KHARAGPUR COLLEGE

Estd. 1949

Inda, Kharagpur
Paschim Medinipur
West Bengal, Pin – 721305

Self Study Report

Submitted to

National Assessment and Accreditation Council for Re-Accreditation (Cycle 2)

Self Study Report of Kharagpur College, Kharagpur

For Reaccreditation (Cycle 2) by National Assessment and Accreditation Council (NACC- UGC)

C O N T E N T S

Self Study Report of Kharagpur College, Kharagpur

1. Introduction to the College: Executive Summary

1.1 Location

Kharagpur College, Inda, Kharagpur is an undergraduate, co-educational college with post-graduate department in Bengali situated at Inda, Kharagpur an urban centre in the district of Paschim Medinipur, West Bengal (Coordinates: 22.330239°N, 87.323653°E) on the South-western border between West Bengal and Orissa. The college is located beside the Orissa Trunk Road. The college is approximately 2.5 km away from Kharagpur railway station and 2.5 km away from Kolkata-Mumbai highway. This great advantage of communication helps students from remote villages to attend classes from their native houses.

1.2 Climate

The climate in Kharagpur follows a hot-tropical monsoon pattern with highs and the mid 40 °C in the summer (generally April to June), mid 30°C during the monsoon season (June to August) and low 30°C for most of the other times of the year. Winters (December to January) are usually mild with lows in the 10°C and high in the low to mid 20°C. Most of the precipitation is from the southeast monsoon which may bring in excess of 1500 mm of rainfall.

1.3 A little History about Kharagpur

Kharagpur is an important industrial city in Paschim Medinipur district of West Bengal, India. It is multi-cultural and cosmopolitan city. It is the most populated city of Paschim Medinipur district. The first Indian Institutes of Technology (**IIT**), a group of Institutes of National Importance, was founded in Kharagpur as early as in May 1950. It is 116 km from Kolkata and forms an important station on Howrah-Mumbai, Howrah-Chennai road and railway route. This city also has one of the largest railway workshops in India, and the third longest railway platform in the world (1072.5 m). Kharagpur has an Air Force base in Kalaikunda, and another in Salua. There have been plans by the IAF to allow civil flights in Kalaikunda. It is one of the four cities where national sports are held. Other being Kolkata, Siliguri and Durgapur.

1.4 Foundation of Kharagpur College, Inda, Kharagpur

Kharagpur College was founded on 29th August (Monday); 1949 in the premises of the Silver Jubilee School at Kharagpur, Puratan Bazaar. Soon thereafter; the College obtained a donation of nearly 40 bighas of land from Mrs. Saleha Khatoon, wife of late Nasir Ali Khan of Panchberia, Kharagpur. Construction of the College building started under the dispersal scheme of the State Government on the 2nd day of July 1951. Thus the college started functioning in its own building at the present site at

Inda, Kharagpur. Prof. H.B.Sarkar,an eminent historian was the founder Principal of this College. Despite his untiring effort it could hardly possible for the College to attain its present status.

1.5 Mission

The professed mission of the college is to follow the principle of 'advancement of learning' which looks to inculcate young minds in the new vistas of knowledge and to build up a solid foundation of personalities through knowledge and perfection in multifarious avenues of life.

1.6 Aims and Objectives

The college has developed into a vast academic institution of learning and stands singularly as one in a cosmopolitan ambience. This great seat of learning is devoted to the cause of providing quality education in the field of arts, commerce and science. To the objective of producing professionals for job and resolute personalities for society, this institution is, by and large, sincere in maintaining the environment which can motivate self-discipline, creativity and excellence. It tries to impart education to inculcate in the minds of the students a spirit of pride for the great heritage of the country, to maintain the ideal of unity of the country amidst its diversity and to be self-reliant, confident and responsible citizens.

1.7 Category and UGC Recognition

Ours is a grant-in–aid type of co-educational college affiliated to Vidyasagar University (previously to the University of Calcutta), West Bengal and enjoys UGC recognition under 2(f) and 12(B). It has been accredited by NAAC as an 'B+' grade College in 2007.

1.8 Administrative Organization

The College has an efficient administrative structure that provides for internal co-ordinating and monitoring mechanisms. The Governing Body is formed following the rules of the Government of West Bengal and the affiliating University on the basis of election at the local level and selection at the governmental and university levels. The Governing Body exercises final administrative powers and is responsible for determining polices and overseeing development, appointing staff, arranging for annual audit of accounts and passing the annual budget and controlling all other aspects of the college governance. All the teachers are members of the Teachers' Council and they serve actively on various committees to facilitate the smooth running of the administration. Quality assurance mechanisms have been initiated through the IQAC. Welfare measures for employees are catered through registered bodies like the Cooperative Credit Society and the College Provident Fund Trust.

1.9   Curricular Provisions

We offer 15 (fifteen) under-graduate Honours courses; 07 (seven) under the Faculty of Arts,05 (five) under the Faculty of Science, 01 (one) under the Faculty of Commerce and 02 under the Faculty of both Arts and Science It runs 03 (three) UG General course: B.A General (Morning and Day Shift), B.Com General and B.Sc

General (Pure and Bio. Science). Besides this, it offers Computer Science (Day shift), Sociology (Day Shift) and Physical Education (Morning Shift) as a General Subject. It also offers M.A in Bengali.

1.10   Student Strength and Nature

The College has an enrolment of nearly 3683 student s enrolled during the current academic year (2015-16) and has good results in the university examinations for all the departments with a number of first classes each year. Most of the students are first-generation learners and many belong to the socio-economically disadvantaged sections of the society, SC/ST/OBC categories. A very encouraging trend is the steady rise in their number. Girls students are increasing in significant number.

1.11   Staff Strength

The College is headed by the Principal and has a total of 46 (forty six) full-time teachers against 66 (sixty six) sanctioned substantive post approved by the Government and one full-time librarian. In addition, there are 23 (twenty three) Govt-approved Part Time-teachers, 01(one) government approved contractual whole time teacher, 34 (Thirty four) Guest teachers. The number of Govt.-approved full-time Non-teaching staff is 24 (twenty four) and there are 15 (fifteen) contractual non-teaching staff members as well.

1.12   Teaching-Learning

The under-graduate courses are run on an annual system and the university examinations are held at the end of each academic session for three years (1+1+1system). The post-graduate course in Bengali is 2-year 4-semester long. The college arranges for unit tests, semester-exams, tutorial and remedial classes. Special theoretical and practical classes are held for the benefit of the students. For project work in post-graduate courses students visit, and sometimes work in, different research institutions. Traditional, as also innovative teaching methods are followed for class-room teaching making adequate use of ICT. Student seminars and debates are arranged to improve their knowledge base and communication skills. Steps are taken to increase social awareness and foster personality growth and all-round development. The NSS unit of the College, which works in close collaboration with that of Vidyasagar University, renders dedicated service to the College and to the community at large (especially through their developmental activities in a nearby villages adopted by the College).

1.13 Infrastructure

The college (having 20 acres of land) operates in 10 (ten) buildings. The College Office is fully computerized. Almost all the departments have separate and dedicated departmental offices, and the science departments have individual laboratories. It has a separate building for the Central Library which is under the supervision of a

full-time librarian. It has a Computer Centre, auditorium, seminar hall, an outdoor stadium and an indoor stadium (under construction), an open stage, canteen, separate students' union office, Boys and Girls Common Rooms, vehicle shade, one playgrounds, garden, and a pond. There are two hostels—one for boys and one for girls. The college has a separate electric connection with a dedicated transformer to handle the load. There are three pollution-free diesel generators as power back-up system for the entire college, several inverters, inter-com facilities and broadband internet connection in all departments of the college. Recently there is an agreement with Reliance Jio for providing free internet facility through Wi-Fi connections inside the college campus. There is a students' support centre which has photocopiers for photocopy of documents.

1.14 Research, Consultancy and Extension

Full-time teachers are actively engaged in research at various academic institutions like Vidyasagar University, Jadavpur University, Inter University Consortium, Kolkata and IIT, Kharagpur. There is one Major Research Project funded by DST is running and three Minor Research Projects have been completed. Besides, the college sponsors researches and surveys on topics/issues of local importance.

1.15 Linkages

Recently the college entered into agreements with some of the reputed enterprises like "ADS Enterprise", ADAMAS UNIVERSITY, Kolkata for career advancements of the students and with Reliance Jio to install Wi-Fi cables in the college campus which will be freely accessible for college authority, students.

1.16 Innovations

The college has introduced a fully digitalized library with the modern OPAC system enabling students easy access of study materials. The college has also entered into an agreement with Reliance Jio to provide for a fully wi-fi enabled campus. Digitalization of classrooms to do away with the conventional method of teaching is also underway. In addition the institution also provides for fire-safety awareness and training by placing 24 fire extinguishers at different locations within the college and maintenance and testing of pure water supply regularly.

SECTION B: PREPARATION OF SELF-STUDY REPORT

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name:	KHARAGPUR COLLEGE
Address:	P.O.-INDA, KHARAGPUR, DIST-PASCHIM MEDINIPUR
City	PIN: 721305	State: WEST BENGAL
Website:	www.kharagpurcollege.ac.in

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	E-mail
Principal/ Teacher – in - Charge	Dr. Kaushik Kumar Ghose	03222-225920	9474384852	03222-227926	kharagpurcollege@gmail.com
Vice Principal	N/A	O: N/A R:	N/A	N/A	N/A
NAAC Steering Committee Co-ordinator	Dr. Jyotirmoy Pramanik	03222-225920	9474000477	03222-227926	jotir_moy@yahoo.com
IQAC Co-ordinator	Tarun Kumar Ray	03222-225920	9434322182	03222-227926	tkraykgp@rediffmail.com

3. Status of the Institution:

    a. Affiliated College   √

    b. Constituent College

    c. Any other (specify)

4. Type of Institution:

    a. By Gender

        i. For Men

        ii. For Women

        iii. Co-education   √

b. By Shift

     i. Regular

    ii. Day   √

   iii. Evening   √

5. **It is a recognized minority status (Religious/ Linguistic/ any other) and provide documentary evidence.**

Yes

No   ✓

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

6. **Sources of funding:**

    a. Government   ✓

    b. Grant-in-aid

    c. Self-financing

    d. Any other

7.

    a. **Date of establishment of the college: 29/08/1949**

    b. **University to which the college is affiliated/ or which governs the college**

      (if it is a constituent college)   Vidyasagar University

    c. **Details of UGC recognition:**

Under Section	Date, Month & Year (DD-MM-YYYY)	Remarks (If any)
i. 2 (f)		The college being established before 1956, automatically was given the status of being a 2(f) & 12 (b) college under UGC Act.
ii. 12 (B)		

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

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

Under Section/ clause	Recognition / approval details Institution / Department Programme	Date, Mont & Year (DD-MM-YYYY)	Validity	Remarks
i.				
ii.				
iii.				
iv.				

(Enclose the recognition / approval letter)

8. **Does the affiliating university Act provide for conferment of autonomy (as recognized by the affiliated colleges?**

   Yes [ ]   No [√]

   If yes, has the College applies for availing the autonomous status?

   Yes [ ]   No [ ]

9. **Is the College recognized**

   a. By UGC as a College with Potential for Excellence (CPE)?

   Yes [ ]   No [√]

   If yes, date of recognition: …………………………………. (dd/mm/yyyy)

   b. For its performance by any other governmental agency?

   Yes [ ]   No [√]

   If yes, Name of the agency ………………………. And

   Date of recognition: ……………………………… (dd/mm/yyyy)

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

Location * Urban		Rural Area
Campus area in sq. mts.	81301.42	sq. mts.
Built up area in sq. mts.	15177	sq. mts.

*(*Urban, Semi-urban, Rural, Tribal, Hilly Area, any others specify)*

11. **Facilities available on the campus (Tick the available facility and provide number of other details at appropriate places) or in case the institution has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.**

- **Auditorium/ seminar complex with infrastructural facilities** [✓]

  - Auditorium   -1
  - Seminar Hall   -1

- **Sports facilities**

  - Play ground
  - Swimming pool
  - Gymnasium

√	3
√	1
√	1

- **Hostel**

  - Boys' Hostel

    i.   Number of Hostels

    ii. Number of inmates

    iii. Facilities (mention available facilities)

01
60
✓

      - 20 Rooms
      - Electricity
      - Drinking Water
      - Running Water
      - Dining Hall
      - Common Toilet
      - Recreation (TV)
      - Indoor Sports
      - Newspapers
      - Field for Outdoor Games

  - Girls' Hostel

    i. Number of Hostels

    ii. Number of inmates

01
52
✓

       iii.   Facilities (mention available facilities)

- Seventeen Rooms
- Electricity
- Running Water
- Dining Hall
- Recreation (TV)
- Indoor Sports
- Newspapers
- Field for Outdoor Games
- Recreation Room

- Working Women's Hostel   -   Nil

    i.   Number of inmates

    ii.   Facilities (mention available facilities)

x
x

- Residential facilities for teaching and non-teaching staff

(give number available – cadre wise)

- Cafeteria –
- Health Centre

Teaching Staff Quarters	04
√	1
√	1

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance Health Centre Staff –

Qualifies Doctor	Full time	X	Part time	√
Qualifies Nurse	Full time	X	Part time	X

- Facilities like banking, post office, book shops

√ Andhra Bank	X	√

- Transport facilities to cater to the needs of students and staff — NO

- Animal house — NO

- Biological waste disposal — NO

- Generator or other facility for management/ regulation of electricity and voltage — YES

Generator – 3 Capacity: 30 x 3= 90 KVA	Voltage Stabilizer	Transformer

- Solid waste management facility | Yes |

- Waste water management | Yes |

- Water harvesting | Pond - 1 |

- Garden | Yes | 3 |

- Solar Light | Yes | 10 |

   | Yes | - |

- Book Bank

- Cycle Stand | Yes | 01 |

- Cold Purifies Drinking Water | Yes | 05 |

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

Sl. No	Programme Level	Name Of The Programme/ Course	Duration	Entry Qualification	Medium Of Instruction	Sanctioned/ Approved Student Strength	No. Of Students Admitted
1	Under Graduate	B.A. Hons. In Bengali	3 Years	H.S. Passed with 45% marks in aggregate	Bengali	126	125
2		B.A. Hons. In English	3 Years		English	198	98
		B.A. Hons in Hindi	3 Years		Hindi	89	40
3		B.A. Hons. In Sanskrit	3 Years		Bengali & Sanskrit	89	63
4		B.A. Hons. In History	3 Years		Bengali & English	105	91
5		B.A. Hons. In Political Science	3 Years		Bengali & English	112	68
6		B.A. Hons. In Philosophy	3 Years		Bengali & English	98	58
7		B.A. Hons. In Economics	3 Years		Bengali & English	81	04
8		B.A. Hons. In Geography	3 Years		Bengali & English	59	59
11		B.Com. Hons. in Accountancy	3 Years		Bengali & English	164	155
12		B.Sc Hons in Physics	3 years		Bengali & English	74	74
13		B.Sc Hons in Chemistry	3 years		Bengali & English	67	67
14		B.Sc Hons in Mathematics	3 years		Bengali & English	105	92
15		B.Sc Hons in	3 years		Bengali &	53	52

		Zoology			English		
16		B.Sc Hons in Botany	3 years		Bengali & English	31	31
12		B.A. General	3 Years		Bengali & English	672	607
13		B.Com. General	3 Years		Bengali & English	50	50
14		B.Sc. General	3 Years		Bengali & English	45	70
15	Post-Graduate	M.A. in Bengali	4 Semester	B.A.Hons. in Bengali	Bengali	55	57

13.   Does the college offer self-financed Programmes?

Yes | √ | | | No, If yes, how many? | 2 |

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

Yes		No	√	Number	Nil

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

Faculty	Departments (e.g. Physics, Botany, History etc.)	UG	PG	Research
Science	Physics, Chemistry, Mathematics, Zoology, Botany, Physiology	✓		
Arts	Bengali, English, Hindi, Sanskrit, History, Political Science, Philosophy, Economics, Geography, Sociology, Physical Education	✓		
Commerce	Accounting	✓		
Arts	Bengali		√	

16. Number of Programmes offered under
(Programme means a degree course like B.A./ B.Sc./ B.Com…)

15
1

a. Annual System   x

b. Semester System

c. Trimester System

17. **Number of Programmes with**

a. Choice Based Credit System   X

b. Inter/ Multidisciplinary Approach   X

c. Any other (specify and provide details)   X

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

Yes ☐   No √

If Yes,

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

b. NCTE recognition details (if applicable)

Notification No.: …………………….......

Date: ……………………… (dd/mm/yyyy)

Validity: …………………..

c. Is the institution opting for assessment and accreditation of Teacher education
Programme separately?
Yes ☐   No ☐

19. **Does the college offer UG or PG programme in Physical Education? It is one of the
combination subjects in B.A. in Arts Course.**

Yes ☐   No ☐

If Yes,

a. Year of Introduction of the programme(s) : 2007 -08 session
and number of batches that completed the programme   6

b. NCTE recognition details (if applicable)   N.A.

Notification No.: ……………………………

Date: …………………………(dd/mm/yyyy)

Validity: …………………………………..

c. Is the Institution opting for assessment and accreditation for Physical Education Programme separately?

Yes [ ]   No [√]

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

Position	Teaching faculty						Non-teaching		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/ University/State Government Recruited	NIL	NIL	16	6	20	04	09	-	16	2
Yet to recruit	NIL	NIL	NIL	NIL	20		8		9	
Sanctioned by the Management/ society or other authorized bodies recruited	NIL	NIL	NIL	NIL	35	23	2	1	11	1
Yet to recruit	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

*M-Male,   *F-Female*

21. 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.	-	-	-	-	-	-	-
Ph.D.	-	-	09	02	06	03	20
M.Phil.	-	-	01	01	02	01	05
PG	-	-	06	03	12	-	21
Temporary Teachers							
Ph.D.	-	-	-	-	-	01	01
M.Phil.	-	-	-	-	02	-	02
PG	-	-	-	-	19	12	31
Govt. Approved Part-time Teachers							
Ph.D.	-	-	-	-	01	-	01
M.Phil.	-	-	-	-	02	03	05
PG	-	-	-	-	11	7	18

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

| 40 |

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

Categories	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	54	41	117	75	125	63	120	55
ST	117	76	57	38	48	47	57	46
OBC	32	27	42	23	57	36	93	48
General	640	564	666	550	777	505	662	577
Total	843	708	882	686	1007	651	932	726

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

Type of Students	UG	PG	M.Phil	Ph.D.	Total
Students from the same state where the college is located	3683	111	-	-	-
Students from other state in India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	3683	111	-	-	-

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

UG | 3.5 | PG | 5.5 |

26. Unit Cost of Education
(Unit Cost=total annual recurring expenditure (actual) divided by total Number of students enrolled)

(a) Including the salary component | Rs.17, 412/- |

(b) Excluding the salary component | Rs. 2,665/- |

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

Yes | | No | √ |

If Yes,

(a) Is it a registered centre for offering distance education programmes of another University?

Yes ☐   No ☐

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

[   ]

(c) Number of programme offered

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

Yes ☐   No ☐

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

B.A.   :   01:42
B.Sc.   :   01:22
B.Com.   :   01:65
M.A.   :   01:11

29. Is the college applying for

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

Re-Assessment: ☐

30. Date of accreditation* (applicable for Cycle2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: **31/03/2007**

Accreditation Outcome/ Result :   **B+**

Cycle 2: …………………….. (DD/MM/YYYY)

Accreditation Outcome/ Result: …………….

Cycle 3: …………………….. (DD/MM/YYYY)

Accreditation Outcome/ Result: …………….

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

31. Number of the working days during the last academic year.   **256** days

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

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

198 days

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

   IQAC Established on - 27/09/2007 and restructured on **05/09/2013.**

34. **Details regarding submission of Annual Quality Reports** (AQAR) TO NAAC.

AQAR	(i)	2014-2015	31/03/2016
AQAR	(ii)	2013-2014	31/03/2016
AQAR	(iii)	2012-2013	31/03/2016
AQAR	(iv)	2011-2012	31/03/2016

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

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2.1 Criteria - wise Inputs

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

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

Kharagpur College, Inda is situated in an urban area beside the Orissa Trunk Road and is approximately 2.5 km away from Kharagpur railway station and 2.5 km away from Kolkata-Mumbai National Highway. This great advantage of communication helps students from remote villages to attend classes.

Hence the primary objective of the college has been to cater to the need of Higher Education for the people of this belt. The college has developed into a vast academic institution of learning and stands singularly as one in a cosmopolitan ambience. It plays a leading role in human resource power development amongst the colleges affiliated to Vidyasagar University. The institution is devoted to provide quality learning in the fields of Arts, Science, and Commerce. The teachers, students and other staffs of the college are endeavouring their best to create an environment at this institution to build up a solid foundation of personalities through knowledge and perfection in multifarious avenues of life.

The objective and vision of the college are communicated to the students and teachers, staff and other stake holders through its Annual Prospectus as well as through periodic meeting with various stake holders such as Alumni, Parents and Local Administration.

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

The curriculum is designed by the Affiliating University i.e. Vidyasgar University. But to effectively implement the curriculum the teachers and management devise an action plan in the beginning of the session through different Academic Sub-committees.

The different Academic Sub-committees prepare an academic plan for the ensuing session, keeping in mind the academic calendar issued by the parent University. Teaching Departments are advised to prepare lesson plans in accordance with the syllabus. The plan includes not only the syllabus to be covered but also the time for holding internal assessment examinations, seminars and remedial classes for the needy students.

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

The University prescribes the academic calendar at the beginning of the session and at institution level efforts are made for unitization of syllabus and for preparing an action plan for the session.

For improving teaching practices, all the departments are provided with desktop computers with internet and printing, photocopying and scanning facilities. Teachers can also issue books according to their own requisition from the existing library facilities. Plans are being made to expand the library and digitalize it. Projects to provide Wi-Fi facility to the entire campus and smart-classes have already been sanctioned by the college authority. Projects on the construction of swimming-pool and sports complex to introduce an Honours course in Physical education are already underway.

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

The Vidyasagar University obtains inputs from teachers of colleges for devising and revising curriculum keeping in mind of the latest trends, wherein teachers of this college are encouraged to take active part.

At the institutional level periodic reviews through the different Academic Sub-committees are made for effective curriculum delivery and transaction of the curriculum provided by the affiliating University.

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

The teachers of the college are encouraged to maintain constant link with the Board of studies at the University level. At Institutional level teachers are urged to take membership of research bodies of their respective subject and are encouraged to visit libraries of national repute for effective operationalisation of the curriculum. Few Teachers are associated with different academic bodies such as West Bengal Political Science association, Indian Association for Physics Teacher, Plasma Science Society of India, Indian Accounting Association, Bengal Economic Association and Member of North-East ICSSR.

Besides, the college has entered into an agreement with ADS Enterprises, Kolkata and ADAMAS University, Kolkata for carrier counselling. Recently, the college has signed an agreement with Reliance Jio for providing free Wi - Fi services inside the campus.

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

Teachers of all the departments regularly take part in workshops organized by the University for development and revision of curriculum from time to time. Prof. Ranajit Kumar Biswas, Dr. Tapas Kumar Bhattacharya and Dr. Koushik Kumar Ghose are members of the Board of studies of the Post-graduate department of Bengali, Vidyasagar University. Dr. Achintya Chattopadhyay is a member of both UG and PG section of the same. Dr. Bimal Krishna Das was a member of the Board of Studies of Computer Science and Environmental Studies department. Prof. Debashish Aich played an important role in framing the new U.G. syllabus for Physics of Vidyasagar University which has been implemented from the session 2014-15. He has also been acting as a BOS member of the autonomous Medinipore College. Teachers also actively submit feedbacks to the Board of Studies at the University level for improvement of syllabus.

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

The college being affiliated under Vidyasagar University, the curriculum of the courses offered is designed by the affiliating University. Other than that, the institution does not offer any other courses outside the University's curriculum at present.

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

Periodic meetings of the different Academic Sub-committees as well as the sub-committees of Governing body are held in the college to monitor the progress of the curriculum taught by departments. All Heads of Departments are members of the Academic Sub-committee.

1.2 **Academic Flexibility-**

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

The institution does not provide scope for any such courses at present. However plans are being made to introduce courses of this nature shortly.

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

The University does not provide the scope of dual degree. The institution also being affiliated under the same also does not provide a scope for twinning/dual degree at present.

1.2.3   Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

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

The university provides flexibility of choice to students to opt for combination of subjects as general subject along with the Honours subject. The general students have also the flexibility of choosing subject combination. Honours students can choose any two subjects as general option choosing from a particular group and general students can choose their subject choosing one from each group. The details of such options are mentioned in the prospectus of the college.

An example for Honours students is shown in below:

Name of the Honours subject	General subject (any two from the following combination)
Bengali	(a) History/ Sociology (b) Sanskrit (c) Philosophy (d) Political Science

An example for General students is shown in below:

Name of the Honours subject	General subject (any three from the following combinations)
B.A. General (Day Shift)	(a) History/ Sociology/Economics (b) Bengali/Hindi (c) Sanskrit/ Mathematics* (d) Philosophy (e) Political Science (f) English

Mathematics is not allowed with Bengali/Hindi

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

  The institution does not have any choice based credit system at the moment.

- **Courses offered in modular form:**

  No courses in modular form are offered at the moment by the institution.

- **Credit transfer and accumulation facility :**

  Owing to the absence of choice based credit system, the students cannot opt for credit transfer at the moment.

- **Lateral and vertical mobility within and across Programmes and courses:**

  There is no lateral and vertical mobility provided to students in Univerisity curriculum. However, students are at liberty to pursue courses in regular mode and distance mode simultaneously wherever facilities are available as per their convenience.

- **Enrichment courses :**

  Special training is given to the students to prepare for various competitive examine nations such as JAM for Post graduate Studies in IITs and NITs.

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

At present the institution offers three self-financed programmes namely:

1.   M.A in Bengali
2.   B.A and B.Sc in Geography
3.   Physical Education

1.   M.A Bengali

The institution follows the same curriculum and syllabus as has been designed by the parent university. Admission is also done according to the regulations as instructed by the university. The fee structure for the same is approximately Rs.10,000/- per annum. Some of the teachers from outside the Department are as follows:

Name of the teacher	Qualification	Salary
1. Mrs. Lily Halder	M.A, M.Phil	Rs.500/- per class
2. Dr. Amar Saha	M.A, PhD	Rs.500/- per class
3. Debjit Pal	M.A	Rs.500/- per class
4. Dr.Jagmohan Acharya	M.A, PhD	Rs200/- per class
5. Samrat Sengupta	M.A	Do
6. Soumyabrata Sil	M.A	Do
7. Jayanta Kumar Murmu	M.A	Do
8. Santanu Mondal	M.A, M.Phil	Do

(*All of the above teachers mentioned above function as guest-lecturers. They function along with the regular whole-time teachers of the department.*)

2.   B.A/B.Sc Geography

The institution follows the same curriculum and syllabus as has been designed by the parent university. Admission is also done according to the regulations as instructed by the university. Geography Honours with subject combination of Mathematics and Economics has an admission fee of Rs.6145/-. Geography Honours with Arts combination has an admission fees of Rs.6005/-.

The details of the teachers are as follows:

Name and qualification	Designation	Salary
Sandip Tripathy, M.A	Contractual Whole-time teacher (Govt. approved)	Rs. 22470/- Rs.10,800/-
Sharmistha Manna, M.A	Part-time teacher (Govt. approved)	Rs.5000/-
Asish Ghosh, M.A	Guest-Teacher	”
Chayan Chakraborty, M.A	”	”
Nityananda Sar, M.A	”	”
Sourav Chakraborty, M.A	”	

3.   **Physical Education**

Physical Education comes only as a subject in combination with B.A General. The curriculum and admission procedure is the same as instructed by the University. B.A General with the combination of Physical education as a subject has an admission fee of Rs.3755/-.

The details of the teachers are as follows:

Name and qualification	Designation	Salary
Banashree Rout, B.A, B.P.Ed	Part-time teacher (govt. approved)	Rs. 10,800/-
Writam Pradhan, M.A	Guest teacher	Rs. 5,000/-

1.2.5   Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

The college does not provide for any such courses at the moment.

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

The University does not provide flexibility of combining the conventional and distance mode of education, as the University Distance Education Directorate provides only post- graduate studies. However students studying in regular courses are at liberty to study other courses through distance education mode as per their convenience and availability. The institution has a tie-up with Netaji Subhas Open University and thus provides the opportunities for UG, PG and PG diploma studies to various students.

1.3   Curriculum Enrichment-

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

The college has to work within the purview of the curricula for different courses framed by the Boards of Studies of the University. But within that framework, the

college aims to impart such knowledge as may be necessary for the all round development of the character of students thereby making them capable of being better employed and at par with the highly competitive job markets.
Curriculum-Based field-work for the departments of Botany, Zoology, Geography, Anthropology and Physiology and Study tours organized by the departments of Bengali and Economics for enrichment of the curriculum and experiential teaching.
Project based work offered by the departments of Physics, Computer Science, Economics and Commerce.

1.3.2   What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

Representative of various professional bodies are invited to interact with students for grooming them to the needs of dynamic employment market. Seminars and workshops are arranged periodically to groom the students for the present employment market. Campus placements are held in the college to provide jobs to the students even before the completion of their course.

1.3.3   Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

As the institution does not have the freedom to make any alteration in the curriculum prescribed by the University, the institution holds periodic seminar, work shop to sensitise the students to issues such as Gender, Climates change, Environmental Education, Human rights, ITC etc. Besides this, students have to study Environmental Studies as core subject in the final year which covers the subjects. Seminar on women's health and women hygiene are organized every year to address and educate the students in this regard. NSS unit observes International Environment Day every year. It has also observed Swachha Bharat Aviyan and Rashtriya Ekata Diwas. Seminar has also been organized on pertinent issues like 'Save the girl child'.

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

- **Moral and ethical values**

  The moral and ethical values are instilled in the students by holding seminars and workshops. Besides the ambience of the college through its routine activities, students and teacher relationship and the function of the teachers as mentors of students gives scope for students to learn moral and ethical values of discipline, punctuality, love and fellow feeling.

- **Better career options**

  Through the career counselling cell the students are guided and informed about the various career options available to them. The students are also advised for various competitive examinations and alternative career options by organizations like RICE, ARENA and BRAINWARE. Industrial Training Programme is organized every year by the commerce department to make the students aware of the present market. Campus recruitments have been organised by renowned organizations such as Concentric and Techno India and bodies like IIT, Mumbai and Indian Air Force to provide placements to outgoing students.

- **Community orientation**

  Seminar on Consumer Affairs has been organized by the college to increase awareness among the staffs and students alike. The NSS units provide scope to the students for community orientation, and students are taken to adopted villages to involve themselves with community works. Camps have also been organized by the NSS unit on Eye Check Up and First Aid training. Besides an annual blood donation camp is also organized on the occasion of the College Foundation Day.

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

  Feedback from students and other stakeholder are obtained periodically and the findings are discussed and analysed in the departmental meeting and the Academic Sub-committee meetings to take necessary corrective measures for enriching the teaching learning process of the curriculum.

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

  The students enrichment programmes have the system of evaluation and obtaining feedback from students and stakeholders for ensuring the quality of these programme.

1.4 Feedback System

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

Teachers of the college take active part in workshops organized by the University for Designing and development of curriculum. Teachers of the college are also members of Boards of Studies of the respective subjects, at the University level.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

The U.G. and P.G. curricula of colleges under V.U. are framed by University Board of Study and not in college level.

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

No new courses have been introduced by the college in the past few years. However, the college plans to introduce Honours courses in Physiology, Sociology and Physical education very soon. The College also has plans to introduce a Post-graduate course in English shortly.

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CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1   Student Enrollment and Profile-

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

Publicity: Immediately after the publication of (10+2) level results the details of admission process incorporating the dates of availability and submission of application form, eligibility criteria, intake capacity, admission rules, date of publication of merit list, dates of admission, dates of counselling and other information related to admission are made available in the website of the college. The same is also displayed in the notice boards and notice books of the college.

Transparency: Students are admitted strictly on the basis of the merit. The merit list is prepared following the guidelines of Vidyasagar University, reservation policy of the government, and the recommendations of the admission committee. The admission committee of the college consists of the Principal/ Teacher-In-Charge, all Heads of the departments, Secretary of the Teachers' council and representatives from students and non-teaching staff members. Complying with the reservation policy a category wise merit list is uploaded in the college website and displayed in the college notice board as well. At the time of admission students are provided with a prospectus which among the other information describes the significant features of the college, academic departments, intake capacities of various departments, courses offered, subject combinations, fees structure and faculty profile. When the number of applications is very high admission is done through counselling.

For counselling the number of candidates called in many cases three times of seat capacity in the concerned category. If any vacancy remains after first phase of admission, the candidates from the waiting list are called for second phase of counselling. The merit lists of the subsequent phases are duly notified. During the period of admission which spans nearly one and half months, if any candidate wants to withdraw admission he or she is allowed to take TC and vacancy so created is filled up from the waiting candidates. From the session 2015-16 the process of admission has been made online for convenience and total transparency.

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

The college has UG programme in B.A, B.Sc & B.Com and PG in Bengali.

PG programme:

Sixty percent seats are filled by the Vidyasagar University students selected on the basis of marks secured in the B.A examination. The rest 40% seats are open to all applicants for which an admission test is conducted by the college.

UG programme: The process of selection of students is completely based on merit.

a)   **Eligibility for honours course**

i)   Must secure pass marks in two language subjects one of which must be English in (10+2) level.

ii)   Minimum 45% marks in aggregate and 50 % marks in the subject or related subject in which honours is sought.

iii)   For Economics and Accountancy honours candidates must secure at least 45% marks in Mathematics in Madhyamik /equivalent examination or must pass in Mathematics in (10+2) level.

b)   **Eligibility for general course**

i)   Must secure pass marks in two language subjects one of which must be English in (10+2) level.

ii)   Must secure pass marks (30%) in five subjects in (10+2) level.

iii)   Candidates studied in Vocational Course in (10+2) level are eligible for General Course only.

c)   **Merit point for honours course**

Merit point   = 10 % of the sum of best five marks in (10+2) level + marks obtained in the subject or related subject in which honours is sought.

d)   **Merit point for general course**

Merit point   = Sum of best five marks secured in (10+2) level.

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

Subject	Kharagpur College		Belda College		PK College Contai		Egra College	
	Max	Min	Max	Min	Max	Min	Max	Min
BENG H (UG)	76	52	88	51	84	60	80	39
ENG H	84	65	84	48	88	60	84.6	47
HINDI H	76	44	-	-	-	-	-	-
HIST H	80	55	81	51	92	50	75.4	49.2
POLSC H	77	55	72	50	83	40	62.2	52.4
PHIL H	73	55	88	50	70	50	73	48
SAN H	74	61	84	50	92	50	78.2	41.4
GEO H	77	65	93	54	90	72	74.8	45.4
ECO H	80	62	75	55	60	50	-	-
PHYS H	92	86	88	58	90	76	86.2	46.8
CHEM H	88	84	84	55	95	74	80.4	47.2
MATH H	84	80	88	59	95	72	86.2	47.2
ZOOL H	73	62	92	58	90	75	81	45.4
BOT H	75	63	90	63	85	70	78.6	47
COMMERCE (H)	85	50	84	50	80	60	80.2	47

2.1.4 **Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?**

In order to upgrade the admission process and student profile every year Admission Committee convene a number of meetings in which feedback and suggestions from Heads of all the departments and other sections are collected and thoroughly analysed. Based on the experience of previous years necessary amendments in the process of admission are made. For example, the method of counselling, in cases of

high demand, has been introduced in recent years to make the admission process faster and to draw good quality students. It is worth mentioning that in this respect our college is pioneer in the neighbourhood. As many candidates as three times the intake capacity is called for counselling such that prospective students are not

refused to be admitted. It is observed that in some subjects seats in the reserved category are not filled up even after second or third phase of admission. With due permission from the university admission committee recommends these seats to be filled from general category students.

Earlier merit lists were prepared by the respective departments either manually or with the help of commonly available software. Since the session 2015-16 college has developed its own software which enables a candidate to enter their own marks and other relevant data related to admission and submit the application form online. The software automatically generates merit list which is practically free from errors. The admission process being fully computerized candidates get the privilege to view their merit position, dates and times of various events of admission in the college website.

Subjects in which there is relatively less number of applicants in those departments direct admission process has been introduced.

Certain percentages of seats are reserved as sports quota for the candidates having Physical Education as combination subject. This aspect is dealt with care to encourage pupil in games and sports.

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

The institution does not make any distinction with respect to caste and creed. Access from all sections of society is ascertained by strictly adhering to the reservation policy of the government keeping in view the national commitment to diversity and inclusion. Merit list for admission is prepared as per the stipulated percentage of seats reserved for various categories.

SC	:	22% of total seats
ST	:	6% of total seats
OBC (A)	:	4% of total seats
OBC (B)	:	3% of total seats
Differently-abled	:	3 % in each category

Women: There is no reserved seat for women, however, there is pretty good number of women enrolment in the college. In order to foster women enrolment a hostel for women has been built recently.

Economically weaker students: There is no reservation for this section of students. Keeping in view of the economic aspect of students 10% of the total students are awarded either full or half free studentship.

Minority community: There is no special seat reserved for this community of students.

Any other: To the student of all sections the college authority sincerely extends all sorts of support to avail scholarship/stipend under various government schemes.

2.1.6 **Provide the following details for various programmes offered by the institution during the last four years and comment on the trends, i.e. reasons for increase/decrease and actions initiated for improvement.**

Subject	Session	No of Application Received	Admitted	Demand Ratio
BENG(PG)	2011-12	54*	54	1:1
	2012-13	55*	55	1:1
	2013-14	55*	55	1:1
	2014-15	346	56	6:1
BENG H (UG)	2011-12	604	90	7:1
	2012-13	619	102	6:1
	2013-14	650	104	6.3:1
	2014-15	675	112	6.0:1
ENG H	2011-12	572	69	8.3:1
	2012-13	504	78	6.5:1
	2013-14	604	79	7.7:1
	2014-15	625	86	7.3:1
HINDI H	2011-12	59	40	1.5:1
	2012-13	49	33	1.5:1
	2013-14	51	29	1.8:1
	2014-15	55	24	2.3:1
SAN H	2011-12	443	65	6.9:1
	2012-13	462	71	6.5:1
	2013-14	487	72	6.8:1
	2014-15	524	67	7.8:1

HIST H	2011-12	145	70	2.1:1
	2012-13	197	81	2.4:1
	2013-14	224	86	2.6:1
	2014-15	215	71	3.3:1
POL SC H	2011-12	58	38	1.5:1
	2012-13	41	38	1.1:1
	2013-14	64	21	3.5:1
	2014-15	77	39	2.0:1
PHIL H	2011-12	85	46	1.9:1
	2012-13	55	36	1.5:1
	2013-14	64	18	3.5:1
	2014-15	98	34	2.9:1
GEO H	2011-12	388	44	8.9:1
	2012-13	421	48	8.8:1
	2013-14	435	49	8.8:1
	2014-15	468	53	8.8:1
ECO H	2011-12	20	11	2:1
	2012-13	12	06	2:1
	2013-14	16	07	2.5:1
	2014-15	46	32	1.5:1
PHYS H	2011-12	419	49	8.6:1
	2012-13	438	56	7.8:1
	2013-14	476	68	7:1
	2014-15	498	65	7.7:1
CHEM H	2011-12	644	43	15:1
	2012-13	593	50	11.9:1
	2013-14	615	54	11.4:1
	2014-15	632	55	11.5:1
MATH H	2011-12	549	73	7.5:1
	2012-13	558	63	8.9:1
	2013-14	578	86	6.7:1
	2014-15	612	86	7.1:1
ZOOL H	2011-12	485	38	12.8:1

	2012-13	472	41	11.5:1
	2013-14	480	41	11.7:1
	2014-15	492	46	10.7:1
BOT H	2011-12	322	21	15.3:1
	2012-13	181	24	7.5:1
	2013-14	196	23	8.5:1
	2014-15	215	28	7.7:1
COMMERECE H	2011-12	325	133	2.4:1
	2012-13	278	175	1.6:1
	2013-14	315	146	2.2:1
	2014-15	256	130	2:1
B.A. (GEN)	2011-12	697	570	1.3:1
	2012-13	684	562	1.2:1
	2013-14	730	655	1.1:1
	2014-15	743	607	1.2:1
B.SC. GEN	2011-12	94	46	2:1
	2012-13	98	54	1.8:1
	2013-14	126	63	2:1
	2014-15	135	65	2.1:1
B.COM. (GEN)	2011-12	65	54	1.2:1
	2012-13	56	42	1.3:1
	2013-14	80	65	1.2:1
	2014-15	126	79	1.6:1

- In these sessions (2011-12, 2012-13, 2013-14); the entire admission process in PG Bengali is conducted by the authority of Vidyasagar University. There actual number of application received is not available.

In most of the departments the demand ratio in recent sessions is reduced. The principal reason for this is the sharp increase of intake capacity in those years without increasing the number of seats for general students.

2.2   Catering to student diversity-

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

i) At the time of admission they are offered 3% seats in each category reserved for them.

ii) Special rooms and assistance are provided when they appear for examinations.

iii) Visually impaired examinees are allowed to take extra 20 min time and an amanuensis.

iv) Other advantages like full/partial exemption of tuition fees are provided and arrangement for concession during travel is made.

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

Needs of the students are assessed based on the past experience of teaching for years to a number of batches. Accordingly some of the measures taken are following:

i) Course curricula are modified through the Board of Studies. Representatives from each department from each college put their suggestions, discuss and analyse the matters to bring forth syllabi relevant to the modern developments.

ii) Class routine and examination policy are changed as per the demand of prevailing situations.

iii) Project work, excursions, field work, remedial classes and extra classes are conducted.

iv) Books as per demand are bought in the library.

v) Laboratories are equipped with proper materials and instruments.

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

Strategies in this regard adopted are:

i) Remedial classes

ii) Revision of selected topics

iii) Extra classes

iv) Recommendation of simplified books

v) Providing simplified study materials

vi) One-to-one counselling

vii) Tutorial classes

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

This aspect of teaching and learning is taken care of through the following manner.

i) Teaching the compulsory paper, 'Environmental Studies' for Arts students and Science students separately each of which carries 50 marks. The syllabi include among other topics ecosystem, natural recourses, environmental pollution and degradation, global environmental problems, environmental protection, public health and human rights.

ii) Holding seminars by invited speakers, teachers and students.

a. Seminar on **"Save the Girl Child"** organized by MAANT (Purulia) Womens' cell and NSS cell of Kharagpur College on 21.02.14.

b. A workshop cum seminar conducted by the NSS and Womens' cell of the college on "Women health & Personal Hygiene" on 23.04.13.

c. Observed **World AIDS Day** on 01.12.2014 by NSS units on the title "KNOW AIDS NO AIDS". The NSS programme officers arranged an interactive session and narrated to the audience the importance of the Day, how to get rid of this deadly disease, preventive measures, the myth & facts associated with AIDS.

iii) Inclusion of women members in GB, different sub-committees and students' union.

iv) Cultural functions organized by TC, students union and by the college administration.

v) The speech of the Principal/Teacher-in-charge in Freshers' welcome and College Foundation Day celebration ceremonies. Students are insisted to maintain peace, tranquillity, decency and congenial atmosphere of a co-educational institution.

vi) Providing accommodation to girls and boys in their respective hostels.

vii) Active participation of the staffs and the students in cleaning college campus with the initiative taken by the NSS units, awareness programmes on health & environment.

a) The college observed SWACHHA BHARAT AVIYAN where the staffs and students spontaneously participated to make the college campus and surrounding area clean.

b) On the World Environment day awareness programmes are conducted by the NSS units.

viii) Plantation is done throughout the year and a special drive is given on the college foundation day every year to make the college campus eco-friendly.

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

Advanced learners are identified from their response in classes and performance in class tests. Some of the endeavours of the institutions to inspire such candidates are mentioned below.

i)   Encouraging to appear for competitive examinations and pursuing higher studies by carrier counselling and providing with good quality study materials, advanced books and suggesting reference books.

ii)   Many departments organize students' seminars and invited lectures by reputed personalities.

iii)   They are given free access to computer and internet facilities of the college.

iv)   Advanced learners are selected for project work involving good degree of innovation.

2.2.6   How does the institute collect, analyse and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may   discontinue their studies if some sort of support is not provided)?

Teachers of the departments very often discuss and analyse about the attendance and academic performance of the students. Data on the academic performance and attendance of the students are collected from the departmental teachers, records of the results of examinations conducted by the University and sometimes students personally inform to the administration about their poor performance and ask for help.

The overall situation is analysed and they are provided personal counselling by appropriate administrative body/person to give proper direction to solve his/her problem.

Students at the risk of drop out are helped in a variety of ways, after judging the problem, such as financial help from 'Students' Welfare Fund', donating or lending books, informing the parents about the strength and weakness of the ward.

2.3   Teaching-Learning Process

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

The institution follows curriculum prepared by Affiliating University. Before starting of academic session every year, Academic sub-committee, with the participation of Heads of the all departments, charts out general framework of academic work by strictly following Academic calendar produced by affiliating University i.e. Vidyasagar University. At the same time, the routine sub-committee prepares master-routine and sends it to the Heads of all departments for setting up the departmental routines as well as to receive feedback for the system if any. After receiving the academic calendar from University, it is circulated to all Heads of the departments for academic work. Generally after setting up the routines, all Heads of the departments call departmental meeting to discuss about the distribution of syllabus among the teachers and advises to all the teachers to prepare lesson plans about teaching his portion within stipulated time. About the references on any topic any individual teacher has his own choice and sometime the references rarely available, are given in the form of notes.

Generally, all the academic workload is divided into three terms as follows. In the session of first term, from July to October, admission, registration, internal assessment exams, cultural events are performed. In the second term, November and December, internal assessment examinations are conducted. And finally, the third term, since January to June, form fill-up for final exams, circulation of admit cards, holding of University exams are generally done. Needless to say, in all three sessions classes are taken as per routine and teaching plan mentioned above.

To find out progress of a student, internal assessment exams are arranged by the department periodically. Generally, as per University regulation, a student has to appear for two internal assessment exams in Honours subject and one internal assessment exam in General/Pass subject in an academic session. Evaluation of internal assessment scripts are generally done by the departmental teachers. After the examinations, the obtained number are converted into 10 point scale and are sent to University for adding up this number with final marks obtained in the university exams. Those students who are weak in subjects are provided with remedial coaching and extra classes.

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

IQAC has been formed in our college for betterment of learning, equal sharing of knowledge, enhancement of skill following the guidelines prescribed by NAAC. This cell works as an overall advisory body that recommend constantly for the

enhancement of teaching-learning process. The college takes feedback from third year students regarding College infrastructure, teachers, and library facilities every

year. This committee does not implement any ideas, rather recommend suggestions and constantly monitor regular progress.

Recent measures taken as per recommendation of IQAC are as follows:

1. Effective use of ICT in classroom teaching.

2. Modernization and improvement of classrooms.

3. Provision of Audio-visual smart classrooms.

4. Publication of journals by concerned departments under assigned ISSN numbers.

5. Provision of displaying recent important news and innovations in the field by the departments.

6. Holding seminars and conferences.

7. Many eminent professors of different Universities regularly visit concerning departments.

8. Emphasis on practical and applied part of syllabi.

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

We strongly realize that the productive teaching learning process is dependent on three facts e.g. i) Student-teacher interaction ii) Universal participation of students and iii) independent thinking of the students. To achieve the first goal, first of all we take help of traditional mode of teaching process such as using chalk, dusters, home assignment, attention towards individuals etc. Apart from this, we also provide

Interactive learning	i) Classrooms with ICT faculty ii) Sound system for better communication iii) Session in library under teachers' guidance iv) Holding workshops, seminars, quiz, group discussion v) Remedial coaching vi) Counselling in dedicated departmental room. vii) Guided library hours at the departments
Collaborative learning	i) Project works ii) Group discussion

	iii) Educational excursion
	iv) Field survey
	v) Quiz
	vi) Enactment of drama/scene
	vii) Music club
	viii) Drama club
	ix) Wall magazine

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

The college regularly organizes departmental seminars, conferences, quizzes, debates for nurturing of critical thinking among students. Project works are also a part of syllabus that helps students to think out of the box and write project papers on their own. Besides, practical classes also provide a scope for fostering scientific temperament. Outside the academic curriculum, cultural programme are arranged annually; students are encouraged to perform dance, song, participate in quiz, debate, recitation for nurturing creativity. Every year, this college publishes annual Magazine, where students can show their creativity. At the same time, every department regularly publishes wall magazines also with active participation from the students.

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

Provision of technologies and facilities used by faculty for effective teaching are as follows:

- Internet facilities under NME-ICT programme, that is available for faculty members

- LCD and overhead projectors for presentation of subject matter in more advanced way.

- One smart classroom is available for imparting knowledge in efficient way.

- Modern Remote Sensing & GIS (Geographical Information System) lab in geography department, fully capable of advanced analysis of satellite images.

- Photocopy, Print, scan facilities are available broadly for supporting of efficient teaching.

- Green generators are also available to overcome interruptions due to power-failure at the time of classes.

- Some of the relevant NPTEL Lectures are made available to the students.

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

This college regularly organise departmental seminars, conferences with active participation of students. They are encouraged to attain special lectures, extended lectures by eminent professors from different Universities. Faculties are allowed to attain orientation course, refreshers course. They also are allowed to visit and present paper on conference, seminar, and workshop in other institutions. Many faculties are actively engaged in Minor Research Projects. Central library of the college is also a reliable source of gaining advanced knowledge.

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

Numerous numbers of academic, personal as well as psycho-social support programme organised by college authority are helping to strong the bond between students and teachers. In terms of academic point of view, every student is provided with best advices from the senior faculties and college staffs. They (especially final year students) are also given scopes to appear on interviews for placement. At the same time, faculties are always ready to help them at the college campus and outside of it. Many faculties help their students by guiding and checking the proofs for different publications.

Faculty members are personally available even after the class sessions. Many students get help from teachers for their academic needs like borrowing books and even financial support. College authority also waives tuition fee for the students who come from economically deprived families.

In terms of psycho-social support, faculty members help the students to grow in a more socialized environment. They always watch for any abnormal behaviour from the students. If anyone found, they try their best to help him/her out of the crisis. If needed they are convinced to meet up a doctor or a counsellor.

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

Several approaches have been taken for the improvement of teaching in time to time. Using of Illustrated charts, maps or pictures is a very fruitful approach that has been used extensively as per subject demands. Recently a smart class has been introduced for the betterment of teaching using audio-visual aids. Using of PowerPoint slides is very common for teachers for making the subject more attractive. Arranging of seminar, conference is a huge platform for students to gain knowledge in a more clear and precise way. At the same time, organising socio-economic survey and field works have showed positive impact on students in terms of acquiring knowledge.

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

The Central library of this college has the stock of approximately 31666 books and journals as well as periodicals. The library has the subscriptions for 3-4 newspapers. All the books and periodicals are extensively available for students as well as for teachers within working hours. Central library remains open from 11 am to 5 pm generally. Proportionate infrastructure and pleasant ambience has been created for encouraging the reading habit in students. Hons. Students are issued with two cards and General students are issued with one card for borrowing books from the library. Apart from that, seminar libraries of every department are also in motion for the specific fulfilment of books for students and faculties.

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

It cannot be denied that sometimes, it is very challenging to complete the curriculum within stipulated time-frame due to some reasons. First of all, at the time of elections, the college is taken by the administration for a long running voting session. That's why the examination procedure and classes get hampered largely. At the situation like that the college tries to arrange more and more extra classes to complete the curriculum. Apart from that, a persistent problem is the lack of full-time teaching staffs. The college tries to overcome this challenge by recruiting Guest Lecturers and arranging departmental special lecture sessions through invitation of eminent speakers/Professors from different Universities.

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

IQAC constantly monitors the progress and quality of the teaching and learning process. Governing body and Principal also keep an eye on it. Regularity of class attendance, internal assessment exams, participation in cultural programmes are closely monitored for the betterment of teaching and learning process. Outgoing Students are asked to give feedback about teaching-learning system. After evaluating the feedback from the students and observation of stakeholders in IQAC, information about the strengths and weaknesses of the departments is gathered. The committee recommends some plans to overcome those weaknesses accordingly.

2.4 Teacher Quality-

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

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	09	02	06	03	20
M.Phil.	-	-	01	01	02	01	05
PG	-	-	06	03	12	-	21

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	

Temporary Teachers							
Ph.D.	-	-	-	-	-	01	01
M. Phil.	-	-	-	-	02	-	02
PG	-	-	-	-	19	12	31
Part-time Teachers							
Ph.D.	-	-	-	-	01	-	01
M.Phil.	-	-	-	-	02	03	05
PG	-	-	-	-	11	07	18

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes / modern   areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

To cope with the increasing number of vacant position of Teachers, the college engages qualified Guest Teachers from time to time and reputed retired faculties are invited to take classes.

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

a)   Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	15
HRD programmes	5
Orientation programmes	8
Staff training conducted by the university	-

Staff training conducted by other institutions	-
Summer / winter schools, workshops, etc.	8

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

Name of the Program	Number
Teaching learning methods/approaches	12
Handling new curriculum	04
Content/knowledge management	×
Selection, development and use of enrichment materials	02
Assessment	01
Cross cutting issues	01
Audio Visual Aids/multimedia	02
OER's	01
Teaching learning material development,	02
Selection and use ITC learning.	×

c) **Percentage of faculty**

Faculty	%
Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	20%
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	80%
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	55%

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

Study leave, Research grants, support for research and academic publication, industrial engagement are in place for Teachers.

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

Four faculties have received awards/recognitions from different National or International bodies for their academic excellencies. As these faculties are specialised in different areas, their expertise have been utilised through taking their opinions in academic decisions in the college.

2.4.6 **Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

2.4.7

Evaluation of Teachers by students was introduced. External peers evaluate teachers performance at the time of promotion through CAS. Anonymous students' feedbacks on teachers are collected and the IQAC members analyse the feedback and suggest appropriate measures to the authority to be taken.

2.5   Evaluation Process and Reforms

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

The stakeholders of the college especially students and faculty are aware of the detail information on evaluation processes through the college prospectus followed by regular notifications displayed in the departmental notice boards, students notice boards. The faculty members of the college are provided with the academic calendars and latest guidelines and circulars from the affiliating university through notifications in the notice book in the teachers' common room. According to the university circulars the Examination subcommittee and heads of the department fix up the schedule for the internal assessment examination. Students are informed with the format of questions and the portion of syllabus by their departmental teachers during class hours.

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

A major evaluation reform of the affiliating university has been adopted by the college in the academic year 2006-07 where the 3-Tiers (1+1+1) examination pattern has been introduced by replacing that of the 2-Tiers (2+1) for three years degree course held at the end of each academic year. Along with it, compulsory Internal Assessment examination of marks 10 per each paper of the subject has been introduced by the university. The marks scored by students in Internal Assessment examination are aggregated in their university final results.
There is no provision as such for the college to take any initiative for evaluation reforms except giving some proposal to the University in order to help the authorities to reshape the system. The college authority develops its own mechanism for the most effective implementation of such reforms within the framework of the university guideline.

For Postgraduate (PG) studies, the examination pattern is based on semester system comprised with two semesters per academic year for 2 years PG degree. Earlier the Controller of Examinations, Board of Studies of the affiliating University used to conduct the final examination for PG studies, however recently from the current academic year the PG Departments have been given the Autonomy for conducting the same. Regarding Internal Assessments, the similar method mentioned above is adopted for each paper in each semester.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

The college administration strictly follows the University guideline and circulars for implementing the evaluation reforms effectively by forming the University Examination sub-committee for smooth conduction of University final examination. The Heads of the departments frame the schedule for Internal Assessments for the Honours papers whereas for the general papers the same to be scheduled and conducted centrally by the Examination sub-committee. Students' attendance and punctuality in attending classes are monitored on monthly basis in order to fulfil their eligibility criteria to be allowed for examination.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

The approach towards formative assessment of students emerges in the process of teaching-learning. These are made by the teachers on a daily basis as a part of their teaching technique by giving class assignments as well as home assignments, arranging special class tests, adopting the method of group discussion, holding seminar on the given topic.

The summative assessment of students is done at the end of each term/semester by conducting the Internal Assessment examination as per guidelines of the University.

- *Examples of positive impact:*

Performance of the students in their University examination is becoming gradually more. Apart from many first class holders from the college, some of them achieved merit positions in PART-I, PART-II, and PART-III examination. The following table depicts students' merit positions in PART-III examination only.

Degree (Subject)	(Only first three positions considered)			
	2011-12	2012-13	2013-14	2014-15
B. A. (Honours) in Hindi	1st, 2nd, 3rd	1st, 2nd, 3rd	1st, 2nd, 3rd	1st, 2nd, 3rd
B. A. (Honours) in Economics	1st	2nd	---	---
B. A. (Honours) in Sanskrit	1st	3rd	2nd	--
B. Com. (Hons.) in Accountancy	1st, 3rd	2nd	2nd, 3rd	1st, 2nd

2.5.5 **Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioural aspects, independent learning, communication skills etc.**

Keeping in view that the Internal Assessment marks are part of the final result of university examination, due weightage and rigor is given to the internal assessment examination. The college follows University norms and maintains strict rigor and transparency in the process of holding these tests. The marks scored by the students are added to the marks secured in the final examination.

The initiatives taken by monitoring students' attendance and debarring the irregular students from appearing internal assessment test, have improved significantly students' attendance and regularity in attending classes.

The college always encourages and facilitates its students to participate in different co-curricular activities at college level, University level, state level and national level. The weightages in terms of certificates, prizes, medals, are assigned for their overall performance based on these activities.

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

The eligibility criteria of students to appear in both University final examination and college internal assessment examination, is based on their attendance in the class. Besides this, for the overall development of the students, certain attributes such as regularity and punctuality, discipline in the college campus and participation in co-curricular activities at the college level and the University level, state level, national level have been specified by the college on its own. The college strives to make its students knowledgeable, honest, creative and responsible citizens of the nation. Such endeavours of the college have been reflected in getting selected a good number of students for jobs in campus recruitments through Career guidance cell of the college and in its valued alumni and their achievements.

Regularity and punctuality of the students are ensured by monitoring their attendance in each class and making them cautious to maintain the same. The college felicitates with awards and medals to its best students every year for excellent performances in academic fields, Games & Sports, NCC, NSS and other co-curricular activities on college Foundation Day celebration ceremony.

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

There is a grievance redressal cell in the college through which the students may approach with their grievances. Besides this the students may directly approach the Head of the department with their grievances regarding evaluation of their internal assessment. There is a well-defined grievance redressal mechanism with reference to evaluation of students like scrutiny or re-examination and self-inspection of photocopy of their evaluated answer scripts under RTI Act at the University Level.

2.6.   Student performance and Learning Outcomes

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

The college has clearly stated learning outcome of its students in its goal and objectives such as proficiency in the chosen subjects, computer literacy, and competency in spoken English, competency in handling jobs in practical life and above all developing values to become a good human being.

The outcomes are stated in the college prospectus and website in the mission statement of the college.

Moreover students and staff are regularly scrutinized and policies are adopted to hold seminar, workshop and extend lecture to achieve the outcome.

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

Each teaching department of the college, maintain the progress and performance of the students of the department by maintaining register. Periodic departmental meetings are held to review the progress and students are informed of the outcome.

At the institutional level students performance in examination and the progression are analysed and discussed in the Academic sub-Committee meetings.

Process	Strategies
Teaching Learning	Lesson planning, Unitization of syllabus, Mentoring, Library services, Up gradation, Individual up gradation
Assessment	Internal assessment in the form of Unit test, Home assignment, Practice Test

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

Whereas the assessment process is structured following University norms, the teaching, learning process is structured through lesson planning and unitization of syllabus with an objective of making teaching learning process more meaningful to achieve the stated outcome.

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

To make a bright future of the students the college takes initiatives to organize industrial training, campus interviews, career guidance programs almost in every year. For instance, Concentrix, Kolkata, Techno India, Kolkata visited and recruited some of our final year students in the recent past. We have also entered into agreements with some of the reputed enterprises like "ADS Enterprise", ADAMAS UNIVERSITY for career advancements of the students and with Reliance Jio to install Wi-Fi cables in the college campus which will be freely accessible for college authority and students. To flourish the research aptitudes among the students; the college is always in favour of educational tour of different departments every year. This will be helpful to get an exposure and develop interest in their fields as well.

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

The department maintain the students performance and learning outcome data of the students and on the basis of the data analysis, plan is prepared for addressing the problems.

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

The institution maintain the activities of learning outcome of its students through departmental data base and ensure through periodic reviews at the Academic Sub-Committee and Teachers' Council meetings, where necessary steps are suggested and the authority take the steps.

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

The institution uses the assessment/evaluation outcome as an indicator for evaluating students performance and prepares its academic planning accordingly.

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

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CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

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

No

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

The Institution has a research committee to monitor and address the issues of research in the college. It is comprised of the Principal as Chairman and senior faculties with research background as members. The Committee periodically meets to identify areas of research and promote them among the young teachers as well as scrutinize proposals of teachers for forwarding them to concerned authorities for approval of major and minor research projects. . Besides it plays a crucial role in encouraging teacher to take up research works and publish in esteemed journals. It also encourages to bring out the Departmental journals/Magazines.

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

- **autonomy to the principal investigator**

  Complete autonomy is given to Principal Investigator to conduct Research work.

- **timely availability or release of resources**

  The Research funds obtained by the Investigators are timely released to them for unhampered research activity.

- **adequate infrastructure and human resources**

  Infrastructure facility such as library resources and ICT support is extended to the researchers.

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

  Special study leave is granted to researchers for collecting research materials. Duty leave is granted for presenting a paper in national, international or state level conferences/seminars and attending workshops related to the research areas.

- **support in terms of technology and information needs**

  ICT facilities provided for information needs of the researches

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

   Logistics support is provided to the Investigator for timely auditing and submission of utilization certificate to the funding authorities.

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

Faculties are advised to include project works in the Teaching learning practice so that students could develop research culture and aptitude. Students are sometimes included in research, survey and excavation projects. Student researchers do project works as part of their curriculum. Humanities and Social Sciences departments individual thinking is encouraged through regular practice of writing.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

Teachers are pursuing research activities in the three respective ways:

a) individual Doctoral works   b) Individual published research projects and

c) Major and Minor research projects.

a)   Individual Doctoral works:
     Sixteen (16) Teachers are currently pursuing Ph.D. projects.

b)   Individual published research projects

The details of the teachers who have published research works in different Journals and books and as complete book projects between 2011-2015 session are given below.

Name of the Department	Number of Publications
Bengali (PG and UG)	30 Articles 5 Books
English	24 Articles
Hindi	37 Articles 3 Books
Sanskrit	23 Articles 1 Book
Chemistry	34 Articles 1Book
Commerce	3 Articles 1 Book
Economics	17 Articles
Geography	5 Articles 1 Book
History	3 Articles
Mathematics	18 Article 1 Book
Physics	14 Articles 3 Books
Political Science	7 Articles

c) Following projects are undertaken by the different departments of the College:

Physics:

1. Dr. Jyotirmoy Pramanik completed a research project entitled "Study of low frequency waves and nonlinear dynamics in dusty plasmas" funded by DST during 2012-2015; total grants received is Rs. 29,72,859/-.

2. Dr. Pramanik also completed a BRFST funded project as co-investigator at Dept. of Physics, Jadavpur University during 2010-2014. Total sanctioned amount: Rs. 46,94,000/-.

Chemistry:

1. Dr. Dola Pahari pursuing a UGC sponsored Minor Research Project entitled "Development and Application of abinitio theory: the Easy way"; from

03/08/2011 – present, funds allocated 1.53 lacs.

Mathematics:

1. Dr. Sangita Chakraborty has completed an UGC Sponsored Minor Research Project entitled "*Nonlinear wave radiation forces on floating bodies undergoing forced periodic sway oscillation*"; funds allocated 71000/-.

History:

1. Dr. Rekha Dutta completed One Minor Research Project entitled " Unmukta Arthanitir Prekshite Junglemahal: Adibasi Mahila Samaj" during 25/05/2012 to August, 2015 of sanctioned amount Rs. 1,33000/- funded by UGC.

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

The Following Workshops have been conducted by the college in respective departments:

1. One UGC Sponsored State Level Three-day Workshop on " **C- Language & Its Application**" organized by the Department of Mathematics, Kharagpur College In Collaboration with Paschim Medinipur District Committee, WBCUTA, was held on 28-30th March, 2012 at Kharagpur College.

2. Department of Physics organized a DST Sponsored "ONE DAY WORKSHOP ON PLASMA AND ITS APPLICATION" (18/12/2012).

3. Industrial Training Programme organized by Department of Commerce in 2012, 2014 and 2015.

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

The details of Expertise available with the institution and prioritized research areas are given below department wise:

Name of the Department	Areas of Research/Expertise
Bengali	Drama, Modern Bengali Fiction, Folk-Culture, Medieval Bengali Literature, Linguistic.

English	Indian Literature in English, Literary Theory, Cultural Studies and Modern Fiction, New Literatures and Shakespeare Studies, Post 50s British Literature, Indian Literature
Hindi	JOURNALISM, HINDI PATRAKARITA, Nirala
Sanskrit	Veda, Veda Grammar, Kavya, Nataka,
Chemistry	Inorganic Chemistry, Organic Chemistry, Inorganic Chemistry, Industrial Chemistry
Commerce	Marketing and Finance, Accounting and Finance, Cost Accounting
Economics	Agricultural/Rural Economics and Econometrics, Statistics, International Trade, Consumer behavior in India.
History	History of Africa, History of Modern India, History of Modern Europe
Mathematics	Oceanography and Meteorology, Computational Fluid Dynamics, Mathematical Logic, Fuzzy Topology
Physics	Nanoscience and Nanotechnology, Plasma Physics , Experimental Condensed Matter Physics, Low temperature Physics
Political Science	Indian Coalition Politics Look East Policy, Food Security and Public Distribution System, Forest Right Act in WB.

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

Sl. No.	Name	Qualification	Designation
01	Prof. Asoke (Bitoshoke) Bhattacharya	M.A.	Associate Professor, Midnapore College
02	Dr. Animesh Kanti Pal	M.A, PhD.	Associate Professor, Midnapore College
03	Dr.Kinkar Das	M.A., PhD	Associate Professor, Suisha College

04	Dr. Subikash Jana	M.A, PhD, D.Lit.	Principal, Hijli College
05	Dr.Apu Das	M.A, PhD.	Associate Professor, Panskura College
06	Swami Tyagarupananda	-----	Principal, Ramakrishna Mission Vidyamandira
07	Dr. S.C. Panigrahi	M.A, PhD	Professor, Utkal University
08	Dr. Tapan Kumar Chakrabarti	M.A, PhD	Formerly Professor, JadavpurUniversity
09	Dr. Tapan Kumar De	M.A, PhD	Reader, Vidyasagar University
10	Professor Gopal Krishna Dash	M.A, MPhil, PhD	Professor in Utkal University
11.	Professor Prafulla K Mishra	M.A., MPhil, PhD	Professor in Utkal University
12.	Professor Gopal Mishra	M.A, PhD	Professor RBU
13.	Dr. Harekrishna Mishara	M.A., MPhil, PhD	Visva Bharati, Shantiniketana
14.	Dr. Bhabasankar Mukherjee	M.A, PhD	Sabang Sajanikanta Mahavidyalaya
15.	Dr. Bratati Mukherjee	M.A, PhD	Midnapore College
16.	Dr. Amal Bhattacharya	M.A, PhD	Pingla, College
17.	Professor Sayan Kar	PhD	Professor, IIT Kharagpur
18.	Dr. Kuntal Chatterjee	PhD	Assistant professor, Vidyasagar University
19.	Dr. Satyajit Saha	PhD	Associate Professor, Vidyasagar University
20.	Professor Ajay Kumar Misra	M.Sc. PhD	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University
21.	Professor Braja Gopal Bag	M.Sc. PhD	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University
22.	Prof. Kumar B Das	PhD	V.C. Fakir Mohan University
23.	Dr. A. Gupta	PhD	Vidyasagar University
24.	Dr. Pulak Mishra	PhD	IIT, Kharagpur
25.	Dr. Asish Kumar Saw	PhD	University of Calcutta
26.	Dr. K.C. Pal	PhD	Vidyasagar University

27.	Dr. Dipti Chakraborty	PhD	University of Calcutta
28.	Prof. Manoranjan Maiti	M.Sc., PhD	Formerly Protem Vice-Chancellor and Head, Dept. of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
29.	Dr. Madhumangal Pal	M.Sc., Ph.D.	Professor, Dept. of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
30.	Dr. Soumyakanti Ghosh	Ph.D.	Professor, Dept. Of Computer Science & Engg. I.I.T. Kharagpur
31.	Dr. Shyamal Mondal	M.Sc., Ph.D.	Associate Professor, Dept. Of Applied Mathematics with Oceanology & Computer Programming , Vidyasagar University
32.	Dr. Keshab Bhattacharya	M.Sc., Ph.D.	Professor, Dept. Of Electrical Engineering, Jadavpur University
33.	Sri. Sunil Chandra Mallik	M. Tech.	Director, Computer Centre, Vidyasagar University
34.	Dr. Monimohan Mandal	M.Sc., Ph.D.	Associate Professor, Dept. Of Mathematics, Midnapore College, Midnapore
35.	Dr. Ashoke Kr. Bhunia	M.Sc., Ph.D.	Reader in Mathematics, Burdwan University
36.	Prof. Debnarayan Sarkar	PhD	Centre for Economics Studies, Presidency University
37.	Prof. Purnendu Sekhar Das	PhD	Dept. of Humanities, IIT Kharagpur
38.	Prof. Debasish Mondal	M.A., M. Phil	Dept. Of Economics with Rural Development, Vidyasagar University

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

   NIL

• **Provide details of the initiatives taken up by the institution in creating**

awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

The college provides seed money to staff to take up the projects for research on local issues and these findings are uploaded in college websites.

3.2 Resource Mobilization for Research

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

No separate budget from college funds is allotted for research as the college primarily caters to the Undergraduate students. Only basic infrastructures such as rooms, electricity, water etc. are provided by the college. However the grants from Major and Minor research projects of different funding agencies is fully utilized towards research instruments and books. These materials are made available for the other faculties and students for doing research and project works in future.

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

There is a provision in the institution to provide seed money to the faculty for participating in various research activities. The researcher is provided with registration fees, travel expenses, printing research materials and posters to attend and present papers in conferences and seminars as required. Approximately Rs. 40000/- is provided for the purpose in the last four years.

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

Seminar funds collected from students are available to support student research project in terms of project work.

3.2.4   How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research?

Faculties are encouraged to undertake inter disciplinary research activities at Institutional level.

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

The equipments and facilities available in the college are used by respective teaching departments and other departments are allowed to use the resources as per their need.

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

No.

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

Nature of the Project	Duration	Title of the Project	Name of funding agency	Total Grant	
				Sanctioned	Received
Minor Projects	**03/08/2011 to till date**	"Development and Application of abinitio theory: the Easy way" sanctioned to Dr. Dola Pahari, Dept. of Chemistry.	UGC	**1.53 lacs**	**1.35 lacs**
	25/05/2012 to August 2014	"Unmukta Arthanitir Prekshite Junglemahal: Adibasi Mahila Samaj" sanctioned to Dr. Rekha Dutta, Dept. of	UGC	**1.33 lacs**	**96,500/-**

		History.			
	06/08/2009 to Oct 2015	*"Nonlinear wave radiation forces on floating bodies undergoing forced periodic sway oscillation"* sanctioned to Dr. Sangita Chakraborty, Dept. of Mathematics	UGC	82,000/-	71,000/-
Major Project	09/01/2012 to 08/04/2015	"Study of low frequency waves and nonlinear dynamics in dusty plasmas" sanctioned to Dr. Jyotirmoy Pramanik, Dept. of Physics.	DST, New Delhi	34.58 lacs	Rs. 29,72,859/-

3.3   Research Facilities

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

The college offers undergraduate courses and one postgraduate courses in regular mode. Two departments (Bengali and Physics) have research scholars doing Ph.d work at present under the supervision of Dr. Tapas Kumar Bhattacharya, Dept. of Bengali and Dr. Jyotirmoy Pramanik, Dept. of Physics respectively. In Physics department following facilities are available to carry out dusty plasma experimental research work.

1) The complete dusty plasma experimental setup made of SS-304 with pumping and vacuum measuring systems has been installed at the Kharagpur College. It is a cylindrical chamber of 80 cm length and 26 cm in diameter.   Ten ports of 7 cm length and 5 cm diameter are available for feeding gas into chamber, diagnostics,

viewing and pumping etc. Two big axial ports (front and back) of 26 cm diameter are used to illuminate and viewing the dust cloud.

2) The chamber could be pumped down to 1×10^{-5} mbar pressure using rotary and diffusion vacuum pump. After filling the chamber with argon gas or Nitrogen gas at the desired pressure, DC glow discharge plasma was produced via electron impact ionization by applying a potential difference between the constricted anode and the vessel wall (acting as a cathode). It was observed that the potential drops rapidly close to the electrodes while vary gradually in the plasma region. We are using a DC power supply of (O/P: 0-1000 Volts, 3 Amp max) for plasma production.

3) The Langmuir probe curve-tracing facility is available to measure plasma parameters.

4) Dust trapping in the cathode sheath region of the discharge. He - Ne laser, CCD camera, Zoom lens, digital video creator card and display monitor will be used for imaging of the density fluctuations of the dust cloud. The wavelength, frequency

5) and phase velocity of the low frequency oscillations is measured using the image analysis software.

6) Data analysis for various probe characteristics and video images through MATLAB.

7) A variable ON time and OFF time pulsed DC voltage (V_{p-p}) = 10-50 volt launched into the plasma through a wire shaped launcher from a DC pulsing unit. It is used to excite the Dust acoustic wave and Dust acoustic solitary wave keeping fixed On time and varying OFF time. For DAW excitation OFF time kept 50 ms to 500 ms and for DASW excitation OFF time kept 500 ms to 5000 ms. However, if any teacher of the institution or teacher/research scholars of other institution contact the college authority, available resources in the form of library materials and historical documents/artifacts are made available to them. Besides, the college actively help researchers with infrastructure and expert guidance on the local issues.

The Department of Bengali has its own library where apart from books related to UG and PG courses, current published research works are regularly purchased. Apart from that the library also subscribes to important journals and little magazines that may be of help to the researchers and students. The department also regularly organizes fieldwork for the students. It also has its computer and printer to access and print online research materials.

The College regularly purchases reference books for all the departments which would help and encourage students to engage in research activities which are

beyond the immediate syllabus. The library also has a reading room where the students can sit quietly and study.

Computer with internet facility is provided to all the departments to enable the teachers to consult online references to encourage students in research.
Laboratory is provided to the departments of Chemistry, Geography, Botany, Zoology and Computer Science.

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

The institution has limited scope of research in emerging fields. Still some steps are being taken for facilitating research on emerging fields. The library is being equipped with books on new researches and news areas of studies.
The college also allows teachers to utilize the infrastructural facilities for advocacy of positive academic initiatives like Open Access individually.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments / facilities created during the last four years.

Nil.

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

As Vidyasagar University and IIT Kharagpur is situated within 10 km from the college; the students and researchers frequently visits these two institutions for discussion and analyse their sample or research work. In addition some faculties visits Inter University Consortium, Kolkata and Saha Institute of Nuclear Physics and Jadavpur University to carry out their research work.

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

The central library and the departmental libraries contain resources which are available to students and researchers.

The Central Library keeps records of researches on local issues/areas made by teachers of this college and of other institutions. Along with this, research and survey are also made available online through websites. Researchers can access the data for their works.

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

The computer houses ICT facilities for each department. It provides with printer to print and circulate online available research documents and findings among the students. The library regularly upgrades and purchases books which can be used for referencing and research. One Vacuum Chamber for Low Temperature Plasma generation is available in the department of Physics with Vacuum measuring gadgets and Plasma Generation power supplies to help research in experimental plasma Physics. Some of the faculties are conducting research work in collaboration with the nearby Universities and IIT, Kharagpur and they also deliver their research work time and again before the other faculties and students through Departmental seminars.

3.4   Research Publications and Awards

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

- Patents obtained and filed (process and product):   Nil

- Original research contributing to product improvement: Nil

- Research studies or surveys benefiting the community or improving the services: The college promotes field works and surveys from various departments on local issues and sometimes the authority forms teams for specific surveys in collaboration with other institutions and government bodies with the aim of developing the socio-economic, cultural and academic development. The following are the research studies/surveys undertaken by teachers:

Sl. No.	Name of the Project	Year	Conducted by	Impact on Community
01	Development of a low temperature glow discharge plasma device	2012-2015	Dr. Jyotirmoy Pramanik, Dept. of Physics	Modification of surface properties of metal using Plasma Nitriding which can be used to enhance the hardness of the metal and Plasma polymerization for surface colour modification.
02	Milk production in West Bengal:	2008-2012	Dr. Bikash Kumar Ghosh	This might be of great help to the policy maker of the dairy co-operatives and

	The Implications of Cooperative.		Department of Economics	researchers in judging the real performance of primary dairy co-operatives operating in West Bengal. The study also ensure that only the cooperative marketing system which can increase marketing efficiency on the one hand and also supply consumers with better quality liquid milk at the least possible cost.

- **Research inputs contributing to new initiatives and social development:**
  Dr. Rekha Dutta in her work shows how equality, rights etc. given by the constitution of India and the Government acts are not sufficient to empower the tribal Women society in their socio-economic and political life which are prevented

  by self-interested classes in our society. To achieve the goals for the development of our country the awareness programme for tribal women should be taken by the Government, the non-Government organization (NGO) and the educational institutions like the colleges through National Social Services (NSS) programs.

  Dr. Bikash Kumar Ghosh has completed his doctoral work out of which he has significant national and international publication on Performance of Dairy Cooperatives and on Cottage Industries. His work would ensure socio-economic upliftment of the small and marginal farmers, under dairy sector and cottage industry sector, providing sustenance and opportunities for supplementary employment and additional income.

  Prof. Samrat Sengupta is doing his doctoral work out of which he has significant national and international publication on resistance and social activism. He researches on the growing dissatisfaction towards the government and his work would focus and comment upon the causes of social resistance and revolution. This would enable planning developmental project keeping in mind the psychology and culture of individual communities.

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

  No.

3.4.3 Give details of publications by the faculty and students: mentioned in the item no. 19 of the each departmental profiles.

Number of papers published by faculty and students in peer reviewed journals (national / international)	**156**
Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	**-**
Monographs	**09**
Chapter in Books	**53**
Books Edited	**01**
Books with ISBN/ISSN numbers with details of publishers	**12**
Citation Index	**Nil**
SNIP	
SJR	
Impact factor	**1-6**
h-index	**1**

3.4.4 Provide details (if any) of

- **Research awards received by the faculty:**   **4**
- **Recognition received by the faculty:**   **15**

- Dr. Bimal Krishna Das, Associate Professor of Mathematics received the following Awards:

i) Received Merit Medal (SILVER) for securing First class Second position in M.Sc. from Vidyasagar University in its first convocation in 1995..
ii) Scientist of the year Award, 2010 from NESA, New Delhi
iii) Leading Scientist of the world, 2012 from IBC, Cambridge, England (UK).
iv) Universal Award for Accomplishment,2012 from ABI,USA
v) Man of the year Award, 2012 from ABI, USA
vi) Order of the International Ambassadorship Award, 2012 from ABI,USA
vii) Bharat Jyoti Award, 2012 from IIFS, New Delhi
viii) Glory of India Gold Medal Award, 2012 from IISA, New Delhi

ix)   Best Citizens of India Award, 2013 from International Publishing House, New Delhi

x)   Glory of India Award, 2013 from Govt. of Thailand and Govt. of India at Bangkok, Thailand.

xi)   Bharat Seva Ratan Gold Medal Award, 2014 from Global Economic Progress and Research Association, Tamil Nadu

Dr. Pankaj Saha, Associate Professor, and Sri Ranjit Kumar Sinha of Dept. of Hindi received following recognition.

1. Kavi Mathura Prasad Gunjan Smriti Samman, Munger, 2014 to Dr. Pankaj Saha.
2. Dr. Maharaj Krishna Jain Smriti Samman, Meghalaya, 2012 to Ranjit Kumar Sinha.
3. Srimati Jamuna Dhar Parboty Devi Matolia Smriti Samman, Meghalaya, 2013 to Ranjit Kumar Sinha.
4. Srimati Saraswati Singh Smriti Samman, Meghalaya, 2014 to Ranjit Kumar Sinha.
5. J.N. Bauri Smriti Samman, Meghalaya, 2015 to Ranjit Kumar Sinha.
6. Kavi Mathura Prasad Gunjan Smriti Samman, Munger, 2015 to Ranjit Kumar Sinha

Dr. Jyotirmoy Pramanik, Assistant Professor, Dept of Physics received Best Oral Presentation Award in "PLASMA – 2013" at KIIT University, Bhubaneswar.

3.5   Consultancy-

The College runs a consultancy service through the Career Counselling Cell and provides service to aspiring candidates seeking jobs in various fields like teaching, govt. jobs and corporate sectors. It charges minimum fees for registering with the cell and all the training programmes, coaching classes, counselling programmes are provided free of cost. So far, it has organised corporate training and counselling, coaching classes for various subjects of West Bengal School Service Commission and Primary Teachers' Commission.

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

Industry interaction is a healthy practice of the College for identifying the position of academic growth in the College. In the age of liberalization, there are ample opportunities in different industries. Keeping in minds this idea, almost in every year industrial training is conducted by the Dept. of Commerce of this college. In this program eminent resource persons participated and convey valuable messages and opportunities for the final year commerce students. Beside of this, our college has arranged career counselling programs on regular basis in which some of the reputed companies e.g. Concentrix, Techno India visited and recruited some of

our final year students in the recent past. We have also entered into agreements with some of the reputed enterprises like "ADS Enterprise", ADAMAS UNIVERSITY for career advancements of the students and with Reliance Jio to install Wi-Fi cables in the college campus which will be freely accessible for college authority, students.

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

Apart from providing traditional education, the college is committed to the socio-economic development of the surrounding areas. The management formed the consultancy with the following policies:

- To provide consultancy to the local youth who may not be students of this college.

- To take special care of the candidates from the socio-economically disadvantaged sections, like SC/ST/OBC and minority people.

- To help the physically challenged people. To take care of the female students.

The college publicizes various programmes through campaigning, postering, advertisements on the electronic media, its websites etc.

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

The institution always encourage the staff to make use of their experience and expertise for consultancy through various meetings and exchange of opinions and idea. The college has given administrative autonomy to the departments for starting new services and of course for joining the Counselling cell. The college has equipped all the departments with computers and internet for accessing information and study materials and other works. Besides, the Counselling Cell maintains a library which has subscriptions of various newspapers relating to jobs, magazines and books on competitive examinations, which the teachers and students can use. The authority has made arrangements for holding classes during holidays. Finally, the college gives monetary incentives as remuneration for holding classes, seminars etc.

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

Sl. No.	Broad areas	Major consultancy services	Revenue
1.	Competitive examinations	Coaching for various exams of West Bengal School Service Commission, West Bengal Primary Teachers' Commission, Railway Exams, State Govt. Administrative exams.	About Rs.50000/-
2.	Training for Corporate Sector	Trainings, workshops, seminars	

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

Not applicable

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The college is actively involved in extension activities relating to institutional social responsibilities at various levels and the various departments, NCC Units, NSS units, Career Counselling Cell and teachers and staff individually take part in such activities, sometimes independently and sometimes in collaboration with other government organizations, institutions, societies, the Alumni Association etc. The objectives of such programmes are to contribute to the socio-economic and cultural development of the surrounding locality and to instill the sense of social responsibility among the students for making them better citizens of the future.

Organized by	Activities	Participation by
College	Observance of important days like the Independence Day, the Republic Day, International Mother Tongue Day etc. Celebrating birth days of great people of India paying homage to their departed souls and offering condolence to people killed in disasters. National Integration Programmes: Kharagpur College organize Book Fair and Annual Festival, Seminar, workshop, exhibition, procession, walks for awareness generation etc. with special emphasis on exposing the local school students to the world of books and on creating awareness about the value of reading books. Workshops and seminars on social issues publishing articles and essays on local issues. Job Awareness Programmes, Public Health Check-up Programmes, Cooperations with the Election Commission of India in its various activities. Allowing it to use the college buildings, registering new voters from the campus, awareness programmes for voting rights and responsibilities, lending equipments like computers and projectors for training of voting personnel.	Students and Teachers
Departm-ents	Career Counselling and Coaching for entry in services. Research and Survey of tourism opportunities in Paschim Medinipur District of West Bengal and mapping the tourism area and submitting reports to concerned authorities via the college for necessary follow-up action. Holding Mock Parliaments, organised by the Ministry of Parlamentry Affairs, Government of West Bengal, to make the students aware of the parlamentary proceedings and to encourage them to partcipate in Participatary Democracy. Survey on environmental, socio-economic and cultural issues of the area and submitting reports of the same to the concerned	Students and Teachers

	authorities via the college for necessary action. Organizing programmes related to social awareness. Field work, seminar, workshop, survey etc.	
NCC Units	Republic Day Parade, Aids Rally: Dec- 2012; Blood Donation camp organize every year on College Foundation day (29th August); Road Rally for Heritage Home, Protects Girls and Save Country, Social Rally for Girls' Education, Tree Plantation Camp, World Yoga day Camp, Special Nation Integration Camp, Free Eye treatment camp.	Students and Teachers
NSS Units	First Aid Training Camp ,Seminar cum Eye check up camp "Know your Eye", Observation of International Environment day, A seminar cum workshop on Women health & Personal Hygiene, Observed SWACHHA BHARAT AVIYAN on 30.10.14, Observed Rastriya Ekta Diwas on the Birth Anniversary of **Sardar Vallabhbhai Patel** on 01.11.0214, etc.	Students and Teachers

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

The college through its administrative mechanism of various departments, committees, associations and feedback mechanism from various stake solders keep track of students' involvement in various social activities.

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

The Governing Body of the college is constituted of members representing various stake holders and their views paid heed to at the highest level. Besides, the college has feedback mechanism for various stake holders like the students, guardians, the Alumni Association, elected bodies and the local people. Feedbacks on overall performance and quality management are regularly collected from them. The college also interacts with the stake holders in various ISR programmes.

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

Sl. No	Major Extension and outreach programmes	Session	Budget (Rs.)	Impact on Students
1.	NCC	2011-12	30,000/-	They will be hardworking and disciplined in all respect. Also to be benefitted to get Govt. job in Defense Department like Indian Army, Air force and Navy also in West Bengal Police Department
		2012-13	35,000/-	
		2013-14	40,000/-	
		2014-15	40,000/-	
2.	NSS	2011-12	30,000/-	They will be hardworking and disciplined in all respect. Also to be benefitted to get Govt. job in Defense Department like Indian Army, Air force and Navy also in West Bengal Police Department

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

The college promotes participation of students and faculty in extension activities like NSS, Book Fair etc. by holding sensitizing programmes at various levels. The management of the college takes various administrative steps for ensuring the participation of students and the faculty in such programmes. Both the students and the faculty are given credit for their participation in the form of certificate and other benefits. Kharagpur college NSS unit I& II conducted state level selection test of Pre Republic Day Parade on 07/09/2014 in association with NSS cell, Vidyasagar University. An NSS volunteer Priya Chakraborty was selected and participated in the state level Republic Day Parade. They also Observed SWACHHA BHARAT AVIYAN on 30.10.14. A good no of teaching, non-teaching staff members and students spontaneously participated to make the college campus & surrounding area clean. Also, observed Rastriya Ekta Diwas on the Birth Anniversary of **Sardar Vallabhbhai Patel** on 01.11.0214 in Kharagpur College. After the inaugural session some teachers narrated the Importance of the day and the works of Sardar Patel in making unified India. Thereafter a large no

of Teaching, Non-Teaching Staff members and students participated in Oath Taking programme. Also, conducted a Quiz contest among the students of Kharagpur College on 05.11.2014. The winning team participated in the V.U inter college quiz competition. NSS units organized a debate competition on the motion **"Sardar Patel was the only architect of unified India"** on 04.11.2014. They also observed **World AIDS Day** on 01.12.2014. The NSS volunteers prepared posters, tied Red Ribbon to the students and Staff of the college. The NSS programme officers arranged an interactive session on "KNOW AIDS NO AIDS" and narrated to the audience the importance of the Day, how to get rid of this deadly disease, preventive measures, the myth & facts associated with AIDS.

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

The following social surveys and research are undertaken by the College to ensure social justice and empower students from under-privileged and vulnerable sections of society:

The Department of Economics undertakes socio-economic surveys on income and expenditure distribution pattern of the villagers from where students come to the college for education. Also a number of development parameters such as their consumption pattern, educational status, health related data etc. are analysed in the research work. This practice simply helps us to understand the direction of social justice towards different section of society. Thus we can influence this direction through making policies for the the upliftment of under privileged group of people. The NSS units of the College are making an active contribution to the upliftment of the underprivileged people of society in the adjacent slums through blood donation camps and AIDS awareness camps.

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

The extension programmes complement the students' academic learning experience by helping them in acquiring certain skills and by instilling certain values in them.

Values inculcated:

Respect for work

Respect for the poor and weak

Concern for the disadvantaged people

Emphasis on cleanliness and healthy habits as responsible citizens Duties towards the community

Skills acquired:

Team work

Managerial skills

Skill for human resource management Skills in social communication

Statistical skills Interpersonal skills

Skills in documentation

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

The college always looks forward to the involvement of the community in its reach-out activities by being in contact touch with the representatives of various sections in the Governing Body, people in charge of local administration, various

educational institutions, the members of the Alumni Association and the Students' Union. The NSS Units remain in touch with the local administration and people of the adopted villages and clubs for holding their programmes. Sometimes the college arranges for direct campaigning via loud-speaker and for advertisement on the local media on upcoming programmes and solicit public participation.

Some of the initiatives:

- Dept of Bengali organized a ten days Book exhibition where different books were available for different classes of the society. A large number of people attended the exhibition throughout the period both from the college and local areas.

- NSS Programmes at adopted villages and in the neighbourhood

- Kharagpur College Sports Academy (for giving training to budding sports persons of the area)

- NCC unit of this college organized various social and community development programme like

    i)   Clean your city camp on 26/02/2014

    ii)   AIDS Rally on Dec 1 2012 & 2013

    iii) Social Rally Girls education on 14/12/2012

iv) Free Eye treatment camp on 15/05/2014

v) Tree plantation camp on 29th August of every year

vi) National Integration camp on 23/09/2015

vii) Protect Girls and save country July 27, 2012

- Various programes of the Physics Alumni Association
- Medical Check-up camps organized by the Students' Union in association with the Alumni Association make the students and the staff aware of personal health and hygiene.

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

In every year, in the first week of January a flower exhibition is held for four days in the local area (Inda Girls School Ground). A large number of plants and flowers are sent from the college. Beside this the college staffs actively participate and organize the flower show and along with cultural programs. The objective of the show is to expose the college students to world of varieties of plants and flowers.

Other than that throughout the year, the NSS units of the college carryout extension and community oriented activities in the locality. Local clubs and NGO are also interested to actively participate in such programme.

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

No award has so far been received in this regard.

3.7 Collaboration

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

The college has not so far signed any formal agreement with other institutions regarding research laboratories, institutes and industry for research activities. However, the college teachers collaborate and interact with various institutions of

national and international importance in research activities whenever possible. The following are some of the research collaborations:

- Dr. Jyotirmoy Pramanik, Assistant Professor, Dept. of Physics worked as a Principal Co-Investigator of a Board of Research in Fusion Science & Technology (BRFST) funded project at Jadavpur University with sanctioned amount Rs. 46,94000/- letter no. IPR/NFP/2009-10/Feb/14 dated 12/03/2010 for three years with Dr. Mridul Bose, Associate Professor, Dept of Physics. They developed a Dusty plasma experimental device in which studied on "Interaction of hydrogen with graphite tiles in a plasma environment and study of spatial & temporal evolution of hydrogenated carbonaceous dust formations". They published following research papers in the international Journal during the project tenure.

i) S.Sarkar, M.Bose, **J.Pramanik**, S. Mukherjee, Experimental observation of the behavior of cogenerated dusty plasma using a bipolar pulsed direct current power supply, Physics of Plasmas, 20, 024506, 2013.

ii) S. Sarkar, M.Bose, S. Mukherjee and **J.Pramanik**, Spatio temporal evolution of dielectric driven cogenerated dust density waves, Physics of Plasmas, 20, 064502, 2013.

iii) S.Sarkar, M.Bose, **J.Pramanik** and S.Mukherjee, Long range correlation and self organised critical behavior of dust cloud, Proceedings of 27th National Symposium

on Plasma Science & Technology, organized by Pondichery University, Puducherry - 605014 during 10-13 December 2012, ISBN: 978-93-82062-82-0, pages 161-164.

- Also, the following teachers visit regularly to IIT Kharagpur, Vidyasagar University, Inter University Consortium, Kolkata etc for characterization and testing of their experimental research works :

  i) Debasish Aich, Dept of Physics
  ii) Dr. Ipsita Kumar Sen, Dept. of Chemistry
  iii) Samrat Sengupta, Dept of English
  iv) Koushik Chakraborty, Dept of Political Science

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The college has made a collaborative arrangements with "Concentrix", a Gurgaon based Multinational corporation and "Techno India Group" for councelling the final year students reading various job opportunities and professional courses. They also recruited a considerable number of students through campus interview programmes.

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

The College has a Career Counselling Cell which facilitates the visits of experts from different corporate sectors and industries in order to interact with the students and inform them about placement opportunities. This cell is engaged in effective interaction with the students under the guidance of Dr. Mahadev Mukherjee, Associate Professor in Commerce. Different information through hardcopies regarding the job opportunities and practical/ vocational trainings are also provided to the final year students.

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

Sl. No.	Name	Qualifi cation	Designation
01	Prof. Asoke (Bitoshoke) Bhattacharya	M.A.	Associate Professor, Midnapore College
02	Dr. Animesh Kanti Pal	M.A. PhD.	Associate Professor, Midnapore College

03	Dr.Kinkar Das	M.A., PhD	Associate Professor, Suisha College
04	Dr. Subikash Jana	M.A, PhD, D.Lit.	Principal, Hijli College
05	Dr.Apu Das	M.A. PhD.	Associate Professor, Panskura College
06	Swami Tyagarupananda	-----	Principal, Ramakrishna Mission Vidyamandira
07	Dr. S.C. Panigrahi	M.A., PhD	Professor, Utkal University
08	Dr. Tapan Kumar Chakrabarti	M.A., PhD	Formerly Professor, JadavpurUniversity
09	Dr. Tapan Kumar De	M.A., PhD	Reader, Vidyasagar University
10	Professor Gopal Krishna Dash	M.A., M.Phil, Ph.D	Professor in Utkal University
11.	Professor Prafulla K Mishra	M.A., M.Phil, Ph.D	Professor in Utkal University
12.	Professor Gopal Mishra	M.A., Ph.D	Professor RBU
13.	Dr. Harekrishna Mishara	M.A., M.Phil, Ph.D	Visva Bharati, Shantiniketana
14.	Dr. Bhabasankar Mukherjee	M.A., Ph.D	Sabang Sajanikanta Mahavidyalaya
15.	Dr. Bratati Mukherjee	M.A., Ph.D	Midnapore College
16.	Dr. Amal Bhattacharya	M.A., Ph.D	Pingla, College
17.	Professor Sayan Kar	PhD	Professor, IIT Kharagpur

18.	Dr. Kuntal Chatterjee	PhD	Assistant professor, Vidyasagar University
19.	Dr. Satyajit Saha	PhD	Associate Professor, Vidyasagar University
20.	Professor Ajay Kumar Misra	M.Sc. Ph.D	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University
21.	Professor Braja Gopal Bag	M.Sc. Ph.D	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University
22.	Prof. Kumar B Das	PhD	V.C. Fakir Mohan University
23.	Dr. A. Gupta	PhD	Vidyasagar University
24.	Dr. Pulak Mishra	PhD	IIT, Kharagpur
25.	Dr. Asish Kumar Saw	PhD	University of Calcutta
26.	Dr. K.C. Pal	PhD	Vidyasagar University
27.	Dr. Dipti Chakraborty	PhD	University of Calcutta
	Prof. Manoranjan Maiti	M.Sc., Ph.D.	Formerly Protem Vice-Chancellor and Head, Deptt. Of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
29.	Dr. Madhumangal Pal	M.Sc., Ph.D.	Professor, Dept. Of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
30.	Dr. Soumyakanti Ghosh	Ph.D.	Professor, Dept. Of Computer Science & Engg. I.I.T. Kharagpur
31.	Dr. Shyamal Mondal	M.Sc., Ph.D.	Associate Professor, Dept. Of Applied Mathematics with Oceanology & Computer Programming , Vidyasagar University
32.	Dr. Keshab Bhattacharya	M.Sc., Ph.D.	Professor, Dept. Of Electrical Engineering, Jadavpur University
33.	Sri. Sunil Chandra Mallik	M.Tech.	Director, Computer Centre, Vidyasagar University
34.	Dr. Monimohan Mandal	M.Sc.,	Associate Professor, Dept. Of

		Ph.D.	Mathematics, Midnapore College, Midnapore
35.	Dr. Ashoke Kr. Bhunia	M.Sc., Ph.D.	Reader in Mathematics, Burdwan University
36.	Prof. Debnarayan Sarkar	PhD	Centre for Economics Studies, Presidency University
37.	Prof. Purnendu Sekhar Das	PhD	Dept. of Humanities, IIT Kharagpur
38.	Prof. Debasish Mondal	M.A., M.Phil	Dept. Of Economics with Rural Development, Vidyasagar University

A list of national conferences organized by the different department of Kharagpur college is given below.

a. A UGC sponsored two-day national seminar, organized by the department on "A New movement in Indian Philosophy and culture: contribution of Swami Vivekananda" in collaboration with Ramakrishna Mission Vidyamandira, Belue Math on 22-23rd December, 2011.

b. UGC Sponsored two day National Seminar on '**Scientific ideas as reflected in the Vedas and later Sanskrit literature**', organized by department of Sanskrit, Kharagpur College in collaboration with department of Sanskrit Vidyasagar University, January 19-20 2012.

c. UGC sponsored two day national seminar on "Direct Taxes Code: A Revolution in the way of Tax Reforms" during March 22-23 , 2012.

d. One UGC Sponsored State Level Three-day Workshop on "**C- Language & Its Application**" organized by the Department of Mathematics, Kharagpur College In Collaboration with Paschim Medinipur District Committee, WBCUTA, was held on 28-30 th March, 2012 at Kharagpur College.

e. DST Sponsored "ONE DAY WORKSHOP ON PLASMA AND ITS APPLICATION" on 18/12/2012.

f. UGC sponsored two day national seminar on "F.D.I. and its impact on Indian Economy" during March 21-22 , 2013.

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

i.   Curriculum development/enrichment : NA

ii.   Internship/ On-the-job training: As per Vidyasagar University academic curriculum, Dept. of Commerce organizes an Industrial Training Programme for three days in March every year.

iii.   Summer placement: Indian National Science Academy circulates their summer research programe to our college every year. Science students applied and selected in different national Science Academy to carry out summer research project.

iv.   Faculty exchange and professional development: N.A.

v.   Research : Nil

vi.   Consultancy : Nil

vii.   Extension :

viii.   Publication

ix.   Student Placement : College arrange campus recruitment programe through career counseling cell.

x.   Twinning programmes : NA

xi.   Introduction of new courses: Nil

xii.   Student exchange :NA

xiii.   Any other : NA

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

The college is acting on the possibilities generated by the linkages within its limited resources. Following such possibility and necessity the college has established and has been running a Netaji Subhash Open University Centre within its campus as an extension activity. It runs PG courses of 2 years in Bengali, English, English Language Teaching, Political Science, History, Social Work,

Public Administration, Education, MLIS, M.Com., M.Sc (Mathematics). It also runs P.G. Diploma of one year in Journalism and Mass Comm. Co-operation, Public Relations and Advertising, Consumer Affairs. It also runs Bachelor degree program in Bengali, English, History, Political Science, Sociology, Geography, BLIS and Commerce. It also teaches courses in Human Rights and Six Months certificate course in Broadcast Journalism, Videography and Video-editing.

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

NIL

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CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1   Physical Facilities

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

The policy of the college has always been to strengthen the infrastructure of the college, so that the academic activities of the college are conducted smoothly. The college tries to obtain grants from different agencies such as UGC, State Govt., MPLAD fund for the purpose. More over college also uses its own fund in addition to the grants for creating the infrastructure. For this purpose, a Building Committee as per the UGC guidelines has been constituted. There is also a Purchase Committee to supervise the purchase of materials for the same.

4.1.2   Detail of the facilities available for

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

a.

Resources	Number
Class Rooms	30
Technology enabled Classroom	01
Seminar Hall	01
Laboratories	07
Garden	02
Desktop	70
Laptop	10
LCD Monitor	55
CRT Monitor	15
Printer	25
Xerox Machine	05
LCD Projector	05
Experimental Plasma Physics Laboratory	01
Botanical Garden	01
Research Lab	01

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

Resources	Number
Play Ground	01
Outdoor stadium	Nil
Indoor Stadium	Under Construction
Swimming Pool (to be open shortly)	01
Gymnasium	Nil
Auditorium	01
NSS	Two Units
Cultural Activities	Auditorium
Language Lab	01
Open Stage	01
Student Health Center	01
NCC	01
Study Centre	BDP and PG Programe of Netaji Subhas Open University

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

The college has a Development Committee consisting members of the Teaching, Non-Teaching Staff and members from the Governing Body, which plans and ensures the available infrastructure is in line with its academic growth and is optimally utilized.

- One building is constructed to run IT section of the college to provide Technical Education to local youth.

- One modern and specious library building for accommodation of increasing number of books and bigger reading space for students.

- Students Union office and Boys' Common room with all facilities for the use of students.

- The entire college building has been redesigned to create space for departmental faculty room, for easy access and interaction of students and faculty.

- Three pollution free generator installed in the campus under the shed with capacity of 30X3=90 KVA for power backup.

- Seminar / conference hall for holding seminars and conferences.

Last four years infrastructural expenses

Session	Amount Spent
2011-2012	72,43,784.23
2012-2013	2,52,76,991.42
2013-2014	89,20,872.00
2014-2015	69,81,152.00

(Master drawing of the college enclosed)

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

The college has been taking initiative to create separate Toilet for physically disable students.
There are wheel chairs in the library for them for easy movement inside library.

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

Hostel Facility – Accommodation available

There are 1(one) Boys' Hostel and 1(one) Girls' Hostel with nearly 60 and 52 inmates respectively. Each hostel has a hostel superintendent who is a teacher of the college.

Professor Family Quarters which can accommodate four family adjacent to the college building.

Now four Teachers are residing at Professors' Family Quarters. Recreational facilities, Common rooms with indoor playing facilities are available.

- Computer facility including access to internet in hostel – Not available

- Facilities for medical emergencies

The college has a medical health check up center in campus. The block health primary center is nearly one kilometer from college.

- Library facility in the hostels – Not available

- Internet and Wi-Fi facility – Not available

- Recreational facility-common room with audio-visual equipments

- One TV is available at Boys' Hostel Common Room

- Constant supply of safe drinking water - Yes

- Security Yes, Round the clock

4.1.7   What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

There is a Health Center in the college where free health checkup facility and medical support is given to staff and students. Where

i)   Blood Sugar testing kits.

ii)   Blood Pressure Machine

iii)   E.C.G. Machine are available. Beside the Primary Health Center is located, at a distance of 1 km. from campus Health center.

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

- Each department has a separate room for the teaching staff.

- The College has its own IQAC and Grievance Redressal Unit.

- Career Guidance Cell and Counselling Center in the college.

- There are separate Common rooms for boys and girls.

- Medical facilities are available in the campus for free medical check-up of the students and staff once in a month.

- Students' canteen and drinking water facility are available.

- A cheap book store is situated in the college premises during last 26 years where text and reference books and educational stationery are available throughout the year.

- Internet access is provided during college hours to the students and staff free of any charge.

- Subsidized Xerox facilities are available for students.

- Three pollution free D.G. set generator are installed in the college from long back for power backup with capacity of 30x3=90 KVA.

- A nationalized BANK (Andhra Bank) has a branch with ATM counter facility named "KHARAGPUR COLLEGE BRANCH" is running in the college campus. Payment of online admission to the college and payment of salary, arrears etc. are done through this branch. As the branch is the CBS facility the college staff members avail the facility of Debit Cart and the college can transfer the money to any office through RTGS or NEFT.

- One cycle stand of 600 sq. mtrs area is availble in the campus for the students and staffs.
- Two room have been allotted for the students Union.

4.2 Library as a Learning Resource

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

Yes, the Library has an Advisory Committee.

There is a Library Committee comprising of Teaching, Non-teaching and students representative, wherein the Principal is the Chairman and Librarian is the Convener. This committee frames the policy of the functioning of the library and advises on the steps to be taken for making it user friendly.

4.2.2 Provide details of the following:

Total area of the library (in Sq. Mts.)   340.51 sq.mts.

Total seating capacity   : 70

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

On working days   : 07 am. to 5 p.m. (Monday – Friday)

: 07 a.m. to 2 p.m. (on Saturday)

During Summer recess   : 10.30 a.m. to 5 p.m.

During examination days   : 10.30 a.m. to 5 p.m.

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

      Reading Area   : 139.03 sq.mts.

      Stacking Area   : 101.20 sq mts.

      Office   : 101.28 sq. mts.

Individual reading carrel for faculty: not available

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

Library holdings	2011-12		2012-13		2013-14		2014-15	
	Number	Total Cost of new books	Number	Total Cost of new books	Number	Total Cost of new books	Number	Total Cost of new books
Text Book s and Reference books	29510	Nil	29510+ 1989= 31499	424698	31499 +78 = 31577	12965	31577 + 458= 32035	106080
Journals /Periodicals	4		4		4		4	
e-sources	-	-	-	-	-	-	-	-
Any other(specify)	52 (Donated Books)		13 (Donated Books)		Nil (Donated Books)		Nil (Donated Books)	

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

4.2.5 OPAC : Library database has been digitised and detailed search is available through
OPAC (Online Public Access Catalogue).

b) Electronic Resource Management package for e-journals: available

c) Federated searching tools to search articles in multiple databases : available

d) Library Website: Yes

e) In-house/remote access to e-publications: To access e-publication In-house or remote
we provide users ID number and password for accessing e-resources through n-list.

f) Library automation: Yes , The Library has installed Library Management "KOHA" software for library automation. Near about 60% of book data have already been entered. Very shortly we shall provide e-circulation facility.

g) Total number of computers for public access: 05

h) Total numbers of printers for public access: 01

i) Internet band width/ speed: 10 mbps

j) Institutional Repository: Yes

k) Content management system for e-learning: Nil

l) Participation in Resource sharing networks/consortia (like Inflibnet): No

4.2.5 Provide details on the following items:

Average number of walk-ins	85
Average number of books issued/returned	46
Ratio of library books to students enrolled	7 : 1
Average number of books added during last three years	845
Average number of login to opac (OPAC)	Not available
Average number of login to e-resources	Not available
Average number of e-resources downloaded/printed	Not available
Number of information literacy trainings Organized	06
Details of "weeding out" of books and other materials	Books on H.S. syllabi and most of the back dated furniture are wedded out as Library building is newly constructed

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

Manuscripts **:** available

Reference :

The Library provides reference service through Documentary sources, institutional sources and personalized sources, ranging from short range reference to long range reference. It has rich collection of Reference Books such as encyclopedia, dictionaries, Gazetter, Map etc.

Reprography :

Library provides Reprography facility to its users. Users can photocopy their needed books, journals, syllabus, question paper etc.

ILL (Inter Library Loan Service) :

Through institutional membership card of Vidyasagar University central library we can avail Inter Library Loan service.

Information Deployment and Notification :

Through New Arrival notice Board we provide information about new arrival of books and journal and services.

Download :

The library has Internet connection. Users can download resources from the web through internet.

Printing :

Printing facility is available in library in restricted manner.

Reading list/ Bibliography compilation:

The Library has subject bibliography in the form of subject catalogue, Author bibliography in the form of Author catalogue.

In-house/remote access to e-resources:

Through individual users ID and password users can access e-resources in-house/remote on internet and resources available in INFLIBNET-N-LIST programme.

User Orientation and awareness:

To aware the users about library resources and services and teach them to various search technique, we organize user orientation programme for each department.

Assistance in searching Databases :   **Not available**

INFLIBNET/IUC facilities :

The Library provide facility to access e-resources available in INFLIBNET-N-LIST.

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

The Library staff provide support to the users of the library by acquisition, organization and circulation of the documents, help in searching their needed

information, providing reference service, Reading Room service, Lending Service, Current awareness service and Book Bank service.

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

The Library has wheel chair, physically challenged person may take help of wheel
chair to move within the library premises.

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

The Library has feedback mechanism from the students by supplying questionnaire to the students, feedback mechanism is totally anonymous, library distribute questionnaire from among the students randomly and collect the feedback form in a box. After feedback are taken, the data of the questionnaire are analysed and policies are adopted and to improve the library resources and services.

4.3 IT Infrastructure

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

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

Sl No.	Items	Quantity
01	Dell Desktop Computer with Icore3 processor, 2GB RAM, 500GB HDD, DVD RW, Multimedia Keyboard Mouse, 18.5" LED Monitor	55
02	Dell Desktop Computer with Icore5 processor, 4GB RAM, 1TB HDD, DVD RW, Multimedia Keyboard Mouse, 22" LED Monitor	07
03	Dell Core I5, 4GB DDR3, 640GB HDD, DVD RW, BT, DR, WL, 1GB Graphics Card, 15.6" LED, Windows 7 HB, Antivirus, Carry Bag	03
04	HP LaserJet 1020 B/W Printer	06
05	HP LaserJet Pro N1216MFD B/W	02
06	**HP** High Resolution Scanner (Legal Size),Model No-3110	03
07	**Microtech** 600VA UPS	24

Computer-student ratio   : 1:40

Stand alone facility   : Two computers in the office for confidential purpose

LAN facility   : Intra Office and Intra Library LAN facility available

Wifi facility   : available

Licensed software   : Yes

Number of nodes/ computers : 20 nos.
with Internet facility

Any other: One Digital Camera , One digital Video Camera, Five LCD Projector, One DVD player, Two Overhead Projector

4.3.2   Detail on the computer and internet facility made available to the faculty and

students on the campus and off-campus?

Laptop for all full-time teaching staff	- 5 nos.
Computer with LCD Monitor for all teaching departments	- 38 nos.
Computer in the Library for use of students	- 05 nos.
Computers in the Computer Center	- 34 nos.

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

The college has appointed one staff for maintenance and upgradation of all IT infrastructure and associated facilities.

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

Year	Maintenance Expenses	Software Expenses
2011-2012	4,26,663.00	1,10,113.00
2012-2013	1,35,373.00	8,05,504.00
2013-2014	8,84,934.00	3,74,014.00
2014-2015	81,803.00	1,16,455.00

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

Each Honours Teaching Department are provided with LCD and computer with Internet Connectivity. More over each full time faculty are provided with Laptops to facilitate extensive use of ICT resources including development and use of computer aided Teaching / Learning materials.

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

The use of ICT in the Teaching Learning process has been stressed to make the process students centric. The students are encouraged to use the multimedia facilities available in the Department and Library to facilitate the Teachers for effective delivery of class room teaching.

More over the ICT available in the seminar hall for use by the students during seminars and workshops.

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

The college is a direct member of Inflibnet and its N-list facilities. There are 20 broad band Internet connections in the college under NMICTE schemes.
Students and Teachers get the benefit of e-resources available through the National Knowledge Network.

4.4   Maintenance of Campus Facilities

4.4.1   How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

		2011-12	2012-13	2013-14	2014-15
a.	Building	72,43,784.23	2,52,76,991.42	89,20,872.00	69,26,163.00
b.	Furniture	82,326.00	20,02,894.00	19,43,630.00	4,39,760.00
c.	Equipment	2,37,597.00	12,60,972.00	44,42,224.00	1,17,762.00
d.	Computers	1,10,113.00	8,05,504.00	3,74,014.00	1,16,455.00

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

There is a development committee, comprising of senior Teachers, Students, Administrative members and Principal as the Chairman to look after the maintenance, and upkeep of the infrastructure, facilities and equipment of the college.

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

Non-Teaching staff such as caretaker and computer maintainer has been engaged by the college to take care of maintenance of the equipments.

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

The college is located in a volatile electrical zone. Suffering from frequent fluctuations of power supply. The college has dedicated Transformer inside the college campus for uniform power supply besides voltage stabilizers are installed at different blocks of the college to check voltage fluctuation. There are three 62.5 and 15 KVA Diesel Generator inside the college campus for power backup and 5 submersible pumping machines with over head tank for uninterrupted water supply to the college and its hostels.

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

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CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1   **Student Mentoring and Support**

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

College prospectus is updated and published annually and is provided to students at the time of admission. Through the prospectus the following informations are provided to the students:

- Information about the college.

- Information regarding faculty, staff and management of the college.

- Details of programme taught in the college and the intake capacity.

- Details of admission process and fee structure.

- Information regarding Library Facility, Extension and Support Services, Hostel, Students' Union and Alumni Association.

- Information regarding rules and regulation of the College.

The institute ensures its commitment and accountability through its administrative structure.

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

Yes, financial aid is available and disbursed in due time.

Type of financial assistance	2011-12	2012-13	2013-14	2014-15
Through Fees concession	200555.00	200690.00	400850.00	2,00,000.00
From Aid fund	41000.00	18000.00	28000.00	72,000.00

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

Scholarships	Percentage
State Govt.	25%
Central Govt.	2%
Other National Agencies	1%

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

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

  S. C., S. T., OBC cell formed,

  Reservation of seats in admission, Scholarship & Stipend,

  Remedial coaching, Book Bank facilities

- **Students with physical disabilities:**

  Special education cell has been formed to help and guide the students with physical disability.

  The reservation of seats as per Govt. rules.

- **Overseas students:**   Nil

- **Students to participate in various competitions / National and International:**

  Support system to help students for participation in various competitions at University, State level and National level.

  Funds are allocated for them.

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

  Free health checkup center.

- **Organizing coaching classes for competitive exams:**

Coaching classes for entry in service.

- **Skill development (spoken English, computer literacy, etc.)**

  Spoken English Course.

Compulsory Computer Literacy Courses.

- **Support for "slow learners" :**

  Remedial Coaching classes, Teachers mentoring

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

  Students are exposed to external agencies through Seminar, Workshops and visit of dignitaries to the college.

- **Publication of student magazines:**

  Publications of students and Departmental magazines are made regularly.

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

The Institution has organized two entrepreneurial development programs (March 2013 and May 2015) in its campus through which various opportunities of the entrepreneurs regarding the small and medium scale businesses and their financing opportunities was discussed by the teachers of Dept. of Commerce of this college along with the faculties from Vidyasagar University.

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

a.   **additional academic support, flexibility in examinations:**

Routine of Class tests of Internal assessment are adjusted as required.

b.   **special dietary requirements, sports uniform and materials:**

Tiffin and special foods are provided during sports. Students are provided with uniform to participate in sports activities.

c.   **any other:**

Sports and cultural activities are part of the academic calendar of the college sports competitions, cultural competition quiz competitions and debate competitions are held regularly in the college.

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

Students are given support and guidance for preparing them for competitive examinations through career coaching center and UGC scheme of entry in service.

Year	Competitive Exam / Service Name	Number of Candidates
2011	JEST &JAM	12
	Army	10
	BSF	02
	Police	05
	Private Sector	12
2012	JEST &JAM	10
	Police	08
	Army	08
	BSF	04
	Private Sector	15
2013	JEST &JAM	14
	SSC Clerk	05
	Army	10
	Clerk	10
	BSF	09
	Primary	08
	CISF	02
	Private Sector	12
2014	JEST &JAM	09
	Asst. Teacher	12
	Army	05
	Private Sector	12
	Clerk	10
	Primary	05

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

Career counselling cell provides career counselling to students on a regular basis and holds counselling session by inviting eminent persons and professional organization in the field.

Teachers are involved in personal and academic counselling to students through personal contact activities.

The college has the practice of Teacher playing as mentor of various groups of students.

Remedial coaching classes are regularly held for the SC, ST, OBC and minority student for their academic improvements with the financial support of UGC.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The career counseling cell has mechanism through which it informs students regarding various job opportunities. They arrange periodically career advancement guidance by some external experts and also arrange campus interview for placement in different organizations. Recently Concentrix, a Gurgaon based company and Techno India Group visited our college and recruited 38 students for various departments of their organizations.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The college has a students' grievance redressal cell through which the grievances of students are heard and addressed.

The students voiced their grievances in a numbers of matter and following action were taken on major issues in last four years:

Grievances	Result
On insufficient class Room	New classroom building constructed
Drinking water in Hostels	Aqua guard installed in the hostel
Library services	Library services improved
Departmental attendant	Departmental attendant appointed

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

There is a sub-committee pertaining to sexual harassment comprising of Teachers and Students representatives as per UGC guidelines.

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

There is an anti-ragging committee in the college but no cases of ragging have been reported during last four years.

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

Cafeteria, Free health clinic, Free Identity card, Book Bank facilities and subsidized books and stationary store. Cold purified drinking water facility.

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

Department of Physics of this institution has a Alumni association which is not yet registered under West Bengal Society Registration Act. But the process is going on for registration. Physics Alumni association has its own webpage and they meet biannually since 2007 in the college campus. They have organized one blood donation camp on 10/12/2013 and organizes seminars by eminent faculties of Physics during alumni meet. They also discuss about the current affairs and opportunities for the Physics student in the current global scenario.

5.2   Student Progression

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

Student Progression	%
UG to PG	74%
PG to M.Phil.	08%
PG to Ph.D.	02%
Employed: • Through Campus selection • Other than campus recruitment	17% 15%

5.2.2   **Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.**

• **Programme wise pass percentage and completion rate**

	Programme wise pass percentage and completion rate for the last four years											
	2011-12			**2012-13**			**2013-14**			**2014-15**		
Subject	Total appeared	Total passed	Result %	Total appeared	Total passed	Result %	Total appeared	Total passed	Result %	Total appeared	Total passed	Result %
BENG (PG)	54	54	100	54	54	100	54	54	100	54	54	100
BENG H (UG)	79	78	98.7	66	65	98.5	67	66	98.5	93	92	98.9
ENG H	51	51	100	54	54	100	40	40	100	56	56	100
HINDI H	30	30	100	44	43	97.7	25	24	96	24	24	100
HIST H	46	42	91.3	42	41	97.6	49	49	100	50	50	100
POLSC H	21	21	100	36	35	97.2	10	9	90	25	24	96
PHIL H	16	16	100	36	36	100	17	16	94.1	24	24	100
SAN H	50	48	96	34	33	97	46	45	97.8	44	44	100
GEO H	24	24	100	39	38	97.4	35	35	100	42	42	100
ECO H	2	2	100	4	4	100	6	6	100	02	02	100
PHYS H	22	19	86.3	30	30	100	26	26	100	39	36	92.3
CHM H	19	19	100	25	24	96	27	27	100	19	19	100
MATH H	38	38	100	36	36	100	46	44	95.6	34	32	91.1
ZOOL H	16	14	87.5	19	16	84.2	20	19	95	14	14	100
BOT H	04	03	75	08	07	87.5	6	6	100	10	10	100

COMMERCE (H)	116	112	96.6	120	120	100	131	126	96.1	87	84	96.5
B.A. GEN	149	147	98.7	192	188	97.9	186	177	95.1	143	137	95.8
B.SC.GEN	12	10	83.3	14	12	85.7	16	14	87.5	15	15	100
BCOM. GEN	37	33	89.2	40	36	90	41	37	90.2	28	27	96.4

- **Comparative Analysis of the Institutional Academic Performance**

Comparative Analysis of the Institutional Academic Performance				
Session	**Courses**	**University Average result**	**Belda College**	**PK College, Contai**	**Kharagpur College**
2011-12	**B. A. Honours**	95.10	94.85	95.10	98.44
	B. A. General	92.06	95.93	92.06	98.70
	B. Com. Honours	98.79	85.71	98.79	96.60
	B. Com. General	95.20	100	95.20	89.20
	B.Sc. Honours	92.10	83.40	92.10	89.76
	B.Sc. General	97.73	100	97.73	83.30
2012-13	**B. A. Honours**	95.67	96.20	95.67	98.37
	B. A. General	91.21	94.18	91.21	97.90
	B. Com. Honours	96.46	100	96.46	100
	B. Com. General	87.60	100	87.60	90
	B.Sc. Honours	95.10	93.94	95.10	93.54
	B.Sc. General	97.79	100	97.79	85.70
2013-14	**B. A. Honours**	96.52	95.27	96.52	97.38
	B. A. General	92.35	93.71	92.35	95.1
	B. Com. Honours	98.96	93.0	98.96	96.1
	B. Com. General	96.20	98.1	96.20	90.2

	B.Sc. Honours	94.75	91.56	94.75	98.12
	B.Sc. General	97.94	97.85	97.94	87.5
2014-15	**B. A. Honours**	96.99	91.63	96.99	99.36
	B. A. General	90.55	94.73	90.55	95.80
	B. Com. Honours	98.38	94.20	98.38	96.50
	B. Com. General	89.10	99.0	89.10	96.40
	B.Sc. Honours	93.48	92.75	93.48	96.68
	B.Sc. General	97.23	98.27	97.23	100

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

- Training for Practical work
- Coaching for the JAM,JEST, UGC NET/JRF examinations
- Placement training by invited experts from various organization.
- Direct interaction with Industrial management regarding employment opportunities
- Field visit are made to small and cottage industries in the local areas.

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

Remedial Coaching classes, Teachers mentoring

5.3 Student Participation and Activities-

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and programme calendar.

The college has a playground and an Indoor stadium which is now under construction, beside that the college has Physical Education Department to coach students about game and sports and a music Department to train students for cultural activities. Equipment for sports activities like, athletic, cricket, Foot Ball, Volley Ball, Carrom, Table Tenis, Badminton, Kho-Kho, Kabadi and Multigym are available for students. For cultural activities various musical instruments are available in the college. Students are provided with uniform to participate at District Level, University Level and State Level sports and other competitions.

- **Year wise participation of students in sports and cultural competitions at different levels:**

Activity	Year	Number of students participated in	
		State/University Level	National Level
Sports	2011-2012	106	19
	2012-2013	89	16
	2013-2014	95	22
	2014-2015	96	11
Cultural	2011-2012	20	03
	2012-2013	26	03
	2013-2014	30	01
	2014-2015	35	01

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Sports								
Year	Achievements							
	State/University Level				National Level			
	Team Game	Number	Individual	Number	Team Game	Number	Individual	Number
2011-2012	Cricket Football Chess	Champion Runners 05 Players	**Athletics**	06	Cricket Football Chess	**03 02 05**	**Athletics**	**02**
2012-2013	Cricket Football Chess	Champion Runners 05 Players	**Athletics**	04	Cricket Football Chess	**- - 05**	**Athletics**	02
2013-2014	Cricket Football	Participated District	**Athletics Gymnastic**	03 01	Cricket Football	- -	**Athletics Gymnastics**	**01 01**

2014-2015	Chess	Champ 04 Players	s		Chess	04		
2014-2015	Cricket Football Chess	- - 03	Athletics Gymnastics	02 01	Cricket Football Chess	- - 01	Athletics Gymnastics	02 01

Cultural		
Year	**Achievements**	
	State/University Level	**National Level**
2011-12	**6**	1
2012-13	**5**	1
2013-14	**7**	1
2014-15	**6**	-

5.3.3   How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

Feedback from all stakeholders are taken informally, which help to improve the performance and quality of institutional provisions.

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

All Teaching departments have wall magazines; beside the Students' Union also publishes one wall magazine. The college Annual Magazine **'Prateeti'** is published regularly wherein students publish their creative writings.

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

The college has a Students' Union, which is elected by holding election among students as per Vidyasagar University affiliated college guidelines.

The students annually elect class representatives to the students' Union through ballot. The elected representatives elect an executive body comprising of General

Secretary, Vice President and secretaries of various port folios. They run the

Students' Union out of the fund generated from students as Union fee at the time of admission.

The Students' Union conducts Annual Sports, Cultural Competition and Annual Function of the college. Besides the students' union play an active role in ensuring welfare of students.

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

The General Secretary of the Students' Union is the Ex-officio member of the college Governing Body. Besides that, the General Secretary and other secretaries are members of the respective committee such as Library, Sports, Cultural, Hostel, Students concession etc.

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

At present the college has not formed any Alumni Association but initiative taken towards its formation. Physics departments has Alumni Association formed in 2007 and they meets bi-annually in the college campus to memorize their alumna matter and also organize a Blood Donation Camp and Seminar on current burning topics by external distinguished speakers.

Beside that the college observes its Annual Foundation day on 29th August every year, where a former teaching and nonteaching staff and one ex-student are invited and honored. On the same day all local former faculties and staffs are invited for interaction. Also different awards are given to the students for excellent performances in academic fields, Games & sports, NCC, NSS and other cultural activities.

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CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1   Institutional Vision and Leadership

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

Kharagpur College was founded on 29th August (Monday); 1949 in the premises of the Silver Jubilee School at Kharagpur, Puratan Bazaar. Soon thereafter; the College obtained a donation of nearly 40 bighas of land from Mrs. Saleha Khatoon, wife of late Nasir Ali Khan of Panchberia, Kharagpur. Construction of the College building started under the dispersal scheme of the State Government on the 2nd day of July 1951. Thus the college started functioning in its own building at the present site at Inda, Kharagpur.

Since its establishment, the founders of this college had a grand vision of providing higher education to the vast population amidst which it is located. Being the institution of higher learning the college has not only been rendering the basic service of providing higher education to a vast rural population; it also has been striving continuously to understand the educational needs of the local population and incorporate them in the college developmental plans as well.

Having introduced subjects like; education, geography, physical education and music, the college is trying to provide varied options for the students in pursuing higher education.

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

The Governing Body; the apex managing body of the college, consists of the principal as the secretary, representatives from teachers, students, non-teaching staff and local bodies. To formulate policies and plans of the college the Governing Body holds meetings at regular intervals. Apart from the Governing Body there are many other ancillary bodies like the Teachers Council, the Academic Council, and the Students' Union. Frequent meetings and discussions are held amongst such committees subsequent to which they submit various proposals to the Governing Body for proper functioning of the college.

6.1.3   What is the involvement of the leadership in ensuring :

The objective of the leadership is to:
- Form policy statements and action plans for fulfillment of its mission.
- Formulate action plans for all operations and incorporate the same into the institutional strategic plan.
- Make regular and frequent interaction with stakeholders.
- Provide proper support to its members for policy and planning through need analysis,

research inputs and consultations with the stakeholders.

- Reinforce the culture of excellence.
- Champion organizational change if any for the better progress of the institution.

The Governing Body of the College first lays out its plans and policies; nominates its members to form various sub-committees, which then carry out the pre-determined plans and policies of the institution.To get proper feedback about the implementation of its plans and policies the members of the Governing Body (teachers' representatives) periodically meets the faculties, staff and students as well.

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

For better working, the Governing Body formulates various sub-committees and in them it nominates its members to be part of that sub-committee along with members of other stakeholders. Principal is the ex-officio chairman of all such sub-committees. The function of these sub-committees is to look after the proper implementation of plans of the Governing Body as well as schemes approved by various bodies such as University, State Government, Central Government and UGC.

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

To give due importance to the faculties; the Governing Body has entrusted them with a lot of responsibilities. Apart from being actively involved in every decision making process of the college, they also play a vital role in the execution of the policies in the role of Bursar, representative to the Governing Body and as members of various sub-committees.

6.1.6 How does the college groom leadership at various levels?

At the student level; two students are selected from the winning party through proper electoral process to the posts of General Secretary and Vice- President of the College Management. The teachers and non-teaching staff elect their representatives to the college Governing Body. They play a definite leadership role in the Governance of the college.

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

Though the syllabus is framed by the University, the college provides utmost freedom to its teaching department for unitizing the syllabus for effective teaching of the students.

The teaching departments are given autonomy in running the departments, The students' union too take an active interest in smooth and proper functioning of the departments viz. in the regularity of the teaching sessions. The authority finds an amicable solution to any problems in the organised running of the departments.

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

Yes

- Four teacher's representatives find place in the Governing Body.
    a. Two Non-teaching representatives are elected from the Non-teaching staff as well to the Governing Body.
    b. The elected General Secretary is the member of the Governing Body
    c. To look after the financial matters of the college one teacher is appointed as bursar
    d. For better management and participation various sub-committees are formed such as Finance Sub-committee, Academic Sub-committee, Building sub-committee, Purchase sub-committee and Development Sub-committee. These Sub- Committees are formed by the Representatives from Teachers, Non- Teachings and Students' Union.

6.2   Strategy Development and Deployment

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

By continuous evolution of certain set practices the College strives to provide quality education to the rural and urban students.

To ensure regularity and punctuality in classes, the attendance of students are regularly monitored and notified to them on monthly basis. The students who are found to be irregular and undisciplined are censured in the classroom itself; and sometimes in extreme cases debarred from appearing subsequent internal assessment tests.

To maintain discipline in the college, continuous monitoring of the students is made by the Principal, Teacher-in-charge and Teachers on a regular basis.

Principal, Teacher-in-charge and senior teachers periodically visit different departments and meet the students and teachers of the departments to become aware of their problems and try to resolve them.

The Academic Sub-Committees prepare a road map at the beginning of the session for advancement of academic standards which is also reviewed in regular basis.

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

The development of the institute has been undertaken on a strict set of guidelines since long. While academic expansion remains of utmost importance, creating infrastructure has also been given foremost priority for the proposed academic expansion. Engagement of qualified faculties for teaching jobs from the college resources in addition to sanctioned posts is another policy which has been taken into consideration in the development of the college.

It is the needs, development, education and proper training of the students which become the backbone of the plans conceived, designed and executed by the college.

6.2.4   Describe the internal organizational structure and decision making processes.

At a different strata, the Students' Union and the Non-Teaching Staff union are the bodies whose ideas and proposals are discussed in the Teachers Council meetings. The decision and recommendation hence appeared in such discussions of the Teachers Council are deliberated in the concerned sub-committees like Academic Development Sub-Committee, Finance Sub-Committee, Development Sub-Committee etc. Their recommendations are discussed in the Governing Body, then plans are chalked to be executed by the various sub-committees.

6.2.5   Give a broad description of the quality improvement strategies of the institution for each of the following :-

<u>**Teaching & Learning :**</u>
The policies for developing Teaching learning process are discussed in the Academic Sub-Committee where all HOD's suggestion are carried out by the faculties in the Teaching learning activities.

<u>**Research & Development :**</u>
The Research Sub-Committee advices and plans for the research activities of the college.

<u>**Community engagement :**</u>
The Advisory Committee of the 2 (two) NSS Units decide on the Community Engagement to be taken by the College through its NSS Volunteers.

<u>**Human resource management :**</u>
The Guest and Temporary faculties are engaged to augment vacant full time posts and eminent scholars of the concerned field are also invited to deliver special lecturers. In some cases teachers from a particular discipline with expertise are encouraged to take class of other disciplines to bring about a multidisciplinary approach to class room teaching.
For smooth administrative activities contractual and part time staffs are also engaged in the Non-Teaching sector so that the administrative activities could run unhampered.

<u>**Industry interaction:**</u>
Industry interaction is a healthy practice of the College for identifying the position of academic growth in the College. In the age of liberalization, there are ample opportunities in different industries. Keeping in minds this idea, almost in every year industrial training is conducted by the Dept. of Commerce of this college. In this program eminent resource persons participated and convey valuable messages and opportunities for the final year commerce students. Beside of this, our college has arranged career counselling programs on regular basis in which some of the reputed companies e.g. Concentrix, Techno India visited and recruited some of our final year students in the recent past. We have also entered into agreements with some of the reputed enterprises like "ADS Enterprise", ADAMAS UNIVERSITY for career advancements of the students and with Reliance Jio to install Wi-Fi cables in the college campus which will be freely accessible for college authority, students.

6.2.6   How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

To update himself and the institute with the latest development Principal or T.I.C as the Head of the Institution always remains in personal contact with UGC, State Govt., University and Industry. Through internet connectivity; latest information is disbursed among staff members and students by the Principal to keep the staffs updated with the current developments.

The Principal also holds periodic meetings formally and informally with various stake holders to obtain feedback which he conveys to the Governing Body and staff on the basis of which further action plans and review of the College activities are done.

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

The management frames policies for the staff involved in various institutional activities. For the overall growth of the institution the management encourages and allows utmost freedom to the staff to bring in idea and initiate action. Thus it is the policies of the management to encourage and involve all the staff in effective and efficient running of the institution.

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

Apart from various administrative decisions made by the Governing Body, many decision taken by the Governing Body which is worth monitoring.

i)   Provision of smart class room.

ii)   Medicinal garden in front of the Botany Department.

iii)   5000 new benches have been provided in different class rooms.

iv)   Separate light installation has been made in the Girls' Hostel based on Solar energy.

v)   Development of Online admission software through IIT Kharagpur.

vi)   Wi-Fi connection in college campus.

vii)   Andhra Bank ATM within college campus.

viii)   Three submersible pumps installed for lifting drinking water in the college campus.

ix)   Well defined college campus by constructing boundary walls.

x)   Air conditioned facility installed in the Auditorium with capacity more than 300 people.

xi)   A new board room constructed for conducting various meetings.

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

Through the Affiliating University the Govt. of West Bengal has started the provision of autonomy to an affiliate institution from this year only. The college is yet to take any effort in this direction.

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

There is a grievance redressal Cell which holds immediate meeting to resolve grievance, if any, to promote peace and harmony in the College.

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

Court Cases have not been filed by the College, nor has any case been filed against it in the last four years.

6.2.12 **Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?**

Yes, there is a process to obtain feedback from the students and through discussions in the academic sub-committee meetings the feedbacks are analysed on a regular basis to take steps for improving the academic activities.

6.3 **Faculty Empowerment Strategies**

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

The following efforts have been taken by the College to enhance the professional development of its teaching and non-teaching staff-

- Total computerization of the office work through LAN.
- Through Computer Training in the College Computer Lab all Office Staff are made literate in handling computer.
- Teachers are provided with Laptops for use of Information and communication technology (ICT) in teaching learning process.
- Internet connection and Desktop Computer in each Department.

- Provision of LCD monitors for each teaching department.
- The library is provided with computer and Internet connection for maintaining its records properly.

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

For proper use of ICT in every aspect of the College all the Teaching and Non-Teaching staffs are made computer literate and to remain updated in ICT periodic training is provided to them as well.

To update their knowledge and use those in classroom teaching the teaching faculties are also encouraged to attend Refresher Courses, Orientation Courses and Seminars.

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

The College follows and maintains a rigid performance appraisal system for the Teaching and Non-teaching Staff. The career development of a staff is made possible on the basis of such records.

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

Periodic review and scrutiny of the performance appraisals of the staff and faculties is done which is then communicated to them for necessary improvement in their performance.

6.3.5   What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Staff Co-operative Society	40%
Free Health Check-up.	75%
Group Insurance	100%
Personal accident and Medical Insurance	80%
Canteen	100%
Festival Bonus to selected employees	60%
Free Laptop to teachers with Pen drive and internet connectivity.	Nil

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

College in the present system does not recruit permanent staff of its own as it is done through College Service Commission. Eminent faculties are invited and Guest faculties are engaged for imparting knowledge. Distinguished academicians from different disciplines are invited as well to deliver special lecture to students.

6.4   **Financial Management and Resource Mobilization**

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

There is a financial Sub-Committee which monitors the appropriate use of available finances. One member from the Teaching Staff is appointed as Bursar of the College for 2 (two) years to look after the financial aspects of the College on behalf of the Principal. The decision of the Finance Sub-Committee, Purchase Sub-Committee and Bursar is approved by the Governing Body. Yearly audit of the College finances is made on a regular basis and college accounts are jointly operated by the Principal, as Secretary and the President of the Governing Body.

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

The Internal Management surveys the financial matters via the Finance sub-committee and the Bursar. For auditing the college finance the Govt. appoints external auditor every year. Audit has been completed till 2013-14 and is under process for the years 2014-15 which will be completed shortly.

The only point of disapproval in the last audit was the closure of the inoperative accounts of the college which have been subsequently complied with.

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

Institutional Receipt / Funding

Year	Grant-in-Aid from State Govt.	UGC	Fees collection	Total
2011-12	52783448	10640500	3726070	67150018

2012-13	52270787	2425642	2591780	57288209
2013-14	68894551	5893750	4221413	79009714
2014-15	57721200	4087000	5659000	67467200

Deficit whenever occur is managed through college own resources.

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

Year	MPLAD	Donation	Total	Remarks
2011-12	NIL	NIL	NIL	---
2012-13	NIL	NIL	NIL	----
2013-14	NIL	50000	50000	For prize and medal to the topper of the M.A. Bengali and B.A. Gen among the regular student at University examination.
2014-15	NIL	NIL	NIL	---

6.5 Internal Quality Assurance System (IQAS)

6.5.1 **Internal Quality Assurance Cell (IQAC)**

a. **Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

The IQAC of the College constituting of the following members:

1. Dr. Dilip Bhattacharyya; Associate Professor; Medinipur College
2. Dr. Bidyut Samanta; Associate Professor; Panskura Banamali College
3. Prof. Tarun Kumar Ray (Co-ordinator)
4. Dr. Achintya Chattopadhyay, Associate Professor; Department of Bengali
5. Dr. Bimal Krishna Das; Associate Professor; Department of Mathematics
6. Prof. Rabindranath Nath Changdar; Associate Professor; Department of Commerce
7. Prof. Debasis Aich; Assistant Professor, Department of Mathematics.
8. Prof. Kuntal Das, Assistant Professor; Department of Economics

9. Dr. Jagmohan Acharya; Assistant Professor; Assistant Professor; Department of Sanskrit.

10. Dr. Subhabrata Chakrabarti; Assistant Professor; Department of Economics

11. Dr. Indranil |Chakraborty, Assistant Professor; Department of Chemistry

To maintain and advise the staff and management on quality assurance process the Governing Body has constituted the IQAC. The IQAC discusses matters related to academic, administrative and financial management and gives its recommendations to the Principal for necessary action in consultation with the concerned departments/authority. The IQAC also processes the Career Advancement Schemes of teachers.

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

Being the nodal agency of the institution IQAC always tries to promote and works for advancement of the academic and administrative performance of the institution consistently and in a continuous manner. The following recommendations of the IQAC were implemented by the college authority:

- Plans to shift the Central Library to a new building.
- To upgrade Library, ICT and other facilities in each department.
- Upgrade the Boys' and Girls' Common Room.
- Proper monitoring of the quality parameters, quality sustenance and enhancement.
- Books, magazines and journals are provided on regular basis to strengthen Career Counselling and Placement Cell.
- Enhanced employability by introducing additional interdisciplinary programmes.
- Sensitize students to ecological and environmental issues
- Conduction of Faculty development programme every year
- Facilitate financial support to the students for obtaining various scholarships.
- Continue Remedial coaching classes for SC, ST, OBC and Minority students under UGC scheme.
- Strengthen ICT facility
- Hardware and software up gradation.
- Indoor sports complex and swimming pool construction projects are already underway.
- Enhance Medical facilities.

c.   Does the IQAC have external members in its committee? If so, mention any significant contribution made by them.

Two external members are nominated by Governing Body as member of the IQAC. Their contribution and inputs are beneficial for the IQAC because of their long experience in the field of Higher Education. The members are:

1.   Dr. Dilip Bhattacharyya; Associate Professor; Medinipur College

2.   Dr. Bidyut Samanta; Associate Professor; Panskura Banamali College.

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

Only Physics department of the College has its Alumni association. The college is trying hard to construct an Alumni association in general. Some of the retired teaching and non-teaching staffs were alumni of the college.

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

The members of the IQAC include representatives from different constituents of the institution. The IQAC Committee, through those representatives, often interacts with different constituents to obtain feedback for effective implementation of its policies.

6.5.2   Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

The personal appraisal reports of the Teaching and Non-Teaching staffs, Departmental reports of its activities and activities of the students are submitted to the IQAC. The IQAC also monitors the monthly attendance reports of the students prepared by the office. Thus there is an integrated frame work for Quality assurance of academic and administrative activities.

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

Through the initiation of the IQAC, training of all staff has been provided concerning the use of ICT in their daily activities in the College. The IQAC hold special sessions to update the staff for quality enhancement of their duties as a result of which use of modern technology in class room teaching as well as office

administrative work has been going on swiftly. The teaching and non-teaching staffs remain responsive to the needs of the students. Through the initiative of the IQAC, a sense of discipline and proper behaviour has been inculcated in the students.

6.5.4 **Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?**

The Academic Sub-Committee hold the Academic audit of the College periodically at institutional level which, in turn, contributes to a positive growth in the learning process of the College. Besides, the College submits Academic Audit report to the University at the end of each session for their information and necessary action.

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

The planning of policies and its implementation by IQAC is done in line with requirements of regulatory authorities such as University, Department of Higher Education, West Bengal and UGC. Moreover the IQAC cell has been constituted and has been functioning as per the guidelines framed by the Quality Assurance Agency (NAAC) and UGC.

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

The Academic Sub-Committee frames broad guidelines of teaching activities of the College for the session at the beginning of the academic session. For effective implementation these are discussed in the departmental meetings. The department submits copies of their academic planning, unitization of syllabus and proposed activities of the session to the IQAC. Such copies of their academic planning, unitization of syllabus and proposed activities of the session are checked and periodically reviewed by the Principal along with the Teachers' Representative of the Governing Body. The findings are placed and discussed in the Academic Sub-Committee meetings for corrective measures to be undertaken by the departments if any; advised by the Committee. At the end of a session a review meeting is held by the Academic Sub-Committee which again prepares planning for the next session.

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

The policies and mechanisms relating to quality assurance are included in the prospectus of the College for the information of the students and the outcomes are reported to the Governing Body. The IQAC regularly organizes meetings with various stake holders like teachers, non-teaching staff, students, NSS units, the Alumni Association of Physics, guardians of the students and interacts on issues relating to improvement of quality and on areas that need attention.

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

NIL

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CRITERION - VII

7. INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

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

Till date there is no formal green audit by any external agency in the institution, but he main focus of college has been to keep the campus eco friendly. The College has 02(Two) NSS Units with 110 student volunteers. Regular plantation and nurturing the plants in the College campus has been one of the major activities of the NSS volunteers. Besides that, Teachers of the College conduct the auditing by periodic inspection of different units to ensure that college campus remains eco-friendly. The college campus is highly environment friendly with a huge green with a large number of big and small trees like Sal, Teak, Mahogany, Mango, Palm, Tamarind, Neem etc. Seasonal flowers in the gardens make the environment of the college very beautiful. These are nurtured and properly maintained by the students under the supervision of the Teaching & Non Teaching staff of the college. At the centre of the college there is a big pond of nearly 4800 sq metre, which is properly cleaned and maintained throughout the year. This pond not only enhances beauty of the college, but helps in maintaining the ecosystem as well. The college with the help of the NSS & NCC units maintains four gardens inside the campus. Use of plastic cups, polythene carry bags etc has been restricted inside the college campus.

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

To keep the College campus eco friendly, the College authority has taken various steps not only for sensitizing the staff and students of the College but also by initiating some concrete steps.

Saving energy in the best possible way

Attempts have been taken to make it sure that the class rooms get sufficient natural light and air to reduce the need for artificial lighting and cooling. The departmental teachers & non teaching staff keep strict vigilance on the proper utilization of electricity especially when it is not necessary. Students of the college are also cautious about switching off the fans & lights after completion of the classes. In Laboratories utmost care is taken to save Gas & Electrical energy during and after the practical classes by not running any electric equipment unnecessarily. Attempts have been made to replace existing energy consuming tube lights, Sodium Lamps, and fans by energy saving tubes, CFL, and fans with lower consumption as much

as possible. Old computer monitors are replaced to a great extent by LCD Monitors to reduce electricity consumption and level of radiation. The college has three Kirloskar green generators to have a smoke free and noise free standard frequency energy resource. Energy consumption in the hostels are closely monitored by turning off power during day time and CFL sets are installed to minimize the consumption of energy. Sweepers regularly check the taps

Use of Renewable Energy:

The College has attempted for installation of solar energy panels in the campus .Installation of Solar Panel has contributed to the security of the Girls' hostel campus by illuminating a great portion of it at night. Plans are being taken to provide power supply to different parts of the college campus with the use of solar panel.

Water harvesting :

At the centre of the college there is a big pond of nearly 4800 sq metre .The water of the pond is used for non drinking purpose such as for the watering of trees, construction and other repairing work of the building, cleaning of Toilets etc. Ground water is used mainly for drinking purpose. Thus the institution seeks to reduce the practice of consuming ground water for regular activities and contributes to the preservation of ground water resources to a certain extent.

Efforts for Carbon Neutrality :

In Kharagpur College, certain preventive measures have been taken to check the emission of Carbon Di-Oxide inside the campus. The College has created a parking place for the parking of the vehicles of the students and staff nears the entrance so that carbon-emitting vehicles cannot enter a long way inside the campus. Care is taken to keep the campus smoke free. Three low carbon-emitting Kirloskar green generators have been installed in the college.

Plantation

The college itself is rich with a huge green coverage consisting of a number of large & small trees. We have four well maintained gardens inside the college campus. Students of the college not only clean the garden but take initiatives to nourish the trees and the flowering plants. Plantation is regularly done in the campus by the NSS volunteers throughout the year and a special drive is taken on the college foundation day every year.

Hazardous Waste Management :

The College does not generate hazardous waste to a great extent. Solid wastes are disposed in closed containers stationed at various points within the college premises and they are regularly cleaned away by paid staff. Emphasis to be put on the purchases of bio-degradable equipment. Hazardous effluents from laboratories

of certain departments are disposed in the pits dug in the ground which are covered safely so that they cannot cause any harm.

E-waste Management :

Electronic waste, such as discarded computers, office electronic equipment and refrigerators etc. are stored in a separate area and sold out when the stock reaches a certain extent. These items are sold to some hawkers and waste material purchasers under the supervision of the authority.

Minimization of Visual Pollution :

Visual pollution is a severe problem. It hampers the beauty of the campus. To get rid of it a collective effort of the stakeholders of the college has ensured that no posters or advertisements are stuck on the walls of the building inside the campus. Certain notice boards have been allotted by the college authority for pasting notice, poster etc.

7.2   Innovations

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

During the last four years the College has taken many innovative innovations in almost every sphere which have exerted a positive influence on the smooth functioning and progress of the college. Some of these innovations include the followings:

➢ Meeting the requirements of the changing time, the institution has updated in the website of the college. All the relevant information regarding the institution and its activities has been made available on it. It has facilitated the process of online application during admission especially outstation students.

➢ The administrative section has been computerized to a great extent. Computerization has been introduced in fields like Fees and other cash collection, Pay Roll, Accounts, Monitoring of P.F, and Records etc. Through the computerization of the administrative work the use of man power has been optimized and the administrative works have become easier and less time consuming. The state government has also provided the college COMPUTERISATION OF SALARY ACCOUNT (COSA) software and requisite training for smooth functioning of the Accounts section.

➢ There are 10 BSNL broadband connections in the college campus, which enhance the scope of learning, getting any required information and communicating to others readily.

➢ Learning is made more student-centric. Parallel to the chalk and talk method, the institution encourages the faculty to adopt new and innovative approaches through

the introduction of Computer and Internet, LCD Projects, OHP, field work, visit to industries, socio-economic surveys, health surveys etc.

➢ In some cases, the practice of inter-departmental exchange of faculties improves quality of teaching and allows optimum utilization of in-house expertise, particularly addressing the interdisciplinary topics introduced in the revised syllabus.

➢ The college authority has installed two CC TV cameras at the main entry point of the administrative section and in the Principals chamber for proper surveillance of its valuable resources.

➢ The college has appointed external security agency for proper maintenance of its resources round the clock.

➢ There is an NGO in the college campus for helping the students

➢ There is a branch of ANDHRA BANK (a nationalized bank) within the Kharagpur College campus which facilitates the online payment of the cost of Admission form. The bank also provide facilities like opening of new accounts of students, Payment of Salary and bills to the staff members of the college.

➢ A large seminar hall' H.B.SARKAR MEMORIAL HALL" named after the Founder Principal of Kharagpur College has been set up in the college. Various National & State level seminars are organized for the advantage of the students and teachers as well. The hall has recently been made fully Air-conditioned. The college authority also provides the hall to different Govt and Non Government organizations for conduction academic and administrative interest. Apart from this another seminar room has been set up with the facility of interactive classroom facilities where different classes are held along with some departmental seminars.

➢ The college has an open dais amidst of large trees beside the pond where different cultural and other programmes of the college are conducted very often in a very charming and peaceful ambience.

➢ A good number of Aquaguards fitted with water coolers have been installed in different corners of the college for the use of students, Teaching & Non teaching staff.

➢ Manual merit selection procedure is replaced by computerized system.
➢ A well equipped fully Air-conditioned Computer laboratory consisting of 33 (Thirty three Desktop computers) has been set up in the department of Computer Science easily accessible to the students and staff of the college.

➢ All the Science laboratories have been equipped with new instruments, glass goods, reagents etc.
➢ In different segments of the College internet connectivity has been established.

- The old library has been shifted to the new Central library "JIBANANADA PATHAGAR" which is the way of digitalization. During the last four years a huge number of books & Journals have been purchased for the library. The new library building has been set up at one end of the college campus with a very comfortable reading room.

- Most of the Blackboards are replaced by green glass boards and some departments use LCD projectors for classroom teaching. Apart from this a new SMART CLASS room equipped with interactive board has been set up.

- Installation of audio system in the big classrooms has been done so that even the students of the last bench can follow the delivered lecture properly.

- Research Laboratory to carry out Dusty Plasma experiment developed by Dr. Jyotirmoy Pramanik, Asstt Prof. Department of Physics under the financial support by DST Govt, of India in Major Project scheme.

- Kharagpur College Alumni Association has been formed to maintain the good relationship between the college and old students. But the Dept of Physics of this college has already formed a Physics Alumni association since 2007 and the members of this association meet in the college campus biannually. Also they organize Blood donation camp and Seminar time tot time.

- The institution has introduced many new innovative practices to help the students in their pursuit of attaining quality education. The college has introduced Remedial Classes for the students. This has helped them to cover up their back log, if any. Departments especially Laboratory based departments take extra practical classes beyond the stipulated routine so that they get a chance to brush up their skills further. The college has also started a new innovative technique to help the students to revise their syllabi. Teachers usually take tutorial classes for back log students and to revise the syllabus elaborately. This helps our students get rank in University examinations and improve the pass percentage.

- **Introduction of P. G. Courses and U.G. Courses:** With regard to academics, the College has introduced regular Post-Graduate course in Bengali since 2006. In B.A. General Courses in a new subject Physical Education has been introduced from 2006-07 session. Introduction of Physical education has created a strong impact on the sports & Athletic area. This is reflected in the performance of the students in inter college sports & athletic meet in University and state levels.

- Kharagpur College organized West Bengal Inter College Athletic Meet and Football Championship -2013 during 08.02.2013 to13.02.2013.

- A new girls' hostel has been set up during 2013-14 session. The hostel has been made in such a way that the students can stay comfortably. This has been beneficial for the girl students of the college to stay in a secured zone in close

proximity of the college.

- All departments have been provided with separate staff enclosures equipped with Desktop Computers with internet facility. This has provided the faculty members a scope to utilize their time for preparation of their classes and research works.

- The College has introduced the practice of collection of feedback from the students. Analysis of such feedback help the college authority and faculty understand different areas of their strengths and weaknesses which later on contribute to the modification of policies and adoption of requisite measures.

- During the last few years Industrial Training Programmes have been conducted by the department of Commerce where students from different colleges participated. Dignitaries from IIT Kharagpur, Universities, Industrial Development Corporations , department of Income Tax, and different Industries have enriched the programmes as resource persons. The training camp created deep impact on students for being good entrepreneur in future.

- **Faculty members of the college are appointed as experts in different educational institutions such as:**
  1. Subject experts in recruitment process of teachers
  2. External experts for taking Viva Voce
  3. Resource persons in National & International Seminars.

- During last few years, organization of seminars in which students are the main speakers and listeners under the supervision of departmental faculty members has been a special feature of the departments.

- The College has encouraged research works by teachers. At present one Major Research project and one Minor Research Projects are being run by the faculty members. Five teachers of the college have applied for Minor Research Projects grant from UGC under XII plan. The department of Commerce has published two Seminar Proceedings with ISBN no 978-81-928-721-8-5 and 978-81-928-665-0-5. Students have also become interested about the journal

- Such construction has facilitated conveyance from one building to another especially in the rainy season.

- A good number of fire extinguishers have been installed in every departments, library, administrative section, Seminar hall etc.

- Identity cards have been issued to the current students of the college and it has been made mandatory for each student to hang his/her Identity card during entering the college. In this way it has been ensured to maintain peace and discipline by restricting outsiders to enter the college campus without the

permission of the college authority. Staff identity card has also been issued to every staff members of the college.

➢ Women's cell of the college has organized some Gender Sensitization programmes.

➢ Each Honours Teaching Department are encouraged and provided with facility of having Wall Magazine of their own and students of the Departments express their creative talents.

➢ There is a cheap book store inside the campus where students can purchase different text and reference books in concessional rate.

➢ Twenty Four Fire extinguisher are installed at several strategic locations including Laboratories, Library and offices. Trainings were imparted to some staffs at the time of installation.

7.3   Best Practices

7.3.1   Elaborate on any two best practices, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

A.   The Best Practices - I

1) Title of the Practice:
" Online Counseling and Admission".

2) The Context:
For maintaining transparency of admission process.

3) The Objectives:
As per schedule, the students and guardians are able to know the admission related information like eligibility, schedule, fee structures, intake capacity etc., the merit list, merit position and prospect of admission in the desired subjects from remote places.

4) The Practice:
In order to remove the problems and difficulties of offline admission, the college has started online admission for the UG and PG courses from 2015-16 session. Accordingly, a separate

webpage was opened for smooth running of the admission process. A separate committee was also formed to maneuver the said program.

5). Evidence of Success:

Students who applied online, were fully satisfied with the system due to less hazards and saving of times and ultimate relief. The success of online admission in UG & PG courses encouraged the college authority to upgrade the software from the forthcoming session.

6) Problems Encountered:

The students from remote areas have least scope for internet facilities. Accordingly, some prospective students lost the opportunities of having the admission in our college.

7) Resource Required:

More fund is required to maintain own server for eliminating occasional server and internet related hazards. Dedicated computers and faster broadband with good bandwidth are also required.

B.   The Best Practices II

1) **Title: Water Quality testing and maintenance**

2) **The Context:**
   Supply of quality drinking water to all.

3) **The Objectives:**
   Contaminated water is the route of the water borne diseases which are common to locality like ours. Testing of the presence of pathogenic bacteria in the overhead water tanks and the ground water from the mouth of water lifting pump are done periodically by the Public Health Engineering Department, Kharagpur and water treatment, cleaning of water tanks are done regularly. Again, installation of water purifiers in different locations of our institution has also made a positive bearing in this respect.

4) **The Practice:**
   Our students and staffs are using all the purifiers in an effective manner. They keep proper vigilance and any disorder of the purifier machines is reported by them immediately resulting in quick action for that to be made into working condition.

5) Evidence of Success:

Due to use of purified and well treated drinking water, the mind-set of our students changed regarding health and hygiene issues. Many of the students are even accustomed to use this purified water by carrying it to home. As per verbal discussion with the students, it appears that the occurrence of water borne diseases declined significantly in recent times.

6) Problems Encountered:

Huge number of students, their demand for purified water and insufficient number of machines create some problems occasionally, especially in summer. It is also to be noted that the summer is the university examination time when large number of parents of the examinees of other colleges also demand the purified water. Besides improper handling of purifiers by some of our students, especially the outside students, disturbs some purifiers which pose some problem like more repair and maintenance expenses and scanty supply of purified waters at some locations.

7) Resource Required:

More number of water purifiers including 3coolers (for summer season) are required to meet the need of the huge number of students. It also requires huge fund to meet the said amenities. But lack of sufficient fund creates some hindrance in this respect.

8) Contact Details:

Name of the Teacher in Charge: Dr. Kaushik Kumar Ghose
Name of the Institution: Kharagpur College, Post - Inda, Kharagpur
PIN - 721305, Paschim Medinipur, West Bengal, INDIA
Work Phone: 03222-225920
Website: www.kharagpurcollege.ac.in
E-mail: kharagpurcollege@gmail.com
Mobile: +919474384852

Departmental Profile

1.

Department of Bengali

EVALUATIVE REPORT THE DEPARTMENT OF BENGALI

(To fill up the profile you can visit the SSR report of Kharagpur College)

1.	Name of the Department	:	UG & PG Studies in Bengali	

2.	Year of Establishment	:	UG General	: 1949
			UG Honours	: 1972
			PG Bengali	: 2006

3. Names of the Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters, Integrates Ph.D., etc.)   :

Level	Courses
UG	B.A. in Bengali (Hons. & Gen.) (Affiliation with the Vidyasagar University)
PG	M.A. in Bengali (Affiliation with the Vidyasagar University)

4.	Name of Interdisciplinary Courses and the departments/ Units involved	:	NIL
5.	Annual/ Semester/ Choice based Credit system (programme wise)	:	Annual (UG), Semester (PG)
6.	Participation of the department In the courses offered by other Departments	:	The department is actively involved in B.A. Hons.and M.A Courses offered by other departments through teaching the combination subject of Bengali as a General.
7.	Courses in collaboration with Other Universities, Industries, Foreign institutions etc.	:	NIL
8.	Details of courses / programmes discontinues (if any) reasons.	:	NIL

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor	--	04
Asstt. Professor	07	03

Teachers are appointed as Assistant professors, Associate Professors are designated through promotion only.

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

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Dr. Achintya Chattopadhyay	M.A., M.Phil, PhD	Associate	Drama	32	Nil
Sri Ranajit Biswas	M.A.	Associate	Drama	31	Nil
Dr. Tapas Kumar Bhattacharya	M.A., PhD	Associate	Modern Bengali Fiction	21	01
Dr. Kaushik Kumar Ghose	M.A., PhD	Associate	Modern Bengali Fiction	18	Nil
Sri Amar Adikari	M.A. Pursuing PhD from Vidyasagar University	Assistant	Drama	08	Nil
Sri Sujit Mondal	M.A. Pursuing PhD from Vidyasagar University	Assistant	Folk-Culture	08	Nil
Sri Mintu Naskar	M.A. Pursuing PhD from University of	Assistant	Medieval Bengali Literature	01	Nil

Calcutta					
GUEST TEACHER FOR P.G.					
Dr. Amar Kumar Saha	M.A.	Assistant	Fiction	-	-
Dr. Jagamohan Acharya	M.A. PhD	Assistant	Veda, Grammar	-	-
Sri Samrat Sengupta	M.A.	Assistant	Indian Literature in English, Literary Theory	-	-
Sri Jayanta Kumar Murmu	M..A.	Assistant	Post 50s British Literature	-	-
Sri Soumyabrata Sil	M..A.	Assistant	Cultural Studies and Modern Fiction	-	-
Sri Santanu Mandal	M.A. (Pursing PhD from Rabindra Bharati University)	Part-Time Teacher(Govt. approved)	Kavya	-	-
Smt. Lili Halder	M.A.M.Phil. (Pursuing PhD from Jadavpur University)	Guest	Linguistic	-	-
Sri Debjit Pal	M.A.	Guest	Linguistic	-	-

11.   List of senior visiting faculty   :   NIL

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

Programme	% of Lecture delivered
M.A. Sem -I	25%
M.A. Sem -II	25%
M.A. Sem -III	20%
M.A. Sem -IV	15%

Programme	Honours	General

13. Students- Teacher Ratio :
     (Programme wise)

B.A. Part-I	21:1	
B.A. Part-II		
B.A. Part-III		
M.A.		

14. Number of Academic support :
     Staff (Technical) and administrative
     Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	-	01
Administrative staff	-	05

15. a) Qualification of teaching faculty :

Name	Qualification
Dr. Achintya Chattopadhyay	M.A., M.Phil, PhD
Sri Ranajit Biswas	M.A.
Dr. Tapas Kumar Bhattacharya	M.A., PhD
Dr. Kaushik Kumar Ghose	M.A., PhD
Sri Amar Adikari	M.A.
Sri Sujit Mondal	M.A.
Sri Mintu Naskar	M.A.

15. b) Qualification of Guest Teacher for PG:

Name	Qualification
DR. Amar Kumar Saha	M.A. PhD
Dr. Jagamohan Acharya	M.A. PhD
Sri Samrat Sengupta	M.A.
Sri Jayanta Kumar Murmu	M..A.
Sri Soumyabrata Sil	M..A.
Sri Santanu Mandal	M.A.
Smt. Lili Halder	M.A.M.Phil.

16. Number of faculty with ongoing :
     NIL
     Projects from a) National b) In-
     ternational funding agencies and
     grants received.

17. Departmental projects funded by :   NIL
     DST-FIST, UGC, DBT,ICSSR,
     Etc. and total grants received.

18. Research center / facility :   NIL
     Recognized by the University

19.   Publications (2011 onwards)   :

Articles in Journals/Magazines					
Dr. Achintya Chattopadhyay					
Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1)	Bangla Jiboni Natak- p121	2012	Banglar Mukh	ISBN-978-81-921186-6-6	Sole Author
2)	Kolaj Shilpi : Bibhutibhushan Mukhopadhyay- p-137	2012	Bangla Choto Golpo: Nababikshan	ISBN-978-81-920678-9-6	Sole Author
Sri Ranajit Biswas					
1)	A Amar Desh Bharatvhumi-	2012	Sukumar Sristir Nana Kotha	ISBN- 978-81-902033-6-4	Sole Author
2)	Maikel Madhusudhan Dutter Prohasaner Samaj Bhabna-	2015	Natyaporichay	ISBN-978-93-81554-16-6	Sole Author
Dr. Tapas kumar Bhattacharya					
1)	Mahasweta Devir Chhotogalpo-	2012	Dove Publishing House		Sole Author
2)	Anubartan: Shikhak Jiboner Kotha	2014	Dibaratir kabya		Sole Author
3.	Banafuler Rachana Samagra (6th –Khanda)	2012-2013	Banisilpa		Introduction Essay
Dr. Kaushik Kumar Ghose					
1.	Ansshumaner Katha :	2012	Bangla Bivagio Patrika, Bishavarati		Sole Author
2.	Akta Sapna, Bangla Bhasa :	2012	Punarmilan Patrika, Shikshasatra, Bishavarati		Sole Author
3.	Birbhum Prasanga O Rabindranath	2012	Katha O Sahitya Potrika		Sole Author
4.	Shib Prasanga (Tulanamulak Path)	2014	Brimbhaputter Dhue		Sole Author
Sri Amar Adikari					

1.	'Bharater Pathikrit:swami vivekananda.'page no-130-136	2013	Nabyasrote	ISSN No-2249-8133	Sole Author
2.	Amar Mitrer Chhoto Galpo:Samaj jiban Annyeasan	2014	Kobitika	ISBN No 978-93-81554-90-6	Sole Author
3.	Amar Mitrer Tinti Chhoto Galpo:Samaj Bhabaner Aloke	2014	Jaladharchi	ISSN-2347-5056	Sole Author
4.	Jar karmya O bani Ajo Bharatbasir Jiban Bede.	2014	Sangbadh Saptahik APANJAN-11		Sole Author
5.	Rabindra Natake Nari : Vinnya Aloy	2015	Nabyasrote		Sole Author
6.	Mahasweta Devir Chotogalpe Bratya Samaj Jiban : Charaker Aloke	2015	Seminar Procedings		Sole Author
7.	Sahitya Charchay Sampritibhabna Page -18	2015	Seminar Procedings		Sole Author
Sri Sujit Mondal					
01)	Rabir Kirone Lokayata Bhuban	2014	Bangiyo Shahitya Sansad	ISBN No. 978-93-82012-81-8	Sole Author
02)	Bangla Choto Golpo Ekaler Sanglap	2013	Kolkata Boi Mela	ISBN No. 978-81-925349-1-6	Sole Author
03)	Loke Sanskriti Natuner Bhabnay	2013	Dove Publishing House	ISBN-978-9382399-04-9	Sole Author
04)	Bangla Choto Golpo: Nababikshan	2012	Bangla Choto Golpo: Nababikshan	ISBN-978-81-920678-9-6	Sole Author
05)	Pratibader Upanayas	2012	Banglar Mukh	ISBN-978-81-921186-7-3	Sole Author
Sri Mintu Naskar					
1)	Jagari :Rajnitir Antarale Manabatmar Anneshan, Pp-217-223.	2011	*Tabu Ekalabya,*	ISSN-0976-9463	Sole Author

2)	Samaresh Majumdar ;Bahumatrik Jibonbastabatar Kathakar, Pp-376-389	2013	*Tabu Ekalabya,*	ISSN-0976-9463	Sole Author
3)	Satyajiter Charti Chitranatya :Mahanagarik Bastobatay Madhyabitter Sankat,Pp-7-13	2012	Angik		Sole Author
4)	Nilkantho Pakhir Khonje :Biponno Somoy O Chinnomul Astitwer Sankat, Pages-169-184.	January 2013,	*Itikotha,*	ISSN-2320-3447	Sole Author
5)	Sangrup Bichare Raja O Rani : Tragedy Na Melodrama, *Rabindranather Raja O Rani : Natun Bhabnar Aloke,* Pages-167-175.	April 2014	Pragya Bikash,	ISBN-978-93-81684-61-0	Sole Author
6)	Ramkumar Mukhopadhyay :Sukha Desh Ar Bhukha Manusher Kathakar Pp-121-136	2014	*Research Journal Of Bengali Language and Literature,*Vol-1, University of Calcutta		Sole Author
7)	Mahasweta Devir Chotogalpe Protifolito Biharer Dalit Samaj, Pages-58-59.	2015	*Inquest journal,* Seminer Procedings	ISSN-2348-6813, Oct-2015,	Sole Author

Publication of Books:				
Dr. Tapas Kumar Bhattacharya				
Sl. No.	**Name of the Books**	**Year**	**Details of Pub.**	**ISBN**
1)	Kathantatya O Bangla Upannyas	2011	Bhasabandhan	
2)	Kathagathan	2012	Banishilpo	
3)	Kailash Khamarir Jibon O Somay	2014	Chapachapi	
4)	Nirbachita Galpo (vol-3)	2015	Banishilpo	
5)				
Sri Sujit Mondal				

1)	Loke Sanskriti Darpan	2012	Dove Publishing House, ,	ISBN No. 978-93-82399-10-0

20. Areas of consultancy and income generated :

21. Faculty as members in : NIL

22. National Committees : NIL

23. Internal National Committee : NIL

    a.

    b. Editorial Boards

Name of the Teachers	Journal
-	-
-	-

Editor :

Name	-

24. **Students Projects**
    a. Percentage of Students who have Done in-house projects including inter departmental / programme. : 30%

    b. Percentage of students placed for Projects in organization i.e., in Research The institutional / Industry /Other agencies. : NIL

    c. Awards/ Recognitions received by faculty and students. : Dr. Tapas Kumar Bhattacharya recipient of "Paschim Banga Bangla Academy" Award in 2002.

25. List of eminent academicians and scientists / Visitors to the department :

Sl. No.	Name	Qualification	Destination

01	Prof. Asoke (Bitoshoke) Bhattacharya	M.A.	Associate Professor
02	Dr. Animesh Kanti Pal	M.A. PhD.	Associate Professor
03	Dr.Kinkar Das	M.A., PhD	Associate Professor
04	Dr. Subikash Jana	M.A., PhD, D.Lit.	Principal
05	Dr.Apu Das	M.A. PhD.	Associate Professor

26. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

   a. National : Nil
   b. International : Nil
   c. College Level : 03

27. Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)	631		36	57	

*M = Male, *F = Female

28. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in Bengali Honours	100%	-	-
B.A. in Bengali General	100%	-	-
M.A. in Bengali	100%	-	-

29. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? :

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	20
State	West Bengal Primary Teachers Exam	11
State	SLET	01
National	NET	03

30. Students progression   :

Student progression	Against % enrolled
UG to PG	20
PG to M.Phil.	-
PG to Ph. D.	01
Ph. D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	–
Entrepreneurship/ Self-employment	

31. Details of Infrastructural facilities-
    a. Libraries   :

Library	Total Books
Central Library	3154
Departmental Library	3955

    b. Internet facilities for staff & students   :   Yes

    c. Class rooms with ICT facility   :

Device/ Instruments	Number
Computers	02
Projector	01
Projector Screen	01
Microphone & Sound System	01
Video Archive	-

    d. Laboratories   :   Nil

32. Numbers of Students receiving financial
    Assistance from college,   : 10% of Total Students of Kharagpur College
    University or Other agencies   : 69.9%
    Indira Gandhi National Scholarship (UGC)   : 13

33. Details of students enrichment programmes   : Special Lecture & Seminar
    (special lectures / workshop / seminar)
    With external experts

34. Teaching methods adopted to improve
    Student learning (Put Tick marks) : * Classes through Power Point
       Presentation

       √* Movie shows

       √* Students' wall magazine for
              approaching   the

              varied ways and

              creative

       syllabus in

       for their

       expressions.

       √* One-to-one counselling and
            guidance
       √* Guided library hours
       √* Project library hours
       √* Home Assignment
       √* Question Hour
       √* Special classes
        * Quiz
       √* Remedial classes
       √* Group discussion
       √* Class seminar
        * Workshop

35. Participation in Institutional Social : The teachers and students of the
    Responsibility (UR) and Extension   departments generally participation
                                             in different social Activities
                                             work e.g. i) Literacy programme,
                                              ii) Blood Donation Camp,   iii)
                                             Health Check-up. Students also take
                                             active part in the cultural activities
                                             organized by college and different
                                             local Govt. Body as well as Private
                                             Institution.   Different   health
                                             awareness programmes are jointly
                                             organized by the college, health
                                             department and local NGO.

36.   **SWOC analysis of the department and Future Plans:**

Strength	Weakness
• Young, dynamic, experienced as well as qualified Faculty • Well-stocked library • Internet facilities in the department. • Congenial teaching environment. • Conductive teacher-student relationship.	• Infrastructural lacunas hinder the use of Modern methods of teaching
Opportunity	**Challenges**
• Provision of books from book-bank for poor and needy students • Tutorials and remedial coaching to upgrade the weak students. • Facilities to express the literary culture in departmental research journal. • Extended facilities for SSC Coaching for both current and Ex-students. • Funding from UGC for Remedial Coaching to upgrade backward students • Scope of inter institutional inter-departmental knowledge exchange	I • mprove teaching through innovative microteaching aids and methodologies • Enrich the departmental seminar library. • Efforts to inculcate reading habits in students. • Endeavour for local area surveys and research

Future Plan

Future visions of the UG and PG level, Dept. of Bengali, Kharagpur College

Construction of smart-classrooms at both UG and PG levels to felicitate optimum learning opportunities to the students of the department. The department also aims to device a teaching method and technique in tandem with the NET and SET exam in order to prepare the students for further pursuing in the field of academics. The department is also ready to bring out the six-monthly wall-magazine 'Deholi' and the annual departmental magazine 'Bodhi'. Plans are also being made to arrange for national and state-level seminars including eminent academicians to introduce the students to modern trends in the subject and field of academics. Overall the department looks to inculcate a moral education in its students along with normal academic education. There are the facilities of remedial classes for Schedule Caste, Schedule tribe students as well as general students are provided. The faculty constantly strives for the improvement of the students and looks forward to continue in this effort to create better futures for the country.

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2.

Department of English

EVALUATIVE REPORT THE DEPARTMENT OF ENGLISH

1. Name of the Department   :   English

2. Year of Establishment   :   General   : 1949

                                                    Honours : 1994

3. Names of the Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters, Integrates Ph.D., etc.)   :

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary Courses and the departments/ Units involved   :   Nil

5. Annual/ Semester/ Choice based Credit system (programme wise)   :   Annual

6. Participation of the department In the courses offered by other Departments   :   The departments is actively involved in B.A./ B.Sc. Hons. Courses offered by other departments through teaching the combination subject of English as a General and Compulsory subject. The Department also assists in teaching the relevant papers/sections related to our discipline to MA in Bengali.

7. Courses in collaboration with Other Universities, Industries, Foreign institutions etc.   :   Nil

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

9. Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Asstt. Professor	05	04

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

`Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
SAMRAT SENGUPTA	MA Pursuing PhD from Jadavpur University	Assistant Professor	Indian Literature in English, Literary Theory	5 years 8 months	Nil
SOUMYABRATA SIL	MA	Assistant Professor	Cultural Studies and Modern Fiction	10 months	Nil
CHINMOY MONDAL	MA M.PHIL. B.Ed.	Assistant Professor	New Literatures and Shakespeare Studies	10 months	Nil
JAYANTA KUMAR MURMU	MA	Asst. Professor	Post 50s British Literature	10 months	Nil
INDRANIL MAHAPATRA	MA	Part-Time Teacher (Govt. Approved)	-	18 years 4 months	Nil
SOMALI NANDI	MA	Part-Time Teacher (Govt. Approved)	Indian Literature	16 years 10 months	Nil

11. List of senior visiting faculty   :   **Nil**

12. Percentage of lectures delivered And practical classes handled (Programme wise) by temporary Faculty.   :

Programme	% of Lecture delivered
B.A. Part-I Hons.	Nil
B.A. Part-I Genl.	Nil
B.A. Part-II Hons.	Nil
B.A. Part-II Genl.	Nil
B.A. Part-III Hons.	Nil
B.A. Part-III Genl.	Nil

13. Students- Teacher Ratio
(Programme wise)   :

Programme	Honours	General
B.A. Part-I	20:1	28:1
B.A. Part-II	15:1	15:1
B.A. Part-III	9:1	6:1

14. Number of Academic support
Staff (Technical) and administrative
Staff; sanctioned and filled   :

	Sanctioned	Filled
Academic Support Staff	Nil	Nil
Administrative Staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
SAMRAT SENGUPTA	MA
SOUMYABRATA SIL	MA
CHINMOY MONDAL	MA M.PHIL
JAYANTA KUMAR MURMU	MA
INDRANIL MAHAPATRA	MA
SOMALI NANDI	MA

16. Number of faculty with ongoing   :
        NIL
Projects from a) National b) International funding agencies and
grants received.

17. Departmental projects funded by   :
        NIL
DST-FIST, UGC, DBT, ICSSR,
Etc. and total grants received.

18. Research center / facility   :
        NIL
Recognised by the University

19. Publications (2011 onwards)

Sl. No.	Title With Page No.	Year	Journal/Book	ISBN/ISSN No.	Sole/Co-Author
1.	"Technologies of Revolution and the Inaccomodable Feminine in Colonial and Postcolonial Bengal"	2011	journal of humanities and social sciences no. 8 (August 2011) edited by Pradip Basu, Faculty of, Political Science, Scottish Church College. pg. 115-126	ISSN 0973-8738	Prof. Samrat Sengupta (Sole Author)
2.	"Sibaji Bandyopadhyay: Atmo Bismoroner Darshonik" (in Bangla, the English title would be "Sibaji Bandyopadhyay: A Philosopher of Self Forgetting")	2011	Alochonachakra, issue no. 31 (August, 2011 Special Issue of Indian Critical Thinkers) edited by Chiranjib Sur pg. 217-242.	ISSN 2231-3990	Prof. Samrat Sengupta (co-authored with Anirban Bhattacharya, Asst. Prof., Santipur College)
3.	"Post-Colonial Anthropologist: History, Novel and GrandMother's Tale in Raja Rao's Kanthapura	2012	Litscape – Journal of VUETC, Volume 7, No.1 (pg. 120-137)	ISSN 0976-9064	Prof. Samrat Sengupta (Sole Author)
4.	"Biplober Opobhrongsho: Smorone Bismorone Naxalbarir Pret Uposthiti o Amader Sanskritik Oitijyo" (In Bangla, the English Title would be "Remnants of Revolution: Remembering Traces of Naxalbari and the Cultural Legacies of Middle-Classes in Bengal")	2012	Mononer Srijone Naxalbari: Bangalir Sanskritik Onusondhan (Naxalbari in Thought and Creativity: An Inquiry into Bengali Culture) edited by Pradip Basu, Pub: Setu, pg. 23-36.	ISBN 978-93-80677-32-3	Prof. Samrat Sengupta (Sole Author)
5.	"The Other Side of Spectacle in Herbert: Return of Naxalbari or the Haunting of an Inescapable Past?"	2012	Red on Silver: Naxalite Movement and Cinema edited by Pradip Basu, Pub: Setu, pg. 91-105.	ISBN 978-93-80677-22-4	Prof. Samrat Sengupta (Co-authored with Saikat Maitra, Post-doctoral Fellow, Gottingen University)
6.	"Dog-Story or How to Write a Parable of Postcoloniality"	2012	Sambalpur Studies in Literatures and Cultures: Identities, Inflections & Imperatives, Series –	ISSN 2231-5616	Prof. Samrat Sengupta (Sole Author)

		2, 2012, pg.32-44.		
7.	"'Kokhon Moron Ashe Ke Ba Jaane' – Atmohotya o Rajniti" – 1st part (Suicide and Politics – 1)	2012	Charcha, Volume. 1, No. 1, July, 2012, pg. 165-174.	ISSN 2321-1911	Prof. Samrat Sengupta (Sole Author)
8.	"From Land to Sea: How Journey Supplants Diaspora in Amitav Ghosh's Sea of Poppies"	2013	The Fictional World of Amitav Ghosh edited by Nibedita Mukherjee and Arvind Nawale, Pub: Authors Press, pg. 213-230.	ISBN 978-81-7273-725-2	Prof. Samrat Sengupta (Sole Author)
9.	"Technologies of Classification and the Routes of Feminine Escape: A Reading of Rabindranath's 'A Wife's Letter'"	2013	Journal of the Department of English, Hijli College, Vol. 4, No. 1, pg. 43-51.	ISSN 2320-3080	Prof. Samrat Sengupta (Sole Author)
10.	"Hingsha o Santrash: Bhumika othoba Amader Byaktigoto Gopon Sob Hingsrota Niye Ekti Oshohay Torja" ("Violence and Terror: Introduction")	2013	Alochonachakra, issue no. 34 (January, 2013 Special Supplement on Violence and Terror edited by Samrat Sengupta), pg. 285-293.	ISSN 2231-3990	Prof. Samrat Sengupta (Sole Author)
11.	"Samrajyo Bonam Amjonota: Sahityo o Protirodher Rajniti" ("Empire versus Multitudes: Literature and Politics of Resistance")	2013	Alochonachakra, issue no. 34 (January, 2013 Special Supplement on Violence and Terror edited by Samrat Sengupta), pg. 348-367.	ISSN 2231-3990	Prof. Samrat Sengupta (Sole Author)
12.	"Is it Possible for Women to 'Cease Upon the Midnight with No Pain'? Understanding the 'Masculinity of Suicide' as Resistance"	2013	Sambalpur Studies in Literatures and Cultures: Identities, Inflections & Imperatives, Series – 3, 2013, pg. 66-81.	ISSN 2231-5616	Prof. Samrat Sengupta (Sole Author)
13.	"Moribar Sadh o Sadhyo: Atmohotya o Rajniti -2" (Suicide and Politics, Part-2)	2013	Charcha, Volume. 2, No. 1, July, 2013, pg. 109-116.	ISSN 2321-1911	Prof. Samrat Sengupta (Sole Author)
14.	"Looking Back in Anger: The Cultural Symbol of Bhadrolok and the Middle-	2013	Symbols in the History of Art and Culture edited by Efe	ISBN 978-975-6264-91-1	

	class Revolutions in 1960s-70s Bengal"		Duyan and Ayse Gungor, Istanbul: Mimar Sinan Fine Arts University, 2013, pg. 124-134.		Prof. Samrat Sengupta (Sole Author)
15.	"Remnants of Revolution: Subjectivity and Politics of the Bengali Middle Classes, 1960-1980"	2013	The Visva-Bharati Quarterly, Volume 21, No. 3 & 4, Volume 22, No. 1 & 2, October 2012-September 2013, edited by Professor Tapati Mukhopadhyay and Professor Amrit Sen, pg. 156-170.	ISSN 0972-043X	Prof. Samrat Sengupta (Sole Author)
16.	"Hingshar Purobak, Purobaker Hingsha: Santrash o Pratyohiker Biporjash" ("Forward to Violence, Violence of the Forward: Terror and Unsettling of the Everyday")	2013	Alochonachakra, issue no. 35 (August, 2013 Special Supplement on Violence and Terror, Part-2, edited by Samrat Sengupta), pg. 139-150.	ISSN 2231-3990	Prof. Samrat Sengupta (Sole Author)
17.	"Ideology of the Lips: Feminine Desire, Politics of Images and Metaphorization of Body in Global Consumerism"	2014	Boundaries of the Self: Gender, Culture and Spaces edited by Debalina Banerjee, Uk: Cambridge Scholars, 2013, pg. 168-179.	ISBN (10): 1-4438-5706-8	Prof. Samrat Sengupta (Sole Author)
18.	"Atmohotya O Rajniti – 3: Adhunikota, Rajniti O Romoniyo Atmobilap" ("Suicide and Politics – 3: Modernity, Politics and the Feminine Self-abnegation")	2014	Charcha, Volume. 2, No. 2, January, 2014, pg. 109-117.	ISSN 2321-1911	Prof. Samrat Sengupta (Sole Author)
19.	"Autoimmunity and the Irony of Self-Definition: Translating the Economy of Terror"	2014	Sanglap: Journal of Literary and Cultural Inquiry, Issue: Terror and the Literary, Vol. I No. I, Editors: Arka Chattopadhyay and	ISSN: 2349-8064	Prof. Samrat Sengupta

			Sourit Bhattacharya, Online, pg. 77-93.		(Sole Author)
20.	"The Sublime and the Subaltern: Aesthetic Crises of Unfolding in A K Ramanujan's "A River""	2014	Muse India, Issue-57, 2014, Special Issue on "River in India", Guest Editor: Amrit Sen, Online.	ISSN 0975-1815	Prof. Samrat Sengupta (Sole Author)
21.	Adho Porichoy Kotha: Gora o Binoy – Ekti Paath (in Bangla, the English title would be Half Known Tale: "Gora o Binoy – A Reading") [Review Article]	2014	Chandragrahan, Issue-22, Year-10, Sept.-Oct., 2014, pg. 197-200.	ISSN 2348-7194	Prof. Samrat Sengupta (Sole Author)
22.	"Sandhyo Probondhomala: Sibaji Bandyopadhyay-er Doshdish: Nibandha Nikaya – Ekti Protibedon"	2015	Alochonachakra, issue no. 38, January, 2015, pg. 171-179.	ISSN 2231-3990	Prof. Samrat Sengupta (Sole Author)
23.	"Strategic Outsiderism of Fyatarus: Performances of Resistance by 'Multitudes' after 'Empire'"	2015	Sanglap: Journal of Literary and Cultural Inquiry, Vol.2, No. 1, Online, pg. 90-112.	ISSN: 2349-8064	Prof. Samrat Sengupta (Sole Author)
24.	"Protibaader Pathokrom" ("Syllabus of Protest")	2015	Aihik: Moltov Cocktail Issue, Online.	ISSN 2319-5460	Prof. Samrat Sengupta (Sole Author)

Publication of Books: Nil				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN

20.   Areas of consultancy and income generated   :   **Nil**

21. Faculty as members in : **Nil**

    a. National Committees : Nil
    b. Internal National Committee : Nil

Name of the Teachers	Journal
CHINMOY MONDAL (Associate Member)	INQUEST (ISSN – 2348-6813, Vol. 1, Issue. 2, April 2015)

    c. Editorial Boards Associate member

EDITOR :-

Name : Samrat Sengupta	Guest Editor of Special Supplement on Violence and Terror (Part – 1) of *Alochonachakra, issue no. 34, January, 2013.* ISSN 2231-3990
Name : Samrat engupta	Guest Editor of Special Supplement on Violence and Terror (Part – 2) of *Alochonachakra, issue no. 35, August, 2013.* ISSN 2231-3990

22. Students Projects : **Nil**

    a. Percentage of Students who have : **Nil**
        Done in-house projects including
        inter departmental / programme.

    b. Percentage of students placed for : **Nil**
        Projects in organization i.e., in Research
        The institutional / Industry /Other agencies.

23. Awards/ Recognitions received : **Nil**
    by faculty and students.

24. List of eminent academicians and scientists / : **Nil**
    Visitors to the department

Sl. No.	Name	Qualification	Destination
-	-	-	-
-	-	-	-
-	-	-	-

25.   Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

      a.   National   :   **Nil**

      b.   International   :   **Nil**

      c.   College Level   :   **Nil**

      d.   State Level   : History, Myth and Fiction: An Interface of Indian English Novels On November 26th, 2011 funded by UGC

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)	620	75	35	40	68%

26.   Students Profile Programme / Course Wise :-

<div align="right">*M = Male, *F = Female</div>

27.   Diversity of Students :-

Name Of The Course	% Of Students From The Same State	% Of Students From Other States	% Of Students From Abroad
B.A. in English Honours	100	-	-
B.A. in English General	100	-	-
		-	-

28.   How many students have cleared National **:-** and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	10
State	West Bengal Primary Teachers Exam	15

29.   Students progression
       :-

Student Progression	Against % Enrolled
UG to PG	16
PG to M.Phil.	-
PG to Ph. D.	-
Ph. D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	-

30.   Details of Infrastructural facilities :-

       a.   Libraries   :-

Library	Total Books
Central Library	1474
Departmental Library	

       b.   Internet facilities For staff & students   : - Broadband Internet connection is provided to the department for the teachers and students.

       c.   Class rooms with ICT facility   :-

Device/ Instruments	Number
Computers	1
Printer	1
Projector Screen	0
Microphone & Sound System	0
Video Archive	0

       d.   Laboratories
             :   **Nil**

31.   Numbers of Students receiving financial   :
       Assistance from college, University or
       Other agencies.

32.   Details of students enrichment programmes   :   **Nil**
       (special lectures / workshop / seminar)
       With external experts

33. Teaching methods adopted to improve Student learning (Put Tick marks)

:
* Classes through Power Point Presentation
* Movie shows
✓ Students' wall magazine for approaching the syllabus in varied ways and for their creative expressions.
✓ One-to-one counselling and guidance
✓ Guided library hours
✓ Project library hours
✓ Home Assignment
✓ Question Hour
✓ Special classes
✓ Quiz
✓ Remedial classes
✓ Group discussion
✓ Class seminar
✓ Workshop

34. Participation in Institutional Social Responsibility (UR) and Extension in different social Activities

: The teachers and students of the departments generally participation work e.g.

i) Literacy programme,

ii) Blood Donation Camp,

iii) Health Check-up. Students also take active Part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different Health awareness Programmes are jointly organized by The college, health department and Local NGO.

35.   **SWOC analysis of the department and Future Plans :-**

Strength	Weakness
The department currently consists of four West Bengal College Service Commission appointed teachers who actively participate in the overall development of the studentsand also pursue individual research.	Unavailability of separate classrooms for the department.
Opportunity	**Challenges**
The teachers regularly attend conferences and seminars and can impart new ideas from those experiences to the student.	Since the college is located in a non-metropolitan space the challenge is to make the students aware about opportunities and exposure to updated information on their subject.

Future Plan

since there is a growing demand from the students to pursue Masters in this college our plan is to in introduce a post-graduate course in English Literature using the existing resources of the college where Masters in Bengali already runs. Our purpose shall also be to organize seminars based on recent trends in literature and culture.

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3.
Department of Hindi

Evaluative Report the Department of HINDI

1.   Name of the Department   :   Hindi

2.   Year of Establishment   :   General   : 1976

                                                      Honours   : 1995

3.   Names of the Programmes /   :
       Courses offered (UG, PG,
       M.Phil, Ph.D., Integrated
       Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4.   Name of Interdisciplinary   :   Nil
       Courses and the departments/
       Units involved

5.   Annual/ Semester/ Choice based   :   Annual
       Credit system (programme wise)

6.   Participation of the department   :   The departments is actively In the
       course offered by other departments   involved In the courses offered by
                                                  other in   B.A./B.Sc.   Hons. Courses offered by Departments other departments through teaching the combination subject of English as a General and subject. The Department also assists in teaching the relevant papers/sections related to our discipline to MA in Bengali.

7.   Courses in collaboration with   :   Nil
       Other Universities, Industries,
       Foreign institutions etc.

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

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	01
Asstt. Professor	02	-

10. Faculty profile with name, :
Qualification, designation,
Specialisation, (D.Sc./D.Litt./
Ph.D./M.Phil. etc)

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
DR. PANKAJ SAHA	M.A., PH.D.	Associate Professor	JOURNALISM	23YEARS 10 MONTHS	1
RANJIT KUMAR SINHA	M.A. (HINDI,ENGLISH,SOCIOLOGY) M.PHIL (HINDI)	PART TIME TEACHER (GOVT APPROVED)	HINDI PATRAKARITA	6YEARS 2MONTHS	Nil
G.ASWANI	M.A. (HINDI), M.A. (Philosophy)	PART TIME TEACHER (GOVT APPROVED)	-	6YEARS 2MONTHS	Nil
DR.PRAKASH KUMAR AGRAWAL	M.A. ,PH.D	PART TIME TEACHER(GOVT APPROVED)	HINDI PATRAKARITA	5 YEARS 2MONTHS	Nil
Dr. Sandhya Kumari	M.A, Ph.D	Guest Teacher	-	2 YRS. 3 MONTHS	Nil
Poli Rani Routh	M.A.	Guest Teacher	Nirala	2 YRS. 3 MONTHS	Nil

11. List of senior visiting faculty : NA

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

Programme	% of Lecture delivered
B.A. Part-I Hons.	33.33
B.A. Part-I Genl.	25
B.A. Part-II Hons.	16.28
B.A. Part-II Genl.	37.5
B.A. Part-III Hons.	18.75
B.A. Part-III Genl.	25

13. Students- Teacher Ratio :
    (Programme wise)

Programme	Honours	General
B.A. Part-I	39:5	23:5
B.A. Part-II	20:5	22:5
B.A. Part-III	20:5	-

14. Number of Academic support :
    Staff (Technical) and administrative
    Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	-	-
Administrative staff	-	-

15. Qualification of teaching faculty
    :

Name	Qualification
Dr. Pankaj Saha	M.A, Ph.D
Ranjit Kumar Sinha	(HINDI,ENGLISH,SOCIOLOGY) M.PHIL (HINDI
G.Aswani	M.A. (HINDI), M.A. (Philosophy)
Dr.Prakash Kumar Agrawal	M.A. ,PH.D
Dr. Sandhya Kumari	M.A, Ph.D
Poli Rani Routh	M.A.

16. Number of faculty with ongoing : NIL
    Projects from a) National b) In-
    ternational funding agencies and
    grants received.

17. Departmental projects funded by : NIL
    DST-FIST, UGC, DBT,ICSSR,
    Etc. and total grants received.

18. Research center / facility : NIL
    Recognised by the University

19.   Publications (2011 onwards)   :

Sl. No.	Title with page no.	Year	Journal/Book	ISBN/ISSN No.	Sole/Co-Author
	DR. PANKAJ SAHA				
1.a	HINDI KAVYA MAIN RAVINDRA CHINTAN. Pp 23-24, 43.	2013	AAJKAL	0971 - 8478	DR. PANKAJ SAHA (Sole Author)
1.b	BHARTIYA SAMAJ AVM SANSKRITI KI EKTA HINDI AUR HINDITER BHASAO KI BHUMIKA. Pp 57-63.	2013	HINDI VIDYAPITH PATRIKA	2348- 5019	DR. PANKAJ SAHA (SOLE AUTHOR)
1.c	HIKU SILP AVM SAMVEDANA. Pp33-34.	2013	AAJKAL	0971-8478	DR. PANKAJ SAHA (Sole Author)
1.d	GEETKAR PANKAJ. Pp 34-36.	2013	PRAGATI VARTA	2229-5062	DR. PANKAJ SAHA (Sole Author)
1.e	HA BASANT. Pp 61.	2014	AKSAR PARVA	2278-9766	DR.PANKAJ SAHA (SOLE AUTHER)
1.f	VIDYAPATI KE PREMGEETO KI PRASANGIKTA. Pp 22-25.	2014	VARTA VAHAK	2321-8789	DR. PANKAJ SAHA (Sole Author)
1.g	YUGBODH KE IMANDAR KAVI NEPALI. Pp 18-22.	2014	HINDI VIDYAPITH PATRIKA	2348-5019	DR. PANKAJ SAHA (Sole Author)
1.h	AMAR HINDI SEVI. Pp 7-8.	2014	AAJKAL	0971-8478	DR. PANKAJ SAHA (Sole Author)
1.i	KATHAKAR SANJEEV: PREMCHAND KO CHUNE KI HASRAT. Pp 19-23.	2015	VARTA VAHAK	2321-8789	DR. PANKAJ SAHA (Sole Author)

1.j	HINDI UPANYAS MAIN KISAN. Pp 31-40.	2015	MADHUMATI	2321-5569	DR. PANKAJ SAHA (Sole Author)
1.k	TULSI JAN KE MANN KE YA BRAHMAN KE. Pp 62-69.	2015	YUDHRAT AAM AADMI	2320-0359	DR. PANKAJ SAHA (Sole Author)
1.l	HINDI UPANYAS ME JANAJATIA JIVAN AUR SANSKRITY. PP 89-98	2015	HINDI UPANYAS AUR ADIBASI CHINTAN	ISBN: 978-93-80845-54-8	DR. PANKAJ SAHA (Sole Author
1.m	PREMCHAND KI KAHANIO ME DALIT JIVAN. PP-35.	2015	INQUEST	ISSN:23486813	DR. PANKAJ SAHA (Sole Author
2.a	PRESENT EDUCATION SYSTEM AND SWAMI VIVEKANAND PHILOSOPHY. PP 319-327.	2013	NABYASROTE	2249-8133	Sole author RANJIT KUMAR SINHA
2.b	AALOCHAK RAMVILAS SHARMA. PP. 6-9.	2013	PAROKAR	2320-5601	Ranjit kumar sinha
2.c	BHUMANDALIKARAN AUR HINDI SAHITYA PP 62-64.	2013	SHRINKHALA	2321-290x	Ranjit kumar sinha
2.d	STRI MUKTI :STRI VIMASH YA DEH VIMARSH. PP 71-73.	2013	SHRINKHALA	2321-290x	Ranjit kumar sinha
2.e	HINDI DALIT LITERATURE PG(309-316)	2014	NABYASROTE	2249-8133	Ranjit kumar sinha
2.f	DR AMBEDKAR AUR SAMAJIK PARIVARTAN. PP 129-131.	2014	A JOURNAL OF ASIA DEMOCRACY AND DEVOLOPMENT	0973-3833	Ranjit kumar sinha
2.g	MANVIYA DARSHAN KE PRERNA SHROT DR. AMBEDKAR PP 130- 133.	2014	A JOURNAL OF ASIA DEMOCRACY AND DEVOLOPMENT	0973-3833	Ranjit kumar sinha

2.h	BHUMANDALIAKARAN AUR HINDI SAHITYA KE DASHA PP 12-13	2014	PRAGATI VARTA	2229-5062	Ranjit kumar sinha
2.i	MALVIYA JI AUR HINDI	2014	HINDI VIDYAPITH PATRIKA	2348-5019	Ranjit kumar sinha
2.j	HIGHER EDUCATION IN RURAL AREAS OF INDIA : NEED FOR CHANGE PP 196-206	2014	BY SMT. SABITA DAS COMPUTER MIRZABAZAR MIDNAPORE	978-81-92228-7-1	Ranjit kumar sinha
2.k	LOK SAHITYA AUR HINDI SAHITYA KA TULNATMAK VIMARSH PP 161-162	2014	SHODH PRAKALP	2278-3911	Ranjit kumar sinha
2.l	BHUMANDALIKARAN AUR HINDI KAVITA (PP 64-66)	2014	AKSHARPARVA	2278-9766	Ranjit kumar sinha
2.m	RABINDRANATH AUR MANOBATABAD	2014	SAMBHODHAN	2321-970x	Ranjit kumar sinha
2.n	STRI BIMARS DISHA AUR DASHA .PP 141-143	2015	HINDI KATHA SAHITYA ME STRI BIMARS AVAM ADIBASHI BIMARSH BY PUNE COLLEGE OF ARTS , SCIENCE AND COMMERCES.	978-81-927093-4-5	Ranjit kumar sinha
2.o	BHUMANDALIKARAN AUR HINDI UPANYAS. PP 96-99.	2014	SHRINKHALA.	2321-290X	Ranjit kumar sinha
2.p	HASIYE PAR ADIBASI SAMAJ AUR SANSKRITI. PP 132-135.	2014	REMAKING.	2394-0344	Ranjit kumar sinha
2.q	LIVE IN RELATIONSHIP AND INDIAN SOCIETY. PP 164-171.	2015	EKABINSHA.	2348-800X	Ranjit kumar sinha
2.r	SIVANI KE KATHA SAHITYA AUR SAMAJ ME NARI. PP 166-168.	2015	VIDYAWARTA.	2319-9318	Ranjit kumar sinha
2.s	SARATCHANDRA KE SAHITYA KA PRASANGIKATA. PP 66-69.	2015	SHRINKHALA.	2321-290X	Ranjit kumar sinha
2.t	DALIT ATMAKATHASAHITYA. PP	2015	INQUEST.	978-81-920386-7-4	Ranjit kumar sinha

	32.				
2.u	WOMEN AND POLITICS.	2015	NABYASROTE.		Ranjit kumar sinha
2.v	HINDI SAHITYA ME VIDHABA BIMARS PP100-102	2015	Remarking	P:ISSN 2394-0344 E: ISSN 2455-0817	Ranjit kumar sinha
2.w	ALOCHAK RAMVILASH SHARMA KI ALOCHONA DRISTI: KUCH AROP – PRATYAROP. PP 144 -151.	2015	RASHTRIYA SAHITYA SANSKRITI AUR RAMVILAS SHARMA	ISBN: 978-81-924201-6-5	Ranjit kumar sinha
2.x	STRI BIMARSH DASHA AUR DISHA. PP 246-254.	2015	STRI BIMARSH KE BUNIADY SAWAL	ISBN: 978-81-74-87-944-8.	Ranjit kumar sinha

PUBLICATION OF BOOKS:				
DR. PANKAJ SAHA				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
1.	Hindi Upanayas Me Kisan written by Dr. Pankaj Saha	2015	MANAV PRAKASHAN,KOLKATA	978-93-80332-72-7
RANJIT KUMAR SINHA				
2.a	ADHUNIK HINDI SAHITYA KE SATABDI PURUSH(EDITED BY RANJIT KUMAR SINHA AND DR.RAJENDRA KUMAR SHAW)	2013	MANAV PRAKASHAN,KOLKATA	978-93-80332-42-0
2.b	BHUMANDALIKARAN AUR HINDI SAHITYA BY RANJIT KUMAR SINHA	2015	MANAV PRAKASHAN,KOLKATA	978-93-80332-77-2

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in   :   NIL

    a.   National Committees   :   NIL
    b.   Internal National Committee   :   NIL
    c.   Editorial Boards Associate member

Name of the Teachers	Journal

EDITOR :

Name	

22. Students Projects

    a.   Percentage of Students who have   :   NA
          Done in-house projects including
          inter departmental / programme.

    b.   Percentage of students placed for   :   NA
          Projects in organization i.e., in Research
          The institutional / Industry /Other agencies.

23. Awards/ Recognitions received   :
    by faculty and students.
    1.   Kavi Mathura Prasad Gunjan Smriti Samman, Munger, 2014 to Dr. Pankaj Saha.
    2.   Dr. Maharaj Krishna Jain Smriti Samman, Meghalaya, 2012 to Ranjit Kumar Sinha.
    3.   Srmati Jamuna Dhar Parboty Devi Matolia Smriti Samman, Meghalaya, 2013 to Ranjit Kumar Sinha.
    4.   Srmati Saraswati Singh Smriti Samman, Meghalaya, 2014 to Ranjit Kumar Sinha.
    5.   J.N. Bauri Smriti Samman, Meghalaya, 2015 to Ranjit Kumar Sinha.
    6.   Kavi Mathura Prasad Gunjan Smriti Samman, Munger, 2015 to Ranjit Kumar Sinha

24. List of eminent academicians and scientists /   :   NIL
    Visitors to the department

Sl. No.	Name	Qualification	Destination
01			

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

    a.   National   :

    b.   International   :

    c.   College Level   :

26.   Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)					

*M = Male, *F = Female

27.   Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in HINDI Honours	80	20	-
B.A. in HINDI General	90	10	-
		-	-

28.   How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?   :

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	4
State	West Bengal Primary Teachers Exam	3
National	UGC-NET	1

29.   Students progression   :

Student progression	Against % enrolled
UG to PG	100
PG to M.Phil.	
PG to Ph. D.	
Ph. D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	

30. **Details of Infrastructural facilities -**

    a. Libraries   :

Library	Total Books
Central Library	1546
Departmental Library	

    b. Internet facilities for staff & students   :   Nil

    c. Class rooms with ICT facility   :

Device/ Instruments	Number
Computers	1
Printer	1
Projector Screen	
Microphone & Sound System	
Video Archive	

    d. Laboratories   :

31. Numbers of Students receiving financial   :
Assistance from college, University or Other
agencies.

32. Details of students enrichment programmes   :
(special lectures / workshop / seminar)
With external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks)   : * Classes through Power Point
Presentation.

    * Movie shows

    ✓ Students' wall magazine for
approaching the

    syllabus in

    varied ways and for

    their creative

    expressions.

✓ One-to-one counselling and
  guidance

✓ Guided library hours

  * Project library hours

✓ Home Assignment

✓ Question Hour

✓ Special classes

✓ Quiz

✓ Remedial classes

✓ Group discussion

✓ Class seminar

✓ Workshop

34.	Participation in Institutional Social departments Responsibility (UR) and Extension	: The teachers and students of the generally participation in different social Activities work e.g. i) Literacy programme, ii) Blood Donation Camp, iii) Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35. **SWOC analysis of the department and Future Plans:**

Strength	Weakness
1. Efficient Teacher 2. Enrich Library 3. Well behavior Student	1. Language Problem 2. Sufficient infra structural facilities are not available.
Opportunity	**Challenges**
1. In different Civil service and competitive examinations Hindi is considered a very important and relevant subject. 2. The students of Hindi may be absorbed as Research Associates in different reputed Research Institutes.	1. Our challenge to make our students compatible for any type of National Entrance conducted by UPSC, JNU, and UGC. 2. To attract better students through awareness campaigning among the students.

Future Plan

1. Free Study Centre for non-hindi people.
2. Job oriented course for Hindi Students.

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4.

Department of Sanskrit

Evaluative Report the Department of SANSKRIT

1. Name of the Department :   SANSKRIT

2. Year of Establishment :   General :   1949

                                          Honours :   2007

3. Names of the Programmes /
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.) :   UG

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary
    Courses and the departments/
    Units involved :   NIL

5. Annual/ Semester/ Choice based
    Credit system (programme wise) :   Annual

6. Participation of the department :   The departments is actively In the
    courses offered by other   involved in M.A., (Bengali)
    Departments   Courses during teaching the
                                            combination topics by our faculties. .

7. Courses in collaboration with
    Other Universities, Industries,
    Foreign institutions etc. :   NIL

8. Details of courses / programmes :   NIL
    discontinues (if any) reasons.

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Asstt. Professor	01	01

10. **Faculty profile with name, Qualification, designation, Specialization, (D.Sc. /D.Litt. / Ph.D./M.Phil. etc)**

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Dr.Jagamohan Acharya	M.A, ACHARYA (VEDA), M.Phil, Ph.D	Assistant Professor	Veda, Grammar	8 Years	NIL
Ganesh Tosh	M A/M.Phil	Part-Time Teacher(Govt. approved)	Veda	9 Years	N A
Santanu Mandal	M A/M.Phil	Part-Time Teacher(Govt. approved)	Kavya	8 Years	N A
Soumik Piri	M A	Part-Time Teacher(Govt. approved)	Nataka	7 Years	N A
Pieu Mondal	M A/M.Phil	Part-Time Teacher(Govt. approved)	Kavya	7 Years	N A

11. **List of senior visiting faculty**

            :   1. Dr. Bhabasankar Mukherjee,
                   Associate Professor,
                Sabang Sajanikanta Mahavidyalaya

                 2. Dr. Bratati Mukherjee ,
                   Associate Professor,
                   Midnapore College

                 3. Dr. Amal Bhattacharya,
                   Associate Professor
                   Pingla College

                 4. Professor Narayan Ch. Das
                   Sabang Sajanikanta Mahavidyalaya

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary Faculty. :

Programme	% of Lecture delivered
B.A. Part-I Hons.	-
B.A. Part-I Genl.	-
B.A. Part-II Hons.	-
B.A. Part-II Genl.	-
B.A. Part-III Hons.	-
B.A. Part-III Genl.	-

13. Students- Teacher Ratio (Programme wise) :

Programme	Honours	General
B.A. Part-I	16:1	25:1
B.A. Part-II	12:1	20:1
B.A. Part-III	11:1	5:1

14. Number of Academic support Staff (Technical) and administrative Staff; sanctioned and filled :

	Sanctioned	Filled
Academic support staff	Nil	Nil
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
DR.JAGAMOHAN ACHARYA	M.A, AVHARYA(VEDA), M.PHIL, PH.D
GANESH TOSH	M A/ M.PHIL
SANTANU MANDAL	M A/ M.PHIL
SOUMIK PIRI	M A
PIEU MONDAL	M A/ M.PHIL, PH.D

16. Number of faculty with ongoing Projects from a) National b) International funding agencies and grants received. : NIL

17. Departmental projects funded by DST-FIST, UGC, DBT,ICSSR, Etc. and total grants received. : NIL

18. Research center / facility Recognised by the University : NIL

19.   Publications   (2011 onwards)   :

DR. JAGAMOHAN ACHARA   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1	Devaisaha agneh sahacaryam :ekam adyayanam pp 29-34	March, 2012	Prachisudha, halfyearly Sanskrit research Journal, Vol-I,Issue-I	ISSN 2249-2313	-
2	Yogic philosophy as reflected in the Upanishad pp.34-40	June, 2012	Ritayani, A biannual and bilingual Sanskrit Journal, Vol-I, No-I	ISSN 2278-0688	-
3	Sriaravindadristya agnitattvavimarsha pp 88-92	June, 2012	Prajna, A research journal of the P.G. department of Sanskrit and Bengali, Vol-II&III	ISSN 2249-8729	-
4	The practice of medicine :as documented in the Vedas pp20-27	January 19-20 2012	Proceedings of the UGC sponsored two day nation seminar on scientific ideas as reflected in the Vedas and later Sanskrit literature, Kharagpur college	-	-
5	Gita and Personality Development pp.81-87	November, 2012	Vyasasrih A Bilingual Research journal of Indology, MVNRI,Vedvyas ,Rourkela	ISSN 2320-2025	-
6	Vaidik devata cintanam pp.73-78	May, 2013	Prajna, A research journal of the P.G. department of Sanskrit and Bengali, Vol-IV,	ISSN 2249-8729	-
7	Chitrangada and Modernization pp71-82	June, 2013	,Ritayani, A Research journal of Sanskrit,Vol-3,	ISSN 2278-0688	-
8	kalidasa ravindranathayah drstya meghadutam pp.23-31	June, 2013	Vyasasrih, Vol.II, A Bilingual Research journal of Indology, MVNRI,Vedvyas ,Rourkela,	ISSN 2320-2025	-
9	Erotics in Kiratarjuniyam pp.84-88	December, 2013	Vyasasrih, Vol.III,A Bilingual Research journal of Indology, MVNRI,Vedvyas ,Rourkela,	ISSN 2320-2025	-
10	The collection and understanding of tax in the light of Kautilya pp.431-435	March, 2014	Anviksa, Vol.XXXV, , Research journal of the Department of Sanskrit, Jadavpur University ,Kolkata	ISSN: 0587-1646	-
11	Smrutou vihitam parivarika jivan-dharma pp66-71	December, 2014	,Ritayani, A Research journal of Sanskrit,Vol-6,	ISSN 2278-0688	-

| 12 | Matsyapurane pratima-vijnanam, pp.113-120 | March, 2015 | Anviksa, Vol.XXXVI,Refereed Researc Journal,Jadavpur University,Kolkata, | ISSN : 0587-1646 | - |
| 13 | Srisundararajasya kavipratibhayah sarbeksanam pp92-94 | June, 2015 | Ritayani, A Research journal of Sanskrit,Voi.-4,Issue-07, | ISSN 2278-0688 | - |

PROF. GANESH TOSH   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
01	YAJUVEDADHARENA APSARA EKAM ADHYANAM pp. 120	2010	Rashtriya Sanskrit Vidyapeeth Tirupati	-	-
02	SWAMI VIVEKANANDAS THAUGHT AND IDEAS ABOUT RELIGION: SOME COMMENTS. pp. 71-72	2011	Proceedings Dept. of Philosophy ,Kharagpur College	-	-
03	FOOD IN THE ANCIENT COMMUNITIES; THE VEDAS; SOME COMMENTS pp.47-48	2012	Proceedings , Dept. of Sanskrit, Kharagpur College	-	-
04	SWAMI VIVEKANANDA ; HIS IDEAS ON EDUCATION ; OUR CONTEMPORARY SOCIETY.	2013		-	-

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1.	Kalidaser vikramorbosiyo;ekti samiksa	2013	Vaninikvanah	8182821894	-
2.	Kalidaser meghasuta: ekti samiksa	2014	Vidvadbharati	978-93-83368-56-3	-
3.	Vedanta o biganer aloke dharma	2015	Adunikasamaje samskritasyopojogita	-	-

PIEU MONDAL

Publication of Books:				
Name- Dr. Jagamohan Acharya BOOK				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
1	Madhulata (Sanskrit Poems)	2014	Kavitika	
Name- Dr. Jagamohan Acharya CHAPTER OF A BOOK				
1	pp	2013	Ed. S.K.Senapati and Others, ISHA, Puri,	ISBN : 81-89075-84-5
2	Jayadevasya gitanusare gitagovindasya chintanam **Abhiksa** pp.143-150	July 2013	Ed. Dr.Tapan Shankar Bhattacharya, Sanskrit Pustak Bhandar, Kolkata	ISBN 978-93-83368-66-2
3	Thakur's Citrangada as compared to Citrangada of Modern poets **Anudutam Ravindra sahityam** pp.201-207	2013	Ed.B.Biswal & Others, ,Kathabharati,Kolkata,	ISBN 978-81-922208-6-4

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in
    a.   National Committees   :   NIL
    b.   Internal National Committee   :   NIL
    c.   Editorial Boards

Name of the Teachers	Journal
Dr. Jagamohan Achara	1. Ritayani, A Refereed Research Journal in Sanskrit, Purulia,West Bengal(Editor) 2. Vyasasri, A Refereed Research Journal of Indology,Rourkela ,West Bengal(Associate Editor)

EDITOR :

Name	

22.   Students Projects
    a.   Percentage of Students who have   :   NIL
       Done in-house projects including
       inter departmental / programme.

b. Percentage of students placed for   :   NIL
   Projects in organization i.e., in Research
   The institutional / Industry / Other
   agencies.

23. Awards/ Recognitions received
    by faculty and students.   : One student placed first in University
                                       Examinations in 2012 and won prizes
                                       as topper.

24. **List of eminent academicians and scientists / :**
    Visitors to the department

Sl. No.	Name	Qualification	Destination
1.	Professor Gopal Krishna Dash	M.A., M.Phil, Ph.D	Professor in Utkal University
2.	Professor Prafulla K Mishra	M.A., M.Phil, Ph.D	Professor in Utkal University
3.	Professor Gopal Mishra	M.A., Ph.D	Professor RBU
4.	Dr. Harekrishna Mishara	M.A., M.Phil, Ph.D	Visva Bharati, Shantiniketana

25. Seminars / Conference / Workshops organized & the source of funding. (2012 onwards)

    a. National   : UGC Sponsored two day National
                           Seminar on '**Scientific ideas as reflected in the Vedas and later Sanskrit literature**', organized by department of Sanskrit, Kharagpur College in collaboration with department of Sanskrit Vidyasagar University, January 19-20 2012

    b. International   :   NIL

    c. College Level   :   02

                           1. Alankara,2008 Speaker-. Dr. Bratati Mukherjee , Associate Professor, Midiaioure College

                           2. Visvavidyalaya Anumodita Pathyakrama .2009 Speaker-1. Dr. Amal Bhattacharya, Associate Professor Pingla College

                           3. Professor Narayan Ch. Das Sabang Sajanikanta Mahavidyalaya

26.   **Students profile programme / course wise :**

Name of the Course/ Programme	Year	Application Received	Enrolled		Passed		Pass percentage
			*M	*F	*M	*F	
B.A. (Hons.)	2011-12		22	28	20	28	99%
B.A. (Hons.)	2012-13		20	14	19	14	99%
B.A. (Hons.)	2013-14		11	35	10	35	99%
B.A. (Hons.)	2014-15		23	22	23	21	99%

*M = Male, *F = Female

27.   **Diversity of Students** :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A in Sanskrit Honours	100%	-	-
B.A in Sanskrit General	100%	-	-

28.   How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
National	BSF	10+
State	West Bengal Primary Teachers Exam	8+
State	WBSSC	7+
State	Bank	4+

29.   **Students progression** :

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil.	-
PG to Ph. D.	-
Ph. D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	-
Entrepreneurship/ Self-employment	30%

30. Details of Infrastructural facilities-

    a. Libraries :

Library	Total Books
Central Library	1166
Departmental Library	316

    b. Internet facilities for staff & students : Yes

    c. **Class rooms with ICT facility** :

Device/ Instruments	Number
Computers	1
Projector	1
Projector Screen	-
Microphone & Sound System	-
Video Archive	-

    d. Laboratories : NIL

31. **Numbers of Students receiving financial**
    Assistance from college, University or Other agencies. :

32. Details of students enrichment programmes
    (special lectures / workshop / seminar)
    With external experts : 04

    1. Dr.Bhabasankar Mukherjee,
       Associate Professor,
    Sabang Sajanikanta Mahavidyalaya
    Topic- Samskrita sahitye Sakuntala

    2. Dr. Bratati Mukherjee ,
       Associate Professor,
       Midiaioure College
       Topic- Alamkara

    3. Dr. Amal Bhattacharya,
       Associate Professor
       Pingla College
    Topic-History of Sanskrit Literature

    4. Professor Narayan Ch. Das
    Sabang Sajanikanta Mahavidyalaya
       Topic- General Grammar

33. Teaching methods adopted to improve
     Student learning (Put Tick marks)

     : * Classes through Power Point
         Presentation

       * Movie shows

       * **Students' wall magazine for
         approaching the syllabus in
         varied ways and for their
         creative expressions.**

       * **One-to-one counselling and
          guidance**

       * **Guided library hours**

            * **Project library hours**

            * **Home Assignment**

            * **Question Hour**

            * **Special classes**

            * **Quiz**

            * **Remedial classes**

            * **Group discussion**

            * **Class seminar**

            * **Workshop**

34. Participation in Institutional Social
     Responsibility (UR) and Extension
     Different Social Activities

     : The teachers and students of the
       department generally participation in
       works e.g.
       i) Literacy programme,
       ii) Blood Donation Camp,
       iii) Health Check-up.
       iv) NSS & NCC Programme
       v) Students also take active part in the
          cultural activities organized by
          college and University.
       vi) Social activities in the public forum

35. **SWOC analysis of the department and Future Plans:**

<table>
<tr><td colspan="2" align="center">SWOC ANALYSIS</td></tr>
<tr><td align="center">Strength</td><td align="center">Weaknesses</td></tr>
<tr>
<td>

1. Better infrastructure: The department has dedicated classroom attached to the department and the classroom is ICT-enabled.

2. Well-provided Central Library: The central library has good collection books with ICT facilities and a Book Bank for the financially disadvantaged students.

3. Good Natural Environment: The college is situated amidst good natural surroundings and the natural environment is very conducive for teaching-learning.

4. Positive Attitude of the Students: The students of the department, especially the girl students and students from the socially and economically disadvantaged sections like SC, ST, and OBC bear a positive attitude to life and this element, more than anything else, helps them to work hard for a better future.

5. Internet facilities in the department.

</td>
<td>

1. Very low number of Full-Time Teachers: The department has been suffering from low number teacher. The department is run by only one full time teacher.

2. Lack of Interaction with Resource Persons from outside the Department Lack of Communication Skills and Confidence:The students may have enough knowledge but in many cases they suffer from good communication

3. Departmental Library: The department has not a departmental library.

4. Lack of departmental classroom.

</td>
</tr>
<tr><td align="center">Opportunity</td><td align="center">Challenges</td></tr>
<tr>
<td>

1. New Advanced Syllabus: New syllabi for Sanskrit Hons and General have been started.

2. Re-structuring of Examination System:A new system, in the examination started and more than 50% questions has in Sanskrit language and devanagari scripts.So it create a good future for the students.

3. Increase in Electronic Resources on

</td>
<td>

1. Teaching Skill The department needs to remain updated in knowledge-base and upgraded in teaching skills and fully-equipped in infrastructural facility. At present the department needs to have a Smart Classroom for more interactive teaching-learning.

2. Organizing Programmes with External Resource Persons:The department needs to organize regularly seminars/ workshop/

</td>
</tr>
</table>

Sanskrit . 4. Provision of books from book-bank for poor and needy students. 5. Tutorials and remedial coaching to upgrade the weak students. 6. Facilities to express the literary culture in departmental research journal. 7. Extended facilities for SSC,NET & SET Coaching for both current and Ex-students.	special lecture with external resource persons in order to expose the students to the knowledge and skills from other institutions. 3. Upgrade innovative teaching learning methodologies, e.g. use of ICT or computer-aided methods. 4. Enrich the departmental seminar library. 5. Efforts to inculcate reading habits in students.

Future Plan

- To arrange for class rooms attached to the department

- To enrich the departmental library with more books and journals.

- Create a gateway interface for accessing various Sanskrit manuscripts and other resources available on the internet in various e-libraries.

- To introduce certificate courses on applied aspects of the subject.

- The faculty intends to organize the workshops.

- Importance to be given for infrastructural facilities to implement the modern teaching methods.

- Expansion of existing book – bank facilities for needy and devoted students.

- DTP learning facilities to be given to the departmental students to make them self-reliant in related job opportunities.

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5.

Department of Economics

Evaluative Report the Department of ECONOMICS

1.	Name of the Department	:	Economics

2. Year of Establishment   :   General   : 1949

                                      Honours   : 1956

3. Names of the Programmes /   :   UG
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A./B.Sc in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary   :   Dept. of Commerce, NSOU (BDS)
    Courses and the departments/   and ENVS
    Units involved

5. Annual/ Semester/ Choice based : Annual
    Credit system (programme wise)

6. Participation of the department : The departments is actively involved
    In the courses offered by other   in B.Com Hons. and General
                                         Courses offered by Departments

7. Courses in collaboration with   : Nil
    Other Universities, Industries,
    Foreign institutions etc.

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

9. Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor		
Asstt. Professor	6	4

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

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Prof. Sukla Mondal Saha	M.A., M.Phil., GDCA in Computer Application	Associate Professor	Agricultural Economics and Econometrics	28 Yrs.	Nil
Prof. Kuntal Das	M.Sc	Assistant Professor	International Trade	10 Yrs.	Nil
Dr. Bikash Kumar Ghosh	M.Sc, Ph.D	Assistant Professor	Statistics and Econometrics	9Yrs.	Nil
Dr. Subhabrata Chakrabarti	M.A., M.Phil., Ph.D	Assistant Professor	Statistics and Econometrics	8 Yrs.	Nil

11. List of senior visiting faculty : Dr. Ramendranath Mitra, M.A., Ph.D

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12. Percentage of lectures delivered
    and practical classes handled
    (programme wise) by temporary
    Faculty.

:

Programme	% of Lecture delivered
B.A. Part-I Hons.	-
B.A. Part-I Genl.	98
B.A. Part-II Hons.	-
B.A. Part-II Genl.	97
B.A. Part-III Hons.	-
B.A. Part-III Genl.	98

13. Students- Teacher Ratio
    (Programme wise)

:

Programme	Honours	General
B.A. Part-I	10:4	45:5
B.A. Part-II	8:4	38:5
B.A. Part-III	6:4	15:5

14. Number of Academic support :
Staff (Technical) and administrative
Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	-	-
Administrative staff	-	-

15. Qualification of teaching faculty :

Name	Qualification
Prof. Sukla Mondal Saha	M.A., M.Phil., GDCA in Computer Application
Prof. Kuntal Das	M.Sc
Dr. Bikash Kumar Ghosh	M.Sc, Ph.D
Dr. Subhabrata Chakrabarti	M.A., M.Phil., Ph.D

16. Number of faculty with ongoing :   Nil
Projects from a) National b) In-
ternational funding agencies and
grants received.

17. Departmental projects funded by :   Nil
DST-FIST, UGC, DBT,ICSSR,
Etc. and total grants received.

18. Research center / facility :   Nil
Recognised by the University

19. **Publications**   **(2011 onwards)**   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1.	"Gender-Related Development Programmes and Gender-Related development indicators for India" (pp 131-145)	2012	Gender Budgeting: A Step towards Justice: Conceptual and Empirical Issues (Edited by A. Matin) Published by Das Gupta and Co.	ISBN 978-81-8211-088-5	Sole-Author

No.	Title	Year	Journal/Publisher	ISBN/ISSN	Author
			Pvt. Ltd, Kolkata		
2.	"FDI in India" Pp 188-191	2013	'Foreign Direct Investment and its impact on Indian Economy', Edited by Ashoke Kumar Das , Kharagpur College	ISBN 978-81-928665-0-5	Sole-author
3 a.	"Constraints of Milk Production: A Study on Cooperative and Non-cooperative Dairy Farms in West Bengal", Pp.303-315	2011	Agricultural Economics Research Review, Vol. 23, No. 2.	ISSN 0971-3441	Co-author
3.b	"Milk Marketing under Cooperative and Non-Cooperative Marketing Channels: Evidence from West Bengal" Pp87-108.	2011	Economic Annals (ISSN 0013-3264), Volume LV, No. 187, October – December.	ISSN 0013-3264	Co-author
3.c	"Economic Indicators of Primary Milk Producers' Co-Operative Societies: Evidence from West Bengal" Pp.1-19	2012	International Journal of Sustainable Economies Management, Vol.1, No.3, July-September.	ISSN 2160-9659	Co-author
3.d	"Cost- Benefit Analysis and Major Constraint of Cashew Cultivation: A Study of Marginal farms in West Bengal" Pp173-184	2012	International Journal of Accounting, Management and Economic Scholars, Volume 1, No. 2.	ISSN 2227-409x	Co-author
3.e	"How Does Primary Dairy Cooperative Perform? A Study of Physical and Financial Performance Variables in West Bengal State in India",	`2013	Iranian Journal of Applied Animal Science, Vol. 3, No.2.	ISSN: 2251-628X (Print) ISSN: 2251-631X	Co-author

	pp.397-407.			(Online)	
3.f	"Significance of FDI in Information Technology (IT) and Information Technology Enabled Services (ITES) Sector in India" Pp 177- 187.	2013	Foreign Direct Investment and its impact on Indian Economy, Edited by Ashoke Kumar Das , Kharagpur College	ISBN 978-81-928665-0-5	Sole-author
3.g	"Economics of Eco-friendly Terracotta Products in Bankura District of West Bengal" Pp 233-245.	2014	Journal of Economics and Development Studies, Vol. 2, No. 2	ISSN: 2334-2382 (Print), 2334-2390) (online)	Sole-author
4.a	"The status of Agriculture sector in the post-reform period in northeast India" in "OPEN EYE", pp 5-14	2011	Journal of S.R.L Mahavidyalaya; West Bengal; India; Vol. 8; Dec	ISSN 22494332	Sole-author
4.b	"Development Status in North-East India" pp 139-146	2011	Indian Journal of Regional Science; Vol. XXXXIII; Number 2;	ISSN 0046-9017	Sole-author
4.c	"Employment – Unemployment situation in northeast India" pp-14-25	2013	Jamshedpur Research Review; Vol I; Issue II; March-May	ISSN 23202750	Sole-author
4.d	"Financial Recommendation for northeastern states in India", pp- 141-156.	2013	RabindraBharati University Journal of Economics, Vol. VII; November	ISSN 0975-802X	Sole-author
4.e	"An Empirical Investigation on FDI and some other Foreign Trade Parameters in India- A Brief Review"	2014	Look East, Vol. 1; Number 5	ISSN 2231-0029	Sole-author
4.f	"Relevance of Education-Development Status of North-East India Revisited", pp- 77-81.	2014	Proceedings of National Seminar on "Contribution of Education in Employment and Earning"		Sole-author
4.g	General Impact of FDI in India- A brief Analysis Page 251-264	2015	Impact of FDI on Indian Economy	ISBN-9788193149713	Sole-author

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN

20.   Areas of consultancy and income generated   :

21.   Faculty as members in   :

    a. National Committees   : 1.Regional Science Association, India,
        2. Bengal Economic Association
        3. North East ICSSR

    b. Internal National Committee   :

    c. Editorial Boards

Name of the Teachers	Journal

EDITOR :

Name	

22.   Students Projects

    a. Percentage of Students who have   : 100 %(Every year Part-III students have to submit project paper in different areas. Done in-house projects including inter departmental / programme.

    b. Percentage of students placed for Projects in organization i.e., in Research The institutional / Industry / Other agencies.   :   20%

23. Awards/ Recognitions received : Dr. Bikash Kumar Ghosh awarded Ph.D. degree under CU (Dated 31.10.2012) by faculty and students.

24. **List of eminent academicians and scientists / :**
    Visitors to the department

Sl. No.	Name	Qualification	Designation
01	Prof. Debnarayan Sarkar	PhD	Centre for Economics Studies, Presidency University
02	Prof. Purnendu Sekhar Das	PhD	Dept. of Humanities, IIT Kharagpur
03	Prof. Debasish Mondal	M.A., M.Phil	Dept. Of Economics with Rural Development, Vidyasagar University

25. **Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)**

   a. National :

   b. International :

   c. College Level : 1. Seminar on the topic "Empower women, Save the Girl Child", funded by MANT and NSS, Kharagpur College on 21/02/2014.

   2. Seminar on the topic "Performance of Cooperative Dairy in West Bengal" funded by TC, Kharagpur College on 12/09/2012.

26. Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A./B.Sc. (Hons.)	25	11	2	9	100%
B.A./B.Sc. (Gen)	70	49	20	29	100%

*M = Male, *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A./B.Sc in Economics Honours	80	20	-
B.A./B.Sc in Economics General	75	25	-

28. How many students have cleared National :
and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	5
National	IIT research scholar	3

29. Students progression :

Student progression	Against % enrolled
UG to PG	98%
PG to M.Phil.	
PG to Ph. D.	
Ph. D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	Nearly 70%
Entrepreneurship/ Self-employment	

30. Details of Infrastructural facilities-

     a. Libraries :

Library	Total Books
Central Library	1580
Departmental Library	250

     b. Internet facilities for staff & students : Yes

     c. Class rooms with ICT facility :

Device/ Instruments	Number
Computer with Printer	1+1
Projector	
Projector Screen	
Microphone & Sound System	
Video Archive	

d. Laboratories   :

31. Numbers of Students receiving financial   :
Assistance from college, University or Other agencies.

32. Details of students enrichment programmes   :
(special lectures / workshop / seminar)
With external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks)   : * Classes through Power Point
                                                    Presentation

                                                 * Movie shows

                                               √* Students' wall magazine for
                                                    approaching the syllabus in varied
                                                    ways and for their creative
                                                    expressions.

                                               √* One-to-one counselling and guidance

                                               √* Guided library hours

                                               √* Project library hours

                                               √* Home Assignment

                                               √* Question Hour

                                               √* Special classes

                                               √* Quiz

                                               √* Remedial classes

                                               √* Group discussion

                                               √* Class seminar

                                                 * Workshop

34. Participation in Institutional Social   : The teachers and students of the
Responsibility (UR) and Extension   departments generally participation
                                                  in different social Activities
                                                  work e.g.
                                                  i) Literacy programme,
                                                  ii) Blood Donation Camp,
                                                  iii) Health Check-up. Students also
                                                       take active part in the cultural
                                                       activities organized by college and
                                                       different local Govt. Body as well

as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35.   **SWOC analysis of the department and Future Plans:**

Strength	Weakness
1. Sincere teaching by all faculty members 2. Residue students got admission in the department through sincere coaching not only cleared course successfully but also achieve 1st class and University position. **3.** All the faculty members are engaged in research work in multi various fields.	1) Many students have not background in mathematics. This is a serious problem to learn Economics. 2) Students are not attracted as they fill that subject is hard due to lack of proper awareness. 3) Sufficient infra structural facilities are not available.
Opportunity	**Challenges**
1. There are ample opportunities in the future of the Economics Hons. Students. They are very much comfortable in management related courses. 2. In different Civil service and competitive examinations Economics is considered a very important and relevant subject. 3. The students of Economics may be absorbed as Research Associates in different reputed Research Institutes**.**	1) Our challenge to make our students compatible for any type of National Entrance conducted by UPSC, JNU, DSE, ISI and UGC. 2) Even better results by the students even with the existing types of students. 3) To attract better students through awareness campaigning among the students.

Future Plan

- The department has a plan to introduce PG course.

- To Organize an International seminar on any contemporary global economic issue.

- There is a plan to send the proposal for UGC major research project in which all the teachers of the department will have role.

- To be upgraded with more infrastructure and setting up the class rooms with ICT facility.

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6.

Department of Geography

Evaluative Report the Department of Geography

1. Name of the Department   :   Geography

2. Year of Establishment   :   General   : 2006

                                            Honours   : 2006

3. Names of the Programmes /   :
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A. in Geography (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary   :   Nil
    Courses and the departments/
    Units involved

5. Annual/ Semester/ Choice based   :   Annual
    Credit system (programme wise)

6. Participation of the department   :   NIL
    In the courses offered by other
    Departments

7. Courses in collaboration with   :   NIL
    Other Universities, Industries,
    Foreign institutions etc.

8. Details of courses / programmes   :   NIL
    discontinues (if any) reasons.

9. Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Asstt. Professor	-	-

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

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Sandip Tripathy	M.A, B.ed, M.Phil.	Govt. approved Contractual Whole Time Teacher	Remote Sensing and GIS	5 years	nil
Mrs. Sharmistha Manna	M.A(Geography), M.A(Education), B.ed	Govt. approved Part Time Teacher	Agricultural Geography	6years	nil
Sk. Safikul Haque	M.A , B.ed	Guest Lecturer	Remote Sensing and GIS	6 months	nil
Namami Saha	M.A	Guest Lecturer	Urban Geography	6 months	nil
Saurav Chakraborty	M.A, M.Phil	Guest Lecturer	Urban Geography	3 years	nil
Chayon Chakraborty	M.A, B.ed	Guest Lecturer	Urban Geography	3years	nil
Asish Ghosh	M.A, B.ed	Guest Lecturer	Urban Geography	4 years	nil
Nityananda Sar	M.A, B.ed	Guest Lecturer	Urban Geography	4years	nil

11. List of senior visiting faculty :

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary Faculty.

:

Programme	% of lecture	
	Theory	Practical
B.A. Part-I Hons.	54%	65%
B.A. Part-I Genl.	83%	0%
B.A. Part-II Hons.	75%	65%
B.A. Part-II Genl.	83%	0%
B.A. Part-III Hons.	33%	70%
B.A. Part-III Genl.	66%	100%

13.	Students- Teacher Ratio (Programme wise) **(Workload of 2 Guest Lecturer has been taken as equal to workload of one full time permanent teacher**)	:

Programme	Honours	General
B.A. Part-I	11:1	3:1
B.A. Part-II	8:1	5:1
B.A. Part-III	9:1	2:1

14.	Number of Academic support Staff (Technical) and administrative Staff; sanctioned and filled	:

	Sanctioned	Filled
Academic support staff	-	01
Administrative staff	-	-

15.	Qualification of teaching faculty	:

Name	Qualification
Sandip Tripathy	M.A, B.ed, M.Phil.
Mrs. Sharmistha Manna	M.A.(Geography and Education), B.ed
Sk. Safikul Haque	M.A , B.ed
Namami Saha	M.A
Saurav Chakraborty	M.A, M.Phil
Chayon Chakraborty	M.A, B.ed
Asish Ghosh	M.A, B.ed
Nityananda Sar	M.A, B.ed

16.	Number of faculty with ongoing NIL Projects from a) National b) International funding agencies and grants received.	:

17.	Departmental projects funded by NIL DST-FIST, UGC, DBT,ICSSR, Etc. and total grants received.	:

18.	Research center / facility Recognised by the University	:	NIL

19.   Publications   (2011 onwards)   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
Sandip Tripathy					
1	Assessment Of Socioeconomic Status Of Marginalized Semi-Urban Slum – Dwellers On The Basis Of Attainment Of Education: A Case Study In Patharghata Slum, Ballavpur Mouza, Midnapur District, West Bengal, (Page no-57)	June 2013	Journal of Business Management & Social Sciences Research (JBM&SSR)	2319 - 5614	Sole
2	A Critical Analysis Of The Prevalence Of Effects Of Advertisement On Children Of Midnapur Town, West Bengal (Page no-10)	July 2013	Journal of Business Management & Social Sciences Research (JBM&SSR)	2319 - 5614	Co-Author
3	Long Term Quality Enhancement and Learning Management through Virtual Teaching in Higher Education in Paschim Medinipur District (Page 30-33)	May-June 2013	IOSR Journal of Research & Method in Education (IOSR-JRME)	2320-7388	Co-Author
4	DEVELOPMENT-INDUCED DISPLACEMENT AND HUMAN DEVELOPMENTTHROUGHINDUSTRIALISATION IN INDIA (Page no-1-5)	July 2013	African Journal of Geo - Science Research,	2307 - 6992	Co-Author
5	SOCIO-ECONOMIC STATUS OF MARGINALISED SEMI-URBAN SLUM DWELLERSOFBALLAVPUR MOUZA, MIDNAPUR DISTRICT, WEST BENGAL	March, 2013	International Journal of Current Research	0975 - 833X	Sole

Publication of Books:			
Sandip Tripathy			
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
1	Contemporary issues in Population Research	2015	Kabitika	978-93-85248-27-6

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in   :   NIL

    a.   National Committees   :   NIL

    b.   Internal National Committee   :   NIL

    c.   Editorial Boards

Name of the Teachers	Journal
	Nil
	Nil

EDITOR :

Name	NIL

22.   Students Projects

    a.   Percentage of Students who have   :   Every students will have to complete
    Done in-house projects including   their dissertation work mandatorily in
    Inter departmental / programme.   third year for Hons and General both
    students.

    b.   Percentage of students placed for   :   NIL
    Projects in organization i.e., in
    Research The institutional / Industry
    /Other agencies.

23.   Awards/ Recognitions received   :   NIL
    by faculty and students.

24.   **List of eminent academicians and**   :   NIL
    scientists / Visitors to the department

Sl. No.	Name	Qualification	Designation
-	-	-	-
-	-	-	-
-	-	-	-

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

    a.   National   :   NIL

    b.   International   :   NIL

    c.   College Level   :   NIL

26. **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)	520	48	38	10	50%

*M = Male, *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in Bengali Honours	100%	-	-
B.A. in Bengali General	100%	-	-
M.A. in Bengali	100%	-	-

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	01
State	West Bengal Primary Teachers Exam	10
National	UGC-NET	20

29. Students progression   :

Student progression	Against % enrolled
UG to PG	95%
PG to M.Phil.	-
PG to Ph. D.	-
Ph. D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	_____-___
Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities-
    a. Libraries   :

Library	Total Books
Central Library	588
Departmental Library	

b. Internet facilities for staff & students : Teacher and staff can access internet from Department through Wi-Fi, while students also can avail internet facility from departmental lab and surroundings.

c. Class rooms with ICT facility : Yes, The department applies ICT whenever possible in classroom teaching.

Device/ Instruments	Number
Computers	6
Printer and scanner	1
Geographical Information System (GIS) softwares	2
Projector	Nil
Projector Screen	Nil
Microphone & Sound System	Equipped with two lab rooms
Video Archive	Nil

d. Laboratories : Two class labs with fully equipped with microphone and sound system as well as Wi-Fi for both students and Teachers.

31. Numbers of Students receiving financial   :
    Assistance from college, University or
    Other agencies.

32. Details of students enrichment programmes   :   Nil
    (special lectures / workshop / seminar)
    With external experts

33. Teaching methods adopted to improve
    Student learning (Put Tick marks)   :√* Classes through Power Point
                                            Presentation

                                         √* Movie shows

                                          * Students' wall magazine
                                            for approaching the syllabus in
                                            varied ways and for their
                                            creative expressions.

                                         √* One-to-one counselling and
                                            guidance
                                          * Guided library hours
                                         √* Project library hours
                                         √* Home Assignment
                                         √* Question Hour
                                         √* Special classes
                                         √* Quiz
                                         √* Remedial classes
                                         √* Group discussion
                                         √* Class seminar
                                          * Workshop

34. Participation in Institutional Social : The teachers and students of the
    Responsibility (UR) and Extension   departments generally participation
                                              in different social Activities

                                              work e.g.
                                               i) Literacy programme,
                                              ii) Blood Donation Camp,
                                              iii) Health Check-up. Students also
                                              take active part in the cultural
                                              activities organized by college and
                                              different local Govt. Body as well as
                                              Private Institution. Different health
                                              awareness programmes are jointly
                                              organized by the college, health
                                              department and local NGO.

35. **SWOC analysis of the department and Future Plans:**

Strength	Weakness
a. Meritorious students. ii) Well-stocked library iii) Internet facilities (Wi-Fi) in the department. iv) Congenial teaching environment. v) Conducive teacher-student relationship vi) Well equipped laboratories (separate laboratories for Pedology and remote sensing and GIS) vi) Availability of modern instruments for survey work vii) Modern laboratory-classrooms equipped with sound systems	i) Insufficient books in departmental library. ii) Inadequate vacant- full- time teaching post. iii) Lack of modern essential instruments. iv) Infrastructural lacunac hinders the use of Modern methods of teaching.
Opportunity	**Challenges**
Provision of books from departmental book-bank (collected sample books throughout the year from different publishers) for poor and needy students. ii) Tutorials and remedial coaching to upgrade the weak students. iii) To prepare and publish departmental journal. iv) Extended facilities for Coaching of different competitive examinations for students.	i) To enrich departmental seminar library ii) Efforts to inculcate reading habits in students. iii) Endeavour for local area surveys and research.

Future Plan

- To enrich the departmental library with sufficient standard books and of different authors, journals (both online and offline) and suitable reading rooms facilities and library attendants.
- The teachers and students both participate in different cultural activities. It would be tried to arrange this type of programme intensely.
- In future, more importance to be given in integration of subject with society.
- Provision of more modern tools like DGPS (Differential Global Positioning System), Total Station, Spectrometer to students.
- To develop a more research oriented pedology Lab and GIS Lab that could be used as provision of consultancy services.

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7.
Department of History

Evaluative Report the Department of History

1. Name of the Department : History

2. Year of Establishment : General : 1949

    Honours : 1949

3. Names of the Programmes / : UG
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary : Nil
    Courses and the departments/
    Units involved

5. Annual/ Semester/ Choice based : Annual
    Credit system (programme wise)

6. Participation of the department : The departments is actively In the courses
    offered by other   involved in B.A./B.Sc. Hons.
    Departments   Courses offered by other departments
                 through teaching the combination
                 subject of History as a General.

7. Courses in collaboration with : Nil
    Other Universities, Industries,
    Foreign institutions etc.

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

9.   Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor		2
Asstt. Professor	4	1

10.   Faculty profile with name,   :
        Qualification, designation,
        Specialisation, (D.Sc./D.Litt./
        Ph.D./M.Phil. etc)

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Prof.Udita Bhattacharya	M.A,B.Ed	Associate Professor	History of Africa	29 yr	Nil
Prof. Rakhal Chandra Bhunia	M.A, B.Ed (Pursuing Ph.D. from Vidyasagar University)	Assistant Professor	History of Modern India	11 yr	Nil
Dr, Rekha Dutta	M.A.,Ph.D	Associate Professor	History of Modern Europe	25 yr	Nil
Sri Milan De	M.A, B.Ed	Part-Time Teacher(G.A)	History of Mediaval India	6 yr	Nil
Sk. Abul	M.A., M.Phil (Running Ph.D.)	Guest Teacher	History of Mediaval India	5 yr	Nil
Sri David Roy	M.A, B.Ed	Guest Teacher		2 yr	Nil
Sri Rimo Pal	M.A, B.Ed	Guest Teacher		2 yr	Nil

11.   List of senior visiting faculty   :   Nil

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

Programme	% of Lecture delivered
B.A. Part-I Hons.	17
B.A. Part-I Genl.	50
B.A. Part-II Hons.	44
B.A. Part-II Genl.	50
B.A. Part-III Hons.	17
B.A. Part-III Genl.	20

13. Students- Teacher Ratio :
    (Programme wise)

Programme	Honours	General
B.A. Part-I	96:6	330:1
B.A. Part-II	55:6	175:1
B.A. Part-III	50:7	25:7

14. Number of Academic support :
    Staff (Technical) and administrative
    Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	4	3
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
Prof.Udita Bhattacharya	M.A,B.Ed
Prof. Rakhal Chandra Bhunia	M.A,B.Ed
Dr, Rekha Dutta	M.A., Ph.D
Sri Milan De	M.A,B.Ed
Sk. Abul	M.A., M.Phil
Sri David Roy	M.A,B.Ed
Sri Rimo Pal	M.A,B.Ed

16. Number of faculty with ongoing : Nil
    Projects from a) National b) In-
    ternational funding agencies and
    grants received.

17. Departmental projects funded by
    DST-FIST, UGC, DBT,ICSSR,
    Etc. and total grants received. : One MRP, funded by UGC,
    completed by Dr. Rekha Dutta.

18. Research center / facility : Nil
    Recognised by the University

19.   Publication (2011 onwards)   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1/a	<u>Sampratik Itihas Charcha - Sankat O Uttaran,</u>	<u>2015</u>	<u>Barater Samajik Itihas Nirman:Sankat O Uttaran</u>	<u>(ISBN : 978-93-83360-20-8)</u>	<u>Sole Rakhal Ch Bhunia</u>
1/b	<u>Swamijir Drishtite unabingsha Shatabdir Bharatbarshe engreg Shasan,Sipahi Bidraho O Shikha Byabathar Swarup</u>	<u>2012</u>	<u>)Ananya ViVekananda</u>		<u>Sole Rakhal Ch Bhunia</u>
2	Unabinsha Satabdir Muslim Nabajagoraner : Obaidullah al Obaidi Surhawardy (1832-1885	2014	Paschim Banga Itihas Samsad,kol		Sole Sk Abul

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in   :   NIL
   a.   National Committees   :   NIL
   b.   Internal National Committee   :   NIL
   c.   Editorial Boards

Name of the Teachers	Journal

   EDITOR   :   **NIL**

Name	**Nil**

22.   Students Projects

   a.   Percentage of Students who have   :
        Done in-house projects including
        inter departmental / programme.

   b.   Percentage of students placed for   :
        Projects in organization i.e., in Research
        The institutional / Industry / Other
        agencies.

23.   Awards/ Recognitions received   :   Rimo pal (M.A. Gold Medal)
                                                   2012 by faculty and students.

24.   **List of eminent academicians and scientists / :**
       Visitors to the department

Sl. No.	Name	Qualification	Destination

25.   Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

       a.   National   :   Nil

       b.   International   :   Nil

       c.   College Level   :   Nil

26.   **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)					

*M = Male, *F = Female

27.   **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in Bengali Honours		-	-
B.A. in Bengali General		-	-
M.A. in Bengali		-	-

28.   How many students have cleared National   :
       and State competitive examinations such
       as NET, SLET, GATE, Civil services,
       Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	10
State	West Bengal Primary Teachers Exam	16

29. Students progression :

Student progression	Against % enrolled
UG to PG	80
PG to M.Phil.	02
PG to Ph. D.	01
Ph. D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	___Nil_____ Nil
Entrepreneurship/ Self-employment	10

30. Details of Infrastructural facilities-

   a. Libraries :

Library	Total Books
Central Library	3200
Departmental Library	

   b. Internet facilities for staff & students : Yes

   c. Class rooms with ICT facility :

Device/ Instruments	Number
Computers	1(one)
Printer	1(one)
Projector Screen	Nil
Microphone & Sound System	1(one)
Video Archive	Nil

   d. Laboratories : Nil

31. Numbers of Students receiving financial Assistance from college, University or Other agencies. :

32. Details of students enrichment programmes (special lectures / workshop / seminar) With external experts : Nil

33. Teaching methods adopted to improve Student learning (Put Tick marks)

   : * Classes through Power Point Presentation

* Movie shows

* Students' wall magazine for approaching the syllabus in varied ways and for their creative (Wall Magazane Unmesh) expressions.

* One-to-one counselling and guidance

- ✓ Guided library hours
  - * Project library hours
- ✓ Home Assignment
- ✓ Question Hour
- ✓ Special classes
  - * Quiz
- ✓ Remedial classes
- ✓ Group discussion
- ✓ Class seminar
- ✓ Workshop

34. Participation in Institutional Social Responsibility (UR) and Extension

   : The teachers and students of the departments generally participation in different social Activities work e.g.

√ i) Literacy programme,

√ ii) Blood Donation Camp,

√ iii) Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35. SWOC analysis of the department and Future Plans:

Strength	Weakness
Located beside the Orissa Trunk Rd the College is approximately 2.5 Km away from Kharagpur Rly ST. and 2.5 Km away From Kolkata to Mumbai N.H This great advantage of communication helps our Students of remote Village to attend classes from their native home. Being a cosmopolitan Town Kharagpur is regarded as mini India. Our Students are of different state, religion and of languages, so the department is fertile with mix-cultural atmosphere which has made our students adventurous, enthusiastic, broad minded and hard working.	The weakness of the department is insufficient book in the library and the absence of modern methods of teaching. The pressure of long syllabus is also a problem. We should have to re-think on this point. Vacant full-time teaching posts for a long time are also a problem of the department. A number of students are belonging below the poverty line and they are compelled to discontinue the UG course . The girl students are often get married at the mid-session under the pressure of family and socio-economic condition. We should have to overcome these problems.
Opportunity	**Challenges**
The Department has a great opportunity to open the P.G. Course. We are teaching here both in Bengali and English medium. It's a great advantage of Kharagpur College. So the Students of those two languages are very comfortable here. The English medium Students have an opportunity to be admitted here. Opportunity of campus interview should be provided to the students of social Science group e.g. History, Sociology ,Political Science. We have the provision of Book-bank, Special. Tutorial classes and remedial coaching class. Lastly we have the opportunity to create a separate block for the department of History, arranged with maps, relics and others specimens of anthropology.	To develop the total infrastructure of the department with modern apparatus and instruments. We have to provide computers to the students and to arrange special English classes , so that their English speaking power may improve. Social awareness of the student must be developed. The idea of 'each one teach one' should be materialised . the student should be enthusiastic enough to start enter premiership and to be self employed in future. Women empowerment should be a special step of the Department.

Future Plan

- The department intends to organise regularly seminars / workshops /special lecturer in collaboration with other departments of this college and other institutions and organizations.
- The departmental library should be enriched with standard books and journals.
- The student must be aware of the recent publications and special reading rooms should be established.
- Special emphasis would be taken to collect local history by the students; educational tour programme will be arranged and different games and sports programme also may be arranged by the department.

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8.

Department of Philosophy

Evaluative Report the Department of PHILOSOPHY

| 1. | Name of the Department | : | Philosophy |

| 2. | Year of Establishment | : | General : 1949 |
| | | | Honours : 1949 |

3. Names of the Programmes /   : UG
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary   :   Environmental Science
    Courses and the departments/
    Units involved

5. Annual/ Semester/ Choice based   :   Annual
    Credit system (programme wise)

6. Participation of the department   :   The departments is actively In the courses
    offered by other   involved in B.A./B.Sc. Hons.
    Departments   Courses offered by other departments
                                              through teaching the combination of
                                              Hist,Socio,Sans,Pl.Sc.,Beng,Hindi
                                              as a General.

7. Courses in collaboration with   :   NIL
    Other Universities, Industries,
    Foreign institutions etc.

8. Details of courses / programmes   :   NIL
    discontinues (if any) reasons.

9.   Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor	2	2
Asstt. Professor	4	1

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

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Prof. Sukla Roy	M.A	ASSOCIATE	Epistemology and Buddhism	31Yrs	
Prof. Debjani Mjumder	M.A	ASSOCIATE	Vendanta	25Yrs	
Prof.Poulomi Talukdar	M.A, .M.phil	ASSISTENT	Feminist Epistemology and Ethics, philosophy of Rabindra Nath Tagore	1Yr	
Prof. Sunita Rana	M.A	GUEST-LECTURER	Logic and Cognitive Science	4.5Yrs	
Prof.Sampa De	M.A	GUEST-LECTURER	Logic and Applied Ethics	4.5Yrs	
Prof. Samnia Khatoon	M.A	GUEST-LECTURER	Logic and Applied Ethics	2Yrs	

11.   List of senior visiting faculty   :   NIL

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

Programme	% of Lecture delivered
B.A. Part-I Hons.	25%
B.A. Part-I Genl.	75%
B.A. Part-II Hons.	17%
B.A. Part-II Genl.	75%
B.A. Part-III Hons.	10%
B.A. Part-III Genl.	50%

13. Students- Teacher Ratio :
    (Programme wise)

Programme	Honours	General
B.A. Part-I	15:1	126:1
B.A. Part-II	5:1	62:1
B.A. Part-III	2:1	11:1

14. Number of Academic support :
    Staff (Technical) and administrative
    Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	NA	NA
Administrative staff	NA	NA

15. Qualification of teaching faculty :

Name	Qualification
Prof. Sukla Roy	M.A
Prof. Ddebjani Majumder	M.A
Prof. Poulomi Talukdar	M.A,M. Phil
Prof. Sunita Rana	M.A
Prof Sampa De	M.A
Prof. Samina Khatoon	M.A

16. Number of faculty with ongoing : NIL
    Projects from a) National b) In-
    ternational funding agencies and
    grants received.

17. Departmental projects funded by : Nil
    DST-FIST, UGC, DBT,ICSSR,
    Etc. and total grants received.

18. Research center / facility : NIL
    Recognised by the University

19.   Publications (2011 onwards)   :   Nil

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN

20.   Areas of consultancy and income generated   :   N.A

21.   Faculty as members in   :   NIL

    a.   National Committees   :

    b.   Internal National Committee   :

    c.   Editorial Boards

Name of the Teachers	Journal

EDITOR :

Name	

22. Students Projects

   a. Percentage of Students who have   :   NIL
       Done in-house projects including
       inter departmental / programme.

   b. Percentage of students placed for   :   NIL
       Projects in organization i.e., in Research
       The institutional / Industry / Other
       agencies.

23. Awards/ Recognitions received   :   YES
     by faculty and students.

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

Sl. No.	Name	Qualification	Designation
01	Swami Tyagarupananda	-----	Principal, Ramakrishna Mission Vidyamandira
02	Dr. S.C. Panigrahi	M.A., PhD	Professor, Utkal University
03	Dr. Tapan Kumar Chakrabarti	M.A., PhD	Formerly Professor, JadavpurUniversity
04	Dr. Tapan Kumar De	M.A., PhD	Reader, Vidyasagar University

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

   a. National   : A UGC sponsored two-day
                                                national seminar, organized by the
                                                department on "A New movement in
                                                Indian Philosophy and culture:
                                                contribution of Swami Vivekananda"
                                                in collaboration with Ramakrishna
                                                Mission Vidyamandira, Belue Math on
                                                22-23rd December, 2011.

   b. International   :

   c. College Level   :

26. **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Part –III (2014-15)	Enrolled		Pass percentage
				*M	*F	
B.A. (Hons.)						

*M = Male, *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in Philosophy Honours	100%	_	-
B.A. in Philosophy i General	95%	5%	-
M.A. in Philosophy	-	-	-

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	7
State	West Bengal Primary Teachers Exam	Nil

29. Students progression :

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil.	-
PG to Ph. D.	-
Ph. D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	20.23%

30. Details of Infrastructural facilities-
    a. Libraries :

Library	Total Books
Central Library	2599
Departmental Library	

b. Internet facilities for staff & students : Yes

c. Class rooms with ICT facility :

Device/ Instruments	Number
Computers & Printer	1+1
Projector	Nil
Projector Screen	Nil
Microphone & Sound System	1
Video Archive	Nil

d. Laboratories : N.A

31. Numbers of Students receiving financial :
     Assistance from college, University or
     Other agencies.

32: Details of students enrichment programmes (special lectures / workshop / seminar)
     With external experts

     A UGC sponsored two-day national seminar, organized by the department on "A New movement in Indian Philosophy and culture: contribution of Swami Vivekananda" in collaboration with Ramakrishna Mission Vidyamandira, Belue Math on 22-23rd December, 2011.
     - A special lecture entitled "Carol Gilligan and Chandalika" on 1st December, 2015 by Smt. Poulami Talukdar

33. Teaching methods adopted to improve
     Student learning (Put Tick marks) : * Classes through Power Point
                                              Presentation
                                          ✓ Movie shows
                                          ✓ Students' wall magazine
                                              For approaching the
                                              syllabus in varied ways
                                              and for their creative
                                              expressions.
                                          ✓ One-to-one counseling and
                                              guidance
                                          ✓ Guided library hours
                                              * Project library hours

                                          ✓ Home Assignment
                                          ✓ Question Hour
                                          ✓ Special classes
                                           * Quiz

✓ Remedial classes
✓ Group discussion
✓ Class seminar
* Workshop

34. Participation in Institutional Social Responsibility (UR) and Extension

: The teachers and students of the departments generally participation in different social Activities work e.g.

iv) Literacy programme,

v) Blood Donation Camp,

iii) Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35. **SWOC analysis of the department and Future Plans:**

Strength	Weakness
1. Healthy relationship among the teachers and students is main strength of our department. 2. Enriched Library 3. College Administration`s huge support.	1. Lack of sufficient infrastructure of the modern method of teaching. 2. Students disinterest to this subject at the age of commercialization. 3. Uncertainty of employment. 4. Lack of full-time teacher.
Opportunity	**Challenges**
1. Search for highest human values through the studies of Ethics. 2. Scope of studying Indian and Western logic to sharpen the inherent power of reasoning.	To this age of Science and Commerce, and in a sense to this fast growing attitude of industrialization the whole civilization is at stake in the matter of inter-personal human relations. Philosophy as a subject can take up the challenge to keep up the power of understanding and uphold the highest human values to the cause of advancement of humanity as awhole.

Future Plan

- The department intends to organize regularly seminars, workshop, and special lecture in collaboration with other departments of this college and other institutions.
- It will seek to enrich the departmental library with more standard books of different authors, suitable reading room facilities and more computers for access.
- The teachers of the department want to apply for Minor Research Projects.
- The teacher wants to participate in faculty improvement Programme.
- To cultivate the spirit of facing the challenges of society with the changes of social, political and environmental conditions with a human outlook.

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9.

Department of Political Science

Evaluative Report the Department of POLITICAL SCIENCE

1. Name of the Department   :   Political Science

2. Year of Establishment   :   General   : 1949

                                                Honours   : 1949

3. Names of the Programmes /   :   UG
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.A. in (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary   :   N.A
    Courses and the departments/
    Units involved

5. Annual/ Semester/ Choice based   :   Annual
    Credit system (programme wise)

6. Participation of the department   :   N.A
    In the courses offered by other
    Departments

7. Courses in collaboration with   :   N.A
    Other Universities, Industries,
    Foreign institutions etc.

8. Details of courses / programmes   :   N.A
    discontinues (if any) reasons.

9. Number of teaching posts   :

	Sanctioned	Filled
Professor	NIL	NIL
Associate Professor	--	01
Asstt. Professor	05	01

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

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Dr.Anjan Bagchi	M.A (in Political Science), Ph.D	Associate Professor	Local Govt. and Politics at P.G Level and Indian Coalition Politics at Ph.D Level	22 yrs	Nil
Kaushik Chakraborty	M.A(in International Relations), M.Phil	Asst. Professor	South East Asia at P.G Level and Look East Policy at M.Phil Level	05 yrs	Nil
Sudhangsu Barman	M.A(in Political Science);B.Ed	Part -Time Teacher (Govt. Approved)	Local Govt. and Politics	07 yrs	Nil
Swapan Kamilya	M.A(in Political Science)	Part -Time Teacher (Govt. Approved	South- East Asia	07 yrs	Nil
Souvik Patra	M.A(in Political Science);M.Phil	Guest Teacher	Local Govt. & Politics at PG Level and Food Security and Public Distribution System at M.Phil level	02 yrs	Nil
Tapasi Giri	M.A(in Political Science);B.Ed M.Phil	Guest Teacher	Comparative Politics and Research Methodology at PG Level and the Forest Right Act in WB at M.Phil level	$1^{1/2}$ yrs	Nil

11. List of senior visiting faculty   :   N.A

    .

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

Programme	% of Lecture delivered
B.A. Part-I Hons.	Nil
B.A. Part-I Genl.	37.5%
B.A. Part-II Hons.	11.11%
B.A. Part-II Genl.	42.86%
B.A. Part-III Hons.	16.67%
B.A. Part-III Genl.	50%

13. Students- Teacher Ratio
               :
     (Programme wise)

Programme	Honours	General
B.A. Part-I	14:1	71:1
B.A. Part-II	07:1	51:1
B.A. Part-III	04:1	14:1

14. Number of Academic support   :
     Staff (Technical) and administrative
     Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	N.A	N.A
Administrative staff	N.A	N.A

15. Qualification of teaching faculty
                  :

Name	Qualification
Dr.Anjan Bagchi	M.A, Ph.D
Kaushik Chakarborty	M.A, M.Phil
Sudhangsu Barman	M.A, B.Ed
Swapan Kamilya	M.A
Souvik Patra	M.A ; M.Phil
Tapasi Giri	M.A ;B.Ed M.Phil

16. Number of faculty with ongoing   :   NIL
     Projects from a) National b) In-
     ternational funding agencies and
     grants received.

17. Departmental projects funded by   :   NIL
     DST-FIST, UGC, DBT,ICSSR,
     Etc. and total grants received.

18. Research center / facility   :   NIL
     Recognised by the University

19. Publications   (2011 onwards)   :

Kaushik Chakraborty					
Sl. No.	**Title with page no.**	**Year**	**Journal / Book**	**ISBN/ISSN No.**	**Sole/Co-Author**
1	Jiban sahanye Sri Ram Krishna Page No: 38-50	2011	Prayan Katha Smaran Katha	ISBN -978-93-81-858-07-3	Sole
2	Rabindranath-Vivekananda:Anwita Sattar sattar sandhane, Page no.151-164	2011	The West Bengal Political Science Review,Vol-XIV,No-1	ISSN-2230 8296	Sole
3	Swami Vivekananda ebong Byakti Swadhinata vittik Samajtantra, Page No.106-113	2011	Samaj- Tattva, Vol-17, Issue-1	ISSN-0975 9980	Sole
4	Markin Juktorastra, Russia O Chiner Bidesh Niti. Page:239 -283	2012	Antarjatik Samparker Ruprekha ; Purushattam Bhattacharya & Anindya jyoti Majumder (eds).; Publisher-Setu	ISBN :978-93-80677-36-1	Co- Author
5	Noy-Egaro Uttor Biswa Paristhiti O Americar Bhumika,Page No.110-119	2013	Samaj-Jijnasa,Vol-7, No. 1 and 2	ISSN-2321 158 X	Sole
6	Bharater Sangbidhan er Prastabana; Page:15-26	2013	Bharater Sangbidhan ; Apurba Mahon Mukhopadhyay & Debasish Nandy (eds); Pub- Joy Durga Library	ISBN: 978-93-81680-25-4	Sole
7	Analysis of FDI Inflows in the Post Liberalization Period(1991-2008)	2013	Foreign Direct Investment and its Impact on Indian Economy ; Ashoke kumar Das (ed) Publisher:	ISBN: 978-81-928665-	Co- Author

				Kharagpur College	0-5	
8	Dakshin Asiyay Manabadhikar: Bharat , Bangladesh O Bhutan er Abasthan; Page: 169-194	2014		Dakshin Asiyay Ganatantra:Matra O Prabonata; Debashis Mitra & Debasis Nandy (eds); Pub-Avenel Press	ISBN: 978-93-80761-22-0	Sole
9	Bharater Pube Dekho Niti : Prosongo O Prasangikota , Page :301-322	2015		Bharater Bidesh Niti O Samparker Goti Prokriti; Biswanath Chakraborty,Debasish Nandy(eds);Progressive Publishers	ISBN: 978-81-8064-213-5	Sole

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
Not Applicable				

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in

     a.   National Committees   :   NIL

     b.   Internal National Committee   :   NIL

     c.   Editorial Boards

Name of the Teachers	Journal
Nil	Nil

EDITOR :

Name	Nil.

22.   Students Projects

     a.   Percentage of Students who have   :   Nil.
        Done in-house projects including
        inter departmental / programme.

b. Percentage of students placed for   :   Nil.
    Projects in organization i.e., in Research
    The institutional / Industry /
    Other agencies.

23. Awards/ Recognitions received   :Sri Sudhangsu Barman (faculty) was
     by faculty and students   awarded The Vidyasagar University
                                           SILVER MEDAL in year 2009

24. **List of eminent academicians and scientists / :   NIL**
     Visitors to the department

Sl. No.	Name	Qualification	Destination
	Nil	Nil	Nil
	Nil	Nil	Nil
	Nil	Nil	Nil

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

a. National   :

b. International   :

c. College Level   : Annual Conference of West
                              Bengal Political Science Association,
                              held on 1-2 December 2012 with the
                              financial assistance of the Association
                              and Kharagpur College.

26. **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)					Not yet appeared at University Exam.

*M = Male, *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A. in Political Science Honours	100%	Nil	Nil
B.A. in Political Science General	100%	Nil	Nil
M.A in Political Science	100%	Nil	Nil

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? :

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	07
State	West Bengal Primary Teachers Exam	13

29. Students progression :

Student progression	Against % enrolled
UG to PG	91%
PG to M.Phil.	
PG to Ph. D.	
Ph. D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	

30. Details of Infrastructural facilities-

   a. Libraries :

Library	Total Books
Central Library	1992
Departmental Library	

   b. Internet facilities for staff & students :   Available.

c. Class rooms with ICT facility : Nil

Device/ Instruments	Number
Computers & Printer	1+1
Projector	Nil
Projector Screen	Nil
Microphone & Sound System	1
Video Archive	Nil

d. Laboratories : N.A

31. Numbers of Students receiving financial :
     Assistance from college, University or Other agencies.

32. Details of students enrichment programmes :
     (special lectures / workshop / seminar)
     With external experts

33. Teaching methods adopted to improve
     Student learning (Put Tick marks) : * Classes through Power Point
                                              Presentation
                                           * Movie shows
                                           ✓ Students' wall magazine
                                              for approaching the
                                              syllabus in varied ways
                                              and for their creative
                                              expressions.

                                           ✓ One-to-one counselling
                                              and guidance
                                           ✓ Guided library hours
                                           ✓ Project library hours
                                           ✓ Home Assignment
                                           ✓ Question Hour
                                           ✓ Special classes
                                           ✓ Quiz
                                           ✓ Remedial classes
                                           ✓ Group discussion
                                           ✓ Class seminar
                                           * Workshop

34. Participation in Institutional Social : The teachers and students of the
     Responsibility (UR) and Extension   departments generally participation
                                             in different social Activities
                                             work e.g.

√ i)   Literacy programme,

√ ii) Blood Donation Camp,

√ iii) Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35.   **SWOC analysis of the department and Future Plans:**

Strength	Weakness
Being located at a geographically advantageous position bordering Orissa and Jharkhand State, the college attracts a large number of students from different areas outside Kharagpur. The College is situated in between Kharagpur Railway Station and Bombay Road. We get students of different linguistic groups as Kharagpur is a cosmopolitan town. This diversity of students fosters a multicultural outlook setting aside the narrow parochialism. UGC-Sponsored Remedial Course has been introduced for marginalized students(SC,ST & OBC) in different subjects and we are not an exception to that. New cubicle has been set up for the Department to facilitate interaction with students and personal guidance as well as counseling to them. The Central Library is well equipped with valuable books and other materials. Students are guided in matter of borrowing and access of books. The Department has been provided with computer with high speed internet facility and printer for the use of teachers and students.	The Department has been suffering from shortage of full-time teachers lying vacant for a long time. Delay in appointment seems to be a hindrance to the day- to- day activities of the Department. Admittedly, no arrangement has yet been made for facilitating interactions of students with Resource Persons from other colleges and universities.

Opportunity	Challenge
The college is surrounded by the vast tract of vacant land of its own that may be used for the development of separate departmental infrastructure with attached class rooms. New syllabi for Honours and General Courses have recently been framed by Vidyasagar University to cope with the changing dimensions of the subject.	Our challenge is to learn well and teach well through updated knowledge, to motivate the students in their studies, to assist and enthuse them to establish themselves in their own area of interest and choice. In the present uncomfortable situation, it is another challenge for us to ensure an amicable relationship among the teachers and students both inside and outside the class room and to develop a sense of fellow-feeling for one another.

Future Plan

- We have chalked out a futuristic plan for the Department. Our plans are to arrange lecture-series by eminent Resource Persons throughout the year on current issues of politics, National and State level Seminars on Interdisciplinary topics, Seminars by students on syllabus-oriented topics.

- We have decided to launch a digital library exclusively for the Department, to introduce audio-visual teaching method in the class room to make the subject more attractive and interesting to the students.

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10.
Department of Physics

Evaluative Report the Department of PHYSICS

1. Name of the Department : Physics

2. Year of Establishment : General : 1954

   Honours : 1974

3. Names of the Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters, Integrates Ph.D., etc.) :

Level	Courses
UG	B.Sc. in Physics (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary Courses and the departments/ Units involved : NIL

5. Annual/ Semester/ Choice based Credit system (programme wise) : Annual

6. Participation of the department involved In the courses offered by other Departments : The departments is actively in B.Sc. Hons. Courses offered by Mathematics, Chemistry and Computer Science departments through teaching the combination subject of Physics as a General.

7. Courses in collaboration with Other Universities, Industries, Foreign institutions etc. : Nil

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

9. Number of teaching posts :

	Sanctioned	Filled
Professor	N.A	N.A
Associate Professor	N.A	0
Asstt. Professor	7	4

10. Faculty profile with name,
    Qualification, designation,
    Specialisation, (D.Sc./D.Litt./
    Ph.D./M.Phil. etc)   :

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided (last 4 yrs)
Debasish Aich	M.Sc, Pursuing Ph.D from V.U.	Assistant Professor Stage-II	Solid State Physics (M.Sc); Nanoscience and Nanotechnology (Ph.D)	15	Nil
Dr. Jyotirmoy Pramanik	M.Sc, M.Tech, Ph.D	Assistant Professor Stage-III	Particle Physics (M.Sc); Plasma Physics (Ph.D)	14 years and 4 months	1
Dr. Tanika Kar	M.Sc, Ph.D	Assistant Professor Stage-II	Solid State Physics (M.Sc); Experimental Condensed Matter Physics (Ph.D)	10 years and 9 months	Nil
Dr. Ritwik Saha	M.Sc, Ph.D Post Doctoral Fellow in TIFR, Mumbai (2012-2014)	Assistant Professor Stage-I	Solid State Physics (M.Sc); Condensed Matter Physics (Ph.D)	6 months as Assist. Prof. & 2 yrs as PDF	Nil
Parbati Basu	M.Sc. Pursuing Ph.D from V.U.	College Paid Guest Teacher	Nanoscience and Nanotechnology	3years 4 months	Nil
Sandip Dua	M.Sc., B.Ed	College Paid Guest Teacher	Solid State Physics	2years 1 month	Nil
Ayan Kanti Karan	M.Sc., B.Ed	College Paid Guest Teacher	Solid State Physics	2years 1 month	Nil
Sourav Das	M.Sc., B.Ed	College Paid Guest Teacher	Solid State Physics	2years 1 month	Nil
Sambhu Ghosh	M.Sc., B.Ed	College Paid Guest Teacher	Solid State Physics	5 months	Nil
Pankaj Patra	M.Sc., B.Ed	College Paid Guest Teacher	Solid State Physics	5 months	Nil

11. List of senior visiting faculty   :   1. Prof. Sudarshan Pal,
                                                            Ex Associate Professor,
                                                            Department of Physics,
                                                            Kharagpur College

12. Percentage of lectures delivered :
and practical classes handled
(programme wise) by temporary
Faculty (College Paid Guest Teachers).

Programme	% of Classes Taken
B.Sc. Part-I Hons.	33.33% (Th)
	37.50% (Pr)
B.Sc. Part-II Hons.	16.66% (Th)
	25.00% (Pr)
B.Sc. Part-III Hons.	37.50% (Th)
	37.50% (Pr)
B.Sc. Part-I Genl.	50% (Th)
	100% (Pr)
B.Sc. Part-II Genl.	100% (Th)
	70% (Pr)
B.Sc. Part-III Genl.	33.33% (Th)
	Nil

13. Students-Teacher* Ratio :
(*Regular Whole time)
(Programme wise)

Programme	Honours	General
B.Sc. Part-I	18:1	41:1
B.A. Part-II	13:1	36:1
B.A. Part-III	8:1	2:1

13. Students-Teacher* Ratio :
(*Regular Whole time & Guest [@
12 Classes/week])
(Programme wise)

Programme	Honours	General
B.A. Part-I	7.5:1	16.5:1
B.Sc. Part-II	5:1	14:1
B.Sc. Part-III	3.3:1	1:1

14. Number of Academic support :
Staff (Technical) and administrative
Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	4	4
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
Debasish Aich	M.Sc, Pursuing Ph.D from V.U.
Dr. Jyotirmoy Pramanik	M.Sc, M.Tech, Ph.D
Dr. Tanika Kar	M.Sc, Ph.D
Dr. Ritwik Saha	M.Sc, Ph.D
Parbati Basu	M.Sc, Pursuing Ph.D from V.U.
Sandip Dua	M.Sc., B.Ed
Ayan Kanti Karan	M.Sc., B.Ed
Sourav Das	M.Sc., B.Ed
Sambhu Ghosh	M.Sc., B. Ed
Pankaj Patra	M.Sc., B.Ed

16. Number of faculty with ongoing Projects from a) National b) International funding agencies and grants received. : NIL

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR Etc. and total grants received : Dr. Jyotirmoy Pramanik completed a research project funded by DST during 2012-2015; total grant received Rs. 29,72,859.

Dr. Pramanik also completed a BRFST funded project as co-investigator at Dept. of Physics, Jadavpur University during 2010-2014. Total sanctioned amount: Rs. 46,94,000/-.

18. Research center / facility Recognised by the University : NIL

19. **Publications (2011 onwards)** :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
01	Biocompatibility study of protein capped and uncapped silver nanoparticles on human hemoglobin 235305	2015	Journal of Physics D: Applied Physics, Volume 48, Number 23	Online ISSN: 1361-6463 Print ISSN: 0022-3727	Debasish Aich (Co-Author)
02	Long range correlation and self organised critical behavior of dust cloud	2012	Proceedings of 27th National Symposium on Plasma Science &	, ISBN: 978-93-82062-82-0	J.Pramanik (Co-Author)

			Technology, organized by Pondichery University, Puducherry		
03	Experimental observation of the behavior of cogenerated dusty plasma using a bipolar pulsed direct current power supply 024506 (1-4)	2013	Physics of Plasmas	ISSN: 1070-664X	J.Pramanik (Co-Author)
04	Spatio temporal evolution of dielectric driven cogenerated dust density waves 064502 (1-4)	2013	Physics of Plasmas	ISSN: 1070-664X	J.Pramanik (Co-Author)
05	Collisionless nonlinear damping of dust acoustic waves due to dust charge fluctuations (7-15)	2015	Indian Journal of Research in Multidisciplinary Studies	ISSN 2348-2524	J.Pramanik (Sole)
06	Long range temporal correlation in ion cyclotron oscillations under the influence the influence of an externally applied magnetic field in a dc glow discharge plasma (38-48)	2015	Proceedings of National seminar on "Recent advancement in physics"	ISSN 9788-1931-49706	J.Pramanik (Sole)
07	Enhanced non-metallic behavior on the verge of magnetic instability in $Fe_2V_{1-x}Nb_xAl$ Heusler alloys. Page: 1071-1079	2012	Journal of Magnetism and Magnetic Materials. Volume: 324	ISSN: 0304-8853 E-ISSN: 1873-4766	Ritwik Saha (Co-Author)
08	Observation of magnetic cluster phase above Curie temperature in Fe_2CrAl Heusler alloy. Page: 1296-1304	2012	Journal of Magnetism and Magnetic Materials. Volume: 324	ISSN: 0304-8853 E-ISSN: 1873-4766	Ritwik Saha (Co-Author)
09	Electronic properties of $Fe_2Cr_{1-x}V_xAl$ heusler alloys. Page: 1189-1190	2012	AIP Conference Proceedings Volume: 1447	ISSN: 0094-243X E-ISSN: 1551-7616	Ritwik Saha (Co-Author)
10	Room temperature inverse magnetocaloric effect in Pd substituted Ni50Mn37Sn13 Heusler alloys. Page: 263-266	2014	Physica B: Condensed Matter Volume: 448	ISSN: 0921-4526	Ritwik Saha (Co-Author)
11	Magnetoresistance of bismuth in bulk and thin film forms. Page: 1400-1402	2014	AIP Conference Proceedings Volume: 1591	ISSN: 0094-243X E-ISSN: 1551-7616	Ritwik Saha (Co-Author)
12	Spin correlations and magnetic order in Co-Ga alloys: A comprehensive study. Page: 1011-1018	2015	Journal of Alloys and Compounds Volume: 649	ISSN: 0925-8388	Ritwik Saha (Co-Author)
13	Low temperature magnetic and electrical transport behavior of Co58.5Ga41.5 alloy.	2015	AIP Conference Proceedings	ISSN: 0094-243X E-ISSN:	Ritwik Saha (Co-Author)

	Page: 110010-1 -3		Volume: 1447	1551-7616	
14	Anomalous Magnetic and Electrical Transport Behavior in Intermetallic $Co_{58.5}Ga_{41.5}$ Page: 1001104-1-4	2015	IEEE Transaction on Magnetics, Volume: 51, No. 11	ISSN: 0018-9464	Ritwik Saha (Co-Author)

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
1.	Uchhomadhyamik Byaboharik Padarthovidya By Dr. Tanika Kar & Dr. Satrughna Bera	2012	Bani Sansad Publishing House Private Limited, Kolkata.	978-81-922233-8-4
2.	Sansad Byaboharik Padarthovidya By Dr. Tanika Kar & Dr. Satrughna Bera	2013	Bani Sansad Publishing House Private Limited, Kolkata.	978-81-922233-3-9
3.	Sansad Byaboharik Padarthovidya By Dr. Tanika Kar & Dr. Satrughna Bera	2014	Bani Sansad Publishing House Private Limited, Kolkata.	978-81-922233-6-0

20. Areas of consultancy and income generated   :   Nil

21. Faculty as members in   :   Nil

   a. National Committees   :

   b. Internal National Committee   :

   c. Editorial Boards

Name of the Teachers	Journal

EDITOR:

Name	

22. Students Projects

   a. Percentage of Students who have Done in-house projects including inter departmental / programme.   : 100% Honours Students carried on project works in Part-III as part of Curriculum.

b.   Percentage of students placed for   :   Nil
     Projects in organization outside
     the institution i.e., in Research
     laboratories / Industry /
     Other agencies.

23.   Awards/ Recognitions received   :1. Best Oral Presentation Award in
      by faculty and students.   '**PLASMA 2013**' at KIIT University
                                         by Dr. Jyotirmoy Pramanik

                                         2. 'Prof. K.L. Saha Merit Medal
                                         Award' for topper in Physics Hons.
                                         In the College for outgoing III yr
                                         Students:

                                         i)   Pijush Kanti Gan (2015)
                                         ii) (2014)
                                         iii) (2013)
                                         iv) Gargi Bagchi (2012)

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

Sl. No.	Name	Qualification	Designation
1	Professor Sayan Kar	PhD	Professor
2	Dr. Kuntal Chatterjee	PhD	Assistant professor
3	Dr. Satyajit Saha	PhD	Associate Professor

25.   Seminars / Conference / Workshops organized & the source of funding. (2011
      onwards)

      a.   National   :

      b.   International   :

      c.   College Level   : DST Sponsored "ONE DAY WORKSHOP
                                     ON PLASMA AND ITS APPLICATION"
                                     (18/12/2012)

26. **Students profile programme / course wise** (*For Students admitted in 2012 in 1st Year and Passed out III Year in 2015*)**:**

Name of the Course/ Programme	Applications received	Selected	Enrolled			Part-III Pass % Out of Enrolled in		Part-III 1st Class % Out of Enrolled in	
			*M	*F	Total	Part-I	Part-III	Part-I	Part-III
B.Sc. Physics (Hons.)	615	56	38	05	43	47%	100%	35%	75%

*M = Male, *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Honours in Physics	100%	Nil	Nil
B.Sc Physics General	100%	Nil	Nil

28. **How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?**

Levels	Examinations	Number of Students (*Passed From the Department since 2012*)
National	NGPE National Graduate Physics Examination (Conducted by IAPT)	**15** **(ranked in top 10%)**
	JAM	**20**
State	West Bengal School Service Commission	**5**
State	West Bengal Primary Teachers Exam	**2**

29. **Students progression:**

Student progression	% Against enrolled in final year
UG to PG	75%
PG to M.Phil.	N.A
PG to Ph. D.	N.A
Ph. D. to Post-Doctoral	N.A.

Employed	Campus selection	Nil
	Other than campus recruitment	15
Entrepreneurship / Self-employment		**5**

30. **Details of Infrastructural facilities :**

a. Libraries :

b.

Library	Total Books
Central Library	2021
Departmental Library	640
Departmental Library of Specimen Copy	75

rnet facilities for staff & students :

1. Two desktop computers with BSNL Broadband Connection.

2. Free Wi-Fi Facility for Students and Staff inside the Department

c. **Class rooms with ICT facility:**

Device/ Instruments	Number
Computers	**02**
Printer, Scanner, Photocopier	**01**
Projector	**Nil**
Projector Screen	**Nil**
Microphone & Sound System	**Nil**
Video Archive	**NPTEL Lectures (offline)**
Smart Classroom	**1**

31. **The total cover area of the department is 30'8'' in width and 116 ft in length. The layout of the department is as follows.**
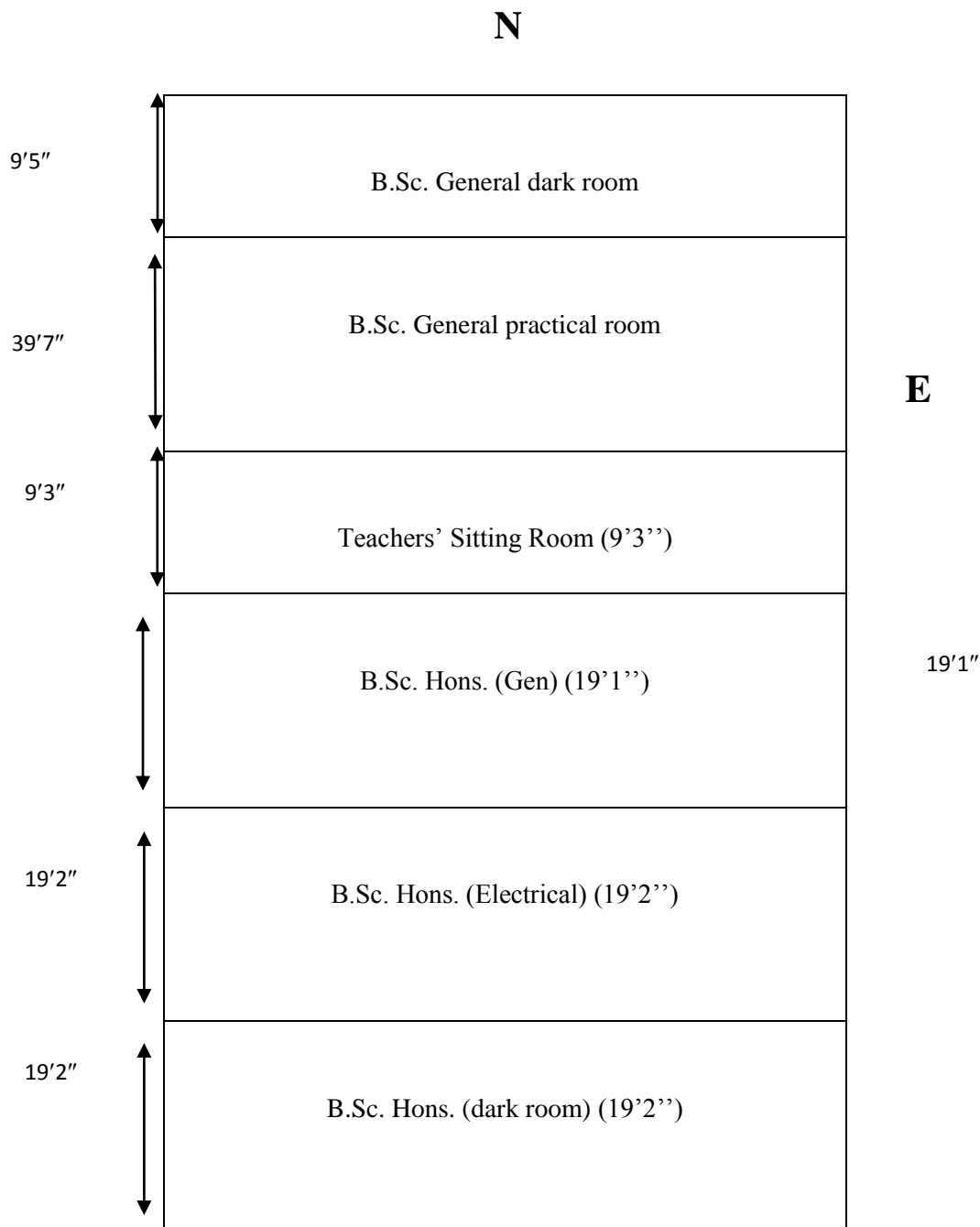
N

9'5''	B.Sc. General dark room
39'7''	B.Sc. General practical room
9'3''	Teachers' Sitting Room (9'3'')
19'1''	B.Sc. Hons. (Gen) (19'1'')
19'2''	B.Sc. Hons. (Electrical) (19'2'')
19'2''	B.Sc. Hons. (dark room) (19'2'')

E

19'1''

32. Numbers of Students receiving financial Assistance from college, University or Other agencies.   : **41(DST Inspire/ SC /ST /OBC /Minority /Merit-Cum-Means etc. Scholarship)**

33. Details of students enrichment programmes (special lectures / workshop / seminar) with external experts

    1.
    2.
    3. One day Seminar "Growth of Semiconducting Nanoparticles to Apply in Solar Cell and Biomedicine" (29/11/2015)- Orgd. & Sponsored by Physics Alumni Association, Kharagpur College.
    4.
    5.

34. **Teaching methods adopted to improve Student learning (Put Tick marks)** :

* Classes through Power Point Presentation	√
* Movie shows	√
* Students' wall magazine for approaching the syllabus in varied ways and for their creative expressions.	√
* One-to-one counselling and guidance	√
* Guided library hours	√
* Project library hours	√
* Home Assignment	√
* Question Hour	√
* Special classes	√
* Quiz	√
* Remedial classes	√
* Group discussion	√
* Class seminar	√
* Workshop	√

35. Participation in Institutional Social : The teachers and students of the
    Responsibility (UR) and Extension departments generally participation
    Activities
    work e.g,
    Blood Donation Camp, Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution.

36.   SWOC analysis of the department and Future Plans:

Strength	Weakness
• Young, dynamic, motivated as well as qualified Faculty • Best students of H.S. of Paschim & Purba Medinipur Districts are admitted to this Department (next to Midnapore College) • Spacious and well equipped laboratory • Skilled Laboratory Attendants • Departmental library with 640 nos of high quality text and reference books managed and run excellently by one departmental Faculty • e- Library • Excellent relationship between and among teachers and students • **DST** sponsored Experimental dusty plasma research facility	• 3 out of 7 posts of regular whole time teachers is vacant • Considerable number of students suffer from family support since they are either first generation learner or economically/socially backward • Lack of sufficient number of laboratory attendants • E-journals and/or hard copy of journals are not available. • Lack of financial and infrastructural support from college to carry out research work by the faculty.
Opportunity	**Challenges**
• Vicinity of institute like IIT Kharagpur • Optimum objective condition and demand from students side for introducing PG course (subject to appointment of sufficient number of faculty). • Funding from UGC for Remedial Coaching to upgrade backward students • Scope of inter institutional inter-departmental knowledge exchange	• Improve teaching through innovative microteaching aids and methodologies • To motivate students for extensive attendance in theory classes • To enrich departmental library • To motivate students to choose research as a future career. • To motivate and enable first generation learners and learners from socially/economically backward section to continue present study and go for higher studies in physics or related discipline. • To manage large number of students (Present intake capacity 74) • To setup preliminary research facility for teachers.

FUTURE PLAN

- The department has a plan to introduce PG course as soon as the vacant teaching posts will be filled.

- With an objective to have a vibrant academic atmosphere in the department seminars, debates, and group discussions within the department will be organized in regular basis.

- Educational tours to basic science institute will be arranged in order to have practical knowledge on the subject.

- National and state level seminars will be organized to acquire knowledge on various aspects of different fields of Physics.

- More emphasis will be given to provide the students with special coaching and counselling to appear for competition to get into M.Sc. in various institutions.

- To adopt modern teaching methodologies, the department has a plan to build smart classroom consisting of a computer with internet connection and modern audio-visual gazettes.

- Research work in the department will be undertaken in greater extent with the limited facilities available in the department and taking help from other institutions and through collaboration.

- Sri Debasish Aich and Dr. Jyotirmoy Pramanik have submitted two separate research proposal to UGC under Minor Research Project Scheme.

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Evaluative Report of the Department of CHEMISTRY

1. Name of the Department   :   Chemistry

2. Year of Establishment   :   General : 1972

                                            Honours : 1997

3. Names of the Programmes /   :   UG
    Courses offered (UG, PG,
    M.Phil, Ph.D., Integrated
    Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.Sc.(Hons. & Gen.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary   :   NIL
    Courses and the departments/
    Units involved

5. Annual/ Semester/ Choice based :   Annual
    Credit system (programme wise)

6. Participation of the department   :   Teaching Chemistry as general
                                            subject   offered   by   other
                                            departments   &   Environmental
                                            sciences

7. Courses in collaboration with   :   NIL
    Other Universities, Industries,
    Foreign institutions etc.

8. Details of courses / programmes :   N.A
    discontinues (if any) reasons.

9. Number of teaching posts :

	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	Nil	One
Asstt. Professor	Seven	Four(Two of them are on lien)

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

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Dr. Gagan Chandra Mandal	M.Sc. Ph.D	Associate Professor	Inorganic Chemistry	16 Years	Nil
Sri Prasanna Kumar Duley	M.Sc.	Assistant Professor (Stage-II)	Physical Chemistry	12 Years	Nil
Dr. Dola Pahari(on lien)	M.Sc. Ph.D	Assistant Professor (Stage-II)	Physical Chemistry	12 Years	Nil
Dr. Gopa Barman(on lien)	M.Sc. Ph.D	Assistant Professor (Stage-II)	Organic Chemistry	10 Years	Nil
Dr.Indranil Chakraborty	M.Sc. Ph.D	Assistant Professor (Stage-II) & H.O.D	Organic Chemistry	6 Years	Nil
Sri Tapan Kumar Roy	B.Sc Hons	Graduate Laboratory Instructor	------	31 Years	Nil
Sri Kalyan Sur	M.Sc.	Govt. Approved Part Time Teacher	Organic & Industrial Chemistry	11 Years	Nil
Sri Sanjay Kumar Bera	M.Sc.	Govt. Approved Part Time Teacher	Organic Chemistry	7 Years	Nil
Sri Tanmay Maity	M.Sc.	Guest Teacher	Inorganic Chemistry	3 Years	Nil
Sri Raju Maity	M.Sc.	Guest Teacher	Inorganic Chemistry	1.5 Years	Nil
Sri Somenath Paik	M.Sc.	Guest Teacher	Inorganic Chemistry	04 Months	Nil
Smt. Roni Dutta	M.Sc.	Guest Teacher	Physical Chemistry	04 Months	Nil
Sri Ipsita Kumar Sen	M.Sc. Ph.D Thesis submitted	Guest Teacher	Organic Chemistry	04 Months	Nil
Sri Rabindranath Jana	M.Sc.	Guest Teacher	Physical Chemistry	03 Months	Nil

11.   List of senior visiting faculty   :   NIL

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

Programme	% of Lecture delivered
B. Sc Part-I Hons.	22.22
B. Sc Part-I Genl.	52.00
B. Sc Part-II Hons.	33.33
B. Sc Part-II Genl.	50.00
B. Sc Part-III Hons.	23.80
B. Sc Part-III Genl.	63.67

13. Students- Teacher Ratio :
    (Programme wise)

Programme	Honours	General
B. Sc Part-I	10:1	22:1
B. Sc Part-II	4:1	11:1
B. Sc Part-III	7:1	3:1

(Including Guest Teachers)

14. Number of Academic support :
    Staff (Technical) and administrative
    Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	03	02 + 01(Casual)
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
Dr. Gagan Chandra Mondal	M.Sc. Ph.D
Sri Prasanna Kumar Duley	M.Sc.
Dr. Dola Pahari(on lien)	M.Sc. Ph.D
Dr. Gopa Barman(on lien)	M.Sc. Ph.D
Dr.Indranil Chakraborty	M.Sc. Ph.D
Sri Tapan Kumar Roy	B.Sc Hons
Sri Kalyan Sur	M.Sc.
Sri Sanjay Kumar Bera	M.Sc.
Sri Tanmay Maity	M.Sc.
Sri Raju Maity	M.Sc.
Sri Somenath Paik	M.Sc.
Smt. Roni Dutta	M.Sc.
Sri Ipsita Kumar Sen	M.Sc. Ph.D Thesis submitted
Sri Rabindranath Jana	M.Sc.

16.   Number of faculty with ongoing   :   One (Dr. Dola Pahari : UGC MRP)
    Projects from
    a) National
    b) International funding agencies and grants received.

Title of the Project	Agency	Period	Grant/Amount mobilised (Rs.lakh)
Development and Application of ab initio theory: the Easy way	UGC	From 03.08.2011 till date	1.53

17.   Departmental projects funded by   :   NIL
    DST-FIST, UGC, DBT, ICSSR,
    Etc. and total grants received.

18.   Research center / facility   :   NIL
    Recognised by the University

19.   **Publications (2011 onwards)**   :

**Dr. Gopa Barman, Assistant Professor (Stage-II)**

Sl. No.	Title with page No.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1.	Base-catalyzed condensation of thioglycolic ester with β-chloropyrrolecarbaldehyde: One-pot approach to substituted thieno[2,3-*b*]pyrroles .48, Issue 1, 2011: 218–220,	January 2011	JOURNAL OF HETEROCYCLIC CHEMISTRY	1943-5193	Sole
2.	$NaBH_4$-I_2 mediated chemoselective reduction of γ-lactam and thio-γ-lactam in presence of gem-dicarboxylates: An easy access to 1,3-diaryl pyrrolidines, 48, Issue 2, 2011: 463–467	March 2011	JOURNAL OF HETEROCYCLIC CHEMISTRY	1943-5193	Co-author
3.	Diethyl 1-(4-methylphenyl)-3-phenyl-5-oxopyrrolidine-2,2-dicarboxylate, 2010 Aug 1; 66(Pt 8): 2104-2105.	Aug, 2010	Acta Crysta E,	1600-5368	Co-author

					Co-author
4.	A facile Synthesis of Bisformylated Pyrroles by Dehydroxylation of *N*-aryl-5-hydroxy-γ-lactam Derivatives under Vilsmeier Reaction Conditions, *51, 2015, 869-871*	2015	Journal of Heterocyclic Compounds	0009-3122 (Print) 1573-8353 (Online)	
	Mr. Ipsita Kumar Sen, Guest Teacher				
1.	Antibacterial and DNA degradation potential of silver nanoparticles synthesized via green route, 80, 455-459	2015	International Journal of Biological Macromolecules	0141-8130	Co-author
2.	Studies on antioxidative and immunostimulating fucogalactan of the edible mushroom Macrolepiota dolichaula, 413, 22-29.	2015	Carbohydrate Research	0008-6215	Co-author
3.	Heteroglycan of an edible mushroom Termitomyces clypeatus: structure elucidation and antioxidant properties, 413, 30-36.	2015	Carbohydrate Research	0008-6215	Co-author
4.	Structural elucidation and biological studies of a novel exopolysaccaride from *Klebsiella pneumoniae* PB12, 79, 413-422.	2015	International Journal of Biological Macromolecules	0141-8130	Co-author
5.	Structural, immunological, and antioxidant studies of β-glucan from edible mushroom *Entoloma lividoalbum,* 123, 350-358.	2015	*C*arbohydrate Polymers	0144-8617	Co-author
6.	Structural and immunological studies of an exopolysaccharide from Acinetobacter junii BB1A, 101, 188-195.	2014	Carbohydrate Polymers	0144-8617	Co-author
7.	Structure elucidation and antioxidant properties of a soluble β-D-glucan from mushroom Entoloma lividoalbum, 63, 140-149.	2014	International Journal of Biological Macromolecules	0141-8130	Co-author

8.	Water-insoluble glucans from the edible fungus Ramaria botrytis, 3 52-58.	2014	Bioactive Carbohydrates and Dietary Fibre	2212-6198	Co-author
9.	Heteroglycan of an edible mushroom Entoloma lividoalbum: structural characterization and study of its protective role for human lymphocytes, 114, 157-165.	2014	Carbohydrate Polymers	0144-8617	Co-author
10.	Antioxidant and immunostimulant β-glucan from edible mushroom Russula albonigra (Krombh.) Fr. 99, 774-782.	2014	Carbohydrate Polymers	0144-8617	Co-author
11.	A partially methylated mannogalactan from hybrid mushroom pfle 1p: purification, structural characterization and study of immunoactivation, 395, 1-8.	2014	Carbohydrate Research	0008-6215	Co-author
12.	Partial characterization and flocculating behavior of an exopolysaccharide produced in nutrient-poor medium by a facultative oligotroph Klebsiella sp. PB12, 115, 76-81.	2013	Journal of Bioscience and Bioengineering	0973-7138	Co-author
13.	Pectic polysaccharide from immature onion stick (Allium cepa): Structural and immunological investigation, 92, 345-352.	2013	Carbohydrate Polymers	0144-8617	Co-author
14	A glucan from an ectomycorrhizal edible mushroom Tricholoma crassum (Berk.) Sacc.: isolation, characterization, and biological studies, 367, 33-40.	2013	Carbohydrate Research	0008-6215	Co-author
15.	An immunostimulating water insoluble β-glucan of an edible hybrid mushroom: Isolation and characterization, 84, 15-21.	2013	Fitoterapia	1873-6971	Co-author

16.	Structural elucidation of a biologically active heteroglycan isolated from a hybrid mushroom of Pleurotus florida and Lentinula edodes, 368, 22-28.	2013	Carbohydrate Research	0008-6215	Co-author
17.	Structural elucidation of an immunoenhancing heteroglycan isolated from Russula albonigra (Krombh.) Fr., 94, 918-926.	2013	Carbohydrate Polymers	0144-8617	Co-author
18.	Structural characterization of an immunoenhancing glucan isolated from a mushroom Macrolepiota dolichaula, 61, 89–96.	2013	International Journal of Biological Macromolecules	0141-8130	Co-author
19.	A heteropolysaccharide from an edible hybrid mushroom pfle 1p: structural and immunostimulating studies, 374, 89-95.	2013	Carbohydrate Research	0008-6215	Co-author
20.	Structural characterization of a biologically active glucan isolated from a hybrid mushroom strain pfle1v of Pleurotus florida and Lentinula edodes, 2, 73-83.	2013	Bioactive Carbohydrates and Dietary Fibre	2212-6198	Co-author
21.	Glucan of a somatic hybrid mushroom, pfls1h: structural characterization and study of immunological activities, 53, 127-132.	2013	International Journal of Biological Macromolecules	0141-8130	Co-author
22.	Structural characterization of an immunoenhancing heteroglycan of a hybrid mushroom (pfls1h) of Pleurotus florida and Lentinus squarrosulus (Mont.) Singer, 371, 45-51.	2013	Carbohydrate Research	0008-6215	Co-author
23.	Green synthesis of silver nanoparticles using glucan from mushroom and study of antibacterial activity, 62, 439-449.	2013	International Journal of Biological Macromolecules	0141-8130	Co-author
24.	Green synthesis of gold nanoparticles using a glucan of an edible mushroom and study of catalytic activity, 91, 518-528.	2013	Carbohydrate Polymers	0144-8617	Co-author

25.	Structural characterization and study of immunoenhancing properties of a glucan isolated from a hybrid mushroom of Pleurotus florida and Lentinula edodes, 358, 110–115.	2012	Carbohydrate Research	0008-6215	Co-author
26.	Green synthesis of gold nanoparticles using gum polysaccharide of Cochlospermum religiosum (katira gum) and study of catalytic activity, 45, 130-134.	2012	Physica E	1386-9477	Co-author
27.	Flocculating Property of Extracellular Polymeric Substances Produced by a Biofilm-Forming Bacterium Acinetobacter junii BB1A, 168, 1621–1634.	2012	Applied Biochemistry and Biotechnology	1470-8744	Co-author
28.	Structural and immunological studies of hetero polysaccharide isolated from the alkaline extract of *Tricholoma crassum* (Berk.) Sacc, 362, 1-7.	2012	Carbohydrate Research	0008-6215	Co-author
29.	Structural Studies of an Antioxidant, Immunoenhancing Polysaccharide Isolated from the Kernel of Trapa bispinosa Fruit, 31, 686–701.	2012	Journal of Carbohydrate Chemistry	0732-8303	Co-author
30.	Glucan from hot aqueous extract of an ectomycorrhizal edible mushroom, Russula albonigra (Krombh.) Fr.: structural characterization and study of immunoenhancing properties, 363, 43-50.	2012	Carbohydrate Research	0008-6215	Co-author

Publication of Books:

Name: Dr. Dola Pahari, Assistant Professor Stage-II				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN
1.	Problems On Physical Chemistry, **2nd edition**	February 2015	New Central Book Agency	8173815976

20.   Areas of consultancy and income generated   :   NIL

21.   Faculty as members in   :

    a.   National Committees   :   NIL

    b.   Internal National Committee   :   NIL

    c.   Editorial Boards   :   NIL

Name of the Teachers	Journal
	N.A
	N.A

EDITOR:

Name	Nil

22.   Students Projects

    a.   Percentage of Students who have   :   NIL
    Done in-house projects including
    inter departmental / programme.

    b.   Percentage of students placed for   :   NIL
    Projects in organization i.e., in Research
    The institutional / Industry /Other agencies.

23.   Awards/ Recognitions received by faculty and students:

Dr. Indranil Chakraborty was Selected as for a Post-Doctoral grant Fellowship Financed by the Ministry of   Italian University and Research (MIUR), Italy to conduct research work in the **Departmento di Chimica Organica e Biochimica** in the **Universita Degli Studi Di Napoli Federico II, Italy** in 2009.

24.   **List of eminent academicians and scientists / Visitors to the department :**

Sl. No.	Name	Qualification	Designation
01	Professor Ajay Kumar Misra	M.Sc. Ph.D	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University
02	Professor Braja Gopal Bag	M.Sc. Ph.D	Professor. Department of Chemistry & Chemical Technology, Vidyasagar University

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

    a. National : Nil

    b. International : Nil

    c. College Level : Nil

26. Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage	Appeared in final exam		Pass percentage
			*M	*F		*M	*F	
B.Sc. (Hons.)	648	50	38	12	39	17	02	100 (1st Class:04)

*M = Male, *F = Female

27. **Diversity of Students :**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc in Chemistry Honours	---	---	Nil
B.Sc. in Chemistry General	---	---	Nil

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? :

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	N.A
State	West Bengal Primary Teachers Exam	N.A

Student progression	Against % enrolled

29. Students progression :

UG to PG	10 (53%)
PG to M.Phil.	N.A
PG to Ph. D.	N.A
Ph. D. to Post-Doctoral	N.A
Employed • Campus selection • Other than campus recruitment	Nil _____ Nil
Entrepreneurship/ Self-employment	Nil

30. Details of Infrastructural facilities-

    a. Libraries :

Library	Total Books
Central Library	1374
Departmental Library	116

    b. Internet facilities for staff & students: High speed BSNL 3G internet facility for the staff and students is available.

    c. Class rooms with ICT facility : Nil

Device/ Instruments	Number
Computers & Printer	2+1
Projector	Nil
Projector Screen	Nil
Microphone & Sound System	Nil
Video Archive	Nil
Smart Classroom	1

    d. Laboratories : Three (03)

31. Numbers of Students receiving financial : ………
    Assistance from college, University or
    Other agencies.

32. Details of students enrichment programmes : Nil
    (special lectures / workshop / seminar)
    With external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks)   :   * Classes through Power Point
                                            Presentation
                                        * Movie shows
                                     ✓ *Students' wall magazine for
                                         approaching the syllabus in
                                         varied ways and for their
                                         creative expressions.

                                     ✓ *One-to-one counselling and
                                         guidance

                                     ✓ *Guided library hours
                                        * Project library hours
                                     ✓ *Home Assignment
                                     ✓ *Question Hour
                                     ✓ *Special classes
                                        * Quiz
                                     ✓ *Remedial classes
                                        * Group discussion
                                        * Class seminar
                                        * Workshop

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

    i. Blood Donation Camp

    ii. Health Check-up

    iii. Cultural activities

35. SWOC analysis of the department and Future Plans:

Strength	Weakness
i) Well qualified and motivated teachers ii) Meritorious and obedient students iii) Motivated laboratory assistants iv) Departmental library and reading room v) Conducive teacher-student relationship vi) Internet connection in the department	i) Vacant whole time teaching and supporting staff posts ii) Insufficient staff in laboratory iii) Lack of adequate number of class rooms
Opportunity	**Challenges**
i) Interdepartmental knowledge exchange ii) Remedial coaching to upgrade backward students	i) Improve teaching through innovative microteaching aids and methodologies ii) Motivate students for extensive attendance in classes iii) Enrich departmental library iv) Uphold research activities

FUTURE PLAN

- With an objective to have a vibrant academic atmosphere in the department seminars, debates, and group discussions within the department will be organized in regular basis. Educational tours to industries will be arranged in order to have practical knowledge on the subject. National and state level seminars will be organized to acquire knowledge on various aspects of different fields of chemistry. A proposal for UGC sponsored national seminar has already been submitted in collaboration with Ghatal R.S. Mahavidyalaya.

- More emphasis will be given to provide the students with special coaching and counseling to appear for competition to get into M.Sc. in various institutions. To adopt modern teaching methodologies, the department has a plan to build smart classroom consisting of a computer with internet connection and modern audio-visual gazettes.

- Research work in the department will be undertaken in greater extent with the limited facilities available in the department and taking help from other institutions and through collaboration. Dr. Indranil Chaktraborty has submitted a research proposal to UGC under Minor Research Project Scheme.

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11.

Department of Mathematics

Evaluative Report of the Department of MATHEMATICS

1.	Name of the Department	:	Mathematics

2. Year of Establishment : General : 1959

Honours : 1964

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

Level	Courses
UG	B. Sc. in Mathematics (Hons. & Gen.) (Affiliation to the Vidyasagar University)

4. Name of Interdisciplinary : Nil
   Courses and the departments/
   Units involved

5. Annual/ Semester/ Choice based : Annual.
   Credit system (programme wise) 3-Tier Examination pattern has been introduced by the University in the year 2005. At the end of every academic session, Part-I, Part-II, Part-III examinations held. According to the University guidelines two class Tests of Marks 10 each are taken for each Honours paper and one class Test of Mark 10 are taken for each general paper in every academic session.

6. Participation of the department : The department is actively involved in
   in the courses offered by other   B.Sc. Honours. Courses offered by
   Departments   other departments through
   teaching the combination subject of Mathematics as a General. The department was also involved in B.Com Honours course offered by Commerce department through teaching the combination subject of Business Mathematics as a General till the last year.

7. Courses in collaboration with Other Universities, Industries, Foreign institutions etc.   :   Nil

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

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	04
Assistant Professor	05	01

Teachers are appointed as Assistant professors, Associate Professors are appointed on promotion only.

10. Faculty profile with name, Qualification, designation, Specialisation, (D.Sc./D.Litt./ Ph.D./M.Phil. etc) :

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Sri Jayanta Kumar Maiti	M.Sc.	Associate Professor	Fluid Mechanics	27	-
Dr. Bimal Krishna Das	M.Sc., GDCA, Ph.D.	Associate Professor	Oceanography and Meteorology	24	-
Dr. Pradip Kumar Gain	M.Sc., M.Phil., Ph.D.	Associate Professor	Mathematical Logic, Fuzzy Topology	21	-
Dr. Sangita Chakraborty	M.Sc., Ph.D.	Associate Professor	Computational Fluid Dynamics	16	-
Sri Sankar Das	M.Sc.	Assistant Professor (Stage-I)	Oceanography and Meteorology	09	-

11. List of senior visiting faculty   :   Nil

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

Programme	% of Lecture delivered
B.Sc. Part-I Hons.	Nil
B.Sc. Part-I Genl.	Nil
B.Sc. Part-II Hons.	Nil
B.Sc. Part-II Genl.	Nil
B.Sc. Part-III Hons.	Nil
B.Sc. Part-III Genl.	Nil

13. Students- Teacher Ratio (Programme wise) :

Programme	Honours	General
B.Sc. Part-I	20:1	36:1
B.Sc. Part-II	13:1	19:1
B.Sc. Part-III	12:1	1:1

14. Number of Academic support Staff (Technical) and administrative Staff; sanctioned and filled :

	Sanctioned	Filled
Academic support staff	Nil	Nil
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
Sri Jayanta Kumar Maiti	M.Sc.
Dr. Bimal Krishna Das	M.Sc., GDCA, Ph.D.
Dr. Pradip Kumar Gain	M.Sc., M. Phil., Ph.D.
Dr. Sangita Chakraborty	M.Sc., Ph.D.
Sri Sankar Das	M.Sc.

16. Number of faculty with ongoing Projects from a) National b) International funding agencies and grants received. : Nil

17. Departmental projects funded by DST-FIST, UGC, DBT,ICSSR, entitled Etc. and total grants received. : 01 (UGC Sponsored), Rs. 71000.00
A UGC Sponsored Minor Research Project "*Nonlinear wave radiation forces on floating bodies undergoing forced periodic sway oscillation*" had been completed and submitted on 09.10. 2015 by Dr. Sangita

Chakraborty, P.I. of the Project and Associate Professor of Mathematics.
Total grant received Rs. 71,000.00.

18.   Research center / facility   :   NIL
      Recognised by the University

19.   **Publications**   **(2011 onwards)**   :

Sl.No.	Title with page no.	Year	Journal	ISSN/ ISBN No	Sole/Co-Author
	Dr. Bimal Krishna Das				
1.	Foreign Direct Investment In Higher Education In India: Aspirations and Reality , 106-140	2013	Foreign Direct Investment and Its Impact on Indian Economy. *Published by Kharagpur College*	978-81-928665-0-5	Dr. Subrata Kundu
2.	Direct Taxes Code and Its Impact On The Society , 88 -96	2012	Direct Taxes Code: A Revolution in the Way of Tax Reforms. *Published by Kharagpur College*	978-81-928-721-8-6	Dr. Subrata Kundu
3.	Magnetohydrodynamic Flow with Reference to non-coaxial Roation of a porous Disk and a fluid at infinity	2011	International Journal of Dynamics of Fluids, Vol. -7, No.-1, pp. 25-34.	0973-1784	Dr. M. Guria, Prof. R.N.Jana

Sl.No.	Title with page no.	Year	Proceedings	Sole/Co-Author
	Dr. Bimal Krishna Das			
1.	Higher Education in India: Twelfth Five year Plan (2012-2017)	2013	Proceedings of UGC Sponsored National Seminar , Midnapur College	
2.	System of Governance in Higher Education	2012	Proceedings of UGC Sponsored National Seminar , Midnapur College	
3.	Concept of Nanotechnology and Nanobiotechnology in College Level	2012	Proceedings of UGC Sponsored National Seminar, Narajole Raj College, Narajole.	Dr. Tapanendu Kamilya
4.	Current Trends in Biological Sciences	2011	Proceedings of UGC Sponsored National Seminar , Pingla Thana Mahavidyalaya	

	Dr. Pradip Kumar Gain				
Sl. No.	Title with page no.	Year	Journal	ISSN No	Sole/Co-Author
1.	On Some Decompositions of Fuzzy Soft Continuity, 39-52.	2015	*Journal of New Theory*	2149-1402	P. Mukherjee and R. P. Chakraborty
2.	On Fuzzy I_β–Compact Spaces and Fuzzy I_β–Closed Spaces, 185-196.	2014	*The Journal of Fuzzy Mathematics*	1066-8950	R. P. Chakraborty and M. Pal
3.	A note on fuzzy soft semi open sets and fuzzy soft semi continuous functions, 973-989.	2014	*The Journal of Fuzzy Mathematics*	1066-8950	R. P. Chakraborty and P. Mukherjee
4.	On Compact and Semicompact Fuzzy Soft Topological Spaces, 425-445.	2014	*Journal of Mathematical and. Computational. Science*	1927-5307	R. P. Chakraborty and M. Pal
5.	On Generalization of S-closedness For Fuzzy Topological Spaces Through Fuzzy Ideals, 159-165.	2014	*International. Journal of mathematical Archive*	2229-5046	R. P. Chakraborty and M. Pal
6.	A New Approach Towards Characterization of Semicompactness of Fuzzy Topological Space and Its Crisp Subsets, 1-6.	2013	*Journal of Fuzzy Set Valued Analysis*	2193-4169	R. P. Chakraborty and M. Pal
7.	On Some Structural Properties of Fuzzy Soft Topological Spaces, 1-15.	2013	*International Jounrnal of Fuzzy Mathematical Archive*	2320-3250	P. Mukherjee, R. P. Chakraborty and M. Pal
8.	On Some Decompositions of Fuzzy Continuity Through Fuzzy Topological Ideal, 21-30.	2013	*International Journal of Mathematical Research & Science*	2347-3975	R. P. Chakraborty and M. Pal
9.	On Characterization of Some Fuzzy Subsets of Fuzzy Ideal Topological Spaces and Decomposition of Fuzzy Continuity, 115-120.	2012	*CiiT International Journal of Fuzzy Systems*	0974-9721	R. P. Chakraborty and M. Pal
10.	Characterization of Some Fuzzy Subsets of Fuzzy Ideal Topological Spaces and Decomposition of Fuzzy Continuity, 149-161.	2012	*International Jounrnal of Fuzzy Mathematics and Systems*	2248-9940	R. P. Chakraborty and M. Pal
11.	On α-N-Topological Spaces Associated with Fuzzy Topological Spaces, 1-12.	2012	*Annals of Pure and Applied Mathematics*	2279-0888	-
	Dr. Pradip Kumar Gain				

Sl.No.	Name of the Books	Year	Details of Publications	ISBN
1.	Some Problems of Fuzzy and Fuzzy Soft Topological Spaces.	2015	*Lambert Academic Publishers*, Saarbrücken, Deutschland, Germany.	978-3-659- 74114-2

20. Areas of consultancy and income generated   :   Nil

21. Faculty as members in   :   Dr. Bimal Krishna Das, Faculty as member in

     a. National Committee   :   Life Member, NESA, New Delhi

     b. International Committee   : i) Deputy Director General for Asia Division, IBC, Cambridge, UK

         ii) Deputy Governor, ABIRA, USA.

     c. Editorial Boards   :   Nil.

Name of the Teachers	Journal

EDITOR :

Name	Book
Dr. Bimal Krishna Das	Ananya Rabindranath, 2011
Dr. Bimal Krishna Das	Ananya Vivekananda, 2012

22. Students Projects

     d. Percentage of Students who have Done in-house projects including inter departmental / programme.   :   Nil

     e. Percentage of students placed for Projects in organization i.e., in Research The institutional / Industry / Other agencies.   :   Data not available.

23.   Awards/ Recognitions received   : Two Faculty received the following
       by faculty and students.   Awards/ Recognitions

- **Dr. Bimal Krishna Das, Associate Professor of Mathematics received the following Awards:**

    xii)   Received Merit Medal (SILVER) for securing First class Second position in M.Sc. from Vidyasagar University in its first convocation in 1995..
    xiii) Scientist of the year Award, 2010 from NESA, New Delhi
    xiv)   Leading Scientist of the world, 2012 from IBC, Cambridge, England (UK).
    xv)   Universal Award for Accomplishment,2012 from ABI,USA
    xvi)   Man of the year Award, 2012 from ABI, USA
    xvii) Order of the International Ambassadorship Award, 2012 from ABI,USA
    xviii) Bharat Jyoti Award, 2012 from IIFS, New Delhi
    xix)   Glory of India Gold Medal Award, 2012 from IISA, New Delhi
    xx)   Best Citizens of India Award, 2013 from International Publishing House, New Delhi
    xxi)   Glory of India Award, 2013 from Govt. of Thailand and Govt. of India at Bangkok, Thailand.
    xxii) Bharat Seva Ratan Gold Medal Award, 2014 from Global Economic Progress and Research Association, Tamil Nadu

- Dr. Pradip Kumar Gain, Associate professor of Mathematics has been awarded Ph. D. Degree on 15th May, 2015 from Vidyasagar University. Title of his thesis is *"Investigation of Some Problems Associated with Fuzzy and Fuzzy Soft Topology."*

24.   List of eminent academicians and scientists /   :   Given below.
        Visitors to the department

Sl. No.	Name	Qualification	Designation
1.	Prof. Manoranjan Maiti	M.Sc., Ph.D.	Formerly Protem Vice-Chancellor and Head, Deptt. Of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
2.	Dr. Madhumangal Pal	M.Sc., Ph.D.	Professor, Dept. Of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University
3.	Dr. Soumyakanti Ghosh	Ph.D.	Professor, Dept. Of Computer Science & Engg. I.I.T. Kharagpur
4.	Dr. Shyamal Mondal	M.Sc., Ph.D.	Associate Professor, Dept. Of Applied Mathematics with Oceanology & Computer Programming , Vidyasagar

5.	Dr. Keshab Bhattacharya	M.Sc., Ph.D.	Professor, Dept. Of Electrical Engineering, Jadavpur University
6.	Sri. Sunil Chandra Mallik	M.Tech.	Director, Computer Centre, Vidyasagar University
7.	Dr. Monimohan Mandal	M.Sc., Ph.D.	Associate Professor, Dept. Of Mathematics, Midnapore College, Midnapore
8.	Dr. Ashoke Kr. Bhunia	M.Sc., Ph.D.	Reader in Mathematics, Burdwan University

(top partial row above reads: "University")

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

    a.   National   :   Nil

    b.   International   :   Nil

    c.   College Level   :   01 (State Level)

- One UGC Sponsored State Level Three-day Workshop on " **C- Language & Its Application**" organized by the Department of Mathematics, Kharagpur College In Collaboration with Paschim Medinipur District Committee, WBCUTA, was held on 28-30 th March, 2012 at Kharagpur College.

26. **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.Sc. (Hons.)	650	63	49 (total)		65.31%

*M = Male, *F = Female

27. **Diversity of Students**   :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. in Mathematics Honours	100%	-	-
B.Sc. in Mathematics General	100%	-	-

28.   How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	A large number of students have cleared WBSSC, SET, GATE, NET etc. competitive exams.
State	West Bengal Primary Teachers Exam	DO

29.   Students progression   :

Student progression	Against % enrolled
UG to PG	80% (approx.)
PG to M.Phil.	N.A.
PG to Ph. D.	N.A.
Ph. D. to Post-Doctoral	N.A.
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	

30.   Details of Infrastructural facilities-

a.   Libraries   :

Library	Total Books
Central Library	2,535

b.   Internet facilities for staff &   :   Faculty can access Internet through
       students   Wi-Fi Network connection in the
                                                                Department. Students of 3rd Year can
                                                                access Internet in the Computer Lab.

c.   Class rooms with ICT facility :   NIL

Device/ Instruments	Number
Computers & Printer	2+1
Projector	
Projector Screen	
Microphone & Sound System	
Video Archive	
Smart classroom	1

| | d. | Laboratories | : | 01, Computer Laboratory equipped with 33 computers and Internet facilities with LAN and Wi-Fi Network Connection . |

31. Numbers of Students receiving financial
assistance from college, University or
Other agencies : (Data are to be given by the Office)

32. Details of students enrichment programmes : NIL
(special lectures / workshop / seminar)
with external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks) : Apart from the traditional lecture method with Black Board and Chalk , it is supplemented by other methods against Tick marks as follows:

* Classes through Power Point Presentation

* Movie shows

* Students' wall magazine for approaching the syllabus in varied ways and for their creative expressions.

* One-to-one counselling and guidance

√* Guided library hours

* Project library hours

√* Home Assignment

√* Question Hour

√* Special classes

√* Quiz

√* Remedial classes

√* Group discussion

√* Class seminar

* Workshop

34. Participation in Institutional Social
    Responsibility (UR) and Extension

: The teachers and students of the departments generally participation in different social Activities work e.g.

Blood Donation Camp, the cultural activities organized by NCC and NSS Units of the college and different Govt. Body as well as Private Institution . Different health awareness programmes are jointly organized by the college NSS units and Health department all through the year.

35. **SWOC** analysis of the department and Future Plans:

Strength	Weakness
• Demand for the Honours subject in Mathematics by a huge number of students every year. • Efficient, committed and qualified faculty members willing to go to the extra mile for the bright future of the students. • Sincere, hardworking and interested students and dedicated teachers of the department work as the best combination for development in academic atmosphere. • With all its five Full-time teachers, the department strives hard to complete syllabus in time and is moving forward imparting quality teaching.	• Insufficient teaching-learning infrastructure facilities for the class rooms. • Departmental infrastructural limitation due to lack of funds. • Students coming from village are poor in English which continues to be a formidable barrier to effective teaching and learning.

Opportunity	Challenges
• Students passed out with good results in Mathematics Honours from this department get opportunities for higher studies and teaching in Mathematics in different Universities and Institutes through IIT-JAM, GATE, UGC-NET, SET, WBSSC examinations. • The department has the ability to prepare in the students a strong Mathematics background at this UG Level so that they can opt for interdisciplinary higher studies like Computer Science, Master of Computer Applications etc and jobs easily in future.	• Socio-economic conditions become a challenge for the students to complete the course. • To adopt modern teaching aids for making the subject more attractive and interesting. • Inspiring the students to discover their hidden talents for the development of the community. • To motivate the students to prepare themselves adequately for good results and higher studies. • To maximize institutional and departmental achievement with the existing infrastructural and human resources.

FUTURE PLAN

- To dedicate its best efforts to establish in the students a strong foundational mathematical base for their bright future.

- To be upgraded with more infrastructure and setting up the class rooms with ICT facility.

- To aspire affiliation in M.Sc. PG-Course in Mathematics subject to various constraints like considerable extension and facilities of the department.

- To organize more UGC-sponsored Seminars, Workshops in National and State Levels in order to improve the teaching and research possibilities of the department.

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12.

Department of Zoology

Evaluative Report the Department of ZOOLOGY

1. Name of the Department : ZOOLOGY

2. Year of Establishment : General : 1984

   Honours : 2002

3. Names of the Programmes / : UG
   Courses offered (UG, PG,
   M.Phil, Ph.D., Integrated
   Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.Sc. in Zoology (Hons. & Gen.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary : NIL
   Courses and the departments/
   Units involved

5. Annual/ Semester/ Choice based : Annual
   Credit system (programme wise)

6. Participation of the department : The departments is actively
   involved
   In the courses offered by other   in B.Sc. Hons. Courses offered by
   Departments   other departments through teaching
                                          the combination subject of B.Sc.
                                          Zoology as a General.

7. Courses in collaboration with : NIL
   Other Universities, Industries,
   Foreign institutions etc.

8. Details of courses / programmes : NIL
   discontinues (if any) reasons.

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor		
Asstt. Professor		

10. Faculty profile with name,
    Qualification, designation,
    Specialisation, (D.Sc./D.Litt./
    Ph.D./M.Phil. etc) :

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Moumita Chakraborty	M.Sc., M.Phil.	Part-Time Teacher	Fishery	13 Year	Nil
Sibani Chaudhuri (Majumdar)	M.Sc., M.Phil.	Part-Time Teacher	Ecology	11 Year	Nil
Mousumi Moitar	M.Sc.	Part-Time Teacher	Fishery	6 Year	Nil
Abhimanyu Mudi	M.Sc.	Contractual Whole Time Teacher	Genetics	3 Year	Nil
Mousumi Dutta	M.Sc.	Guest Teacher	Fishery	2 Year	Nil
Subhajit Banerjee	M.Sc.	Guest Teacher	Genetics	2 Year	Nil
Urmita Chandra	M.Sc.	Guest Teacher	Ecology	`6 month	Nil
Moumi Mondal	M.Sc.	Guest Teacher	Genetics	6 Month	Nil
Madhumita Dubey	M.Sc.	Guest Teacher	Fishery	6 month	Nil

11. List of senior visiting faculty : Nil

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

Programme	% of Lecture delivered
B.Sc. Part-I Hons.	12%
B.Sc. Part-I Genl.	100%
B.Sc. Part-II Hons.	16%
B.Sc. Part-II Genl.	70%
B.Sc. Part-III Hons.	18%
B.Sc. Part-III Genl.	8%

13. Students- Teacher Ratio :
(Programme wise)
(Two guest teacher =
1 whole time teacher)

Programme	Honours	General
B.Sc. Part-I	10:1	13:1
B.A. Part-II	6:1	8:1
B.A. Part-III	5:1	2:1

14. Number of Academic support :
Staff (Technical) and administrative
Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	Nil	Nil
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
Moumita Chakraborty	M.Sc., M.Phil.
Sibani Chaudhuri (Majumdar)	M.Sc., M.Phil.
Mousumi Moitar	M.Sc.
Abhimanyu Mudi	M.Sc.
Mousumi Dutta	M.Sc.
Subhajit Banerjee	M.Sc.
Urmita Chandra	M.Sc.
Moumi Mondal	M.Sc.
Madhumita Dubey	M.Sc.

16. Number of faculty with ongoing : NIL
Projects from

    a) National
    b) In- ternational funding agencies and grants received.

17. Departmental projects funded by : NIL
DST-FIST, UGC, DBT, ICSSR,
Etc. and total grants received.

18. Research center / facility : Nil
Recognised by the University

19. **Publications   (2011 onwards)**   :   Nil

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN

20.   Areas of consultancy and income generated   :   Nil

21.   Faculty as members in

   a.   National Committees   :   NIL

   b.   Internal National Committee   :   NIL

   c.   Editorial Boards

Name of the Teachers	Journal

   EDITOR :

Name	

22.   Students Projects

      d.   Percentage of Students who have   :   100%
           Done in-house projects including
           inter departmental / programme.

      e.   Percentage of students placed for   :   Nil
           Projects in organization i.e., in Research
           The institutional / Industry / Other
           agencies.

23.   Awards/ Recognitions received   :   None
      by faculty and students.

24.   **List of eminent academicians and scientists / :**
      Visitors to the department

Sl. No.	Name	Qualification	Destination

25.   Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

      a.   National   :   NIL
      b.   International   :   NIL
      c.   College Level   :   NIL

26.   **Students profile programme / course wise :**

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	***F**	
B.Sc. (Hons.)					

*M = Male, *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. in Zoology Honours	100%	-	-
B.Sc. in Zoology General	100%	-	-

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	N.A.
State	West Bengal Primary Teachers Exam	N.A.

29. Students progression :

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	
PG to Ph. D.	
Ph. D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	

30. Details of Infrastructural facilities-
  a. Libraries :

Library	Total Books
Central Library	676
Departmental Library	Nil

  b. Internet facilities for staff & students : Teachers and staff can access the Internet and the web from any part of the campus, while the students can get internet facilities at the department, central library, hostels, and students' Union etc.

c. Class rooms with ICT facility   :

Device/ Instruments	Number
Computers	1
Projector (Over head)	1
Projector Screen	Special area prepared on wall
Microphone & Sound System	Nil
Video Archive	Nil

d. Laboratories   :   Two

31. Numbers of Students receiving financial   :   Nil
Assistance from college, University or Other
agencies.

32. Details of students enrichment programmes   :
(Special lectures / workshop / seminar)
With external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks)   :

The department is aware of the limitations of the tradition lecture method. So in order to add variety and more values to the teaching-learning process, it has adopted a number of methods and ways:

- Classes through Power-point Presentation
- Guided library hours.
- Project Work for 3rd year students.
- Quiz, Group discussion.
- Remedial Classes.
- Class seminar.
- Workshop
- One-to-one counseling and guidance
- Guided library hours
- Project library hours
- Home Assignment
- Question Hour
- Special classes
- Group discussion

34.	Participation in Institutional Social Responsibility (UR) and Extension in different social Activities	:	The teachers and students of the departments generally participation work e.g.

The teachers and students of the departments generally participation work e.g.

i) Literacy programme,

ii) Blood Donation Camp,

iii) Health Check-up. Students also take active Part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different Health awareness Programmes are jointly organized by The college, health department and Local NGO.

35. **SWOC analysis of the department and Future Plans:**

Strength	Weakness
Better infrastructure: The department has dedicated classroom attached to the department and the classroom is fully ICT-enabled. **Guidance and Counseling**: Teachers of the department always invite students for personal guidance and counseling and the students get their problems and queries solved right in the department. **Good Natural Environment**: The college is situated amidst good natural surroundings and the natural environment is very conducive for teaching-learning. **Faculty Resource Strength:** The department has adequate number of highly experienced, qualified, dedicated faculty members with substantial academic resource network. **Library and Laboratory Facility**: The department has a well-managed user-friendly commerce laboratory with adequate library books, magazines and accessories.	**Vacant full-time posts**: The department has been suffering from the vacancy of all the sanctioned posts. **Very low number of Students:** The department seriously suffers from very low number of students. **Lack of Seminars, Workshops and Special Lectures**: The department has not so far organized any UGC-sponsored seminar/ conference/ workshop. **English Communication:** High deficiency of English communications among the students, an essential part of science education, is an obstacle for employability. **Lack of Attitude:** there is a lack of right attitude of studying Zoology among the local students.

One-to-one Guidance and Counseling: Teachers of the department are always available for guidance -

1. All the faculty members encourage the college authority to open new faculty to extend library, laboratory and college building to improve the cultural activities like magazine, games and sports. They also offer lecturer in N.S.O.U. as counselor.
2. There are day-to-day interaction between the teachers and students in each class of department. The teachers generally give some assignment to the students in the classroom for solution.
3. We aspire to enrich the laboratories with more computers, projectors, microscope, binocular etc. Moreover we are planning to set up a separate lab. for and biochemistry.

Opportunity	Challenges
New Advanced Syllabus: Science has been introduced recently in few schools of the locality and it is hoped that studentswill study science here. **New age education:** As designed in th curriculum, will enhance employability the students. Now-a-days Zoology is th most dynamic subject. Zoology has wic spread application in Biotechnology, Genet engineering, Microbiology, Fisher Sericulture, Marine biology, Environment studies, Ecology, Poultry etc. This subje has maximum employment opportunity technology.	Participation in Students' Programme (NSS, Sports - Indoor & Outdoor, Cultural Programme, Annual Programme of Students' Union The department needs to remain updated in knowledge-base and upgraded in teaching skills and fully-equipped in infrastructural facility. The department needs of ensure admission of students in substantial number. **Information and communication Gap:** Providing right information regarding the new-age job opportunities for the Zoology students is major challenge for the department.

Future Plan

- The Department will try to spread awareness about the value of Science Subjects as a discipline among students and guardians.

- The department will try to organize regular seminars/workshop/special lecture with external resource persons in order to expose the students to the knowledge and skills from other institutions.

- It wants to upgrade its infrastructure and create a Smart Classroom.

- It will seek to enrich the departmental library with more standard books of different authors, suitable reading rooms facilities and more computers for access.
- Students will be encouraged to take up more live project works, small research, assignments, field studies, industrial visits, competition etc.

- The department will create a **student profile analysis system** to evaluate, monitor and develop the skills, knowledge, attitude, abilities and progress of career development of each student.

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13.
Department of Botany

Evaluative Report the Department of Botany

1. Name of the Department : Botany

2. Year of Establishment : General : 1984

   Honours : 2003

3. Names of the Programmes / :
   Courses offered (UG, PG,
   M.Phil, Ph.D., Integrated
   Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.Sc. in Botany (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary : Nil
   Courses and the departments/
   Units involved

5. Annual/ Semester/ Choice based : Annual
   Credit system (programme wise)

6. Participation of the department : The departments is actively
   involved
   In the courses offered by other in B.Sc. Hons. Courses offered by
   Departments Zoology, Physiology departments
   through teaching the combination
   subject of as a General.

7. Courses in collaboration with : Nil
   Other Universities, Industries,
   Foreign institutions etc.

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

9. Number of teaching posts :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Asstt. Professor	01	01

10. Faculty profile with name, :
Qualification, designation,
Specialisation, (D.Sc./D.Litt./
Ph.D./M.Phil. etc)

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
MAHANGA SINGH	M.Sc.	Associate Professor	Cell Biology and Genetics	18	Nil
Soumik Sar	M.Sc.	Guest Teacher	Ecology and Biodiversity	2 yrs 2 months	Nil
Arpita Pradhan	M.Sc.	Guest Teacher	Mycorrhizal Biology	04 months	Nil

11. List of senior visiting faculty : Nil

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

Programme	% of Lecture delivered
B.A. Part-I Hons.	25
B.A. Part-I Genl.	25
B.A. Part-II Hons.	45
B.A. Part-II Genl.	35
B.A. Part-III Hons.	5
B.A. Part-III Genl.	Nil

13. Students- Teacher Ratio :
(Programme wise)

Programme	Honours	General
B.A. Part-I	14:1	49:1
B.A. Part-II	9:1	26:1
B.A. Part-III	4:1	11:1

14. Number of Academic support :
Staff (Technical) and administrative
Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff	01	01
Administrative staff	Nil	Nil

15. Qualification of teaching faculty :

Name	Qualification
MAHANGA SINGH	M.Sc.
Soumik Sar	M.Sc.
Arpita Pradhan	M.Sc.

16. Number of faculty with ongoing : Nil
Projects from a) National b) In-
ternational funding agencies and
grants received.

17. Departmental projects funded by : Nil
DST-FIST, UGC, DBT,ICSSR,
Etc. and total grants received.

18. Research center / facility : Nil
Recognised by the University

19. Publications (2010 onwards) : Nil

Articles in Journals/Magazines					
Name of the Teacher					
Sl. No.	Topic	Year	Journal	Chapter in Book	ISSN/ ISBN

20.   Areas of consultancy and income generated   :   Nil

21.   Faculty as members in   :

      a.   National Committees   :   Nil
      b.   Internal National Committee   :   Nil
      c.   Editorial Boards

Name of the Teachers	Journal

Editor :

Name	

22.   Students Projects

      a.   Percentage of Students who have   :   Nil
      donein-house projects including
      inter departmental / programme.

      b.   Percentage of students placed for   :   Nil
      Projects in organization i.e., in Research
      The institutional / Industry /
      Other agencies.

23.   Awards/ Recognitions received   :   Nil
      by faculty and students.

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

Sl. No.	Name	Qualification	Destination

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

       a.   National   :   Nil
       b.   International   :   Nil
       c.   College Level   :

26.   Students profile programme / course wise : *(For Students admitted in 2012 in 1st Year and Passed out III Year in 2015)*:

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.Sc. Botany (Hons.)	181	24	2	6	100%

*M = Male, *F = Female

27.   Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Honours in Botany	100%	-	-
B.Sc. General (Bio)	100%	-	-

28.   How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	01
State	West Bengal Primary Teachers Exam	02

29.   Students progression :

Student progression	Against % enrolled
UG to PG	40%
PG to M.Phil.	N.A.
PG to Ph. D.	N.A.
Ph. D. to Post-Doctoral	N.A.
Employed • Campus selection • Other than campus recruitment	_____
Entrepreneurship/ Self-employment	

30.   Details of Infrastructural facilities-

     a. Libraries   :

Library	Total Books
Central Library	509
Departmental Library	Nil

     b. Internet facilities for staff & students:

        of

        get

        students'

Teachers and staff can access the Internet and the web from any part

the campus, while the students can

internet facilities at the department, central library, hostels, and

Union etc.

     c. Class rooms with ICT facility :

Device/ Instruments	Number
Computers	01
Projector	Nil
Projector Screen	Nil
Microphone & Sound System	Nil

     d. Laboratories   :   02

31.   Numbers of Students receiving financial :   12
       Assistance from college, University or Other
       agencies.

32.   Details of students enrichment programmes :
       (special lectures / workshop / seminar)
       With external experts

33. Teaching methods adopted to improve
    Student learning (Put Tick marks)   :

* Classes through Power Point Presentation	√
* Movie shows	√
* Students' wall magazine for approaching the syllabus in varied ways and for their creative expressions.	√
* One-to-one counselling and guidance	√
* Guided library hours	√
* Project library hours	√
* Home Assignment	√
* Question Hour	√
* Special classes	√
* Quiz	√
* Remedial classes	√
* Group discussion	√
* Class seminar	√
* Workshop	√

34. Participation in Institutional Social   :   The teachers and students of the
    Responsibility (UR) and Extension   departments generally participation
    in different social Activities   work e.g.

    i) Literacy programme,

    ii) Blood Donation Camp,

    iii) Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution. Different health awareness programmes are jointly organized by the college, health department and local NGO.

35.   **SWOC analysis of the department and Future Plans:**

Strength	Weakness
• The location advantage of college helps the students to attend classes from remote areas. The Dept is rich in instruments which helps the students in practical classes.	• Only one sanctioned post of permanent teacher. • Lack of sufficient number of Laboratory attendants. • Considerable number of students suffer from family support since they are either first generation learner or economically/socially backward
Opportunity	**Challenge**
• Vicinity of Institute like IIT Kharagpur for higher studies and to get trained in course like Mushroom cultivation, Vermi Technology Bio Technology etc. • Funding from UGC for Remedial Coaching	• Student intake is increasing in every year which is a great challenge in terms of Laboratory space and availability of teachers.

FUTURE PLAN

- With an objective to have a vibrant academic atmosphere in the department seminars, debates, and group discussions within the department will be organized in regular basis.

- To establish a laboratory enriched with instruments for carrying out research in Plant tissue culture, Biotechnology and Molecular Biology.

- To adopt modern teaching methodologies, the department has a plan to build smart classroom consisting of a computer with internet connection and modern audio-visual gazettes.

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14.

Department of Commerce

Evaluative Report the Department of Commerce

1.   Name of the Department   :   Commerce

2.   Year of Establishment   :   General   : 1949

                                                   Honours   : 1949

3.   Names of the Programmes /   :   UG
Courses offered (UG, PG,
M.Phil, Ph.D., Integrated
Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.Com. in Accountancy (Hons. & Genl.) (Affiliation with the Vidyasagar University)

4.   Name of Interdisciplinary   :   Nil
Courses and the departments/
Units involved

5.   Annual/ Semester/ Choice based   :   Annual
Credit system (programme wise)

6.   Participation of the department   :   The departments is actively
involved
In the courses offered by other   in teaching of environmental

                         Studies   courses of B.Com (Hons &Gen)
Departments and B.A. (Hons &Gen)
Courses.

7.   Courses in collaboration with   :   Nil
Other Universities, Industries,
Foreign Institutions etc.

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

9.   Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor	04	04
Asstt. Professor	01	01

10.   Faculty profile with name, Qualification, designation, Specialisation, (D.Sc./D.Litt./ Ph.D./M.Phil. etc)   :

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Dr Mahadeb Mukherjee	M.Com; Ph.D	Associate Professor	Marketing and Finance	27	Nil
Prof Rabindra Nath Changder	M.Com	Associate Professor	Accounting and Finance	20	Nil
Prof Ashok Das	M.Com	Associate Professor	Cost Accounting	18	Nil
Prof Tarun Kumar Ray	M.Com; M.Phil; C.F.A	Associate Professor	Accounting and Finance	18	Nil
Prof Anupam Roy	M.Com; M.Phil	Assistant Professor	Accounting and Finance	01	Nil

11.   List of senior visiting faculty   :   Nil

12.   Percentage of lectures delivered and practical classes handled (Programme wise) by temporary Faculty.

Programme	% of Lecture delivered
B.Com. Part-I Hons.	25
B.Com. Part-I Genl.	25
B.Com. Part-II Hons.	Nil
B.Com. Part-II Genl.	25
B.Com Part-III Hons.	Nil
BCom. Part-III Genl.	25

13. Students- Teacher Ratio :
    (Programme wise)

Programme	Honours	General
B.Com. Part-I	32:1	8.5:1
B.Com. Part-II	28:1	10.4:1
B.Com. Part-III	13:1	8:1

14. Number of Academic support :
    Staff (Technical) and administrative
    Staff; sanctioned and filled

	Sanctioned	Filled
Academic support staff		03
Administrative staff		01

15. Qualification of teaching faculty :

Name	Qualification
Dr Mahadeb Mukherjee	M.Com; Ph.D
Prof Rabindra Nath Changdar	M.Com
Prof Ashok Das	M.Com
Prof TarunKumar Ray	M.Com; M.Phil; C.F.A.
Prof Anupam Ray	M.Com; M.Phil

16. Number of faculty with ongoing : Nil
    Projects from a) National b) In-
    ternational funding agencies and
    grants received.

17. Departmental projects funded by : Nil
    DST-FIST, UGC, DBT,ICSSR,
    Etc. and total grants received.

18. Research center / facility : NIL
    Recognised by the University

19.   Publications (2011 onwards)   :

Sl. No.	Title with page no.	Year	Journal	ISBN/ISSN No.	Sole/Co-Author
1	An overview to Indian Companies and Foreign Capital (under FDI Policy), Page: 90-99	2013	Foreign Direct Investment and Its Impact on Indian Economy	978-81-928665-0-5	Tarun Kumar Ray
2.a)	Corporate Fraud and its impact on Indian Business Environment page: 160-174	2015	Corporate Fraud: Visualisation of Challenges, Page 160-174	9789382623618	Anupam Roy
2.b)	Changing Scenario of FDI in Indian Agriculture & Economy: An Overview Page 135-144	2015	Impact of Foreign Direct Investment on Indian Economy	9788193149713	

Publication of Books:				
Name: Sri Anupam Roy				
Sl. No.	**Name of the Books**	**Year**	**Details of Pub.**	**ISBN**
01	Creative Marketing Approaches and Analysis	2014	Publisher: E Kaler Raktakarabee, Kolkata	9788192736327

20.   Areas of consultancy and income generated   :

21.   Faculty as members in

      a.   National Committees   :   Nil
      b.   Internal National Committee   :   Nil
      c.   Editorial Boards

Name of the Teachers	Journal

Editor :

Name	

22. Students Projects

       a. Percentage of Students who have   :   35%
          Done in-house projects including
          inter departmental / programme.

       b. Percentage of students placed for   :   Nil
          Projects in organization i.e., in Research
          The institutional / Industry /
          Other agencies.

23. Awards/ Recognitions received   :   Nil
     by faculty and students.

24. List of eminent Academicians and Scientists /Visitors to the department:

Sl. No.	Name	Qualification	Designation
01	Prof. Kumar B Das	PhD	V.C. Fakir Mohan University
02	Dr. A. Gupta	PhD	Vidyasagar University
03	Dr. Pulak Mishra	PhD	IIT, Kharagpur
04	Dr. Asish Kumar Saw	PhD	University of Calcutta
05	Dr. K.C. Pal	PhD	Vidyasagar University
06	Dr. Dipti Chakraborty	PhD	University of Calcutta

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards)

       a. National   :   02

             1. UGC sponsored two day national seminar on " Direct Taxes Code: A Revolution in the way of Tax Reforms" during March 22-23 , 2012.
             2. UGC sponsored two day national seminar on " F.D.I. and its impact on Indian Economy" during March 21-22 , 2013.

b. International : Nil

c. College Level : 02

26. Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.Com. (Hons.)					

*M = Male, *F = Female*

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com. in Accountancy Honours	92	08	Nil
B.Com in General	98	02	Nil

28. How many students have cleared National :

and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	02
State	West Bengal Primary Teachers Exam	Nil

29. Students progression :

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

30. **Details of Infrastructural facilities-**

   a. Libraries   :

Library	Total Books
Central Library	2760
Departmental Library	1470

   b. Internet facilities for staff & students   :   No.

   c. Class rooms with ICT facility   :   No.

Device/ Instruments	Number
Computers	2
Printer	2
Xerox Machine	1
Projector	
Projector Screen	
Microphone & Sound System	1
Video Archive	

   d. Laboratories   :   1

31. Numbers of Students receiving financial   :
    Assistance from college, University or Other agencies.

32. Details of students enrichment programmes   :   No.
              (special lectures / workshop / seminar)
              With external experts

33. Teaching methods adopted to improve
    Student learning (Put Tick marks)   :

          *Classes through Power Point Presentation
          *Movie shows
       ✓ *Students' wall magazine for approaching the syllabus in
          varied ways and for their creative expressions.
       ✓ *One-to-one counselling and guidance
       ✓ *Guided library hours
          *Project library hours

- ✓ *Home Assignment
- ✓ *Question Hour
- ✓ *Special classes
  *Quiz
- ✓ *Remedial classes
  *Group discussion
  *Class seminar
  *Workshop

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

   i. Blood Donation Camp
   ii. Health Check-up
   iii. Cultural activities

35. Participation in Institutional Social : Responsibility (UR) and Extension Activities

The teachers and students of the departments generally participation work e.g, Blood Donation Camp, Health Check-up. Students also take active part in the cultural activities organized by college and different local Govt. Body as well as Private Institution.

36. SWOC analysis of the department and Future Plans:

Strength	Weakness
i) Well qualified and motivated teachers ii) Meritorious and obedient students iii) Motivated laboratory assistants iv) Departmental library and reading room v) Conducive teacher-student relationship vi) Internet connection in the department vii) Availability of sufficient no. of students in comparision with other colleges.	i) Vacant whole time teaching and supporting staff posts ii) Insufficient staff in laboratory iii) Lack of adequate number of class rooms

Opportunity	Challenges
i) Interdepartmental knowledge exchange ii) Remedial coaching to upgrade backward students	i) Improve teaching through innovative microteaching aids and methodologies ii) Motivate students for extensive attendance in classes iii) Enrich departmental library iv) Uphold research activities

Future Plan

- With an objective to have a vibrant academic atmosphere in the department seminars, debates, and group discussions within the department will be organized in regular basis. Educational tours to industries will be arranged in order to have practical knowledge on the subject. National and state level seminars will be organized to acquire knowledge on various aspects of different fields of chemistry.

- More emphasis will be given to provide the students with special coaching and counseling to appear for competition to get into M.Com. in various institutions. To adopt modern teaching methodologies, the department has a plan to build smart classroom consisting of a computer with internet connection and modern audio-visual gazettes.

- Research work in the department will be undertaken in greater extent with the limited facilities available in the department and taking help from other institutions and through collaboration.

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15.

Department of Computer Science

Evaluative Report the Department of Computer Science

1. Name of the Department : Computer Science

2. Year of Establishment : General : 1995

   Honours : NA

3. Names of the Programmes / : UG
   Courses offered (UG, PG,
   M.Phil, Ph.D., Integrated
   Masters, Integrates Ph.D., etc.)

Level	Courses
UG	B.Sc. in Computer Science (General) (Affiliation with the Vidyasagar University)

4. Name of Interdisciplinary : Commerce, Mathematics, Physics, Zoology

   Courses and the departments/
   Units involved

5. Annual/ Semester/ Choice based : Annual
   Credit system (programme wise)

6. Participation of the department : The departments is actively
   involved
   In the courses offered by other   in B.A./B.Sc. Hons. Courses
   offered by Departments   other departments through teaching
                                        the combination subject of Physics
                                        (Hons.), Mathematics(Hons.)
                                        Commerce (Hons) as a General.

7. Courses in collaboration with : NA
   Other Universities, Industries,
   Foreign institutions etc.

8. Details of courses / programmes : NO
   discontinues (if any) reasons.

9.   Number of teaching posts   :

	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Asstt. Professor	1	-

10.   Faculty profile with name,   **:**
       Qualification, designation,
       Specialisation, (D.Sc./D.Litt./
       Ph.D./M.Phil. etc)

Name	Qualification	Designation	Specialisation	No. of years of experience	No. of Ph.D. students guided for the last 4 years.
Samiran Acharyya	M.Com, M.B.A	Part-Time Teacher(Govt. Approved)	Accounting & Finance	7	
Chiranjit Changdar	M.Sc.	Guest Teacher	Mobile Computing	5	
Sanhati Mallik	M.C.A.	Guest Teacher	VLSI	2	
Sakhi Bandyopadhyay	M.Sc.	Guest Teacher	Mobile Computing	2	

11.   List of senior visiting faculty   **:**   NA

12.   Percentage of lectures delivered and practical
       classes handled (programme wise) by
       temporary Faculty.

Programme	% of Lecture delivered
B.Sc. Part-I Hons.	Nil
B.Sc. Part-I Genl.	100%
B.Sc. Part-II Hons.	100%
B.Sc. Part-II Genl.	25%
B.Sc. Part-III Hons.	100%
B.Sc. Part-III Genl.	100%

13.   Students- Teacher Ratio   **:**
       (Programme wise)

Programme	Honours	General
B.Sc Part-I	-	5:1
B.Sc Part-II	-	8:1
B.ScPart-III	-	1:2

14. Number of Academic support Staff (Technical) and administrative Staff; sanctioned and filled :

	Sanctioned	Filled
Academic support staff	-	1
Administrative staff	-	-

15. Qualification of teaching faculty :

Name	Qualification
Samiran Acharyya	M.Com, M.B.A.
Chiranjit Changdar	M.Sc.
Sanhati Mallik	M.C.A.
Sakhi Bandyopadhyay	M.Sc.

16. Number of faculty with ongoing Projects from a) National b) International funding agencies and grants received. : NIL

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, Etc. and total grants received. : NIL

18. Research center / facility Recognised by the University : NIL

19. Publications (2011 onwards) :

Sl. No.	Title with page no.	Year	Journal	ISBN/ ISSN No.	Sole/Co-Author
1	An improved genetic algorithm based approach to solve constrained knapsack problem in fuzzy environment, Vol. 42, No. 4, 2276-2286	2015	Expert Systems with applications	ISSN: 0957-4174	C. Changdar, G. S. Mahapatra, R. K. Pal
2	A modified ant colony optimization based approach to solve sub-tour constant travelling salesman problem.	2015	International Journal of Mathematics in Operational	ISSN online: 1757-5869	C. Changdar, G. S. Mahapatra, R. K. Pal,

			Research		
3	A modified genetic algorithm approach to solve constrained solid tsp with time window using interval parameter.	2014	International Journal of Operational Research,	ISSN online: 1745-7653	C. Changdar, G. S. Mahapatra, R. K. Pal,
4	An Efficient Genetic Algorithm for Multi-Objective Solid Travelling Salesman Problem under Fuzziness, , Vol. 15, 27-37.	2014	Swarm and Evolutionary Computation	ISSN: 2210-6502	C. Changdar, G. S. Mahapatra, R. K. Pal
5	An ant colony optimization approach for binary knapsack problem under fuzziness, Vol. 223, 243-253.	2013	Applied Mathematics and Computation	ISSN: 0096-3003	C. Changdar, G.S. Mahapatra, R.K. Pal
6	A constrained solid tsp in fuzzy environment: Two heuristic approaches, Vol. 10, No. 1, 1-28.	2013	Iranian Journal of Fuzzy Systems	ISSN, 1735-0654	C. Changdar, M. K. Maiti and M. Maiti
7	Solving 0-1 knapsack problem by continuous ACO algorithm, Vol. 2, No. 3/4, 333-349.	2013	International Journal of Computational Intelligence Studies	ISSN online: 1755-4985	C. Changdar, G. S. Mahapatra, R. K. Pal.

Publication of Books:				
Name				
Sl. No.	Name of the Books	Year	Details of Pub.	ISBN

20. Areas of consultancy and income generated   :   NIL

21. Faculty as members in   :

    a. National Committees   :
    b. Internal National Committee   :
    c. Editorial Boards   :

Name of the Teachers	Journal

Editor :

Name	

22. **Students Projects -**

    a. Percentage of Students who have
       Done in-house projects including
       inter departmental / programme.

: 100% ; The following Projects have been completed by the departmental student.
(1) Diagnostic centre accounting project in 2011
(2) Gas distribution accounting package in 2012
(3) Employment Exchange Management System in 2013
(4) Train Time Table in 2014

    b. Percentage of students placed for
       Projects in organization i.e., in Research
       The institutional / Industry /
       Other agencies.

:   0%

23. Awards/ Recognitions received
    by faculty and students.

:

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

:   NIL

Sl. No.	Name	Qualification	Destination

25. Seminars / Conference / Workshops organized & the source of funding. (2011 onwards) -

    a. National   :

    b. International   :

    c. College Level   :

26. Students profile programme / course wise :

Name of the Course/ Programme	Applications received	Selection	Enrolled		Pass percentage
			*M	*F	
B.A. (Hons.)					

*M = Male, *F = Female*

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. in Comp.Sc Honours	NA	-	-
B.Sc. in Comp.Sc General	100%	-	-

28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?   :

Levels	Examinations	Number of Students
State	West Bengal School Service Commission	
State	West Bengal Primary Teachers Exam	

29. Students progression   :

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

30. Details of Infrastructural facilities-

a. Libraries   :

Library	Total Books
Central Library	NIL
Departmental Library	

b. Internet facilities for staff & students: YES

c. Class rooms with ICT facility :

Device/ Instruments	Number
Computers	33
Projector	NIL
Projector Screen	NIL
Microphone & Sound System	NIL
Video Archive	NIL

d. Laboratories : 3 (Two software Lab& One Hardware Lab)

31. Numbers of Students receiving financial :
Assistance from college, University or other agencies.

32. Details of students enrichment programmes : NA
(special lectures / workshop / seminar)
With external experts

33. Teaching methods adopted to improve
Student learning (Put Tick marks) : * Classes through Power Point
Presentation

   * Movie shows

√ * Students' wall magazine for
approaching the syllabus in varied
ways and for their creative
expressions.

√ * One-to-one counselling and
guidance

   * Guided library hours

   * Project library hours

√ * Home Assignment

√ * Question Hour

√ * Special classes

√ * Quiz

√ * Remedial classes

√ * Group discussion

   * Class seminar

   * Workshop

34. Participation in Institutional Social   :   The teachers and students of the
    Responsibility (UR) and Extension   departments generally participation in
                                                    different social Activitieswork e.g.

    i)   Literacy programme,

    ii) Blood Donation Camp,

    iii) Health Check-up. Students also take
         active part in the cultural activities
         organized by college and different
         local Govt. Body as well as
         Private Institution. Different health
         awareness programmes are jointly
         organized by the college, health
         department and local NGO.

35. SWOC analysis of the department and Future Plans:

Strength	Weakness
i) Meritorious and obedient students ii) Motivated laboratory assistants iii) Departmental library and reading room iv) Conducive teacher-student relationship v) Internet connection in the department	i) Vacant whole time teaching and supporting staff posts ii) Insufficient staff in laboratory iii) Lack of adequate number of class rooms
Opportunity	**Challenges**
i) Interdepartmental knowledge exchange ii) Remedial coaching to upgrade backward students	i) Improve teaching through innovative microteaching aids and methodologies ii) Motivate students for extensive attendance in classes **iii) Enrich departmental library**

Future Plan

At present Computer Science department teaches a course of B.Sc. General in which computer science is a combination subject. It remains as a future plan to open B.Sc. Honours in Computer Science and BCA course. Our department has Software and Hardware Lab to continue Computer Science and BCA course.

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Post-Accreditation Initiatives

Our college was assessed and accredited by the NAAC Peer Team comprising of the honourable members Prof. K. M. Pathak (Chairman), Dr. Kabindra Prasad Singh (Member Co-ordinator) and Dr. Manju Sinha (Member) during 28-29 March 2007. The Hon'ble NAAC Team thanked "the Principal, College Co-ordinator and the members of the Governing Body for the untiring efforts they have made for making a success". The Peer Team also placed on record "its appreciation and thanks for the faculty members, students, non-teaching staff, parents and alumni for interacting with them". The Team wished "the very best for the Kharagpur College, Inda, Kharagpur in its endeavour for quality Higher Education in the coming years". While awarding grade B$^+$, they made certain serious recommendations and suggested some measures to be taken. The college provided sincere efforts to act on their guidelines and took various measures. A comparative descriptive table is given below:

Sl No.	Suggestions of the NAAC Team	Initiatives Taken by the College
01	Maintenance of traditional ethics and values as well as modernity to move ahead	We strongly believe that to build up good character of the students with the motive of strong determination, dedication and fellow-feeling, inculcating the thoughts and messages delivered by great persons of the nation - to name a few are Rabindranath Tagore, Swami Vebakannanda, Ishwar Chandra Vidyasagar - is profoundly important. We try utmost to keep in mind those valuable messages and thoughts while taking administrative and academic decisions for the sake of students' benefits as a whole.
02	Strict implementation of academic calendar, discipline and work culture.	Academic Calendar is published by the affiliating University prior to the commencement of every academic session. This calendar is strictly followed. Teachers are given instruction to be punctual in their duties. Students with the attendance rate lower than 50 per cent are debarred from appearing at the Internal Assessment Examinations. This is done to

		enhance the attendance of the students as far as possible.
03	Encouragement provided to the teachers for research and updating for their qualification and knowledge.	Teachers are given duty leave without any prejudice to enable them to attend and present their research papers in Workshops, Seminars, and to facilitate their participation in RC, OP and Faculty Development Programme etc.
04	Importance given by the College for Computer-friendly work culture.	After the last NAAC Peer Team's visit, each department as well as office have been provided with sufficient number of computers with Internet facility.
05	Facilitating role of the College in promoting student-teacher-society efforts for participating in socio-cultural awareness and community development programmes	The college promotes participation of students and faculty in extension activities like NSS, NCC, Book Fair etc by holding, sensitizing programmes at various levels. Republic Day Parade, Aids Rally: Dec- 2012; Blood Donation Camp organized every year on College Foundation Day (29th August); Road Rally for Heritage Home, Protects Girls and Save Country, Social Rally for Girls' Education, Tree Plantation Camp, World Yoga Day Camp, Special Nation Integration Camp, Free Eye Treatment Camp deserve special mentioning here. A Seminar-cum-Workshop on Women Health & Personal Hygiene, Observed SWACHHA BHARAT AVIYAN on 30.10.14, Observed Rastriya Ekta Diwas on the Birth Anniversary of **Sardar Vallabhbhai Patel** on 01.11.2014.
06	Formation of Grievance Redressal Cell, Career Counselling Cell and Women Cell	All three cells are formed and functioning properly.
07	Activating Alumni Association	The college has not yet initiated Alumni Association of its own. However, steps will be taken in near future in this direction. The only exception is the Physics Department. Department of Physics of this institution had launched an Alumni Association in 2007. It has its own webpage and meets biannually since its inception. It organizes seminar by eminent resource persons on the subject during alumni meet dwelling on the current issuues of Physics and focussing on opportunities available to the students intending to pursue higher studies in

		Physics in the current global scenario.
08	Linkage with local colleges of repute for Placement	
09	System of Internal Audit to ensure meticulous and regular auditing	The college is always active on this matter. Internal audit is complete up to the financial year 2013-14.
10	Feed Back Mechanism to collect opinion from all students.	Feedback is obtained from the final year students of the college periodically. Reviews are made on the accumulated feedbacks by the IQAC cell and necessary actions are taken for the better implementation and operating of the curriculum
11	Remedial Programmes, Tutorial Classes and Bridge Courses for disadvantaged stude	The college has been arranging remedial coaching classes for the students who belong to the group of minority, SC, ST and OBC from the academic session 2011-12.
12	More number of good and relevant books to be available for students.	In the last four academic sessions the college has provided Rs. 543,743 to buy 2525 good and relevant books (Hons. & General) for all the departments.
13	More well equipped Laboratories.	Laboratory equipments of Rs. 2772304 have been provided for all the Science departments under new syllabus as per requirement.
14	Construction of Girls' Hostel.	Saleha Khatun Girls' hostel has been constructed with the help of UGC grants.
15	Adequate sports facility for students	The college provides both indoor and outdoor games facilities for the students. Carrom board, Table tennis board etc. have been arranged as indoor games. Besides, sports complex for indoor games is under construction. Cricket, Football matches are organised in the college play-ground. Several competitions on behalf of annual sports also take place in the same play-ground.
16	Well furnished common rooms for boys and girls	There are common rooms for both girls and boys. In the girrls common room the girls can spend time with Carrom board, Ludo, Chess and TT board. there is also toilet inside the girls common room. The boys also enjoy the games mentioned above in their common room. For the storage facility in both the common rooms, almirahs are available for the students. Non teaching staffs are given responsibilities to maintain properly the common rooms for boys

		and girls. They take care of the overall cleanliness and other aspects of the common rooms.
17	More cash counters for students	At present there are two cash counters for the students to facilitate the cash transaction process. In the summer the students do not suffer from the heat when they are standing in the queue as, sheds are provided over their heads.

Besides these, the college responded to the overall evaluation of the NAAC team through various academic and administrative activities for introducing innovations and creating better infrastructure and better environment:

- At the time of 1st NAAC visit there were only 18 (eighteen) classrooms approximately and some of them were in condemned condition. Major portion of the old building was brought down and new buildings were created. Dedicated departmental office, library and honours classrooms attached to the departments were constructed. In all the class rooms the old black boards are replaced by the glass boards with better quality.

- The college emphasized on the use of ICT in academic and administrative works. Every department has ICT facility in their department and classrooms. The number of computer, projector, printer, photocopier, digital cameras increased significantly.

- Some of the faculties of this college have been playing role as editor of different journals published from different institutions. The college has taken resolution in its Teachers Council meeting held in the recent past about the publication of its own journal and accordingly a committee comprising of different members has been formed for the purpose.

- The college with an aim of developing sports talent is actively engaged in the construction of indoor sports complex. The playground under the college campus is also utilised for the outdoor sports. Different activities related with the syllabus of Physical Education department also take place in the same playground throughout the year.

- Infrastructural facilities to students were expanded in terms of making a new boys common room, enhancement of facilities in the Health Centre, drinking water, vehicle stand, security arrangement etc.

- Internet facility was extended to students in various places. Very soon the entire college area is coming under free wi-fi facility.

- On an average 650 students every year receive Merit-cum-Means scholarship, DST Inspire scholarship, Kanyasree grant etc.

- Placement Cell is set up and Placement Officer is appointed. our college has arranged career counseling programs on regular basis in which some of the reputed companies e.g. Concentrix, Techno India visited and recruited some of our final year students in the recent past.

<u>The issues which have not been satisfactorily resolved are the following</u>

Lack of full-time teachers and non-teaching staffs on substantive basis. The college suffers from serious problems in its daily activities due to paucity of the staffs. The college still faces the problem of lack of classrooms and so the expansion works need to be carried out. Teachers need to involve themselves more in research works funded by the UGC. The departments need to organize more seminars on National and International levels with the help of UGC/other govt. grants. The library still needs attention and more qualified staff in the matter of modernization need to be appointed. Orientation programmes for part-time and guest teachers need to be organized. Coaching for West Bengal Civil Service Exams. and for NET and SET needs to be started. PG Courses in certain subjects need to be introduced with proper infrastructural expansion. The departments need to think of introducing career-oriented certificate course complementing the syllabi of the subjects. The drainage system of boys' hostel needs to be improved. The area of the College is not properly defined for a long time. However the college has taken initiative on this matter through the construction of boundary wall in the recent past. The college authority is very much sincere to complete this project within the stipulated time.

Declaration by the Head of the Institution

E-mail: kgp_college@yahoo.co.in
E-mail: kgp_college@rediffmail.com
E-mail: kharagpurcollege@gmail.com

☎ 03222-225920
Fax: 03222-227926
Website: www.kharagpurcollege.ac.in

KHARAGPUR COLLEGE
KHARAGPUR
P.O. – Inda, Kharagpur
Dist: Paschim Medinipur, West Bengal, PIN- 721305.

Ref: KC/NAAC/SSR/2763
From: Dr. Kaushik Kumar Ghosh
Teacher-in-Charge, Kharagpur College

Date: 29/03/2016

Declaration by the Head of the Institution

I certify that the data included in the Self Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the college after internal discussions and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the Peer team visit.

Signature of the Head of the Institution
with seal
Teacher-in-Charge
KHARAGPUR COLLEGE

Place: Kharagpur
Date: 29/03/2016

ANNEXURE

Affiliation Certificate from the Parent University

VIDYASAGAR UNIVERSITY, MIDNAPORE

P.O.: VIDYASAGAR UNIVERSITY, DIST: PASCHIM MEDINIPUR, PIN 721 102, W.B.

Date : February 29, 2016

TO WHOM IT MAY CONCERN

This is to certify that **Kharagpur College, P.O.: Inda, Kharagpur, Dist: Paschim Medinipur, PIN: 721 305, West Bengal** is affiliated to Vidyasagar University since 1985 and recognized by the University Grants Commission under section 2(f) & 12B of the UGC Act 1956 and the following Courses/Subjects are taught in the said college as per approval:

Sl.No.	Course	Affiliation	
		Permanent	Temporary
01	3-year B. A. Honours Degree Course in **Bengali, English, History, Philosophy, Political Science, Hindi, Sanskrit, Geography & Economics.**	Permanent	
02	3-year B. A. General Degree Course in **Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Hindi, Geography, Sociology, Physical Education & Mathematics.**	Permanent	
03	3-year B. Sc. Honours Degree Course in **Physics, Chemistry, Mathematics, Zoology, Botany, Geography & Economics.**	Permanent	
04	3-year B. Sc. General Degree Course in **Physics, Chemistry, Mathematics, Computer Science, Zoology, Botany, Physiology, Geography & Economics.**	Permanent	
05	3-year B. Com. Honours Degree Course in **Accountancy.**	Permanent	
06	3-year B. Com. General Degree Course.	Permanent	
07	2-year Post Graduate Course : **M.A. in Bengali.**	Permanent	

(Dr. Jayanta Kishore Nandi)
REGISTRAR
Registrar
Vidyasagar University
Midnapore-721102

Phone: (03222) 276554/555/557/558   Fax No.: (03222) 275329 / 297
Email : vidya295@mail.vidyasagar.ac.in   Website : http://www.vidyasagar.ac.in

UGC 12(B) & 2f Recognision Certificate

Vidya Sagar University, Midnapore

Name and address of the college	Status	Year of Estb.	Nature of Affiliation	Teaching Upto	Govt or Non Govt	Aided or Unaided
Institute of Education Haldia Vill. Amlat P.O. + P.S. – Sutahata Dist. Purba Medinipur – 721 635 West Bengal	2(f)	2004	Temporary	Bachelor's	Non Government	Unaided
Jhargram Raj College Jhargram District Midnapore - 721 507 West Bengal	2(f) and 12(B)	1949	Permanent	Bachelor's	Non Government	
Kaibalyadayini College of Commerce Midnapore District Midnapore - 721 101 West Bengal	2(f) and 12(B)	1961	Permanent	Bachelor's	Non Government	
Kharagpur College Midnapore District Midnapore - 721 305 West Bengal	2(f) and 12(B)	1949	Permanent	Bachelor's	Non Government	
Khejuri College Baratala, District Purba, Medinipur-721 432 West Bengal	2(f) and 12(B)	1999	Permanent	Bachelor's	Non Government	
Maharaja Nandakumar Mahavidyalaya Vill. Bhabanipur P.O. – Kalyanchak Dist. Purba Medinipur – 721 665 West Bengal	2(f)	2007	Temporary	Bachelor's	Non Government	Aided
Mahishadal's Girls College Mahishadal District Midnapore - 721 628 West Bengal	2(f) and 12(B)	1969	Permanent	Bachelor's	Non Government	
Mahishdal Raj College Mahishadal District Midnapore - 721 628 West Bengal	2(f) and 12(B)	1946	Permanent	Bachelor's	Non Government	
Midnapore College Midnapore District Midnapore West Bengal	2(f) and 12(B)	1873	Permanent	Bachelor's	Non Government	

As on 29.02.2016   CPP-I/C   Page 1271 of 1280

Latest UGC Grant Certificate

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

ज्ञान-विज्ञान विमुक्तये

No. AGW-459/11-12   (ERO) ID No.   WV6-009   Date: 29-Mar-14

The Accounts Officer   S.No. 222242
University Grants Commission
Eastern Regional Office, Kolkata 700 098

Sub : Release of Grant-in-Aid during the Current financial year (2013-14), during XIIth Plan, to

Kharagpur College

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs.   **1940514**
towards the scheme   **Additional Grant (Equipment)**
to the Principal,   **Kharagpur College**
for the Plan expenditure to be incurred during the current financial year as per details given below:

Purpose of the grant O 2nd instalment	Approved allocation (Rs.)	Amount already sanctioned (Rs.)	Amount being sanctioned now (Rs.)	Total grant including the grant now being sanctioned (Rs.)
Additional Grant (Equipment)	4851285	2425642	1940514	4366156
			Total 1940514	

The College is requested to note:
- A. SC concentrated district: SC-15%, ST-7.5%, General (including Minorities)-77.5%
- B. ST concentrated district: ST-15%, SC-7.5%, General (including Minorities)-77.5%
- C. General district: General-77.5%, SC-15% and ST-7.5%
- D. No photocopy of bills/vouchers or the originals and detailed list of purchases should be sent with the accounts submitted unless specifically called for.

2. The sanctioned amount is debitable to Head 1.B-(i)(L)(ii) and valid for payment during the financial year 2013-14 only.
3. The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode as per the following details:

(a) Details (Name & Address) of Account Holder:
Principal,

Kharagpur College

Kharagpur Midnapore (West)

West Bengal   721305

(b) Account No.: 133711100000201

(c) Name & Address of Branch: Andhra Bank, Kharagpur College Branch

(d) MICR Code of Branch: 721011103

(e) IFSC Code : ANDB0001337

(f) Type of Account : SB/Current/Cash Credit.

4. The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
5. The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure
6. The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs,2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time.
7. The Utilisation Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the closing of the current financial year.
8. The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed or encumbered or utilised for the purpose other than those for which the grant was given, without proper sanction of the University Grants Commission.
9. A register of assets acquired, wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.
10. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case of non-utilization/part utilization, the simple interest @10% per annum as amended from time to time on unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

11. The University/College shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC,ST&OBC) and horizontal (for persons with disability etc.] in teaching and non-teaching posts.

12. The University/College shall fully implement the Official Language Policy of the Union Govt. and comply with the Official Language Act, 1963 and Official Languages (used for official purposes of the Union) Rules, 1976 etc.

13. The sanction issues in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No.10-11/12(Admn.IA&B)] dated 28./5/2013.

14. The University/Institutions shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutes, 2009.

15. The University/Institutions shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).

16. The accounts of the University/Institutions will be open for audit by the Controller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

17. The annual accounts i.e. balance sheet, income and expenditure statement and receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

18. Funds to the extent of Rs._____ are available under the scheme.

19. This issue with the concurrence of UGC vide Diary No 514   (UGC) dated 20.08.2013

20. This issue with the approval of _____ vide Diary No. _____ dated _____

Yours faithfully,

(Dr. Mohammad. Arif)
Joint Secretary

. Copy forwarded for information and necessary action to :

1.   Principal,
       Kharagpur College
       Kharagpur Midnapore (West)
       West Bengal   **721305**

       He/She is requested to abide by these instructions/Guidelines of sanction order

2.   Registrar/ Director, Co-ordinator, College Development Council, Vidyasagar   University

3.   Auditor General, Govt. of West Bengal

4.   The Secretary, Higher Education, Govt. of West Bengal

5.   The Director of Public Instructions (Higher Education) Govt. of West Bengal

6.   O

Details of the amount is being released:

General component: Rs.	1503898
SC component:Rs.	291077
ST component: Rs.	145539
TOTAL:	1940514

(Avtar Singh)
Under Secretary

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

ज्ञान-विज्ञान विमुक्तये

No. WG-020/11-12   (ERO) ID No. WV6-009   Date: 22-Jan-15

S.No. 223449

The Accounts Officer
University Grants Commission
Eastern Regional Office, Kolkata 700 098

Sub : Release of Grant-in-Aid during the Current financial year (2014-15), during XIIth Plan, to
Kharagpur College

Sir/Madam,

I am directed to convey the sanction of the Commission for payment of Rs. | 1000000 |
towards the scheme   **Jubilee Centenary grants to Colleges**
to the Principal, **Kharagpur College**
for the Plan expenditure to be incurred during the current financial year as per details given below:

Purpose of the grant Capital 2nd instalment	Approved allocation (Rs.)	Amount already sanctioned (Rs.)	Amount being sanctioned now (Rs.)	Total grant including the grant now being sanctioned (Rs.)
Golden Jubilee	2500000	1250000	1000000	2250000
Total			1000000	

The College is requested to note:
A. SC component: 15%, ST component:7.5%, General component (including Minorities):77.5%
B. No photocopy of bills/vouchers or the originals and detailed list of purchases should be sent with the accounts submitted unless specifically called for.

2. The sanctioned amount is debitable to Head 1.B-(i)g   and valid for payment during the financial year 2013-14 only.
3. The amount of the grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer), University Grants Commission on the Grant-in-Aid bill and shall be disbursed to and credited to grantee as above through Electronic mode as per the following details:

(a) Details (Name & Address) of Account Holder:
Principal,
Kharagpur College
Kharagpur Midnapore (West)
West Bengal   721305

(b) Account No.:133711100000201

(c) Name & Address of Branch: Andhra Bank, Kharagpur College Branch

(d) MICR Code of Branch: 721011103

(e) IFSC Code : ANDB0001337

(f) Type of Account : SB/Current/Cash Credit

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

4. The grant is subject to the adjustment on the basis of Utilisation Certificate in the prescribed proforma submitted by the University/College/Institution.
5. The University/College shall maintain proper accounts of the expenditure out of the grant which shall be utilised only on approved items of expenditure
6. The University/Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs,2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/Guidelines there under from time to time.
7. The Utilisation Certificate to the effect that the grant has been utilised for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the closing of the current financial year.
8. The assets acquired wholly or substantially out of the University Grants Commission's grant shall not be disposed or encumbered or utilised for the purpose other than those for which the grant was given, without proper sanction of the University Grants Commission.
9. A register of assets acquired, wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.

UNIVERSITY GRANTS COMMISSION
EASTERN REGIONAL OFFICE
LB 8 Sector III Salt Lake, Kolkata 700 098

10. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case of non-utilization/part utilization, the simple interest @10% per annum as amended from time to time on unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.

11. The University/College shall follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SC,ST&OBC) and horizontal (for persons with disability etc.] in teaching and non-teaching posts.

12. The University/College shall fully implement the Official Language Policy of the Union Govt. and comply with the Official Language Act, 1963 and Official Languages (used for official purposes of the Union) Rules, 1976 etc.

13. **The grants should not be use for Self-Financing/Unaided Courses.**

14. It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the ERO, UGC, Kolkata.

15. **The interest earned by the University/Colleges/Institute on this grant-in-aid shall be treated as additional grant and may be shown in the UC/Statement of expenditure to be furnished by grantee institution.**

16. The sanction issues in exercise of the delegation of powers vide UGC Order No. 130/2013 [F.No.10-11/12(Admn.IA&B)] dated 28./5/2013.

17. The University/Institutions shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutes, 2009.

18. **The University/Institutions shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).**

19. The accounts of the University/Institutions will be open for audit by the Controller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.

20. The annual accounts i.e. balance sheet, income and expenditure statement and receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.

21. Funds to the extent of Rs._____ are available under the scheme.

22. This issue with the concurrence of UGC vide Diary No 354   (UGC) dated 28.10.2014

23. This issue with the approval of _____ vide Diary No. _____ dated _____

Details of the amount is being released:

General component (3A): Rs.	775000
SC componen (3B)t:Rs.	150000
ST componen (3C)t: Rs.	75000
TOTAL:	1000000

Yours faithfully,

(Dr. G. Srinivas)
Joint Secretary

. Copy forwarded for information and necessary action to :

1. Principal/Teacher-in-Charge,
   Kharagpur College
   Kharagpur Midnapore (West)
   West Bengal   721305
   He/She is requested to abide by these instructions/Guidelines of sanction order

2. Registrar/ Director, Co-ordinator, College Development Council, Vidyasagar   University

3. Auditor General, Govt. of West Bengal

4. The Secretary, Higher Education, Govt. of West Bengal

5. The Director of Public Instructions (Higher Education) Govt. of West Bengal

6. Capital

23/n/15

(Dr. G. Srinivas)
Joint Secretary

NAAC Accreditation Certificate

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

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the

Kharagpur College

Inda, Kharagpur, Dist. Paschim Medinipur
affiliated to Vidyasagar University, West Bengal as

Accredited

at the B^+ level.

Date : March 31, 2007

Director

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

March 31, 2007/407

NAAC Quality Profile

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

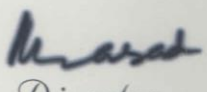An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : **Kharagpur College**

Place : **Inda, Kharagpur, Dist. Paschim Medinipur West Bengal**

| Criterion	Weightage (W_i)	Criterion Score (C_i)
I. Curricular Aspects	100	75
II. Teaching-Learning and Evaluation	400	324
III. Research, Consultancy and Extension	50	28
IV. Infrastructure and Learning Resources	150	128
V. Student Support and Progression	100	78
VI. Organization and Management	100	80
VII. Healthy Practices	100	67
Total	$\Sigma W_i = 1000$	$\Sigma C_i = 780$

$$\text{Institutional Score} = \frac{\Sigma C_i}{\Sigma W_i} \times 100 = \frac{780}{1000} \times 100 = 78.00$$

Date : *March 31, 2007*

Director

March 31, 2007/407

Drawing of Master Plan of the College
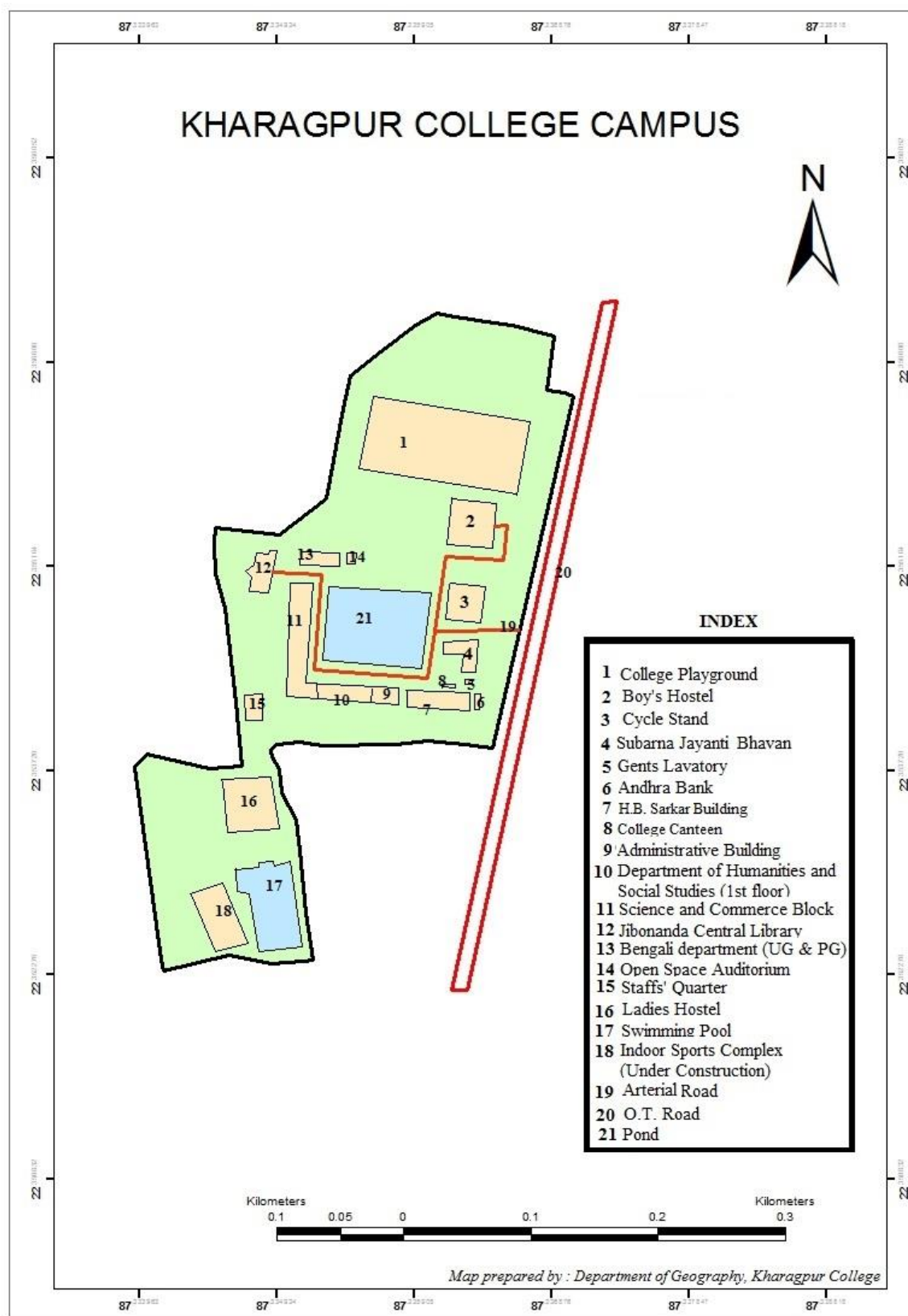
Compliance Certificate

E-mail: kgp_college@yahoo.co.in
E-mail: kgp_college@rediffmail.com
E-mail: kharagpurcollege@gmail.com

☎ 03222-225920
Fax: 03222-227926
Website: www.kharagpurcollege.ac.in

KHARAGPUR COLLEGE
KHARAGPUR

P.O. – Inda, Kharagpur
Dist: Paschim Medinipur, West Bengal, PIN- 721305.

Ref: KC/NAAC/SSR/2762
From: Dr. Kaushik Kumar Ghosh
Teacher-in-Charge, Kharagpur College

Date: 29/03/2016

Certificate of Compliance

(Affiliated Colleges and Recognized Institution)

This is to certify that Kharagpur College, Kharagpur - 721305, West Bengal fulfills all norms

1. Stipulated by the Vidyasagar University, Midnapore - 721102
2. Regulatory Council/Body - University Grants Commission and
3. The affiliation and recognition is valid as on date.

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

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

Date: 29/03/2016
Place: Kharagpur

Head of the Institution
(Dr. Kaushik Kumar Ghose)

Teacher-in-Charge
KHARAGPUR COLLEGE

"*Oh, preceptor of the Gods!*

Initiate us, guide us to Thy path.

We pray for it like the mendicants".

-RABINDRA NATH TAGORE