact Factor 2.735		with impact Factor 2.735		
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Articles / Chapters published in Books

S. N.	Title with page Nos.	Book Title, editor & publisher	ISSN/ISBN No (Or, Renowned publishers) See Cat 1-4 as above for scores	Whether peer reviewed	No. of Co author	Whether you are the main author
1.	Narendra Damodardas Modi and Empowerment of Women in India, P 347-352, 2015.	Women in Contemporary India: Aspect of Participation and Empowerment, Debnarayan Modak & Yasin Khan Education Forum, Kolkata.	978-93-82600- 12-1	N.A	N.A	Only author
2.	Narendra Damodardas Modi Making the Modern India, P. 25-38, 2015.	India in Globalised Era, Jitendra Sahoo, New Academic Publishers, New Delhi.	978-81-86772- 83-6	N.A	N.A	Only author
3.	Reservation as an Egalitarian Measure: A Normative Study, P.61-68, 2014	Reservation: An Engine of Development, Subrata Das, SOPAN, Kolkata.	978-93- 82433-42-2	N.A	N.A	Only author
4.	Narir KhamatayaneAmbed karer Abhadan	Samakalin Bhabanay Nari	978-93- 82600-16-9	N.A.	N.A.	Only author

Books Published as single author

S. N.	Title with page no.	Type of Book & Authorship	Publisher ISSN/ISBN No. (I. International II. National III. Regional)	Whether peer reviewed	No. of co authors	Whether you are the main author
1.	Ambedkar's Vision of Jus Society, p.	Reference Books	Reader Services ISBN: National	N.A	N.A	Sole author

Training Courses, Teaching-Learning -Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

S. N.	Programme	Duration	Organized by
1.	O.P.(U.G.C)	19.11.2007-17.12.2007	ASC-Jadavpur University
2.	R.C(U.G.C)	05.01.2009-28.01.2009	ASC-Jadavpur University
	R.C(UGC)	02.06.2015-22.06.2015	ASC, HRDC, Burdwan University

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Papers presented in Conferences, Seminars, Workshops, Symposia

S. N.	Title of the paper presented	Title of Conference / Seminar	Organized by	Whether International /National/State /Regional/College or University level
1.	Dr. Ambedkar and Annihilation of Caste	Social Inequality and Dalits In India: The changing Scenario, date 7-8 Nov.2018	Malda Women College, Department of Political Science	UGC Sponsored National Seminar
2.	Constitutional Provisions for Tribal Development	Tribal Education In India: Emerging Issues, Challenges & Strategies In Socio- Cultural Perspectives, 25 th & 26 th March 2013	Malda Women's College, Department of Education	UGC Sponsored National Seminar
3.	Right to Education as Fundamental Right	Right to Education & Its Proper Implementation: Problems and Way-out for Better Future, 22-23 Nov. 2013	Kaliachak College, Malda, Department of Education	UGC Sponsored National Seminar
4.	Reservation as an Egalitarian Measure: A Normative Study	Reservation as a measure Of Social Development of India : In the context of Market Economy, 20-21 December 2013	Kaliachak College, Department of Economics	UGC Sponsored National Seminar
5.	Demand for Kamatapuri Study in the Context of Co-Operative Societies in Behar District	Regionalism and Nation-Building in India, held on 7 th August 2008	Gour Mahavidyalaya, Organized by the Department of Political Science	UGC sponsored State Level Seminar
6.	The Universal Declaration of Human Rights	Human Rights in India: Problems and Prospects, 16 th & 17 th March 2012	Kaliaganj College, Organized by the Department of Political Science	UGC Sponsored National Level Seminar
7.	Rural Development through Integrated Planning and Implementation at the Panchayat Level	Issues on Rural Livelihood in India, 8 th & 9 th September, 2012	Gour Mahavidyalaya, Organized by Department of Geography	UGC Sponsored National Seminar
8.	Role of NGOs in Rural Development	Decentralized Development and Rural Governance in India: Challenges and Opportunities, held on 6-7 December 2013	Union Christain Training College(Govt.Aided), Belda Paschim Medenipur Department of Political Science	UGC Sponsored National Seminar
9.	Role of Civil Society against Political Corruption: Indian Experience	Civil Society and State: The India Experience, held on 01-02-2014 A Critical Assessment	Department of History, Vivekananda College in collaboration with Alipurduar College	UGC sponsored State Level Seminar

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10.	Thakur Panchanan Barma emotion of Rajbanshi Society	of the Kshatriyanization Movement of the Rajbanshi Society and the Role of Panchanan Barma, 24 th and 25 th March		UGC Sponsored National Seminar
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Appendix - II

Articles / Chapters published in Books

S.N.	Title with page Nos.	Book Title, editor & publisher	ISSN/ISBN No. (Or Renowned publishers) See Cat 1-4 above for scores	Whether peer reviewed	No. of Co-author	Whether you are the main author
1.	“Quality Enhancement in Higher Education and Human Resource Development”	“The Role of IQAC on Quality Enhancement and Quality Sustenance in Higher Education”(ed) Dr. P.K. Chakraborty, Amritalok Sahitya Parisad, Kolkata.	81-86365-50-9	NA	NA	Only author

Papers presented in Conferences, Seminars, Workshops, Symposia

S. N.	Title of the paper presented	Title of Conference / Seminar	Organized by	Whether International /National/State/ Regional/College or University level
1.	“Indo – Japan Relation in the Wake of Emergence of China”	International Conference Transformation into Potential Partnership on 7 – 9 December 2012.	Centre for South East Asian & Pacific Studies Venkateswara University.	International Conference.
2.	“India’s Role in BRICS: Challenges and Prospects”	INDIA: AN EMERGING GLOBAL POWER	Department of Political Science With Rural Administration	UGC Sponsored National Seminar

Sanskrit Department

1. Name of the Department: Department of Sanskrit
2. Year of establishment: 2008
3. Is the Department part of a School/Faculty of the university? Yes, it is a part of the Faculty of Arts and Commerce.
4. Programmes Offered: M.A., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil.
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	1 (CAS)
Associate Professor	2	2	1
Assistant Professor	4	3+1(On Lien)	3
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Ajit Kumar Mondal	M.A., B.Ed., B.Lis.,Kavya-Vyakarana-Puranacharya, Ph.D	Professor	Veda	21(College)+6(University)	7 (Seven) Ph.D. & 3(Three) M.Phil.
Dr. Chandan Bhattacharyya	M.A., Navya vyakarana Sastri, Navya-Nyayacharya, Ph. D	Associate Professor	Darshan	7 (College) + 06 (University)	3(Three) Ph.D & 2 (Two) M.Phil.
Sri Mrinal Chandra Das	M.A.	Assistant Professor	Veda	6	2 (M. Phil)

Dr. Subhrajit Sen	M.A., Ph.D	Assistant Professor	Kavya	Newly appointed	On probation
Husna Parvin	M.A., M. Phil	Assistant Professor	Kavya	Newly appointed	On probation

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

1. Dr. Manabendu Bandyopadhyay (President of Asiatic Society & Sanskrit Sahitya Parisad)
2. Prof. Gopalchandra Misra (Prof. & Ex-H.O.D., R.B.U.)
3. Dr. Mrinal Kanti Ganguly(Asutosh Prof., C.U.)
4. Dr. Amiya Kumar Bhattacharya (Prof., Dept. Of Sanskrit, Burdwan University)
5. Dr. Dipak Bhattacharya(Retd. Prof., Dept. Of Sanskrit, Bisva-Bharati)
6. Prof. Subuddhicharan Goswami(Ex-Prof., Dept. Of Sanskrit, Rabindra-bharati University)
7. Dr. Biswanath Mukherjee (Ex-Prof., Dept. Of Sanskrit, Burdwan University)
8. Dr. Taraknath Adhikari(Prof., Dept. of Sanskrit, Rabindra-bharati)
9. Dr. Parbati Chakraborty(H.O.D., Sanskrit, Rabindra-bharati)
10. Dr. Arun Mondal, (Prof. in Sanskrit, Bisva-bharati)
11. Prof. Narottam Senapati (Dept. Of Sanskrit, Bisva-Bharati)
12. Prof. Satyajit Layek (Prof. & Ex-H.O.D., Calcutta University)
13. Prof. Sanghamitra Sengupta (Retd. Prof., Calcutta University)
14. Dr. Sujata Purokayastha(Prof., Dept. of Sanskrit, Guahati University)
15. Prof. Sarbani Ganguly, (Ex-H.O.D., Sanskrit, J.U.)
16. Prof. Partha Pratim Das(H.O.D., Burdwan University)
17. Prof. Gobinda Chandra Kar (H.O.D. & Ex-Dean, S.J.S.V, Puri)

13. Percentage of classes taken by temporary faculty (programme-wise information)

Programme	Year	Percentage
M.A.	2011-12	8.95
	2012-13	23.52
	2013-14	43.48
	2014-15	18.62

14. Programme-wise Student-Teacher Ratio:

Programme	Year	Ratio
M.A.	2011-12	16:01
	2012-13	23:01
	2013-14	23:01
	2014-15	28:01
M.Phil	2015-16	1.5:01
Ph.D.	2014-15	02:01
	2015-16	2.5:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies: Nil.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.
18. Inter-institutional collaborative projects and associated grants received: Nil.
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
20. Research facility / centre with:
- State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications: For Details see Annexure I.
- ❖ Number of papers published in peer reviewed journals (national / international): 14
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: 04
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: 10.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: Nil.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Dr.Chandan Bhattacharyya: Indian Institute of Advanced Study, Shimla.
26. Faculty serving in:
- a) National committees: Nil.
 - b) International committees: Nil.
 - c) Editorial Boards:

- Dr. Ajit Kumar Mondol : 1. Wesleyen Journal of Research, B.C.C.,
2. Departmental Seminar Papers
- Dr.Chandan Bhattacharyya: Departmental Seminar Papers
- Dr. Subhrajit Sen : Sahityajijnasa (Edited Book)

d) Any other (please specify): Nil.

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.

28. Student projects:

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.

29. Awards/ recognitions received at the national and international level by

- Faculty:

S. N.	Faculty	Awards and recognition
1.	Dr. Ajit Kumar Mondal	<ul style="list-style-type: none"> • Bharatjyoti Award(international) • Bibhutibhusan Smriti Prize, 2014
2.	Dr. Mrinal Ch. Das	<ul style="list-style-type: none"> • Dr. Dweependranath Bose Gold Medal • Hawkins Gold Medal • MacfareLane prize • Edward Prize
3.	Dr. Subhrajit Sen	Dr. R.N.Aralikatti Prize
4.	Dr. Chandan Bhattacharyya	<ul style="list-style-type: none"> • WBCSC, State fellowship, 2004. • Silver medal from Vidyasagar University for the 2nd position in Honours, 1999. • R. L. Moitra Scholarship from Calcutta University for the highest Marks scoring in group Paper in M.A., 2001. • Silver Medal from S.D.O.S.S. Samsad for 1st position, 2001.

- Doctoral / post doctoral fellows: NIL.
- Students: NIL.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

- One day National Seminar on **Contribution of Sanskrit in Medical Science** on 5th August, 2010
- One day National Seminar on **Karmavada in Indian thought** on 16th December,2011

- One day National Seminar on **Re-appraisal in the different Branches in Sanskritic Wisdom** on 19th September.

31. Code of ethics for research followed by the department

- Presentation of at least two research papers in the department during the research.
- One Dissertation/Research project during the Ph.D. course work.
- Involvement in editing of the departmental journal and wall magazine ANWESA.
- Not to plagiarize; that is, to present portions of another's research or data as our own, even if the other work or data source is cited occasionally
- Be transparent in the use and disbursement of resources for our research.
- Respect the confidentiality of sources by not using or releasing data and information revealed to us in confidence.
- As a department, we seek to preserve, extend, and communicate truth. The importance of honesty and credibility cannot therefore be overemphasized in the conduct of research. Our practice as researchers should advance the knowledge, mission, and values of our culture and heritage.

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	255	2011-12	25	39	100%	100%
M.A.	280	2012-13	38	32	100%	100%
M.A.	267	2013-14	24	47	--	--
M.A.	268	2014-15	28	58	--	--
M. Phil	--	2015-16	05	03	--	--
Ph. D	--	2015-16	--	--	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A.	90	10	--	--
M. Phil	63	37	--	--
Ph. D	30	70	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Remark
1.	Mr. Prasenjit Das	NET	LS
2.	Mr. Amit Das	NET	LS
3.	Mr. Kanai Das	NET	LS
4.	Subhashree Das	NET	LS
5.	Mr. Prabhakar Saha	NET	LS
6.	Mr. Jayanta Sil	NET	LS
7.	Mr. Somenath Das	NET	LS
8.	Mr. Amit Sahoo	NET	LS
NET December 2013			
	Mr. Amit Sahoo	NET	LS
SET-2014			
	Prosenjit Das		

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		5.33
P.G. to Ph. D		4
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	20
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil.

38. Present details of departmental infrastructural facilities with regard to:

- ❖ Library: Nil.
- ❖ Internet facilities for staff and students: Only for staff.
- ❖ Total number of class rooms: 05
- ❖ Class rooms with ICT facility: Nil
- ❖ Students' laboratories: Nil
- ❖ Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates: Nil.

a) from the host Institution/University

List of Doctoral Students:

Sl. No.	Name	Supervisor	Year
1.	Santigopal Das	Dr. Chandan Bhattacharyya	2014
2.	Manju Dutta	Do & Co-Guide of Dr. A.K. Mondal	2014
3.	Dipankar Karmakar	Do	2014
4.	Anup Kumar Roy	Dr. Ajit Kumar Mondal	2014
5.	Tina Mondal	Do	2014
6.	Begam Fatema Johora	Do	2014

Research Associates: Nil.

b) from other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university:

Nil.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

Yes, Suggestions from internal and external experts are taken into consideration for framing the syllabus. Comments and views of the eminent experts from different Universities and Colleges are also taken into consideration for professional features of syllabus.

42. Does the department obtain feedback from:

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Faculty is invited to share their feedback on syllabus on regular basis in Board of Study (BOS) and Staff council. Proper updating and modification in syllabus are made in accordance with the comments and suggestions.

- Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, Curriculum as well as teaching methodology are updated and improved as per feedback from the students. The feedback from students are analyzed and given to IQAC. In the IQAC are shared and necessary steps were taken by the respective staff.

- Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, the feedback on syllabus from Alumni and employers are always taken into special consideration.

43. List the distinguished alumni of the department (maximum 10): Nothing as such.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

- One day National Seminar on **Contribution of Sanskrit in Medical Science** on 5th August, 2010
- One day National Seminar on **Karmavada in Indian thought** on 16th December, 2011
- One day National Seminar on **Re-appraisal in the different Branches in Sanskritic Wisdom** on 19th September.

Following distinguished academicians have visited in the dept. of Sanskrit to deliver lectures:

- Dr. Manabendu Bandyopadhyay (President of Asiatic Society & Sanskrit Sahitya Parisad)
- Dr. Mrinal Kanti Ganguly (Asutosh Prof., C.U.)
- Dr. Amiya Kumar Bhattacharya (Prof., Dept. Of Sanskrit, Burdwan University)
- Dr. Dipak Bhattacharya (Retd. Prof., Dept. Of Sanskrit, Visva-Bharati)
- Prof. Subudhicharan Goswami (Ex-Prof., Dept. Of Sanskrit, Rabindra-Bharati University)
- Dr. Biswanath Mukherjee (Ex-Prof., Dept. Of Sanskrit, Burdwan University)
- Dr. Taraknath Adhikari (Prof., Dept. of Sanskrit, Rabindra Bharati)
- Dr. Parbati Chakraborty (H.O.D., Sanskrit, Rabindra Bharati)
- Dr. Arun Mondal, (Prof. in Sanskrit, Visva-Bharati)
- Prof. Narattam Senapati (Visva-Bharati)
- Prof. Satyajit Layek (Prof. & Ex-H.O.D., Calcutta University)
- Prof. Sanghamitra Sengupta (Retd. Prof., Calcutta University)

45. List the teaching methods adopted by the faculty for different programmes

- Audio-visual teaching method
- Yearly educational visit in the different part of India
- Applied teaching aids (such as maps and speech mechanism tools for linguistic study, sample instruments for teaching sacrificial matters, films for better understand kavya related studies etc.)

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through getting regular feedbacks from employers, experts and other eminent Academicians including students also.

47. Highlight the participation of students and faculty in extension activities

- National Seminar in home and other universities within the state and abroad.
- Educational Tour in every Year also.

- Participation in various courses i.e. refresher, orientation, summer school, Workshop, study week in different universities and institutions in India.
- Participation in N.S.S. Program
- Invited resource person and also chair person in various institutions for delivering lectures.

48. Give details of “beyond syllabus scholarly activities” of the department

- Short Education Tour in the different part in India i.e. Banaras, Allahabad, Ajanta and Ellora, Sikim and Hazarduari (Mursidabad, W.B.)
- Special coaching for WBCS, NET, SET, SSC and other competitive examinations
- Lecture series by eminent and experienced Scholars and academicians
- Cultural and Sports Programs
- Spoken Sanskrit classes

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- The Dept. Of Sanskrit is going to publish a collection of Seminar papers.
- The Department of Sanskrit has shown a good leadership not only in the specific field of study but also in its capacity to develop their students in various aspects of their academic life.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Good students’ performance: During last three years considerable number of students have cleared various competitive exam. such as NET, SET, SSC etc.
- Student -Teacher relationship is the key of our department.
- Increasing number of students in appearing various competitive examinations.
- Good Research output in the different national journal.
- Student’s Spontaneous involvement in N.S.S. is our strength.
- Significant increase in the number of research scholars in M.Phil. and Ph.D.

Weaknesses:

- Inadequate number of teaching and non-teaching staff.
- Poor communicative skills in English and also Sanskrit of our students
- Lack of good books in the departmental library
- Inadequate number of class-room and study-room
- Lack of ICT facility in the department and internet facility for especially for students.
- Lack of major funding agencies due to it’s an up growing university.

Opportunities:

- Good infrastructure enhances opportunities for expansion of research activities and increasing our knowledge about ancient Indian culture among our students.
- Greater opportunities for courses in good collaboration with other Universities in India or abroad in research.
- Great chances in Interdisciplinary Programs and departmental innovation.

- Increased exposure of students to knowledge world in ancient Indian culture, heritage and civilization.

52. Future plans of the department

- Introduce different courses related to Sanskrit like Manuscriptology, Epigraphy, Spoken Sanskrit, Computational Sanskrit, Modern Sanskrit study, Inter-relation between Sanskrit and other Indian languages, Religion and Indian heritage, Functional Sanskrit, Navyanyaya: Language and Methodology, some short of course on text study for promoting Traditional Sanskrit etc.
- Collaboration with other Universities(i.e. JNU, BHU, J.U., Delhi University, Rastriya Sanskrita Samsthan, Sagar University) Foreign institutions (Harvard, Oxford, Pennsylvania and few universities in Germany) and libraries like Bhandarkar Oriental Research Institute, Sanskrit Sahitya Parisad, Asiatic Society) in research sector.
- Become Host University for All Indian Oriental Conference(AIOC)
- Introduce E-Book facilities for students.
- Host University for faculty recharging strategies like ASC, Refresher, Orientation Programs, Workshops on the different Branches of Sanskritic Wisdom.
- Gather major funds for research.
- Publish Tri-lingual Yearly Departmental Journal with Peer-reviewed and ISSN
- Organise yearly at least one International and National Seminar.
- Offer extra two specializations (Grammar & Indian Philosophy) to the students

Appendix-1

Publication

- **Dr. Ajit Kumar Mondal**

C. List of papers published in Peer-reviewed Journals:

S.N.	Title with page number	Journal Name	ISBN/ISSN No	Whether peer-reviewed/Impact
1	Human Rights & Violation in the light of Ancient lit. p.54-56	Wesleyan journal of Research. Vol.1,2008		Peer Reviewed
2	Adhunik Vaidic Mantranang Prasangikata, p.93-100	Wesleyan journal of Research ,Vol.2,2009		Peer Reviewed
3	Dharma Kathanam, p. 7-9	Satyanandam, Ja davpur, Kolkata	44201/88	Peer Reviewed
4	Ka Sakti Mahamaya, p. 6-8	Satyanandam, Ja davpur Kolkata	44201/88	Peer Reviewed

E. Chapter in Books:

S.N.	Art/Chapter Title with numbers	Book title, Editor & Publisher	ISBN/ISSN	Whether peer-reviewed
1	Sanskrita Sahitye Jatiyatabad, p.150-152	National Sanskrit Seminar, B.U.		Yes
2	Vivekananda:Yoge p.62-68	Philosophy of Swami Vivekananda, Panchmura College,Bankura	978-81-923-685-3-5	Nil
3	Bangla Nataka Jatiya Chetana,p108-111	Bangla Sahitye Jatiya Chetana,S.Bala,Kalia-chak College,Malda W B	978-93-81-745-10-3	Nil
4	JatiyaChetana: Vivekananda, p 118-125	Relevance of Swami Vivekananda in the Global Situation	978-81 -92	Nil
5	Vivekananda:Jatiya Chinta,p.46-69	Vivekanandaer Bikshane JatiyaSamhati,Panchmura College, Bankura	978-93-80-761-26-8	Nil
6	Yuvashakti : Yuvanayak Vivekananda	Yuvanayak Vivekananda	978-81-923685-4-2	Nil

F. Books with ISSN number and details of Publishers:

S.N.	Title with page number	Type of Book/ and Authorship	Publisher & ISBN/ISSN/ Categorization
1	Eki Mudrar dui Pitha P.1 to 287	Reference Book Authored by myself	Amitaranjan Sankaribala Veda Vidya Mandir ISBN
2	Sanskrita Pathamala Bichitra. P.1 to 340	Text Book Authored by myself	Sanskrit Book Depo., ISBN 928-93-81795-98-9
3	Mundokoponisad. Page 01- 66	Text Book Authored by myself	Oriental Book Depo. ISBN 978-81-9230-7100-4
4	Sanskrita Sahityer Sarangsa P.1 to 544	Text Book Authored by myself	Pandulipi, ISBN 978-81-922-449-6-9
5	Brahma O Shaktir Abhinnatva Samiksha . P. 1 to 284	Reference Book Authored by myself	Amitaranjan Sankaribala Veda Vidya Mandir, ISBN
6	Gouna Upanishad Shamiksha	Reference Book Authored by myself	Pandulipi, ISBN 978-81-922-449-6-9
7	Vartamane Veda	Reference Book	Pandulipi, ISBN 978-81-922-449-7-6
8	Brahma O Shakti	Reference Book Authored by myself	University of Burdwan

Dr. Chandan Bhattacharyya

National/indexed journals	: 02
Accepted	: 03
Book with ISBN	: 02
Book	: 01

List of papers published in Peer-reviewed Journals:

1. **C. Bhattacharyya:** Nyaya vaisesika darsane hetvabhasasya tulanatmakam alocanam , National Seminer, Howrah Sanskrit Sahitya Samaj, Page 11-12, 2009.
2. **C.Bhattacharyya:** Raghudeva nyayalamkarasya Gudharthatattva dipikayam vyaptivadah, Sanskrita sahitya parishat patrika, Vol. LXXXXIII, Nos. 1-4, Page 77-91, ISSN No. 2249-0620, 2010.
3. **C. Bhattacharyya:** ‘Tarkadipika’- Nyayasammata Tarka Padartha Visayakah Aprakasita Grantha Vimarsah, Sanskrita sahitya parishat patrika, Vol. LXXXXV, Nos. 1-4, Page 10-19, ISSN No. 2249-0620, 2012.
4. **C. Bhattacharyya:** Bharatiya Darsana Chintayam karmavada, National Conference, Howrah Sanskrit Sahitya Samaj, Page, 26-27, 2012.
5. **C. Bhattacharyya:** Vratodyapane Lokacharah Bartamane Tadupayogita Ca, UGC Sponsored National Seminar, 2015.

Books with ISBN number and details of Publishers

- [1] **Tarkabhasa**, Page, 01-87, D.D.E, Vidyasagar University, Midnapore, 2007.
- [2] **Gudharthatattvadipika**, I-XX, Page, 1-242, Sanskrit Pustak Bhandar, Kolkata, ISBN No. 9788192210292, 2012.
- [3] **Nyayakusumanjali**, I-XII, Page, 1-274, Mahabodhi Book Agency, Kolkata, ISBN No: 9789380336657, 2014.

Dr. Subhrajit Sen

Papers published in Peer-reviewed Journals

1. Arbâchinsañskritasâhityasrstau Bibartanam : Dept. Journal Of Rabindra-bharati : ISSN:
2. Jagannathottarbarti-alamkarasastram : Prajnaloka : Dept. Journal of Ramakrishna Mission Vivekananda University, ISSN :2320-5911
3. Bhâratbarse strî-kabayah : Prajnâloka : Dept. Journal of Ramakrishna Mission Vivekananda University, ISSN :2320-5911
4. Samskritasâhityasya Unnatu Kâsyapakabeh Abadânâ : Dept. Journal Of Ramakrishna Mission Vidyanandira
5. Arbâchinasamskritabâmmye Chandasâm Baichitram : Samskritachintanam : Dept. Journal Of Ramakrishna Mission Sikshanmandira, Belur Math, ISSN:

Edited Book

Sahityajijnasa : Sanskrit Pustak Bhandar, Kolkata, 10th July, 2015

Sociology Department

1. **Name of the Department:** Department of Sociology
2. **Year of establishment:** 2011
3. **Is the Department part of a School/Faculty of the university?** Yes, it is a part of the Faculty of Arts and Commerce.
4. **Programmes Offered:** Master of Arts in Sociology; Master of Philosophy (Sociology)
5. **Interdisciplinary Programmes and departments involved:** Smt. Sushma Subba, Assistant Professor, Department of Economics, UGB, has taught Economic aspects of Aging in M. A. 4th Semester in the Department.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil.
7. **Details of programmes discontinued, if any, with reasons:** Nil.
8. **Examination System:** Semester System.
9. **Participation of the department in the courses offered by other departments:** Dr. Anindya Bhattacharyya has taken classes in Ph.D. course work in Political Science Department UGB, 2015.

- 10. Number of teaching posts sanctioned, filled and actual:** (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual (CAS + MPS)
Professor	1	0	0
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	--	--	--

- 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Mallarika Sarkar (Das)	M.A., Ph. D	Assistant Professor	Sociology (Social Gerontology) Research interests:	03	Nil

			Research Methodology, Medical Sociology, Social Gerontology, Religion and Society		
Dr. Anindya Bhattacharya	M.A., Ph. D	Assistant Professor	Sociology(Social Gerontology) Research interests: Sociological Theory, Social Gerontology, Sociology of Gender	03	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Dr. Krishna Guha, Associate Professor, Department of Sociology, Malda Women's College, Malda
- Dr. Bandana Majumdar, Associate Professor, Department of Sociology, Malda Women's College, Malda

13. Percentage of classes taken by temporary faculty (programme-wise information): 40%.

14. Programme-wise Student-Teacher Ratio

Course	Ratio
M.A.	56:01
M. Phil	01:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--

Lab. Technician	--	--	--
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16. Research thrust areas as recognized by major funding agencies: Nil.
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil.
18. Inter-institutional collaborative projects and associated grants received: Nil.
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.
20. Research facility / centre with:
 - State recognition: Nil.
 - National recognition: Nil.
 - International recognition: Nil.
21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.
22. Publications: For Details see Annexure I
 - ❖ Number of papers published in peer reviewed journals (national / international): 11
 - ❖ Monographs: Nil.
 - ❖ Chapters in Books: 07
 - ❖ Edited Books: Nil.
 - ❖ Books with ISBN with details of publishers: Nil.
 - ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
 - ❖ Citation Index – range / average: Nil.
 - ❖ SNIP: Nil.
 - ❖ SJR: Nil.
 - ❖ Impact Factor – range/ average: Nil.
 - ❖ h-index: Nil.
23. Details of patents and income generated: Nil.
24. Areas of consultancy and income generated: Nil.
25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.
26. Faculty serving in:
 - ❖ National committees: Nil.
 - ❖ International committees: Nil.
 - ❖ Editorial Boards: Nil.
 - ❖ Any other (please specify): Nil.
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs): Nil.
28. Student projects:
 - ❖ Percentage of students who have done in-house projects including inter-departmental projects: Nil.
 - ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: Nil.
29. Awards/ recognitions received at the national and international level by:
 - Faculty: NIL.

- Doctoral / post doctoral fellows: NIL.
- Students: NIL.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

- (1) One-day Special Lecture on “ Managing their time and Risk: Education in Prison” was delivered by Prof Howard S. Davidson, Senior Scholar, University of Manitoba, Winnipeg, Canada, dated 22/03/2012.
- (2) Two-days Special lecture was delivered by Dr. Manasendu Kundu, Summer Faculty, Department of Anthropology and Environmental Studies, University of California, Santa Barbara on “University Education in America : What can we learn from it ” and “In Search of an Ideal Model of Land Acquisition for West Bengal”, dated:- 6/5/15 and 7/5/15 respectively.
- (3) A state sponsored Panel Discussion Programme on “Development and Displacement: Issues and Challenges”, jointly organised by the Department of Sociology and Economics, was held on 15/1/15.

31. Code of ethics for research followed by the department

- (1) All the researchers are encouraged to strive for honesty in all academic endeavours
- (2) They are taught to act with sincerity, strive to avoid bias in conducting research
- (3) All the researchers are encouraged to promote social improvement and prevent or mitigate social problems through his/her research by informing the findings to policy makers, planners and other welfare agencies
- (4) Researchers are encouraged to be transparent about their research

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female
M.A.	74	2011-12	27	38	74%	84%
M.A.	76	2012-13	18	48	55%	90%
M.A.	64	2013-14	19	40	--	--
M.A.	86	2014-15	25	52	--	--
M. Phil	11	2015-16	06	04	--	--

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.A.	60%	40%	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

S.N.	Name of the Student	Agency	Category
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1.	Parama Roy	UGC-NET 2015 and SET (WBCSC) 2015	LS
----	------------	--	----

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		--
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	Nil
	Other than Campus Recruitment	Feedback is being obtained.
Entrepreneur		--

36. Diversity of staff:

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil.
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 02

Dr. Anindya Bhattacharyya was awarded Ph. D. in 2014

Dr. Mallarika Sarkar was awarded Ph.D. in 2015

38. Present details of departmental infrastructural facilities with regard to:

- ❖ **Library:** Nil.
- ❖ **Internet facilities for staff and students:** One computer available only for the faculty members, Students are also allowed to use the computer.
- ❖ **Total number of class rooms:** 02
- ❖ **Class rooms with ICT facility:** Nil
- ❖ **Students' laboratories:** Nil
- ❖ **Research laboratories:** Nil

39. List of doctoral, post-doctoral students and Research Associates: Nil.

a) From the host Institution/University

List of Doctoral Students:

Research Associates: Nil.

b) From other Institutions/University: Nil.

40. Number of post graduate students getting financial assistance from the university:

M.A. (2012-13)= 06

M.A. (2013-14)= 05

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Yes, suggestions from internal and external experts in the field are taken into consideration for framing the syllabus.

42. Does the department obtain feedback from:

❖ **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

The Department monitors the feedback and sees that the aspirations of the students pursuing the course are fulfilled and the syllabus is revised.

❖ **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, curriculum and teaching methods are updated and improved as per feedback from the students. However this is done informally, we are working out a formal mechanism.

❖ **Alumni and employers on the programmes offered and how does the department utilize the feedback?** Feedback is obtained informally; we are working out a formal mechanism.

43. List the distinguished alumni of the department (maximum 10): Nil.

44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:

Special lectures and Seminars are organised in the Department.

Following distinguished foreign scientists have visited Department of Sociology to deliver lectures:

- (1) Prof. Howard S. Davidson, Senior Scholar, University of Manitoba, Winnipeg, Canada.
- (2) Dr. Manasendu Kundu, Summer faculty, Department of Anthropology and Environmental Studies, University of California, Santa Barbara.

Following distinguished Indian Social Scientists have visited Department of Sociology to deliver lectures:

- (1) Prof. Pujan Kumar Sen, Retired Professor, Department of Sociology, University of Kalyani.
- (2) Prof. Sanjay Roy, Department of Sociology, University of North Bengal.
- (3) Prof. S.A.H. Moinuddin, Department of Sociology, Vidyasagar University.
- (4) Dr. Amit Sanyal, Special Secretary, Department of Higher Education, West Bengal.
- (5) Dr. Amites Mukhopadhyay, Associate Professor, Department of Sociology, Jadavpur University.
- (6) Dr. Sudarshana Sen, Associate Professor, School of Women's Studies, Jadavpur University
- (7) Dr. Satasidhha Sarkar, Assistant Professor, Department of Sociology, North Bengal University, Siliguri

45. List the teaching methods adopted by the faculty for different programmes:

- (1) Traditional teaching method with both chalk and board

- (2) Seminar Presentation by students is encouraged
- (3) All P.G. students of Semester IV is to undertake a project to develop the skills of a researcher
- (4) Efforts are taken to make teaching more interactive encouraging the students to participate in the discussion
- (5) The medium of instruction is bi-lingual.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The schedule of the programmes of teaching and learning and quality and content of teaching is regularly discussed in the meetings of the Departmental Committee. Learning outcomes are monitored in the form of internal assessment at the end of each semester.

47. Highlight the participation of students and faculty in extension activities: The faculty participates in capacity building and personality development of the students. NSS camps are regular opportunities for the students to develop and learn various leadership and organizational skills.

48. Give details of “beyond syllabus scholarly activities” of the department:

Since the Department is still in its infancy, efforts are taken to identify the social problems surrounding Malda in particular and North Bengal in general. These problems are reflected in the dissertations undertaken by the students for their curriculum.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

In the following areas faculty have contributed publication and talks:

- (a) Sociology of Aging
- (b) Sociology of Religion
- (c) Sociological Theory

At present, Dr. Mallarika Sarkar is working as a Course Developer and Coordinator of the course “Religion and Healing”. It is an e-pathshala UGC-MHRD project “Comparative Study of Religion” in The Centre for the study of Religion and Society, Jadavpur University, Kolkata-32.

Dr. Anindya Bhattacharyya had taken part in the team of International Research on ‘Ethnographic Profiling of Small-Town Anglo-Indians’ from Massey University, New Zealand in 2014.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Diversity of the students coming from different class and religious background
- There is a rigorous system for curriculum development
- The process of decision making in the Department endeavours to be inclusive and democratic.

Weaknesses:

- Shortage of faculty in the Department.
- No non-teaching staff is provided.
- English language deficiency and poor communication skills of the students.
- Not enough infrastructure support for the students.

- Shortage of books in the library.

Opportunities:

- To make the Department of Sociology as a specialized centre in the field of Minority Studies and Sociology of Gender
- Opportunity for students for grievance redressal.

Challenges:

- Giving quality teaching in the absence of adequate number of teachers.
- Catering to the needs of each and every student despite the poor teacher student ratio.

52. Future plans of the department:

1. To make the Department of Sociology an Advanced centre of excellence.
2. To start inter-disciplinary courses specially on Minority Studies and Gender Studies
3. To establish the seminar library for the benefit of students, research scholars as well as faculty members
4. (4)To start some collaborative programmes of the Department with other agencies at national and international level
5. (5)To get UGC- SAP recommendation

Annexure I

Dr. Mallarika Sarkar (Das)

Publications:

1. 'Understanding Old age as a social construct', Comsomath Special Issue, Vol 13(March 2010), No 1,(ISSN 0972-2971)
2. 'Family Support System for the Older Adults: A study in Kolkata', Journal of Sociology, Jadavpur University, Vol 4 (March 2011), No 4. (ISSN 1976-5212).
3. 'Education: Tagore versus Friere', Samaj Tattva, Vol 17, (June 2011), No. 1. (ISSN 1975-9980).
4. 'Predictors of Life Satisfaction among Older Adults'. Comsomath Issue, Vol 17, (September 2012), (ISSN 0972-2971)
5. 'Spirituality, Healing and Science', Social Trends, Volume2, No 1, (March 2015), (ISSN 2348-6538)
6. " Role of Religion and Spirituality in Health and Healing, Journal of Sociology, Jadavpur University, Vol 8, (March 2015), (ISSN 1976-5212) (Forthcoming)
7. "Elder Abuse and Neglect: A Sociological Analysis" in Contemporary Social Problems in India, Vol II, Ruby Sain (ed), (Forthcoming)

Paper Presentations in Seminar/Conference

1. Presented a paper entitled “ **Understanding Old age as a social construct**”, in UGC sponsored National Conference on Geriatrics and Gerontological Studies held in Netaji Nagar Day College, Kolkata, in collaboration with Jadavpur University, 15th & 16th Feb, 2010.
2. Presented a paper entitled “**Family Support System for the Older Adults**”, organized by Sociological Association of West Bengal, seminar entitled “Sociology in 21st century: The First Decade’ held in the Department of Sociology, Barracpore Rastraguru Surendranath College, dated Dec 6th, 2010.
3. Presented a paper entitled “ **Assessing the impact of religious support on the nutritional status of the aged: A case study in Kolkata**” in a 3-day International Conference on “Religion and Globalization: A Changing Perspective” held at the Centre for the Study of Religion and Society, Department of Sociology, Jadavpur University, Kolkata, dated 30th November, 2012.
4. Participated in a one-day Workshop entitled “ Enhancing the well-being of Elderly in Indian Neighbourhoods” conducted by the Research Project team of MHRD project “ Improving Quality of Life in Senior Citizens in Residential Neighbourhoods in the Indian Context” at the IIT Kharagpur Guest House, Kolkata Campus, HC Block, Sector III, Salt Lake City, Kol106, dated 8th, August, 2015.

Completed a course on “Education, Social Justice and Human Rights in a Multicultural Society” at University of Manitoba, Winnipeg, Canada from 5th-16th July, 2010.

Dr. Anindya Bhattacharyya

1. One book *Samakalin Samajik Tatwa* with Dr. Sudarshana Sen (Co-author) from Pearson India, New Delhi in 2014. (ISBN No. 9789332505803)
2. One book *Samajik Gobeshana: Podhhotividya, Podhhoti O Kaushal*, with Dr. Sudarshana Sen (Co-author) from K.P. Bagchi & Company, Kolkata (forthcoming)

Articles in Edited Books

1. One Article on ‘Aging’ (in Bengali) in *Bharatio Samaj: Sampratik Samasya* edited by Dr. Basabi Chakraborty: Urbee Prakashan (ISBN 978-93-80648-04-0), 2011.
2. One article on Students’ Movement (in Bengali) in *Bharater Samajik Andolon* edited by Dr. Krishnadas Chatterjee and Dr. Anirudhha Chowdhury: Levant Books. (ISBN 978-81-908065-1-0), 2010
3. One article on G. S. Ghurye (in Bengali) in an edited volume *Bharatio Samajtatwik Chintadhara*, by Bholanath Bandopadhyaya and Krishnadas Chattopadhyay from Levant Books, Kolkata in 2012. (ISBN No. 9789380663494)
4. ‘Unity in Diversity’ (*Boichitrer Modhye Aikya*), in edited volume *Bharatio Samaj: Kathamo O Probaho*, by Krishnadas Chattopadhyay from Chatterjee Publuishers Kolkata in 2013. (ISBN No. 978 81 926597 0 1)

5. 'Minority Community' (*Sankhyaloghu Sampradaya*), in edited volume *Bharatio Samaj: Kathamo O Probaho*, by Krishnadas Chattopadhyay from Chatterjee Publuishers Kolkata in 2013. (ISBN No. 978 81 926597 0 1)
6. 'Globalization and Indian Society' (*Bishyayan O Bharatio Samaj*), in edited volume *Bharatio Samaj: Kathamo O Probaho*, by Krishnadas Chattopadhyay from Chatterjee Publuishers Kolkata in 2013. (ISBN No. 978 81 926597 0 1)
7. Translation of Senior Secondary Level Course Material on Sociology from English to Bengali in 2010 (West Bengal Higher Secondary Council).

Articles in Journals

1. One article 'Self-Help and Self-Reliance: A Two Edged Razor' with Dr. Partha Sarathi De and Soma Bhattacharyya in *Journal of Social Work & Social Development*, Vol. 02, No. 01, June 2011, (ISSN No. 2229-6468) p. 73-90.
2. "Crime Against Women and Her Human Rights After Globalization" in *The Journal of Historical and Cultural Review*, Vol-3, No.-1- July- December-2012 (ISSN No: 2278-5345)

Presentation of papers at seminars and conferences:

1. Presented Paper at: Burdwan University-"Bardhakya, Bardhakya-bijnan o Bharatiya Samaj": in Feb 2004 –National Seminar on "Contemporary Indian Society: Issues and Challenges".
2. Presented Paper at: Maharani Kasiswari College: "Valued/Devalued? Social solidarity through the pursuit and cultivation of moral values." on 18th and 19th Jan-2006-U.G.C. Sponsored Regional seminar.
3. Presented Paper at: Vidyasagar University, Midnapore: 'Women's Empowerment, Self Help Groups and a Positive Step towards Reconciliation' at National Seminar on 5th and 6th March 2008.
4. Presented Paper at: University of Kalyani: 'Self Help Groups in West Bengal: A Step towards A Silent Revolution', at National Seminar on 13th and 14th March 2008.
5. Presented paper on 'Anglo-Indians of Kalimpong' with Sudarshana Sen at International Research presentations on 'Ethnographic Profiling of Small-Town Anglo-Indians' organized by Massey University, IIT, Kharagpur and University of Calcutta on December 2014.

Extension lectures/invited speakers

1. One Extension lecture on 'Max Weber on Social action' on 18 February, 2011, at East Calcutta Girls' College.
2. Has taken class at PhD course work in Department of Political Science, 2015

Zoology Department

1. Name of the Department: Department of Zoology
2. Year of establishment: 2011
3. Is the Department part of a School/Faculty of the university? Yes, it is part of Faculty of Science.
4. Programmes Offered: M.Sc., M. Phil. & Ph. D
5. Interdisciplinary Programmes and departments involved: Nil.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil.
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Semester System.
9. Participation of the department in the courses offered by other departments: Nil.
10. Number of teaching posts sanctioned, filled and actual: (Professors/Associate Professors/Asst. Professors/others)

Post	Sanctioned	Filled	Actual(CAS + MPS)
Professor	1	1	0
Associate Professor	2	1	1
Assistant Professor	4	2	2
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 Years
Dr. Shyamapada Mandal	M.Sc., Ph.D	Associate Professor and Head	Microbiology	9	Nil
Dr. Kaushik Chakraborty	M. Sc., Ph.D.	Assistant Professor	Entomology	08	Nil
Sri Subhrajyoti Roy	M. Sc.	Assistant Professor	Immunology	03	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Four.
13. Percentage of classes taken by temporary faculty (programme-wise information): Nil.
14. Programme-wise Student-Teacher Ratio:

- M.Sc. – 7:1
- M. Phil – 7:3

- Ph.D. – 7:2

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nil.

Post	Sanctioned	Filled	Actual
Junior Clerk	--	--	--
Typist	--	--	--
Storekeeper	--	--	--
Peon	--	--	--
Hamal	--	--	--
Sweeper	--	--	--
Gas Mechanic	--	--	--
Glass Blower	--	--	--
Lab. Technician	--	--	--

16. Research thrust areas as recognized by major funding agencies:

Dr. Shyamapada Mandal: Medical & Food Microbiology and Public Health.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

S. N.	Title of the Project	Funding Agency	Amount Rs. (in Lakhs)	Duration	Principal Investigator
	Plasmid mediated bacteriocin production and antibiotic resistance of Lactobacillus species and their antibacterial potential against multidrug resistant pathogenic bacteria	DST-SERB	12.0	2 YEARS	Dr. Shyamapada Mandal
Total Grant Received:			6		

18. Inter-institutional collaborative projects and associated grants received: Nil.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. total grants received: Nil.

20. Research facility / centre with:

- State recognition: Nil.
- National recognition: Nil.
- International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil.

22. Publications: List has been attached (Annexure 1)

- ❖ Number of papers published in peer reviewed journals (national / international): 59
- ❖ Monographs: Nil.
- ❖ Chapters in Books: 09
- ❖ Edited Books: Nil.
- ❖ Books with ISBN with details of publishers: Nil.

- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil.
- ❖ Citation Index – range / average: 0-10
- ❖ SNIP:
- ❖ SJR:
- ❖ Impact Factor – range/ average: 0-1.45
- ❖ h-index:

23. Details of patents and income generated: Nil.

24. Areas of consultancy and income generated: Nil.

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad: Nil.

26. Faculty serving in:

- a) National committees: Nil.
- b) International committees: Nil.
- c) Editorial Boards: Nil.
- d) Any other (please specify): Peer Reviewer (by the faculty member).

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):

Refresher: one; Orientation: 2; workshops: 2.

28. Student projects

- ❖ Percentage of students who have done in-house projects including inter-departmental projects: 100 % in-house projects.
- ❖ Percentage of students doing projects in collaboration with other universities / industry/ institute: NIL.

29. Awards/ recognitions received at the national and international level by:

- Faculty: Nil.
- Doctoral/ post doctoral fellows: Nil.
- Students: Nil.

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any: Nil.

31. Code of ethics for research followed by the department:

- Institutional Animal Ethical Committee (IAEC)
- Laboratory Safety Sub-Committee
- Bio-safety Sub-Committee
- Dissection Monitoring Committee

32. Student profile programme-wise

Name of the Programme	Applications Received	Academic Year	Selected		Pass Percentage	
			Male	Female	Male	Female

M.Sc.	20	2011-12	10	10	100	80
M.Sc.	45	2012-13	08	12	100	100
M.Sc.		2013-14	07	11	--	--
M.Sc.		2014-15	11	17	--	--
M. Phil	10	2014-15	04	06	running	running
Ph. D	29	2014-15	01	07	100	100

33. Diversity of Students

Name of the Programme	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.Sc. (2011-12)	79	21	--	--
M. Sc (2012-13)	94	6	--	--
M. Sc (2013-14)	78	22	--	--
M. Sc (2014-15)	63	37	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: Nil.

35. Student progression

Student Progression		Percentage Against Enrolled
U.G. to P.G.		--
P.G. to M. Phil		30
P.G. to Ph. D		--
Ph. D to Post-Doctoral		--
Employment Status	Campus Selection	--
	Other than Campus Recruitment	21
Entrepreneur		--

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	Nil
From other Universities within the State	100
From Universities from other States	Nil
From Universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01.
38. Present details of departmental infrastructural facilities with regard to:
- ❖ Library: Nil.
 - ❖ Internet facilities for staff and students: 4 for staff and students
 - ❖ Total number of class rooms: 02
 - ❖ Class rooms with ICT facility: 02
 - ❖ Students' laboratories: 02
 - ❖ Research laboratories: 03
39. List of doctoral, post-doctoral students and Research Associates: Nil.
- a) From the host Institution/University
 - List of Doctoral Students: Nil.
 - Research Associates: Nil.
 - b) From other Institutions/University: Nil.
40. Number of post graduate students getting financial assistance from the university: Nil.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:
Yes, suggestion was taken from the External Experts.
42. Does the department obtain feedback from:
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes; Department retains the documents.
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Comprehensive discussion and class test.
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
No.
43. List the distinguished alumni of the department (maximum 10): Nil.
44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts: Nil.
45. List the teaching methods adopted by the faculty for different programmes:
- Power-point
 - Interactive
 - Chalk and talk
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Time to time examination and students' performance in those examinations.
47. Highlight the participation of students and faculty in extension activities:

Escort students to different State and Central Govt. Institutes and Universities to visit Research Laboratories, and field work during the academic session 2011-12, 2012-13, and 2013-14.

48. Give details of “beyond syllabus scholarly activities” of the department:

Micro-teaching by Semester – IV (Elective Paper: Microbiology).

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: On Modern Biology (Basic and Applied).

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths:

- Coordinated work
- emphasising on Research area
- Time-fitted Syllabus
- Knowledge based programmes

Weaknesses:

- Limited source of fund for procuring laboratory equipments.

52. Future plans of the department

Knowledge based programme for LAB and FIELD activity; National and International Day Celebration by the department on different aspects and field; Collaboration in research work with different Govt. and Non-Govt. organization; Requisition of more extramural funds for

Annexure-I

Publications

Dr. Shyamapada Mandal

Journal

S N	Name &Year; Vol.: Page No./doi:	ISSN	Publisher	Paper Title
1	<i>Jundishapur J Microbiol.</i> 2011; 4(1): 55-60.	Print: 2008364 5 online: 2009416 1	Ahvaz Jundishapur University of Medical Sciences	Nalidixic acid susceptibility status of <i>Salmonella enterica</i> serovar Typhi isolates from Kolkata, India
2	<i>Jundishapur J Microbiol.</i> 2011; 4(2): 115-121.	Print: 2008364 5 online: 2009416 1	Ahvaz Jundishapur University of Medical Sciences	Inhibitory and killing activities of black tea (<i>Camellia sinensis</i>) extract against <i>Salmonella enterica</i> serovar Typhi and <i>Vibrio cholerae</i> O1 biotype El Tor serotype Ogawa isolates

3	<i>Macedonian J Med Sc</i> 2011; 15; 4(1): 5-11.	Print: 1857-5749 Online: 1857-5773		Effect of <i>Azadirachta indica</i> A. Juss (Meliaceae) seed oil and extract against <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae) larval susceptibility of Indian subcontinent
4	<i>Asian Pacific J Trop Biomed</i> 2011; 1(2): 157-163.	2221-1691	Elsevier	Honey: its medicinal property and antibacterial activity
5	<i>Asian Pacific J Trop Med</i> 2011; 4: 412-418.	1995-7645	Elsevier	Coconut (<i>Cocos nucifera</i> L.; Arecaceae): In health promotion and disease prevention.
6	<i>Jundishapur J Microbiol.</i> 2011; 4(3): 207-208.	Print: 20083645 online: 20094161	Ahvaz Jundishapur University of Medical Sciences	Plasmid mediated multidrug resistance of clinical <i>Escherichia coli</i> isolates
7	<i>Oman Med J</i> 2011; 26: 287-288.	print 1999-768x online 2070-5204	Oman Medical Specialty Board	Cholera epidemic in and around Kolkata, India: endemicity and management.
8	<i>Asian Pacific J Trop Med</i> 2011; 4: 573-580.	1995-7645	Elsevier	Cholera: a great global concern.
9	<i>Asian Pacific J Trop Biomed</i> 2011; S109-S112.	2221-1691	Elsevier	Repellent activity of <i>Eucalyptus</i> and <i>Azadirachta indica</i> seed oil against the filarial mosquito <i>Culex quinquefasciatus</i> Say (Diptera: culicidae) in India
10	<i>Oman Med J</i> 2011; 26: 319-323.	print 1999-768x online 2070-5204	Oman Medical Specialty Board	<i>In vitro</i> antibacterial activity of three Indian spices against methicillin-resistant <i>Staphylococcus aureus</i> .
11	<i>Asian Pacific J Trop Dis</i> 2011; 1: 279-281.	2221-1691	Elsevier	Is jaundice a prognosis of leptospirosis?
12	<i>Microbiol Res</i> 2011; 2:e20: 73-75.	eISSN 2036-7481	Page Press	Kinetics of dimethoate biodegradation in bacterial system
13	<i>Open Antimicrob Agents J</i> 2011; 3: 45-52.	1876-5181	Bentham	Antibiotic resistance prevalence and pattern in environmental bacterial isolates
14	<i>Asian Pacific J Trop Med</i> 2011; 4: 1001-1006.	1995-7645	Elsevier	Serologic evidence of human leptospirosis in and around Kolkata, India: A clinico-epidemiological study

1 5	<i>Asian Pacific J Trop Biomed</i> 2012; 2: 205-210	2221-1691	Elsevier	Detection of intestinal colonization of probiotic <i>Lactobacillus rhamnosus</i> by stool culture in modified selective media
1 6	<i>Asian Pacific J Trop Biomed</i> 2012; 2: 336.	2221-1691	Elsevier	Mosquito vector management with botanicals — the most effective weapons in controlling mosquito-borne diseases.
1 7	<i>Asian Pacific J Trop Med</i> 2012; 5: 253-260.	1995-7645	Elsevier	Human cystic echinococcosis: epidemiologic, zoonotic, clinical, diagnostic and therapeutic aspects.
1 8	<i>Scientific World J</i> 2012, Article ID 454059;doi:10.1100/2012/454059	ISSN 1537-744X	Hindawi	Antibiotic Resistance of <i>Salmonella enterica</i> serovar Typhi in Kolkata, India, and in vitro experiments on effect of combined chemotherapy.
1 9	<i>Asian Pacific J Trop Med</i> 2012; 5: 220-224.	ISSN 1995-7645	Elsevier	Enhancing chloramphenicol and trimethoprim in vitro activity by <i>Ocimum sanctum</i> Linn. (Lamiaceae) leaf extract against <i>Salmonella enterica</i> serovar Typhi.
2 0	<i>Asian Pacific J Trop Dis</i> 2012; 2: S585-S587	ISSN 2221-1691	Elsevier	Nalidixic acid resistance predicting reduced ciprofloxacin susceptibility of <i>Salmonella enterica</i> serovar Typhi.
2 1	<i>Asian Pacific J Trop Dis</i> 2014; 4: S13-S26.	ISSN 2221-1691	Elsevier	Epidemiological aspects of vivax and falciparum malaria: global spectrum
2 2	<i>Asian Pacific J Trop Dis</i> 2014; 4: S437.	ISSN 2221-1691	Elsevier	Mosquito repellency with botanicals—a valuable means of preventing mosquito-borne diseases
2 3	<i>Cell Communications</i> 2014; 1(1): 4-10	ISSN: 2311-5785	Auspicious Pub	Detection of extended spectrum β -lactamase production among multidrug resistant enteric bacteria by disc diffusion methods
2 4	<i>J Anc Dis Prev Rem</i> 2: 117. doi:10.4172/2329-8731.1000117	ISSN: 2329-8731	OMICS	Epidemiological Aspects of Chagas Disease - a Review
2 5	<i>Transl Med</i> 2014; 4: 143. doi: 10.4172/2161-1025.1000143	ISSN: 2161-1025	OMICS	Is rotavirus gastroenteritis a global emerging/re-emerging problem?
2 6	<i>Austin J Trop Med & Hyg.</i> 2015; 1(1): 1002	Not known	Austin Pub	<i>In vitro</i> assessment of two commercial honey samples for antibacterial and antioxidant activities

27	<i>Trans Biomed</i> 2015; 6: 2:8 www.transbiomedicine.com	2172-0479	iMedPub	Curd lactobacilli with probiotic potentiality
28	<i>Asian Pacific J Trop Biomed</i> 2015; 5: 421-428.	2221-1691	Elsevier	Coriander (<i>Coriandrum sativum</i> L.) essential oil: Chemistry and biological activity
29	<i>Asian Pac J Trop Dis</i> 2015; 5(Suppl 1): S184-S186	ISSN 2221-1691	Elsevier	Can over-the-counter antibiotics coerce people for self-medication with antibiotics?
30	J Forensic Toxicol Pharmacol 2015; 4:2.doi:http://dx.doi.org/10.4172/2325-9841.1000140		SciTechnol	Can bacteria subsist on antibiotics?
31	<i>Adv Bio Tech</i> 2012; 12: 11-14.	p-ISSN: 0973-0109 e-ISSN: 2319-6750	Samanthi Publications	Dimethoate associated antibiotic and heavy metal resistances in bacteria
32	<i>Adv Bio Tech</i> 2013; 13: 1-5.	p-ISSN: 0973-0109 e-ISSN: 2319-6750	Samanthi Publications	Changing patterns of antibiotic resistances of <i>Salmonella enterica</i> serovar Typhi in Kolkata, India
33	<i>International J Sci Nat</i> 2014; 5: 191-195.	p-ISSN 0973-3140 e-ISSN 2229-6441	Society for Science and Nature	Synergism between <i>Mimusops elengi</i> and <i>Bauhinia variegata</i> seed extracts against <i>Salmonella enterica</i> serovar Typhi and <i>Vibrio cholerae</i> O1 biotype El Tor serotype Ogawa isolates

Book Chapter:

S. N.	Title	Book Title, editor & publisher with page/doi	ISSN/ ISBN No.
1	Neem tree seeds: Antibacterial potential of neem (<i>Azadirachta indica</i> A. Juss) seed.	<i>Nuts and seeds in health and diseases</i> . V R Preedy, R R Watson, V Patel (eds.), Academic Press Inc, London, 2011; pp. 803-812.	ISBN 13: 9780123756886
2	Vibrio: <i>Vibrio cholerae</i>	<i>Encyclopedia of Food Microbiology</i> , 2nd Edition; Carl Batt & Mary Lou Tortorello (eds). Elsevier Ltd, Oxford, Chapter 346; 2014. http://dx.doi.org/10.1016/B978-0-12-384730-0.00346-3	ISBN: 978-0-12-384730-0
3	The diagnosis and classification of parasitic diseases of the liver	M.E. Gershwin et al. (eds). <i>Liver Immunology: Principles and Practice</i> , 2nd Edition, Springer, New York, 2014; pp. 145-158.	ISBN 978-3-319-02095-2
4	Fenugreek (<i>Trigonella foenum-graecum</i> L.) seed oil	Preedy V. (ed). <i>Essential Oils in Food Production, Preservation, Flavour and Safety</i> ; Elsevier London (in press)	Print Book ISBN

			:9780124 166417
5	Thyme (<i>Thymus vulgaris</i> L.) oils	Preedy V. (ed). <i>Essential Oils in Food Production, Preservation, Flavour and Safety</i> ; Elsevier London. http://dx.doi.org/10.1016/B978-0-12-416641-7.00094-8	Print Book ISBN :9780124 166417
6	Cumin (<i>Cuminum cyminum</i> L.) oils	Preedy V. (ed). <i>Essential Oils in Food Production, Preservation, Flavour and Safety</i> ; Elsevier London (in press)	Print Book ISBN :9780124 166417
7	Tangerine [<i>Citrus reticulata</i> (L.) var.] oils	Preedy V. (ed). <i>Essential Oils in Food Production, Preservation, Flavour and Safety</i> ; Elsevier London. http://dx.doi.org/10.1016/B978-0-12-416641-7.00091-2	Print Book ISBN :9780124 166417

Seminar/Symposium/Conference:

State level:1; ICEE (International): 1; National (Microbiology): 1: PSI: 2 (presented paper)

National Journal by Dr. Kaushik Chakraborty

S.N.	Journal details					Paper Titles	Authors	No of citation
1.	Journal of applied Zoological researches 2012. 23(2):121-128.	0970-9304	---	---	Applied Zoological research Association, India	Field evaluation of cultivars and bio-efficacy of insecticides against pest complex of lady's finger (<i>Ablemoschusesculentus</i> (L.) Monech.)	Ghosh,S. K, Mandal,T, Biswas, S., Chakraborty,K	
2.	Current Biotica. 2012. 6(1): 42-52.	0973-4031	---	---	Dept.of Entomology, University Of Agricultural Science, GKVK Bangalore, India	Relative composition of egg parasitoid species of yellow stem borer, <i>Scirpophagaintertul</i> asWlk. In paddy field at Raiganj, Uttar Dinajpur, West Bengal.	Chakraborty,K.	
3.	International Journal of Plant, Animal and Environmental Sciences. 2012. 2(3):157-162.	2231-4490	---	1.028 (UIF)	IJAPES, Hyderabad, India	Incidence and abundance of important predatory beetles with special reference to <i>Coccinellaseptempunctata</i> Sub-himalayan region of north-east India.	Ghosh,S. K., and Chakraborty,K.	
4.	Insect Environment. 2012. 17(4): 188-190.	0975-1963	---	---	Insect study and conservation network, Bangalore, India	Field incidence of both egg mass and individuals of paddy yellow stem borer, <i>Scirpophagaintertul</i> (Walker) in relation to fertilization.	Chakraborty,K.	

5.	Global Journal of Science Frontier Research Biological Sciences. 2012. 12(7): 53-61.	0975-5896	----	----	Massachusetts, USA	Incidence of rice Hispa, <i>Dicladispa armigera</i> (Coleoptera: Crysomellidae) on <i>Kharif</i> paddy in the agro-climatic conditions of the northern parts of Bengal, India.	Chakraborty, K. and Deb, D.C	
6.	Current Biotica. 2012. 6(3): 294-303.	0973-4031	---	---	Dept. of Entomology, University of Agricultural Science, GKVK Bangalore	Observation on the ultra structure of important antennal sensilla of <i>Leptocoryza acuta</i> (Thunberg) (Hemiptera: Alydidae).	Roy, G.C Chakraborty, K. , and Kundu, L.M.	
7.	Insect Environment . 2012.18 (1 and 2): 33	0975-1963	---	---	Insect study and conservation network, Bangalore, India	Observation on natural enemies of pest insects in rice fields.	Chakraborty, K	
8	Annals of Plant protection Science 2013. 21(1): 13-16.	0971-3573 (print) 0974-0163 (on line)	---	---	Society of Plant Protection Sciences, New Delhi India	Population dynamics of <i>Orseolia oryzae</i> (Wood-Mason) on rice crop at Gangetic plains of West Bengal.	Chakraborty, K	
9.	Research on crops 2013 14 (3) : 679-683	0972-3226 (print) 2348-7542 (online)	0.103 (JCR) 3.0 (SJR) 6.0 (NAAS)	---	Gaurav Society of Agricultural Research Information Centre, Hisar, Haryana, India	Comparative study of insect-pest constraints and yield attributes of local and aromatic cultivars of rice in northern parts of West Bengal, India	J. Ghosh, A. Ghosh, N. Chaudhury and K. Chakraborty	
10	International Journal of Scientific and Research Publications 4(11) 2014.	2250-3153	---	---	Rohini, New Delhi	Observation on abundance and group diversity of soil microarthropods with special reference to acarines at four differently used soil habitats	Sarkar, S. K Chakraborty, K .Moitra, M .N	
11	Research Journal of Agricultural and environmental Sciences 2014.1(1):26-31	2394-0638	---	---	Bioworld Publication Puram, Hyderabad, India	Bio-efficacy of plant extracts against red spider mite (<i>Tetranychus</i> sp.) infesting brinjal (<i>Solanum melongena</i> L.)	Ghosh, S. K and Chakraborty, K	

12	Journal Of Harmonize d Research in Applied Sciences 2014, 279-287	2321 –7456	---	---	Society of Harmonize d Research Plot no.B-202 Phase-II R.K.Nagar, Bilaspur	Preparation of farmer's friendly real time leaf colour chart for judicious (RTLCC) Management of nitrogen fertilizer in rice field 2(4),	Sarkar,S Chakraborty,K	
13	Cibtech Journal of Zoology 2014 3(3) 50-59.	2319-3883	---	---	Centre for infro Biotechnology,Jaipur,R ajasthan,India	Observation on the extent of Grain weight loss due to the infestation of <i>Sitophilus oryzae</i> in five selected rice cultivars	Das Choudhury, S Chakraborty,K	
14	International Journal of Multidisciplinary research and development 2015 2(3):316-321	2349-5979 (print) 2349-4182 (on line)	4.342 (ISRA)	---	Rohini,New Delhi,India	Insect pest constrains of Jute and its control by biological agents under modern eco-friendly sustainable production system	Abdur Sadad Kaushik Chakraborty	
15	World Journal of Environmental Biosciences	2277-8087	---	---	Euresian Publication, Pune, Maharashtra India	A study on variation of relative abundances and group diversities of major soil microarthropod taxa at four different sites in Uttar Dinajpur, West Bengal, India	Sarkar, S.K., Chakraborty,K and Moitra, M.N	
16	International Journal of Natural and applied Sciences	2349-4077	2.818 (SJIF)	---	Associated Asia Research Foundation, Yamunna Nagar India	Holistic survey of Butterfly diversity at two selected regions of the Northern parts of Bengal	Pal, S., Das, D., Saha, A. and Chakraborty, K.	
17	European Journal of Experiment Biology, 2015, 5(5):85-97	2248-9215	---	---	Pelagia Research Library, Jaipur, Rajasthan, India	A comparative study on physic-chemical characteristics and Zooplankton diversities between natural and man-made Wetlands at Coch Behar, West Benagl, india	Pal. S. , Das. D. Chakraborty. K.	
18	World Journal of Environmental Biosciences Vol 4, Issue1:7-15	2277-8047	---	---	Euresian Publication, Pune, Maharashtra, India	A Study on Variation of Relative Abundances and Group Diversities of Major Soil Microarthropods Taxa at Four Different Sites in	Sarkar. S.K., Chakraborty K., Moitra, M.N.	

						Uttar Dinajpur, West Bengal, India		
19.	Asian Journal of Biological and Life Sciences Jan-Apr 2015, Vol-4, Issue-1	2278-747X (Print) 2278-5957 (On line)	---	---	PBS Journal Ayodhya Nagar, Pallipuram, Palakkad, Kerala, India	On regional variability of major soil microarthropod groups at four different edaphic systems in the northern alluvial plains of Bengal, India	Sarkar. S.K., Chakraborty. K. , Moitra M.N.,	

Dr. Kaushik Chakraborty

S.N.	Name and Year. Vol. Page no./doi	Editor(s)	ISBN	Publisher with place	Paper title	Author(s)
1.	Modern Tends in Social and Basic Sciences 2015 Page no. 143-157	Sailen Debnath Bhaskar Bagchi and Subhra Mishra	978-93-82623-51-9	Tandrita Bhaduri for Reader Services, Kolkata	Studies on the Physico-Chemical Characteristics and Zooplankton diversity of the 'Panishala Beel': A wetland in Cooch Behar District, West Bengal.	Pal,S., Das,D., Chakraborty,K
2.	Modern Tends in Social and Basic Sciences 2015 Page no. 159-163	Sailen Debnath Bhaskar Bagchi and Subhra Mishra	978-93-82623-51-9	Tandrita Bhaduri for Reader Services, Kolkata	A comparative study on Population of Soil Micro-Arthropods at Two different habitats at Uttar Dinajpur, West Bengal, India	Sarkar,S.K., Moitra,M.N., Chakraborty,K

List of Seminars/Conference/Symposia

Sl. no	Seminar/Conference				Paper title	Author (s)
	Topic	Category	Year	Orgnized by		
1.	Department of Zoology, P.D Women's college, Jalpaiguri In collaboration with Jalpaiguri Science and nature Club, Jalpaiguri, March 13-14,2012	National Seminar	March 13-14,2012	Department of Zoology, P.D Women's college, Jalpaiguri In collaboration with Jalpaiguri Science and nature Club, Jalpaiguri	Diversity of important egg parasitoids of paddy yellow stem borer, <i>Scirpophagaintertulas</i> Wlk.in the garoclimatic conditions of Raiganj,UttarDinajpur, West Bengal	K.Chakraborty
2.	Recent advances in life science application	National seminar	Decemb er 08-09, 2012.	Post graduate Department of Zoology, AcharyaB.N.Seal College in	Effect of insecticide stress on cocinnellid beetle in rice field in northern parts of Bengal	K.Chakraborty

NAAC Self Study Report (SSR), University of Gour Banga, Malda, W. B.

				collaboration with Department of Agricultural Entomology Uttar Banga Krishi Viswavidyalaya on		
3.	Man, Animal and environment interaction in the perspective of modern research.	National Symposium	March 08-09, 2013	Department of Zoology, University of North Bengal,	Estimation of ETL of yellow stem borer (<i>Scirpophaga incertulas</i> Wlk.) by qualitative assessment of egg mass in field condition	K.Chakraborty & D.C Deb
4.	International conference on Harnessing natural resources for sustainable development; Global trends	International Conference	January 29-31, 2014	Cotton college, Guwahati, Assam,.	Important egg parasitoids of rice stem borer egg and its dynamics at Raiganj, Uttar Dinajpur, West Bengal	K.Chakraborty
5.	22th West Bengal State Science and technology Condress-2015 (in section: Agriculture and veterinary science)	State Level	February 28 and 1 March, 2015.	Department of Science and Technology, Govt. of West Bengal, West Bengal State Council of Science and Technology And University of North Bengal	Parasitoids of the rice stem borer eggs and their importance for eco-friendly sustainable agriculture.	K.Chakraborty
6.	Modern Trends in Social and Basic Sciences (MTSBS-2015)	International Conference	March 27-28, 2015	Organized by Alipurduar College (Affiliated to University of North Bengal), Alipurduar court, Alipurduar, West Bengal	Important parameters to be considered for the assessment of the water quality and suggestive measures at Cooch Behar, West Bengal.	K.Chakraborty & S.Pal

Training Courses, Teaching Learning –Evaluation Technology Programmes, Faculty Development Programme

Sl. No.	Programme	Duration	Organized by
1.	Workshop on the importance of statistical methods and interdisciplinary approach	7-days (05.09.12-11.09.12)	Raiganj Surendranath Mahavidyalaya (participate as an organizer)
2.	Workshop on Basic technique of Molecular Biology	7-days (14.05.14-21.05.12)	Department of Botany, University of Calcutta
3.	Refresher Course in Life science (inter disciplinary)	21 days (19.11.2014-09.12.2014)	University of North Bengal, Rajarammohanpur

Dr. Subhrajyoti Roy

International Journal:

S. N.	Paper Title					
	Name &Year; Vol.: Page No./doi:	ISSN	Publisher			
1.	International Journal of Food Properties; 2013; 16(6), 1351–1370; Doi: 10.1080/10942912.2011.587382	1094-2912 (Print) 1532-2386 (Online)	Taylor & Francis Group, UK	Assessment of the antioxidant and free radical scavenging activities of methanolic extract of <i>Diplazium esculentum</i>	S Roy, B, Hazra, N Mandal & TK Chaudhuri	4
2.	Immunopharmacology and Immunotoxicology; 2013;35(3),365–372; Doi:10.3109/08923973.2013.775588	0892-3973 (print), 1532-2513 (electronic)	Informa Healthcare, UK	Assessment of the immunosuppressive and hemolytic activities of an edible fern, <i>Diplazium esculentum</i>	S Roy, S Tamang, P Dey & TK Chaudhuri	1
3.	Food and Agricultural Immunology; 2015; 26(5), 690–702; Doi: 10.1080/09540105.2015.1007449	0954-0105 (Print) 1465-3443 (Online)	Taylor & Francis Group, UK	Assessment of Th1 and Th2 cytokine modulatory activity of an edible fern, <i>Diplazium esculentum</i>	S Roy & TK Chaudhuri	
4.	Journal of Basic and Clinical Physiology and Pharmacology; 2015; 26(4), 395–401 Doi: 10.1515/jbcp-2014-0100	2191-0286 (Online)	De Gruyter, Germany	In vitro assessment of anticholinesterase and NADH oxidase inhibitory activities of an edible fern, <i>Diplazium esculentum</i>	S Roy, S Dutta & TK Chaudhuri	

National Journal

Sl. No.	Paper Title		Authors			
	Name &Year; Vol.: Page No./doi:	ISSN	Publisher			
1.	International Journal of Research in Pharmaceutical Sciences; 2012; 3(4), 579-587	0975-7538	JK Welfare & Pharmascope Foundation, India	A quantitative assessment of bioactive phytochemicals of <i>Nerium indicum</i> : An ethnopharmacological herb	P Dey, S Roy & TK Chaudhuri	8
2.	Asian Journal of Pharmaceutical and Health Sciences; 2013; 3(2), 684-689	2321-3965	Pharmaceutical and Biological Society (PBS), India	Sperm viability assessment using 3-(4,5-dimethyl thiazol-2-yl)-2,5-diphenyl tetrazolium bromide reduction assay of Swiss albino mice treated with <i>Diplazium esculentum</i>	S Roy, S Tamang & TK Chaudhuri	---
3.	Proceedings of the Zoological Society; 2014; 67(2):140–148	0373-5893 (Print) 0974-6919 (Electronic)	Springer, India	Stimulation of Murine Immune Response by the Tubers of <i>Dioscorea alata</i> L. of North-Eastern Region of India	P Dey, S Roy & TK Chaudhuri	3

Paper(s) presented in Seminar/Conference

S. N.	Seminar/Conference details		Paper Title	Authors
	Name & Year	Organized by		
1.	National Symposium on “Man, animal and environment interaction in the perspective of modern research”; March 08 – 09, 2013	Department of Zoology, North Bengal University, Siliguri, West Bengal, India	Study on the immunomodulatory activity of an edible fern, <i>Diplazium esculentum</i> (Koenig ex Retz.) Sw.	S Roy & TK Chaudhuri
2.	National Symposium on “Applied Zoology in Sustainable Development: An Update”; January 30 – February 02, 2015	Department of Zoology, North Bengal University, Siliguri, West Bengal, India	Acute, sub-acute, sub-chronic and chronic toxicity study of <i>Diplazium esculentum</i> on liver and kidney functions of Swiss albino mouse	S Roy & TK Chaudhuri

Appendix 1: (Department of Geograph)

Published Books with ISBN:

S.N..	Name of the Authors	Name of the Book	Publisher	Year	Status	ISBN
1.	Dr. Swades Pal	Advance River Geography	acb publication, Kolkata	2010	National	81-87500-33-6
2.	Dr. Swades Pal	Geographer's Digest	Book Centre Publication, Santiniketan	2011	National	9788192101704
3.	Dr. Swades Pal	Wetland of Bengal Basin: Virtue and Vulnerability; Hydrological Perspective	Lambert Academic Publication, Germany	2012	International	978-3-8473-2636-6
4.	Dr. Swades Pal	Quantitative Techniques in Geography	Progressive Publishers, Kolkata	in press	National	9788-81-89846-67-1
5.	Dr. Sujit Mandal & Dr. Ramakrishna Maiti,	Semi-quantitative Approaches for Landslide Assessment and Prediction	Springer Science. Singapore	2015	International	10:9812871454/ISBN-13: 978-9812871459

Contribution of Chapter in Books:

1. Pal, S. Spatio-Temporal Hydro-Dynamics of the Beel Resources due to Human Intervention in Kandi Block, Murshidabad District, W.B., *WAST, Paripesh Kendra, Kolkata*.
2. Pal, S. Existing Ground Hydrological Condition and Agricultural Sustainability: A Study on Moribund Delta of West Bengal, *Sustainable Agriculture and Management*, Kazi Rahim et.al (Ed.), New Delhi Publishers, 2012, Pp. 17-33.; ISBN: 978-93-81274-12-5.
3. Pal, S. Changing Land use Pattern and its Impact on Wetland Environment, *Environmental Concerns*, Debabratta Das Gupta (ed.), AGROBIOS, Jodhpur, India, 2011, pp. 275-284.
4. Pal, S. Land Use Classification and NDVI Analysis: Application on Kuya River Basin, Eastern India; Dr. Pradip Chauhan (Ed.)
5. Pal, S. Emerging Conflict Associated with Violation of Equilibriumity between Ecology-Economy in Existing Agricultural Strategies in Wetland Area and Rural Livelihood Distress; *Challenges of Livelihood and Inclusive Rural Development in The Era of Globalization.*, Pranab Kumar Chattopadhyay and Sudipto Bhattacharya, New Delhi Publishers, New Delhi, pp. 293-312. ISBN 978-93-81274-25-5
6. Pal, S. Erosion Dynamics in Lateritic Santiniketan Badland, West Bengal, India, is going to be published in 3rd quarter of 2015 in “Advances in Environmental Research” Vol. 40, ISBN: 978-1-63482-785-0 (web site: www.novapublishers.com)
7. Lepcha, K. The Institution of Marriage and some rituals and customs of the Lepchas; in *Book Discourses on Darjeeling Hills*; Ray Chandra Dinesh & Chhetri Bishal (Ed.); Gamma Publication; pp.151-155; ISBN: 978-93-83405-09-1
8. Das, A. ‘Mapping the out of Schools’ in OP Shulka edited “Indian Economy: Issues and Challenges: Special Focus on Globalization and Inclusive Growth: The Indian Experience, ISBN: 78-93-80525 Academic Excellence, New Delhi; 2011
9. Das, A. Educational backwardness among the Muslims and the capability thesis; in Joav Marrick edited *India: Health and Human Development Aspects*; ISBN 9781-1-62948-784-7; Nova Science Publishers, Inc; New York; 2014
10. Das, A. Right to Education Act (2009): A Critical evaluation in Joav Marrick edited; *India: Health and Human Development Aspects*; ISBN 978-1-62948-784-7; Nova Science Publishers, Inc; New York; 2014

International Publications:

1. Mandal, S., Mukherjee, A. and Maiti, R. (2012) Application of RS and GIS based semi-quantitative approach in Landslide Hazard Risk Assessment of the Shivkhola Watershed, Darjiling Himalaya, *Geo Risk: Assessment and Management of Risk for Engineered Systems and Geohazards* Taylor and Francis Group Journal, ISSN:1749-9518 (print)/1749-9526 (online)
2. Mandal, S. and Maiti, R. (2013) Integrating the Analytical Hierarchy Process (AHP) and the Frequency Ratio (FR) Model in Landslide Susceptibility Mapping of Shivkhola Watershed, Darjeeling Himalaya. *International Journal of Disaster Risk Science*. Springer Group Journal “ISSN: 2095-0055 (Print) ISSN: 2192-6395 (Online)
3. Mandal, S. and Maiti, R. (2012) Application of 1-D Slope stability model in landslide susceptibility mapping of Shivkhola Watershed, Darjiling Himalaya. *International Journal of Geology, Earth and Environment Science*, ISSN:2277-2081 Vol.2 (2) May-August, pp. 34-50
4. Mandal, S. (2012) Application of a RS & GIS based semi-quantitative approach in Ground Water Potential Mapping of Kangshabati Irrigation Command Area (ICA),

- West Bengal. *International Journal of Geology, Earth and Environment Science*, ISSN:2277-2081 Vol.2 (3) September-December, pp. 79-88.
5. Mandal, S. (2013) Agricultural Drought Assessment in Kangshabati Irrigation Command Area, West Bengal. *International Journal of Geology, Earth and Environment Science*, ISSN: 2277-2081.
 6. Mandal, S. and Maiti, R. (2013) Assessing the Triggering Rainfall-Induced Landslip Events in the Shivkhola Watershed of Darjiling Himalaya, West Bengal. *European Journal of Geography*, ISSN: 1792-1341. Vol 4, Issue 3: 21-37.
 7. Mandal, S. and Maiti, R. (2014) Role of Lithological Composition and Lineaments in Landsliding: A Case Study of Shivkhola Watershed, Darjiling Himalaya. *International Journal of Geology, Earth and Environment Science*, ISSN: 2277-2081, 2014 Vol. 4 (1) January-April, pp. 126-132.
 8. Mandal, S. (2011) RS and GIS based Ground Water Potential Mapping of Kangshabati Irrigation Command Area, West Bengal. *Geography and Natural Disaster*, Vol. 1, Issue 1, 1000104.
 9. Mandal, S. (2015) Upslope Contributing Area, Topographic Wetness and Landsliding: A Case study of the Shivkhola Watershed, Darjiling Himalaya. *International Research Journal of Earth Science*, International Science Congress Association. Vol.3 (7), 23-29, July (2015) ISSN: 2321-2527.
 10. Mandal, S. (2015) Preparedness and Mitigation Measures to combat agricultural drought in Kangshabati Irrigation Command Area of West Bengal, India. *African Journal of Agricultural Research*, Academic Journals Vol.10 (XX), pp.xxxx-xxxx, x xxxx, 2015. DOI:10.5897/AJAR2015.9767, ISSN: 1991-637X.
 11. Mandal, S. (2015) Hypsometric Analysis and Assessment of the stages of landform development: a case study of the Shivkhola Watershed, Darjiling Himalaya. *International Journal of Research in Commerce, IT, Engineering and Social Sciences*. Vol. 1 Issue 5. ISSN: 2349-7793.
 12. Pal, S. *Channel Morphological Trend and Relationship Assessment of Dwarka River, Eastern India*, *Global Journal of Applied Environmental Science*, Nov., 2011. Vol. 1, No. 3(2011) pp.221-232. ISSN 2248-9932
 13. Pal, S. *Human Impact and Channel Hydrological Modification: A Study on Dwarka River of Eastern India*; *International Journal of Integrated Scientific, Engineering & Management Society*, Volume 2, Number 1 (2011), pp. 262-267, ISSN 978-81-921733-0-6
 14. Pal, S. *Assessment of the Hypothetical Trend of Morphological Parameters: Kuya River Channel, Eastern India*. *International Journal of Environmental Engineering and Management* Volume 3, Number 1 (2012), pp. 37-44. ISSN 2231-1319
 15. Pal, S. *Impact of Sand splay on Agrological Environment: A Study on Lower Ajoy River Basin, Eastern India*; *International Journal of Agricultural Economics and Management*; Volume 2, Number 1 (2012), pp. 11-17.
 16. Pal, S. *Extraction and Alignment of Vegetation astride Road Network in Ward 19 & 20 of KMCA: A Micro Spatial Study*, *International Journal of Technology and Management*, *International Journal of Applied Research & Studies*, IJARS/Vol.I/ Issue I/Jun-Aug, 2012/111, ISSN 2278 – 9480
 17. Pal, S. *Changing Land Use Pattern in Chatra Wetland of English Bazar Town: Rationale and Flaws*; *International Journal of Humanities and Social Sciences*; Volume 2, Number 2 (2012), pp. 201-206. ISSN 2250-3226
 18. Pal, S. *Water Scarcity in Wetland Area within Kandi Block of West Bengal: A Hydro-Ecological Assessment*, *Ethiopian Journal of Environmental Studies and Management* Vol.2 No.3 2009.

19. Pal, S. *Statistical Interpretation on the Spatial Surface Water of Some Wetlands in Murshidabad Rarh Plain, West Bengal.*, International Journal of Lakes and Rivers, Sept., 2011, Vol. 4, No. 2(2011) pp.167-176. ISSN 0973-4570
20. Pal, S. *A Journey Toward Oxbow Lake Formation and Associated Change in Human Mosaic: Study on Kalindri River of Malda District*; IOSR Journal Of Humanities And Social Science (JHSS), Volume X, Issue X (Nov. - Dec. 2012), ISSN: 2279-0837, An Online International Journal Available at [Www.Iosrjournals.Org](http://www.iosrjournals.org)
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22. Pal, S. Impact of Reservoir on Hydrogeomorphological Modification of Mayurakshi River, Eastern India, Environment Development and Sustainability, 2015, Vol. 17(2), ISSN:1387-585X; DOI 10.1007/s10668-015-9679-1
23. Pal, S. Surface Runoff and Soil erosion Dynamics: A Case study on Bakreshwar river basin, eastern India, *International Research Journal of Earth Sciences*, Vol. 3(7), 11-22, July (2015), ISSN 2321-2527
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2. Mandal, S. and Maiti, R. (2010) Prioritization of Sub-Watershed in Shivkhola Basin, Darjiling, West Bengal-A Cognitive Approach for Spatial Distribution of Slope Instability.” (Received on 25/05/2010, Accepted on 13/12/2010), *Indian Journal of Geomorphology* (IGI), Allahabad. ISSN:0973-2411. Published-Volume 15 (1+2), Jan-June, July-Dec,2010, pp. 39-56.
3. Mandal, S. and Maiti, R. (2010) An Analysis of Soil-moisture Condition and Slope Vulnerability in Shiv-khola Watershed, Darjiling, West Bengal.” *Indian Science Cruiser*, Kolkata. R.N.- 44132/87, ISSN:09704256, Volume 24 November 4 August 2010.

4. Mandal, S. and Maiti, R. (2011) Estimation of Surface Run-off to Analyze Slope Instability in Shivkhola Watershed, Darjiling Himalaya.” *Indian Journal of Power and River Valley Development*’, Kolkata. II ISSN 0019-5537. March-April, 2011.
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11. Mandal, S. (2015) Assessment of Agricultural Productivity in Kangshabati Irrigation Command Area (KICA), West Bengal. *Indian Science Cruiser*, Kolkata. ISSN: 09704256. Vol.29. no.1
12. Pal, S. *Granulometry of Soil, Climatic Phenomena and Soil Erosion in Khoai Region*, Journal of landscape and Ecology, published by Institute of Landscape Ecology and Ekistics, Kolkata, Vol. No. 31, No. 1 June. 2008, pp. 183-194.
13. Pal, S. Changing Inundation Character in Mayurakshi River Basin: A Spatio Temporal Review, *Practising Geographer*, Vol. 14, No. 1, September 2010, pp. 58-71.
14. Pal, S. *Assessment of Ground Water Recharge in Moribund Deltaic Zone of West Bengal*, *Journal of Hill Geographers*, North Eastern Hill University, Shillong, Vo. XXIV, No. 1 & 2, pp. 49-55.
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16. Pal, S. *Impact of Surface Drainage on Spatial Flood Ferocity in Kandi Block of West Bengal*, *Regional Science*, Kolkata, Vol.XXXXIII, No.1, pp. 91-96.
17. Pal, S. *Trend of Flood at Riverine Bengal Basin of Kandi Block of Murshidabad District: A Hydrogeomorphological Overview*; *Indian Journal Of Geography And Environment*, *Indian Journal of Geography & Environment* 12 (2011) 09-18, ISSN:0972-7388
18. Pal, S. *Future of Dam: In front of the Question Mark*; Antorjatik Pathsala, 2012, Vol. 1, Issue IV; ISSN: 2230-9594
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20. Lepcha K. An Assessment of solid waste management in Darjeeling Town; in *Journal Resource Management: Human and Natural Perspective on North East Region; Readers Service*; 2013
21. Das, A. Linkages between Inequality in Educational Attainment and Regional Disparity in Human Development: An Indian Experience; *Practice Geographers: Kolkata* 2010.
22. Das, A. Exploring the pattern and determinants of Child sex ratio in rural Punjab; *Hill Geographer*; vol XXVI, No: 1&2, 2010.



University Guest House, “Soujanya”



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Felicitation of Professor Topodhir Bhattachariya (Ex Vice-Chancellor Assam University) on University Foundation Day



Felicitation of Professor Himadri Lahiri on University Foundation Day



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23235733, 23232317, 23236735, 23239437

Received

Sl. No. 22/8 Date 5/9/08

VC'S Establishment
University of Gour Banga.

No. F. 9-23/2008 (CPP-I)



ज्ञान - विज्ञान विभूतये

Speed - Post

विश्वविद्यालय अनुदान आयोग

बहादुरशाह जफर मार्ग

नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION

BAHADURSHAH ZAFAR MARG

NEW DELHI-110 002

August, 2008

✓ The Vice Chancellor,
Gaur Banga University,
Rabindra Avenue,
Malda College Campus,
P.O. & Distt. Malda – 732 101,
West Bengal.

- 1 SEP 2008

Subject: UGC approval for the 'Gaur Banga University, Malda' under Section 2(f) of UGC Act, 1956.

Sir,

With reference to your letter No. F.VC/UG B/1 dated 22.07.2008 on the above subject, I am directed to inform you that 'Gaur Banga University' has been established by act of State Legislature (Act No. XXVI of 2007) and empowered to award degrees as specified by the UGC under Section 22 of UGC Act 1956 with the approval of Statutory Council wherever required.

Yours faithfully

(S. C. Chadha)
Deputy Secretary

Certificate of Compliance

(Affiliated/ constituent/ Autonomous colleges and Recognized Institution)

This is to certify that University of Gour Banga (Name of the institution) fulfils all norms.

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

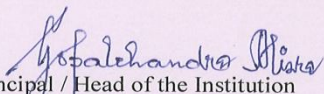
In case the affiliation/recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institute will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by 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 University website.

Date: 28.8.15

Place: Malda, West Bengal


Principal / Head of the Institution

(Name and signature with Office Seal)

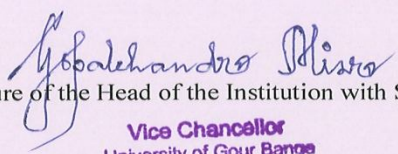
Vice Chancellor
University of Gour Banga

Declaration by the Head of the Institution

I certify that the data included in this Self- Study Report (SSR) are true to the best of my Knowledge.
The SSR is prepared by the Institution after internal discussing and no part thereof has been outsourced.
I am aware that Peer Team will validate the information provided in this SSR during the Peer Team Visit.

Date: 28. 8. '15

Place: Malda, West Bengal


Signature of the Head of the Institution with Seal
Vice Chancellor
University of Gour Banga

