

SELF-STUDY REPORT (SSR)

Submitted to
NAAC December, 2015
for Re-Accreditation (Cycle 2)



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CHAKDAHA COLLEGE



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Chakdah College
Chakdah, Nadia
West Bengal - 741222

Acknowledgement

Chakdaha College “Self Study Report (SSR) – 2015”

Prepared by

The Team of the College IQAC

&

The College NAAC Steering Committee

Approved by

The Governing Body, Chakdaha College

The Team of Chakdaha College IQAC & the NAAC Steering Committee received with thanks invaluable inputs from all the Teachers, Non-Teaching Staff, Students, Alumni, Parents, and Local Community.





CHAKDAHACOLLEGE

P.O.- Chakdaha, Dist.- Nadia, Pin.- 741222

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Accredited by NAAC ::: Affiliated to University of Kalyani

Website: www.chakdahacollege.ac.in/www.chakdahacollege.in :::: E-mail: chakdahacollege1972@gmail.com

Ref.CC/144/SSR/20165

Date: 29.12.2015

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

Sub: Uploading of Self Study Report 2015 in the College website for 2nd Cycle of NAAC re-accreditation of Chakdaha College

Dear Sir,


I would like to inform you the we are uploading the Self Study Report (SSR) of our college for the 2nd Cycle of NAAC accreditation of Chakdaha College, Nadia, West Bengal (NAAC Track ID : WBCOGN13583) in our College website www.chakdahacollege.ac.in. The hard copies of SSR will reach you within the stipulated time.

This is for your kind information and necessary action.

Yours sincerely,

Date: 29.12.2015
Place: Chakdaha College
Chakdaha, Nadia




(DR. SWAGATA DASMOHANTA)
Principal/Head of the Institution
(Name and Signature with Office Seal)

Principal
CHAKDAHACOLLEGE





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Ref.

Date: 29.12.2015

Certificate of Compliance

(Affiliated/~~Constituent~~/Autonomous College and Recognized Institution)

This is to certify that the Chakdaha College fulfils all norms stipulated by the affiliating University, University of Kalyani, Nadia, West Bengal and recognized by the UGC and 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 case may be.

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the undertaking submitted by the Institution is found to be false then the accreditation given by NAAC is liable to be withdrawn.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

Date: 29.12.2015

Place: Chakdaha College
Chakdaha, Nadia




(DR. SWAGATA DASMOHANTA)
Principal/Head of the Institution
(Name and Signature with Office Seal)

Principal
CHAKDAH COLLEGE





PREFATORY SUBMISSION TO NAAC

I deem it an honour and privilege to submit, on behalf of Chakdaha College, this Self-Study Report (SSR)-2015 to the National Assessment And Accreditation Council (NAAC), Bengaluru, India for Re-Accreditation of the College in order to upscale and update its Index on NAAC yardstick.

During the entire process of SSR preparation, we spared no pains to remain faithful, self-analytical and precisely informative regarding the data-input in the report. It would be no travesty of truth to say, in this respect, that the best collaborative efforts of the members of the College IQAC and NAAC Steering Committee, backed by Non-Teaching Panel, have gone into making this SSR-Report.

I extend my sincerest and thankful appreciation to all my esteemed colleagues, endeared students, alumni, parents and locals as well for their unstinted co-operation and association with the College.

In fine, I, as Principal and Representative of the College, cordially invite the Hon'ble NAAC Visiting Members to accept our hospitality and best possible services at their earliest convenience for inspection, assessment and Re-Accreditation of Chakdaha College, Nadia, West Bengal, PIN-741222.

Warm Regards,

Dr. Swagata Das Mohanta
Principal,
Chakdaha College, Nadia
West Bengal - 741222



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VISION:

1. To make the college a leading higher learning institute.
2. To impart education in all contemporary basic fields with subject-wise specialization.
3. To sustain as well as to enhance the quality of education.
4. To help the neighboring society in all feasible ways.
5. To impart value-based education to make the students responsible citizens in future.
6. To maintain transparencies in all college activities.

MISSION:

To impart quality higher education to students in and around Chakdaha through proper evaluation, promotion, modernization and sustenance activities to create a self-dependent, benevolent society, purged of all superstitions.

OBJECTIVES:

1. To provide opportunities of education and skills through various branches of knowledge of Arts, Commerce and Science.
2. To enhance employability of the students through innovative educational environment.
3. To enable students to develop a sense of culture and morality.
4. To develop a spirit of social commitment.
5. To give edge to the global competence of the students through well-equipped infrastructure and technology based education.
6. To encourage students to exhibit their artistic talents and skills through extracurricular activities.

The Committees		
The Governing Body		
1	Sri Dipak Chakraborty	President
2	Dr. Swagata Das Mohanta	Principal & Secretary
3	Sri Abhoy Biswas	Govt. Nominee
4	Smt. Mili Haldar	University Nominee
5	Dr. Indrajit Lahiri	University Nominee
6	Dr. Ajoy Paul	Teachers' Representative
7	Dr. Sadasiv Chakraborti	Teachers' Representative
8	Dr. Paritosh Biswas	Teachers' Representative
9	Dr. Amit Chakraborty	Teachers' Representative
10	Sri Asok Kumar Mukherjee	Non-Teaching Representative
11	Sri Nirmal Ch. Talukdar	Non-Teaching Representative
12	Sri Sanjib Kar	Students' Representative

Internal Quality Assurance Cell		
1	Dr. Swagata Das Mohanta	Principal, Chairperson, IQAC
2	Dr. Arun Kr. Nandi	Co-Ordinator, IQAC
3	Prof. Aliul Hoque	Secretary, Teachers' Council
4	Dr. Partha Karmakar	External Expert Member
5	Prof. Kunal Bannerjee	External Expert Member
6	Dr. Ajoy Paul	Teacher Member
7	Dr. Partha Dutta	Coordinator, NAAC
8	Prof. Madhumita Das	Teacher Member
9	Dr. Anjan Sengupta	Teacher Member
10	Dr. Paritosh Biswas	Teacher Member
11	Sri Asoke Kr. Mukherjee	Head Clerk
12	Sri Sanjib Kar	GS, Students' Union
13	Sri Sujash Karmakar	Alumni Member

NAAC Steering Committee		
1	Dr. Swagata Das Mohanta	Chairperson & Principal
2	Dr. Partha Dutta	Coordinator
3	Dr. Arun Kr Nandi	Co-ordinator, IQAC
4	Prof. Aliul Hoque	Secretary, Teachers' Council
5	Dr. Jay Sankar Basu	Member
6	Dr. Anjan Sengupta	Member
7	Dr. Saikat Sarkar	Member
8	Dr. Siddhartha Dutta	Member
9	Prof. Sarbajit Paul	Member
10	Prof. Madhumita Das	Member
11	Dr. Paritosh Biswas	Member
12	Dr. Sahanous Mallick	Member
13	Prof. Abhijit Biswas	Member



Evaluative Summary:

Criterion I: Curricular Aspects:

1.1. Curriculum Planning and Implementation:

CHAKDAHA COLLEGE, affiliated to the University of Kalyani, was born on the 21st of November, 1972 in the cradle of suburban Bengal and has grown over the years into a leading and prestigious Under -Graduate College in Humanities, Science and Commerce streams with the provision of both Honours and General Courses. The college provides a Study Centre of Netaji Subhash Open University (Code No. 06) with UG and PG Courses since 1998.

The vision, mission and objectives of the college are communicated through the College Prospectus and college website. The college is strategically located, serving the academic needs of students from Chakdaha town and a vast hinterland.

The college imparts education to the students of different disciplines in an effective way with a strong co-ordination between the surrounding community and academy. This is achieved through regular interaction between students and teachers, alumni and parents, teacher-student orientation programmes held frequently.

As an affiliated College, Chakdaha College meticulously plans and effectively implements the curricula, designed and developed by the Kalyani University, college faculty members who participate in the meetings of Board of Studies, workshops /seminars, relating to curricula-revision, development and preparation of study materials as per new syllabi, as and when required. The college also constantly operates links with UGC for research funding through the application of MRP (Major&Minor), and with MHRD, GOI for AISHE. Finally, the College tries to implement its missions and objectives of curricula through constant supervision, monitoring and self-assessment. The Teachers' Council of the College is entrusted with the task of reviewing the matters relating to the curriculum implementation and its outcome.

1.2. Academic Flexibility:

The College has little scope to provide academic flexibility in terms of range of core and elective subject options as they are laid down or prescribed by the University in its UG Admission Rules. To promote higher education in all major disciplines, the college offers to the students the following courses: Arts with eight (8) subjects, Science with six (6) including Computer Science subjects, and Commerce, alongside NSOU- Distance Education courses. The success rate of this centre is more than 90% in UG level and 98% in PG courses.



1.3. Curriculum Enrichment:

The College ensures the implementation of University's curriculum in the best possible way. The institution has taken some steps to enhance knowledge-based skill in modes of culture and morality like Community Service, provided by College NSS Unit. There is no scope for the college to enrich or moderate curriculum, as it is done by the University. However, within its own ambit the college undertakes all feasible measures to diversify and enrich students' knowledge and awareness in order to equip them for the modern, fast-changing society. This objective is achieved by deputing faculty members to participate in orientation/refresher courses/training programmes, short-term courses, and workshops on curriculum development, examination reforms, quality initiatives, and management issues. All these measures reflect the teaching standard and benefit the students.

The College is co-educational. Students hail from different socio-economic backdrops. The college integrates the cross cutting issues of gender, climate change, environmental education, human rights, ICT etc. through various programmes and cultural functions, such as, transparent policies in every sphere with opinions and suggestions from all the constituents of the college, Grievance Redressal Cell, Seminars related to the issues of Human Rights and the Environmental Issues. There is also a compulsory subject on Environmental Studies of 100 marks for all 1st year students so as to enhance the students' awareness of employability in the job markets.

1.4. Feedback System:

There are both formal and informal systems for overall feedback from different stakeholders. College Website (www.chakdahacollege.ac.in), mail-feedbacks and filling in of career and counselling-feedback forms by students are formal and regular practices. Informal feedback is done through observations, suggestions, and comments by peers and experts etc. The college, in responding to demands as transpiring from feedback introduced the following subjects: Geography Honours Course, introduced in 2011-12; Sanskrit General Course in morning section in 2011-12, three subjects, viz Philosophy Honours, Education General and Computer Science, introduced in the current academic session (2015-16).

On the recommendations of the NAAC Peer Team, steps have been taken such as the use of ICT in Teaching-Learning procedure, Remedial Coaching Classes, Coaching for Entry in Services, Computerised Cataloguing and other automated library services with internet facilities.

Suggestions have been forwarded to the University of Kalyani for PG courses in Bengali, English, History and Pol. Science on 15.12.2015.



Criterion II: Teaching, Learning and Evaluation

2.1. Student Enrolment and Profile:

Detailed notification and relevant information regarding admission are made available through the college- website and the college notice-board. Admission in the UG courses is based on the merit-cum-performance at the 10+2 qualifying examination and reservation as per rules of the government and the affiliating University.

2.2. Catering to Student Diversity:

Students who are challenged physically or otherwise are taken care of by the staff and teachers in every possible way. The Institution makes an assessment of the need of the students in terms of knowledge and skill before the commencement of the programme in different ways. Various strategies are deployed by the Institution to bridge the knowledge deficiency of the students to enable them to cope up with the programmes of their choice. The college sensitizes its staff and students on issues, such as gender, social awareness, environment etc. The institution identifies and responds to the special education and learning of advanced learner in all possible ways. The College also adopts different procedures to reduce the number of drop-out students.

2.3. Teaching-Learning Process:

The College plans and organizes the teaching, learning and evaluation schedules in a systematic way. The effective implementation of management and quality in teaching and learning is planned by the IQAC. Learning is made more students friendly by adopting various modern methods alongside the traditional lecture method. The College nurtures critical thinking, creativity and scientific spirit among the students to encourage them to be life-long learners and innovators. The student and faculty are exposed to advanced level of knowledge and skills through various activities. The College library resources are used to augment the teaching-learning process, the quality of which is evaluated by the College.

2.4. Teacher Quality:

To meet the growing demand of qualified senior faculties, the college has adopted the practice of knowledge up-gradation of the teachers. The Institution sends a number of faculties for enhancing their quality. Various policies/systems are in place to recharge teachers. The teachers are evaluated by students in different ways.

2.5. Evaluation Process and Reforms:

The College ensures that all the stake-holders of the institution are made aware of the evaluation process. The examinations are conducted as per the University rules and regulations. The Institution further ensures effective implementation of the evaluation reforms of the University and those initiated by the Institution itself. Various steps are taken to measure student achievement in curricular, co-curricular and extra-curricular fields. Different mechanisms are adopted for the redressal of grievances with reference to evaluation both at the College and the University level.



2.6. Student Performance and Learning Outcome:

Seminars, discussions and different programmes are held so that the staff and students become aware of the aims and objectives of the College. The Institution monitors and communicates the progress and performance of the students throughout the tenure of their courses/programmes. Teaching, learning and assessment strategies of the Institution are structured to facilitate the intended success of the students. Initiatives are taken by the Institution to enhance the social and economic relevance of the courses offered. The Institution collects and analyses data on student performance and learning outcome and uses it for planning and overcoming barriers in learning. It monitors and ensures the target-achievement. The college and its teachers use post-assessment/post-evaluation findings / observations as indicators of student performance.



Criterion: III

Research, Consultancy and Extension

3.1. Promotion of Research:

The College has a 'Research & Publication' sub-committee for publication of articles. Four teachers are acting as supervisors of Ph.D. researchers in different fields of Science, Arts & Commerce and nine teachers undertook MRP during this period. Two of the faculty members are engaged in their own Ph.D. works and three teachers have been awarded Ph.D. Degree. Nine UGC-sponsored National and State level Seminars have been organized by our College. Many eminent academicians and researchers visited this College and delivered their valuable lectures to teachers and students.

3.2. Resource Mobilization for Research:

The College does not have any research center but the members of the staff of various departments frequently interact with one other by organizing interdisciplinary seminars and departmental discussions. Many of the teaching staff run their MRP by using available equipments, computers with internet facilities and library resources.

3.3. Research Facilities:

This Institution is meant for undergraduate studies and so it has a limited scope for research. The Institution provides some basic infrastructural and instrumental facilities to carry out different research projects. The faculties are enriched by sharing their views with eminent academicians during the seminars organized in the College. Some UG students perform summer projects at reputed institutions and the University of Kalyani.

3.4. Research Publication and Awards:

The faculty members, Principal and librarians of our college did 167 number of publications which include papers in peer reviewed National & International Journals, Book-Chapters, Books, Editorial Volumes, Conference Proceedings etc. Three of our faculty members have been awarded Ph.D. degree during the years 2010-2015 and two others are pursuing their Ph.D. work during this period.

3.5. Consultancy:

At present there is no direct college-industry relationship but all the members of the teaching staff are available to provide consultancy service on honorary basis.



3.6. Institutional Social Responsibility (ISR) and Extension Activities:

The Institution is quite aware of its responsibility and commitment towards the development of the society and so the Institution arranges many programmes round the year to promote neighborhood-community relationship. The students of NSS and NCC units of this College render their selfless extension service towards the neighborhoods to uplift it socially and educationally. The 'Women Cell' (Nari Samsad) is also engaged in extension and outreach programmes to fulfill its motto to make the female students and their families live a safe and healthy life. Besides, the NSS and NCC units carry out many National and State level activities throughout the year. The 'Women Cell' (Nari Samsad) and 'Equal Opportunity Cell' also ensure the girl students to lead a safe, healthy and hygienic life by organizing seminar on "Anti-Human Trafficking" and "Healthy life style of Women". Moreover, the Students' Union organizes many social programmes throughout the year.

3.7. Collaborations:

A number of seminars, conferences, workshops have been successfully organized by the various departments of the College, which serve as a common platform for interaction with the eminent academicians of different reputed institutes. The College has already signed a MOU with 'NIELIT' to run a computer centre at the College campus. Another MOU was signed between NSOU and the College to run its study centre. Moreover, very recently another MOU was made between this College & Reliance JioInfocom Limited to provide telecommunication services and bring the campus into wi-fi connection.



Criterion: IV

Infrastructure and Learning Resources

4.1 Physical Facility:

The College is situated 1 Km away from Chakdaha Railway Station, on Sealdah - Krishnanagar Suburban Railways. It is 10 minutes' walk from the Station. The College is well connected by roads also. It is 2 and a half Kms. from National Highways-34.

Infrastructural facilities

(a) Building:

- ◆ College Old Campus Area: **2.53 acres.**
- ◆ College New Campus Area: **7200 Sq. Ft. / 669 Sq. Meters. (Vacant land)**
- ◆ Total Built Up Area: **5882.06 Sq. Meters.**

(b) Infrastructure details:

Total Class Rooms: 34;

Class Rooms with LCD Facilities: 02 (01 in New Science building; 01 in Computer Lab);

Smart Class Room: 02 (01 in Seminar Hall in Commerce building, 01 in Science I);

Laboratories (Science, Commerce, Social Science and Languages): 11 (Ch. 04; Ph. 02; Bot. 02; Zoo. 02; Comp. Sc. 01);

Computer Laboratories: 01;

Laboratories with Computer/s & Internet Access for teachers and Students: 02 (01 in Computer Lab & 01 in Central Library);

Seminar Halls: 02 (01 in Science Building, 01 in Commerce Building);

Central Library: 01;

Administrative Office: 01 NAAC Steering Committee Co-ordinate's room, 01 IQAC Co-ordinate's room, 01 Librarian's room, 01 Accountant's room, 01 Bursar's room, 01 NCC ANO's room, 01 NSS Programme Officer's room;

Non-teaching recreations: 01;

Canteen: 01;

Medicinal Plant: 01 located in South-West Corner of the Campus;

Girls' Common Room: 01 adjacent to Staff Room;

Boys' Common Room: 01 besides Canteen

Generator / UPS, Water Purifiers: **Generator:** 02;

Water Purifiers: 08 (01 in Staff room, 01 in Library, 02 in Old Science building, 01 in Administrative office, 01 in Principal's Chamber, 01 in Girls' Common room, 01 in Canteen); **Water Purifier cum Cooler:** 01



4.2 Library as a Learning Resource

Reading Room in Library:

Total area of the library is 284 sq. meters. Total seat arrangement in the library reading room is 50. Working hours for day section is 10.30 a.m. to 5 p.m. except Sundays and Holidays, whereas the working hours for morning section is 8.30 a.m. to 10.30 a.m. except Tuesdays, Sundays and Holidays.

Library Books/Journals purchasing system & holdings:

At the beginning of every academic year, all the HODs are asked to give the list of books, required for the departments. Firstly, teachers submit the list for books, journals and magazines to the HODs. The list of the books is sent for approval to Library Advisory Committee. The management is generous in sanctioning funds for the purchase of books and the library ensures use of current titles, print and e-journals and other reading materials. Total number of holdings in Library in 2014-15 is 25,165 books & 113 Journals. Total no. of books purchased during the sessions 689, 1160, 1660 respectively in 2011-12, 2012-13 and 2013-14. Total cost against the text books & references was 26, 820/- in 2014-15, whereas the amount was Rs. 19,410/- for journal and periodicals and Rs. 5,000/- was for N-List programmes. E-resources were utilized from the libraries of the Colleges of the parent institute.

4.3 IT Infrastructure:

Extensive use of ICT resources to procure and maintain the required equipment and accessories like LCD projectors, CDs, Smart Boards, Smart Classrooms and INFLIBNET / ICT facilities are provided by N-List programme. Optimum use of computer technology is done through teaching lessons using LCD projectors, screening of academic movies, simulations on subject related topics. All this are used to focus on the development of learner-friendly study techniques. Students have access to e-learning resources.

The College always focuses on user-friendly, student-centric teaching-learning. The College provides internet facility to students. Equipments like LCD projectors have greatly eased the learning process of students. Students complete their practical slips using PPTs and online tutorials. The college has smart classrooms. Students are encouraged to use ICT through competitions like Power-Point presentations

4.4 Maintenance of Campus Facilities:

Committees have been formed with personnel's and officials for supervising the maintenance of classrooms, laboratories and other campus facilities. A number of the campus specific initiatives, undertaken to improve the physical ambience, are as follows: campus development & beautification committee, grievance and redressal cell, committee for staff room amenities, examination committee and library committee.



Criterion: V

Student Support and Progression

5.1 Student Mentoring and Support:

To promote the academic standard of the institution, Chakdaha College has undertaken some steps such as tutor-mentorship, remedial teaching for the slow learners, counseling (academic, personal and psycho-social), training for competitive examinations to enable the students to seek jobs in Government and Non-Government sectors (on and from 01-01-2008) other than certification, felicitation, provision for special coaching-classes and guidance, waive of fees.

5.2 Student progression:

The College tries its level best to extend financial support to as many students as possible per year. Concession of tuition fees to the poor but meritorious and regular students, free studentships, scholarships, implementation of Reservation (as per Government norms), travel concessions, free UGC-Sponsored remedial coaching-classes, access to computers, preservation of sustainable good practices that effectively support the students and facilitation of optimal progression, lecture-notes / study-materials, departmental library facilities, bi-lingual explanations, impetus given especially to female students for higher education, tutorials, Career Counseling, Constitution of Equal Opportunity and Women Cell (NARI-SAMSAD) are provided by the Institution.

5.3 Student Participation and Activities:

The College Authority, within its limited resources / means, provides scope for sports, games, cultural and other extra-curricular activities, social functions, performing arts, FIRST-AID Treatment. To create an awareness of health, the NSS Unit organizes seminars in intervals on the issues, related to social and health awareness (e.g., AIDS, Drug-menace, Arsenic toxicity, human trafficking, etc.). Again for the awareness of the fatal disease, Thalassemia and its detection, workshops have been arranged in the College in collaboration with Ranaghat Thalassemia Detection Society in the years 2013 and 2015. The workshops were followed by Blood-test programmes and distribution of certificates among the students. Students' Union organizes Freshers' Welcome, Annual Sports, Annual Socials, Blood Donation camps, the latest of which was held on 26th Feb. 2015. Renowned faculties, experts, and physicians are usually invited to deliver lecture-demonstrations on these occasions. The College also encourages students to publish departmental magazines and wall magazines.



Criterion: VI

Governance, Leadership and Management

6.1 Institutional Vision and Leadership:

The vision of the Institute is to impart quality higher education to the students of Chakdaha College through proper evaluation, promotion, modernization and sustenance activities to benefit the society and grow its self-dependence. To achieve this long-term aspiration, the institution is very much eager to introduce value-based, contemporary education with subject-wise specialization which will make our students responsible, future citizens, maintaining transparency in all college activities.

Overall leadership is vested in the hands of Governing Body (GB). GB assigns this leadership to the Principal to conduct day-to-day work without any hazards. Principal in consultation with the HODs of different departments and other stakeholders takes the decision for the smooth functioning of the Institution.

6.2 Strategy Development and Deployment:

The Governing Body and the Teachers' Council formed several committees, both statutory and non-statutory, for proper implementation of perspective plan regarding admission, examination, extension activities and publication, encouraging research activities, infrastructural developments, cultural and sports activities etc. The institution has constructed an internal, organizational structure, headed by Principal to negotiate with different departmental heads and non-teaching staff to perform all the organizational activities effectively and efficiently. All the conveyors and co-coordinators of the committees report periodically to the Principal or the TC secretary. To make the curriculum more effective and interesting to the students, the College introduced a number of mechanisms like academic calendar, Power- Point presentation, excursions, practical classes etc. The College has also upgraded the laboratory status in different departments in order to meet the demands of modern syllabi. In this way, the internal system of the college ensures a healthy mode of activities from the bottom to the top or vice versa.

6.3 Faculty Empowerment Strategies:

The institution has introduced various strategies for faculty development such as organizing seminars, granting permission for presenting research papers in the seminars, conferences or workshops, innovative knowledge and views shared across the departments, promoting research activities through minor or major research projects etc. The College gives permission to teachers for attending and participating in various faculty improvement programmes like Refresher Courses, Orientation Programmes, and Short-term Courses etc. The College formed a research cell 'The Centre for Academic Programme and Research' (CAPR), for research publication, project promotion and nurturing the research culture. Every year all the faculty members are to submit their self-appraisal reports and the Institution gives them a blank exposure to enrich their knowledge and creativity.



6.4 Financial Management and Resource Mobilization:

Continuous efforts are being made by the Institution and the faculty members to arrange additional fund from different sources and their endeavor is highly appreciable. The Institution has GB-nominated finance committee and purchase committee to evaluate and monitor the various grants received from UGC, government or any other sources. According to the need of each segment of the College, finance committee approved the requirement with the concurrent approval of the GB. Every year budget is prepared, thoroughly scrutinized and regularly audited. The college has internal audit mechanism and successfully completed the external audit by the panel auditor.

6.5. Internal Quality Assurance System (IQAS):

IQAC works as a sub-committee of TC after the first accreditation in 2008. After that as per the revised guideline of the UGC in 2013 the College reconstructed IQAC on 27th June, 2014 and developed Internal Quality Assurance Committee (IQAC) as a cell. It is composed of different stakeholders' representatives and external experts. IQAC continuously develops the various creative and innovative ideas to bridge the gap between modern teaching and learning process. It also co-ordinates with different stakeholders and communicates information through college notice board and website. IQAC regularly takes the suggestion from students, alumni, teachers, and non-teaching staff and from others for the betterment of the College. Several major attempts have been taken by IQAC; almost all are approved by the management council. Programmes like Library automation and digitization, smart classes, laboratory up gradation with modern equipment, separate departments for all subjects, technology oriented online admission procedure, construction of conference room etc. are fully completed and some are under process.



Criterion: VII

Innovation and Best Practices

7.1 Environmental Consciousness:

Awareness of environment and to keep it pollution-free is a global challenge now-a-days. Our Institution, with its limited resources, has also been trying during 2011- 2015 to abate pollution and develop an awareness among the students to keep their campus and outside pollution-free. The NSS Unit and NCC Wing play a vital role in cleaning the college premises, mowing the weeds and hedges and planting saplings from time to time. Besides, as measures of environmental consciousness, the College has, on its own enterprise, installed a green-generator to reduce air-pollution, prevented carbon dioxide emission to a great extent and prohibited the parking of two or four wheelers in the campus so that the fuel of the vehicles cannot contaminate the fresh air. For energy-conservation, no electrical equipment or gadget is allowed to run on after their use is over. Teachers and members of the staff also inculcate a habit of energy conservation among the students so that they switch the lights and fans off while quitting the classrooms. To reduce the electricity-consumption, the corridors and wash-rooms are fitted with CFLs. Out-dated and out-of-order computers, refrigerators and wastes of the Department of Chemistry are disposed of accordingly to avoid pollution.

7.2 Innovations:

All the innovations, introduced in last four years, are in keeping with the demands of time. One smart class room; use of ICT (mainly in Science Departments) in teaching-learning, public-address-system, audio-system, departmental libraries; extension of science building, opening of own website of the college, teacher-student interactions, computerization of library are some of the innovations that may not sound adequate, but financial and infrastructural limitations prevent our college from implementing many others. Again, computerization of the entire administrative work is a remarkable innovation. Some other academic innovations in the said period (2011-2015) like remedial coaching classes for SC /ST/ OBC students, 'Entry in Services' classes for the same categories, carrier counseling programmes (by NSS Unit), field works and excursions in some departments, up-gradation of laboratories, science exhibitions, transparent admission procedures are mention-worthy.



7.3 Best Practices:

Two best practices are: (i) testing facilities of water and soil (both Chemical and microbiological) and (ii) community service and health awareness programmes, organized by NSS Unit, NCC Wing, NARI SAMSAD and Students' Union together with different faculties and students. These were exercised to the best of the intention of the college during the period- 2011- 2015. In a College of more than five thousand students, studying in day and morning sections and that too with an acute shortage of staff, it is quite time-consuming to run these practices, mentioned in criteria VII. The practices aim chiefly at orienting and motivating the students and the community around. The vicinity of the College with its not-so-well-off socio-economic background requires more of such awareness-programmes.

As in any institution of higher education that desires an all-round development of its learners, best practices remain incomplete sans the consciousness of their immediate environment that includes cleanliness, waste management, no-plastic and no-smoke zones inside the College and outside. Procurement of instruments like laminar airflow, glassware and necessary chemicals, setting up a laboratory, holding seminars are some positive steps in this regard. Seminars on arsenic detection, water pollution and adulteration were held during this tenure. Protocols, procedures and methodology (both ISI and European Standards) were maintained with success. People in the neighborhood have become more aware than before as to the testing of their potable water and its source.

Best practice (ii) again emphasizes the maintenance of good health, sound character, leadership quality and adventurous spirit among the students. Besides, students' participation in multifarious social, cultural and athletic events during 2011- 2015 deserves mention. The NSS Unit and NCC Wing have been always instrumental in encouraging the pupils. NARI-SAMSAD focuses on the healthy life-style of women as the majority of them comes from lower middle-class backgrounds and hence suffers, most often, from the lack of provisions of proper sanitation and hygiene. Many of the female students here are also first-generation learners in the field of higher education. The Students' Union also works positively on compassionate grounds. Of late, the union has proposed to donate as much funds as possible to both NSS and NCC.

Overall, the College keeps a vigilant eye on the above-mentioned practices and their progress with the involvement of the Principal, the teaching-staff, the non-teaching-staff and last but not the least the students.



SWOC Analysis

On 15th April, 1972, the-then Deputy Speaker of W.B Assembly Sri Haridas Mitra announced that considering the legitimate demand of the people of Chakdaha, the process of foundation of a college at Chakdaha would start soon. Considering the pulse of the people Chakdaha College was established on 21st November, 1972. The College endeavours to enable its students for the preparation of their career with their full potential and to inculcate on them the spirit of intellectual enquiry, independent thinking and an ethical mind-set. The principle of the Institution is to nurture the human qualities as well as the professional abilities of the students so that they emerge as responsible, conscious citizens of this globalized world.

STRENGTH

The Mission of the College: to impart quality higher education to students in and around Chakdaha through proper evaluation, promotion, modernization and sustenance activities to create a self-dependent, benevolent society free from all superstitions and to develop lifelong learners equipped with competencies, nurtured through integration of academic learning with a socially conscious outlook and the utmost tolerance - a perpetual source of strength for all stakeholders. This is well reflected in the entire environment of academic and extension activities of the College, which are designed not just for employability skills, but also for a sense of compassion & sensitivity among students.

The Internal Quality Assurance Cell (IQAC) of the College has been set up in post-accreditation (Cycle I) period and it plays a vital role in ensuring quality in education through various quality enhancement measures and monitoring mechanism.

The College has dedicated and competent faculties who always extend their heartfelt co-operation to the students and other stakeholders. More than 58% of the teaching staff are Ph.D. and M.Phil. degree holders whereas a large number of teachers has prestigious publications to their credit.

The teaching learning process moves beyond the confines of the class rooms and even beyond the assigned tutorial classes. The teachers willingly make themselves available to the students even after the mandatory teaching sessions. Class tests on regular basis are held by each department and the strong as well as weak section of students are deliberately identified for special attention.

The Governing Body is, no doubt, one of the effective pillars of strength for the college. It generates impetus needed for robust and unhindered functioning of the Institution.

Various Sub-Committees of the Teachers' Council, i.e., academic, admission, routine, library, examination, laboratory etc. have been functioning for overall mentoring of the students-related matters. Committees like campus development and beautification, staff- room amenity etc. monitor for the maintenance institutional environment. Committees like sports, culture, grievance & redressal cells, students' aid fund, counselling & placement cell act for promoting the students' progression. Lastly, committees like research publication, seminar workshop are for promoting the faculty development and enriching research orientation.



We are much conscious of the society around. NSS and NCC serve the community as per their need. NSS organises the Special Annual Camp every year in neighbouring villages, other than in College. Fieldwork on socio-economic studies of the locality, free health-check up and free distribution of medicines, eye check-up camp followed by arrangement of Cataract operation, attracting children to cultural activities like sit-n-draw competition, recitation competition, dance competition, play performance, awareness programme for blood donation, plantation, campus cleaning through setting up dustbins, health awareness programme etc. are regularly conducted. The NCC unit organizes Basic Leadership Camp (BLC), Local Republic Day Camp (LRDC), National Integration Camp (NIC) etc.

A highly motivated and responsible body of students is another pillar of strength in our college. The entire spectrum of co-curricular and departmental activities is brilliantly managed by students. The innovative and entrepreneurial approach of the student body towards overall management is an outstanding feature of the college.

The College has one hostel for boys. Girls' hostel is under construction. So the learners from distant area get the opportunity to stay at hostel at minimum costs.

WEAKNESS

Our College is situated in agro-based urban area and most of our students are the first generation learners in higher education.

Lack of adequate space and infrastructure is our major weakness to provide well-equipped departmental office as well as administrative set up. Non-availability of modern auditorium and conference rooms hinders the college from organizing national and international seminars and workshops.

Acute shortage of teaching faculties is another significant weakness. The process of appointment of teachers in substantive posts is regulated centrally by the West Bengal College Service Commission and the College authority, therefore, has no room for running the system. A few departments with Honours courses run with inadequate sanction of the permanent posts, and as the sanction of the permanent teaching posts depend entirely upon the policy of the Department of Higher Education, Government of West Bengal; we have no scope to fulfil the demand. So the College authority has to bank on the Guest Lecturers, appointed purely on temporary basis.

Lack of sports infrastructure within the college premises is one of our major weaknesses. Rehearsals and Practice sessions of extra-curricular activities have to be scheduled after the regular college hours so that classes take place in an undisturbed, noise free ambience. Till now, there are no postgraduate departments in our College. The students have to go to their mother university for their post graduate studies. But a negligible number of successful students of our college can avail the chance to study the P.G. courses. As a result, a huge number of students is bound to continue their P.G. studies through the distance mode of learning, like DODL of the University of Kalyani, NetajiSubhas Open University etc. We have no study centre of Indira Gandhi National Open University. So a few number of students are deprived of their learning in a Nationally Reputed University System.



Disadvantage coupled with infrastructural constraints are major obstructions in forging productive partnerships with industry, research bodies and international collaborations with foreign Universities.

The College has a staff quarter, but has and no quarter for the faculty. Under such circumstances, the faculty members from distant areas of the district and the neighboring districts have to stay in rental houses in the neighborhood of the College.

OPPORTUNITIES

An amount of Rs. 7, 00,000/- (approx.) has been sanctioned by the Government of West Bengal for the establishment of Gymnasium. It will be a great opportunity to promote the health consciousness among the students and the staff.

The College is willing to introduce the postgraduate courses in subjects of social sciences under the mother university. It will be of great opportunity for the local students to have the scope for higher education.

The College has introduced Honours Course in Philosophy and General Courses in Education and Computer Science. A great number of the students have got the opportunity of studying the said courses, which was a longstanding demand of the locality. The College looks forward to academic collaboration with professional institutes and other universities for introduction of professional courses.

To get opportunities for higher studies, the majority of students join different universities and institutes. A large number have been working as Assistant Professors in various colleges; a few are engaged in research work in different Universities and Institutes. Some are engaged in school teaching through West Bengal School Service Commission Examination, while a few prepare themselves for WBCS exams and jobs in other Govt. and public sectors. A number of College students are involved in Media Service, both print and electronic.

CHALLENGES

Socio-economic conditions become a challenge for the students to complete their courses, as the College is situated in a remote and backward district of the State.

Most of the students are the first generation learners in higher education system.

Acute shortfall of the permanent faculties is one of the great challenges to conduct both the teaching as well as administrative assignments.

Sometimes the University Examination schedule runs late thereby disturbing academic session. It is also another challenge for the college.

Future Plans

- To organize National and International Seminars
- To arrange Special Lectures by veteran academicians in India
- To publish an interdisciplinary research journal.
- To enhance the number of Smart Class rooms
- To build up a modern auditorium
- To increase the inventory of Herbarium specimens, Museum specimens etc. in the Department of Botany
- To enrich departmental library with newly published arrivals and varieties of reputed Journals



- To Encourage more frequent visits to Research Institutes, Industries (Biotechnological, Tissue culture, Bio-fertilizer, Food Processing units) for students
- SOP for Laboratories

ESTABLISHMENT OF CHAKDAHA COLLEGE: A MILESTONE

Sl.	Date/Year	Event
1	Apr. 15, 1972	The-then deputy speaker of W.B Assembly Sri Haridas Mitra announced that considering the legitimate demand of the people of Chakdaha, the process of foundation of a college at Chakdaha would start soon
2	May 7, 1972	Chakdaha College Organizing Committee was established with 21 (twenty one) general members and Sri Haridas Mitra was selected the President of the Committee
3	May 17, 1972	The first general meeting of the aforesaid committee. The teacher's room of Chakdaha Ramlal Academy was allowed by the respective authority to be used as the temporary office building
4	May 23, 1972	Request for affiliation of the college to the Govt. of W.B. and the Vice Chancellor of Kalyani University
5	May 25, 1972	Promise of all kinds of help to the Committee by the-then education minister of W.B. and the Vice-Chancellor of Kalyani University
6	July 9, 1972	Promise of assistance by Govt. of W.B. again in a meeting presided by Sri Haridas Mitra
7	July 12, 1972	College fund established with contribution from Sri Mitra and the members of the Committee
8	July – August, 1972	Fund raising by the Committee from all possible sources
9	Sept. 27, 1972	E.C of Kalyani University affiliates Chakdaha College to start PUcourse in the arts and commerce streams in the morning section and also PUcourse in commerce in the evening
10	Oct. 4, 1972	Student's admission starts
11	Nov. 10, 1972	First College G.B. is formed according to the statute of Kalyani University and its activity started
12	Nov. 19, 1972	The total collected fund of Rs.22,000/- (twenty two thousand only) handed over by the organizing committee to Chakdaha College authority
13	Nov. 20, 1972	College inaugurated temporarily in Ramlal Academy by the Vice Chancellor of Kalyani University
14	Nov, 21, 1972	Classes of the College starts. Sri Kanak Moitra was the Teacher- in-Charge with eight part-time lecturers. No.of students were 76
15	Dec. 16, 1972	3.19 acres of land was first temporary and then permanently handed over by the Chakdaha Municipality to Chakdaha College
16	July 25, 1973	E.C. of Kalyani University permits the College to start B.Com. Course in the evening section. March 1974 : College building foundation stone laid
17	June 1974	E.C. of Kalyani University affiliates the college to start B.A. course in the day-section. No. of college students were more than 350
18	March 1975	First phase of construction of college building was finished
19	April 1, 1975	College building was inaugurated by the-then Chief Minister of W.B Sri Siddhartha Sankar Roy



SALIENT FEATURES OF CHAKDAHA COLLEGE

Sl. No.	FEATURES
Feature I	Multi-faculty College offering a blend of Arts, Science & Commerce courses at UG
Feature II	The college is accredited at B in cycle 1 of NAAC accreditation in 2008
Feature III	The college is permanently affiliated to University of Kalyani, Kalyani and has 2 (f) and 12 (B) recognition from UGC
Feature IV	26 faculty members are with Ph.D.; 04 with M.Phil. and 06 members are pursuing their Ph.D. & 01 is pursuing her M.Phil.
Feature V	Total Books authored 13 by its faculty members
Feature VI	68 research papers in peer reviewed journals in International and National standard, 12 papers in conference proceedings and 19 articles in Edited Volumes have been published
Feature VII	02 Faculty members are supervising Ph.D. Scholars under University of Kalyani independently, 01 faculty member has supervised scholars to Ph. D. degree under University of Kalyani.
Feature VIII	03 Minor Research Projects have been completed and two other have applied for Minor research Projects, whereas 01 faculty member has applied for Major Research Project
Feature IX	Our faculty members have presented their Papers: 06 in International level; 65 in National level and 65 in State level.
Feature X	BOS member:
Feature XI	Emphasis on learner centric ICT based teaching-learning approaches with 2 Smart Classes ; 2 Seminar Halls, 11 Laboratories, one Central Library & Departmental Libraries
Feature XII	Digitalized library with OPAC, INFLIBNET and with 25,165 books, 100(04 titles) journals, 100,000 e-books & e-journals
Feature XIII	Extension activities through NSS and NCC programmes to inculcate human value system , sincere service and to bring environmental awareness
Feature XIV	<ul style="list-style-type: none"> ■ In 1994, a MOU was signed between Chakdaha College and NIELIT (formerly DOEACC Society) to run a Computer Centre in assistance with The Institute of Computer Engineers (India) inside the College premises, where the students of our College could complete different job-oriented certificate courses at subsidized rate. The students having employment exchange card may avail a scholarship upto Rs. 2000.00. Many students have been recruited in various Govt. and non-Govt. services after completing such job-oriented course from this Computer Centre.



- To run a study center and organizing Laboratory Counseling and Evaluation Programmes a MOU was signed between Chakdaha College and Netaji Subhash Open University (NSOU) in 1998.
- Another MOU is made on November 16, 2015 between Chakdaha College and 'Reliance JioInfocomm Limited (RJIL)' to provide Telecommunication Services and make wi-fi enabled campus.

Feature XV Green campus consisting of plants with environmental and medicinal importance

Feature XVI Students bringing laurels to college in academics: 16 university rank holders in last five years, out of which 07 are Gold Medalists with first rank

Feature XVII Proactive and vibrant IQAC initiating a number of quality measures, innovations and best practices



Post-accreditation Initiatives

The college has undergone its first cycle of accreditation in April 2008. On the recommendation of the peer team, the college has taken the following quality sustenance and enhancement measures in the post accreditation period.

I	The college may think of supplying purified water to the staff and students of the college
	The college has installed drinking water purifiers (Aqua-guard) in almost all buildings of the college.
II	The college may think of allocating different rooms to the different Departments.
	The college has allocated different rooms to the different Departments.
III	The college library need to be digitized
	The library of the college is resourceful and spacious. The library has partially been digitized with the installation of COHA. Staff and students can avail of internet facilities in digitized library with the installation of INFLIBNET for updated books and journals.
IV	There is need for installation of generator.
	Two generators of 15 KV and 30 KV have been installed so that there is a continuous supply of electricity in all buildings of the college.
V	The college needs to impart special coaching classes for students.
	<ul style="list-style-type: none"> ▪ Special remedial classes (under UGC) used to be held for backward classes and minority class students. But weak students also attended these classes. ▪ Tutorial classes are held for all Honours subjects.
VI	The college needs to strengthen its career guidance and counseling cell.
	<ul style="list-style-type: none"> ▪ Career guidance cell has been set up. Special coaching classes for Entry in different services such as Banks, Government, Non-Government and various other institutions are held. ▪ The placement cell helps the students in on-campus placements. It gives information about the vacancies offered by Banks, Government and various institutions through newspaper cuttings, providing regular instruction to follow the websites as per requirements, various employment and by means of various employment-oriented periodicals like Employment News, Peshaprabesh, Karmakshetra, Safalya etc.
VII	The college needs to develop computer awareness amongst students and set up a Computer Laboratory.
	<ul style="list-style-type: none"> ▪ In order to develop computer awareness amongst students several workshops on that have been held. ▪ A computer laboratory (UGC-NRC) has been set up where practical classes of different departments (e.g., Mathematics, Zoology, Economics, Commerce etc.) are held.
VIII	The college should think of construction of more class rooms in order to introduce new courses for smooth running of classes and also modernize Class rooms. Also the college may think of constructing a Ladies Hostel.



	<ul style="list-style-type: none"> ■ A three-storied building having eight class rooms has been constructed so that classes can be held smoothly and new courses can be introduced. ■ The college has a piece of land which is very close to the college. The college is planning to construct a new building in that land so that new curriculum can be introduced. ■ Two smart class rooms have been set up. ■ Audio-visual system has been set up in two class rooms. ■ A hostel for girls' student is being constructed.
IX	The college should think of introducing new courses.
	<ul style="list-style-type: none"> ■ The college has introduced four new courses: <ul style="list-style-type: none"> » Geography (Hons.) in 2011-12. » Philosophy (Hons.) in 2015-16. » Education (General) in 2015-16. » Computer Science (General) in 2015-16. ■ The college has applied to the affiliating University for introducing PG ■ courses in (a.) Bengali (b.) English (c.) Political Science and (d.) History.
X	The college should think of encouraging teachers to get more and more involved in research work.
	<ul style="list-style-type: none"> ■ A research and publication sub-committee has been formed. The sub-committee encourages every teacher to engage himself/herself in research work. ■ A Centre for Academic Programme and Research (CAPR) has been formed. The centre has called for papers on "Higher Education in India: Prospect and Challenges". ■ To motivate the students and teachers towards research, 9-seminars (National level-5, State level-3 and College level-1) in different subjects have been held.
XI	The college wants that activities of different bodies such as NCC/NSS/Nari Samsad etc. be prompter.
	<ul style="list-style-type: none"> ■ The performance of the NCC unit is satisfactory because they have participated in different Republic Day Camps in New Delhi, National Integration Camp in Ropar, Punjab, All India Treking Camp in Amar Kantak and U.P. etc. ■ The NSS units (one Unit from the Session 2015-16) have held several 'One-day ' & 'Seven Day' special camps in neighboring schools where it has performed various social and community activities. Moreover, the NSS unit in association with Students' Union has organized blood donation camps at College premises. ■ Very recently a workshop entitled "Healthy Life Style of Women" has been arranged by the Women Cell (<i>Nari Samsad</i>) of the College to develop health awareness among the girl students. Dr. Nandini sBhowmick, ex-Associate Professor, Hiralal Memorial Women's College, graced the occasion as the resource person.



	<ul style="list-style-type: none"> ▪ The Students' Union also holds various programmes throughout the year to develop an atmosphere of harmony and fraternity among the students and community. Moreover, they provide concession of fees to almost 7 % of the College students from the Students' Union fund. ▪ Two Thalassemia programs have been held in the college during this tenure.
XII	The service book needs to be updated.
	<ul style="list-style-type: none"> ▪ With the exception of very new appointees, the service book of every staff (teaching & non-teaching) has been updated.



PART-I: INSTITUTIONAL DATA

A. Profile of the Institution

1. Name and Address of the College:

Name: **CHAKDAHA COLLEGE**

Address: **RABINDRA NAGAR, CHAKDAHA**
City: **Chakdaha**
State: **WEST BENGAL** Pin: **741222**

Website: ***www.chakdahacollege.ac.in***

2. For Communication:

Designation	Name	Telephone With STD code	Mobile	Fax	Email
Principal	Dr. Swagata Das Mohanta	O:03473-242268 R:033-25803457	9831230275	-	chakdahacollege197 2@gmail.com
Vice Principal Not applicable	N.A	O: R:			
Co- coordinator, NAAC Steering Committee	Dr Partha Dutta	O:03473-242268 R:094339 13334	94339 13334		<u>parthdutt0295@gmail.</u> <u>com</u> chakdahacollegeiqac20 14@gmail.com

3. Status of the Institution:

Affiliated College

☒

Constituent College

☐

Any other (specify)

☐

4. Type of Institution:

a. By Gender

For Men

☐

For Women

☐

Co-education

☒

b. By Shift

Regular

☒

Day

☐

Evening

☐

5. It is a recognized minority institution?

Yes

☐

No

☒

6. Sources of funding:

Not applicable

7.

Government

☐

Grant-in-Aid

☒

Self-financing

☐

Any other

☐

a. Date of establishment of the college: **21/11/1972** (DD/MM/YYYY)

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

University of Kalyani

c. Details of UGC recognition:

Under Section	Date, Month & Year(DD-MM-YYYY)	Remarks (If any)
i.2(f)	July, 1981	As per UGC letter (Copy attached)
ii.12(B)	UGC Certificate is not found in the college	Listed on UGC & KU websites (Copy attached)

(Enclose the Certificate of recognition u/s2 (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.) **Not applicable**

Under Section/clause	Recognition/Approval details Institution/Department Programmed	Day, Month and Year (DD-MM-YYYY)	Validity	Remarks
i.				
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

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

Yes

☐

No

☒

If yes has the College applied for availing the autonomous status?

Yes

☐

No

☒

9. Is the college recognized

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

Yes

☐

No

☒

If yes, date of recognition: **Not applicable** (DD/MM/YYYY)

b. For its performance by any other governmental agency?

Yes

☐

No

☒

If yes, Name of the agency **Not applicable** and

Date of recognition: **Not applicable** (DD/MM/YYYY)

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

Location*	Urban
Campus area in sq. Mts.	10,238.55 sq. Mts.
Built up area in sq. Mts.	5882.06 Sq. Meters

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

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

- Auditorium/seminar complex with infrastructural facilities: **one (but incomplete)**
- Sports facilities

- » Playground: No such playground. For Football, Cricket tournament, the Chakdaha Stadium, adjacent to Chakdaha College is used
- » Swimming pool: Nil
- » Gymnasium: Nil



■ Hostel

» Boys' hostel

Number of hostels		one for SC/ST students
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Number of inmates		14
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Facilities (mention available facilities):		Rooms, furniture, electricity, Water, Toilets, Kitchen, and Sports instruments, etc.
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» Girls' hostel

- i. Number of hostels: **one - under construction**
- ii. Number of inmates
- iii. Facilities (mention available facilities)

■ Working women's hostel: **None**

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

- Residential facilities for teaching and non-teaching staff (give numbers available: cadre wise): One- non-teaching staff quarter (Lab Sweeper)
- Cafeteria: One Canteen for students and staff
- Health center–None (But the College is adjacent to Chakdaha Hospital, Govt. of West Bengal)

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

Qualified doctor	Fulltime	<input type="text"/>	Part-time	<input type="text"/>
Qualified Nurse	Fulltime	<input type="text"/>	Part-time	<input type="text"/>

- Facilities like banking, post office, book shops: **None**
- Transport facilities to cater to the needs of students and staff: **None (but there is easy access to public transports; College is located near to Chakdaha Railway station)**
- Animal house: **None**
- Biological waste disposal: **None**
- Generator or other facility for management/regulation of electricity and voltage: **TWO generators and ten small Inverters.**
- Solid waste management facility: **None**
- Waste water management: **None**
- Water harvesting: **None**



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

SL No.	Program me Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instructi	Sanctioned/ approved Student strength	No. of students admitted
	Under-Graduate (Total)	B.A., B.Sc., B.Com. Honours & General courses	Years	12 th (H.S) (Admission: list basis)	English/ Bengali	2947 (Academic year 2015-16)	2530 (Academic year 2015-16)
	SL.	UG-HONOURS (H) COURSES					
	1	BENGALI (H)	-Do-			106	103
	2	ENGLISH (H)	-Do-			91	
	3	SANSKRIT (H)	-Do-			64	61
	4	HISTORY (H)	-Do-			96	90
	5	POL. SCIENCE (H)	-Do-			96	96
	6	PHILOSOPHY (H)	-Do-			60	54
	7	B.A./B.Sc - ECONOMICS (H)	-Do-			43	23
	8	ACCOUNTANCY (H)	-Do-			78	77
	9	CHEMISTRY (H)	-Do-			47	46
	10	PHYSICS (H)	-Do-			47	45
	11	MATHEMATICS (H)	-Do-			38	35
	12	ZOOLOGY (H)	-Do-			31	29
	13	BOTANY (H)	-Do-			31	29
		B.A./B.Sc - GEOGRAPHY (H)	-Do-			31	33
		UG-GENERAL COURSES					
	1	B.A. (General)			-Do-	1751	1616
	2	B. Sc (General)			-Do-	76	67
	3	B.Com (General)			-Do-	261	34
	Post-Graduate						
	Integrated Programmes PG						
	Ph.D.						
	M.Phil.						
	Ph.D						
	Certificate courses						
	UG Diploma						
	PG Diploma						
	Any Other (specify and provide details)						

13. Does the college offer self-financed Programmes?

Yes

☐

No

☒

If yes, how many?

Not applicable



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

Yes



No



Number: 04 (*Geography-Hons, Philosophy Hons, Education General, Computer Science General*)

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

Faculty	Departments (e.g. Physics, Botany, History etc.)	UG	PG	Research
Science	Chemistry, Physics, Mathematics, Botany, Zoology, Statistics(General), Computer Science (General)	UG	Nil	
Arts	Economics, Geography, History, Political Science, Bengali, English, Sanskrit, Philosophy, Education (General)	UG	Nil	
Commerce	Commerce	UG	Nil	
Any Other (Specify)				

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

- a. Annual system: **None**
- b. Semester system: **None**
- c. Trimester system: **None**

17. Number of Programmes with

- a. Choice Based Credit System: **None**
- b. Inter/Multi disciplinary Approach: **None**
- c. Any other (specify and provide details): **None**



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): **Not applicable** (DD/MM/YYYY)
And number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:.....

Date: (DD/MM/YYYY)

Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes

☐

No

☒

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

Yes

☐

No

☒

If yes,

a. Year of Introduction of the programme (s): **Not applicable** (DD/MM/YYYY) and
number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:.....

Date: (DD/MM/YYYY)

Validity:.....

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

Yes

☐

No

☒

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

Positions	Teaching faculty						Non Teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*	*	*	*	*	*	*	*	*	*
	M	F	M	F	M	F	M	F	M	F
Sanctioned by the UGC / University / State Government	Total 37 Assistant Professors+01 Principal						Total 37 Non-teaching posts are sanctioned irrespective of gender		Two posts for Librarian	
Recruited (CAS basis)			10	04	10	02	15	01	02	Nil
Yet to recruit					12		21		Nil	
Sanctioned by the Management/ society or other authorized bodies	Part-time Lecturer=09 Contractual Lecturer=03 Guest Lecturer= 84 Total= 96						Casual/Contractual/Temporary non-teaching Staffs=22			
Recruited	Part-time Lecturer=09 Contractual Lecturer=03 Guest Lecturer= 84 Total= 96						Casual/Contractual/Temporary non-teaching Staffs=22			
Yet to	Nil						Nil			

***M-Male *F-Female**

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D.	Nil	Nil	09	02	07	01	19
M. Phil.	Nil	Nil	Nil	02	02	01	05
PG	Nil	Nil	01	Nil	01	Nil	02
Temporary teachers (Guest)							
Ph.D.	Nil	Nil	Nil	Nil	06	03	09
M.Phil.	Nil	Nil	Nil	Nil	03	04	07
PG	Nil	Nil	Nil	Nil	41	27	68
Part-time teachers (CWTT & PTT)							
Ph.D.	Nil	Nil	Nil	Nil	Nil	01	01
M. Phil.	Nil	Nil	Nil	Nil	Nil	Nil	Nil
PG	Nil	Nil	Nil	Nil	06	05	11



22. Number of Visiting Faculty/Guest Faculty engaged with the College: **None**

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

Categori	Year 2012-		Year 2013-		Year 2014-		Year 2015-	
	Male	Femal	Mal	Femal	Male	Femal	Mal	Femal
SC	393	577	511	374	444	381	428	402
ST	42	21	45	38	32	23	46	35
OBC	68	56	78	63	126	102	158	150
General	504	222	627	639	714	687	660	651
Others	01	03	Nil	Nil	Nil	Nil	Nil	Nil
Total	1008	879	1281	1114	1316	1193	1292	1238
Grand	1887		2375		2509		2530	

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

Type of students	U	P	M.Phil.	Ph.D.	Total
Students from the same state where the college is located	5226	Nil	Nil	Nil	Nil
Students from other states of India	Nil	Nil	Nil	Nil	Nil
NRI students	Nil	Nil	Nil	Nil	Nil
Foreign students	02	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil

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

UG

38.43%

PG

N/A

26. Unit Cost of Education

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

Including the salary component

Rs. 6,485/-

Excluding the salary component

Rs. 1,850/-

27. Does the college offer any programme/sin 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.

Netaji Subhas Open University (NSOU)

c) Number of programmes offered: **21**

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

Yes

☒

No

☐

28. Provide Teacher-student ratio for each of the programme/course offered: **1:105**

29. Is the college applying for Accreditation:

Cycle1

☐

Cycle2

☒

Cycle3

☐

Cycle4

☐

Re-Assessment:

☐

(Cycle1 refers to first accreditation and Cycle2, Cycle3 and Cycle4 refer store-accreditation)

30. Date of accreditation* (applicable for Cycle2, Cycle3, Cycle4 and re-assessment only)

Cycle1:**16/09/2008** (dd/mm/yyyy) Accreditation Outcome/Result: **B (CGPA=2.36)**

Cycle2:(dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle3:.....(dd/mm/yyyy) Accreditation Outcome/Result.....

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

Please see Part II Annexure (2).

31. Number of working days during the last academic year: **2014-15**

220

32. Number of teaching days during the last academic year: **2014-15**

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

163

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

26.06.2014(DD/MM/YYYY)



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

AQAR (i) 22.12.15(DD/MM/YYYY)
AQAR (ii) 22.12.15(DD/MM/YYYY)
AQAR (iii) 22.12.15(DD/MM/YYYY)
AQAR (iv) 22.12.15(DD/MM/YYYY)

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

- Computer center (UGC-NRC) with internet connectivity
- UGC-sponsored Remedial Coaching for SC/ST/Minorities etc.
- UGC- sponsored Coaching for Entry in Services
- Career counseling & Placement Cell



Criterion- Wise Analytical Report

Criterion: I Curricular Aspects



1.1 Curriculum Planning and Implementation

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

CHAKDAHA COLLEGE, affiliated to the University of Kalyani was born on the 21st of November, 1972 in the cradle of suburban Bengal, has grown over the years into a leading and prestigious Under - Graduate institution in Humanities, Science and Commerce streams in both Honours and General. By its academic discipline and a sustained record of excellence in result-performance of almost all Honours subjects it attracts and caters to the best budding talents of not only Chakdaha township but also from a wide hinterland across West Bengal. Over the years this college has been nurturing a blend of academic excellence and extracurricular achievements, high order of teaching and infrastructure development in virtuoso. UGC sponsored Remedial Coaching and Entry in Services for SC/ST/OBC/ Minority students, UGC NRC, Career & Counselling are conducted on a regular basis. Further the college has been a Study Centre of Netaji Subhash Open University (Code No. D-06) since 1998, a centre where UG and PG (see following table in details) courses in different subjects are offered providing space for students of regular academics who have dropped out of regular academic streams.

Put in a nutshell, the vision and mission of this college is to advance the objectives of modern education as imparted to students in an organized manner, and to equip them for contemporary society and meet its ever-growing demands.

List of Subject in Study Centre of Netaji Subhash Open University (Code No.06)

Sl.	Subject in UG (Hons)	Subject in PG
1	Bengali	Bengali
2	English	English
3	Pol. Science	Pol. Science
4	History	History
5	Commerce	Commerce
6	Physics	Mathematics
7	Chemistry	Education
8	Mathematics	Social Works(MSW)
9	Botany	Jon & Mass Commn.
10	Zoology	Library Science
11	Geography	
12	Library Science	



VISION:

1. To make the college a leading higher learning institute.
2. To impart education in all contemporary basic fields with subject-wise specialization.
3. To sustain as well as to enhance the quality of education.
4. To help the neighbouring society in all feasible ways.
5. To impart value-based education to make the students responsible citizens in future.
6. To maintain transparencies in all college activities.

MISSION:

To impart quality higher education to students in and around Chakdaha through proper evaluation, promotion, modernization and sustenance activities to create a self-dependent, benevolent society, purged of all superstitions.

OBJECTIVES:

- To provide comprehensive and quality education to our students that enables them to realize their potential and self-worth in all spheres of national and global life.
- To emphasize all round physical, mental and spiritual development of our students.
- To orient our students to develop their social responsibilities, mutual trust & faith, and motivation of team work through their participation in N.C.C., N.S.S. programmes, field visits, college games & sports, cultural functions etc.
- To promote and practise an inclusive development in higher education through the creation of and maintaining institutional values and ethos in a multi-cultural society without any religious, social, cultural and communal superstitions.
- To equip our students with modern technologies through the use of ICT in higher education so that they evolve as leaders and transforming agents in the present knowledge-based Society.
- To motivate and encourage our students to participate in higher education and research.
- To create vistas of career and placements for the students in their future lives.
- College Website: www.chkadahacollege.ac.in
- College Email ID: chakdahacollege1972@gmail.com



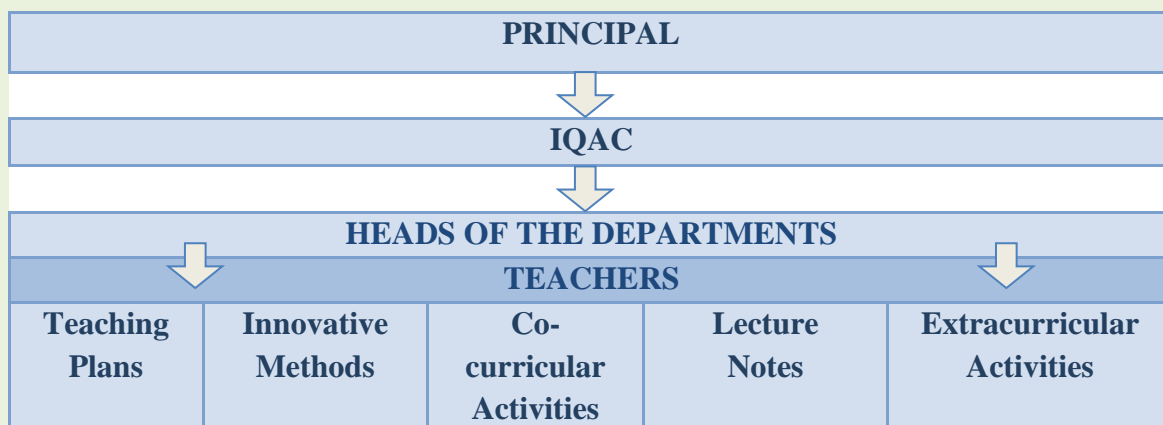
***The vision, mission and objectives of the College are communicated through:
Modes of Communication***



- *The College Prospectus for each academic year that the students and parents get during the 1st year admission.*
- *Welcome address by the Principal during celebration of fresher's welcome/ social function.*
- *Departmental Re-union/Orientation programmes.*
- *Workshop/seminars/conferences*
- *Meetings with different stakeholders-students, teaching and non-teaching staff, alumni and parent associations, and local community.*
- *Camps organized by NSS & NCC units.*

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 institutions develop and deploy action plans for effective implementation of the curriculum as shown through the following Flow-Chart:



As an affiliated College, Chakdaha College meticulously plans and effectively implements the curriculum designed and developed by the University of Kalyani. However, some of our faculty members participate in the development process of curriculum as members of UG Board of Studies in different subjects at the University level.

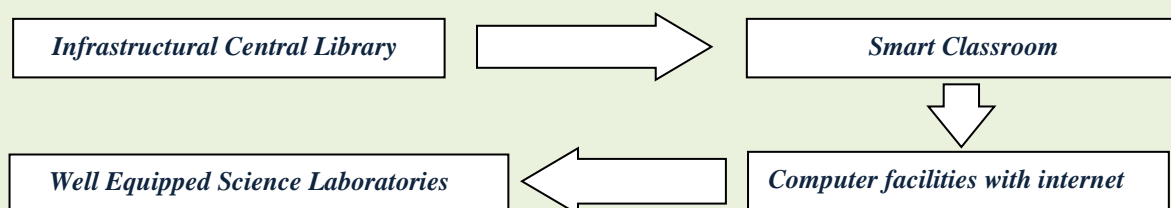
At the beginning of every academic year, Head of each Department, in consultation with all departmental faculty members, distributes the respective syllabus and class-routine among the faculty members of the department. They also chalk out their plan of actions regarding requirement of Guest faculty, mode of teaching and evaluation, use of ICT, arrangements of tutorials and remedial classes for slow learners, group discussions, workshops/seminars and project work/practical/field visit/other co-curricular activities for active participation of the students and effective implementation of the curriculum.

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 of Kalyani prepare an Academic Calendar for the Undergraduate Courses for each academic Session and circulate it to the affiliated college for implementation.
- Besides this academic calendar, the University disseminates various information regarding admission, examination (theoretical and practical), changes in curricula, and other rules and regulations through periodic circulars.
- It also invites college faculty members to participate in the meetings of Board of studies, workshop/seminars relating to curriculum revision and development and to prepare study materials as per new syllabus as and when required.
- Training of teachers: The institution has well-equipped ICT classrooms, digital library and computer laboratories to keep pace with the changing technologies in the present time.
- **Faculty Development Programs:** Academic Staff Colleges of different Universities conduct various Refresher / Orientation/ Seminar /Workshop/ Short-term Courses /Training Programmes in which College faculty members and non-teaching staff of this College participate from time to time. Our students also participate in several social functions like N.S.S and N.C.C, games and sports organised by the University.

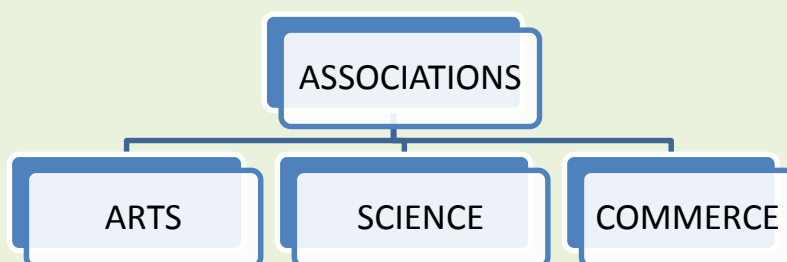
1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The institution has provided Infrastructural and Associational facilities for curriculum delivery and transaction, as displayed in the flow-chart:



Associations

CHAKDAHA COLLEGE



The college ensures effective curriculum delivery and transaction on the curriculum provided by the University of Kalyani by implementing departmental plan of actions regarding completion of syllabi, updating study materials, use of ICT in class lectures, framing model questions, question-solving evaluation, class demonstration by students, frequent test examinations, organising seminar/workshop, conducting convergence of classes with common/similar area of study, regular use of Central Library and Departmental Library, access to internet, and an effective supervision and monitoring of all academic and administrative activities as per the structured time schedule. Courses in all the subjects offered by the College have been updated and made relevant in consonance with the University of Kalyani curriculum (both theoretical and practical components) which ensure the development of practical skills based on theoretical knowledge. Problem-solving exercises, field studies/visits, case studies, surveys and excursions including industrial visits, hands-on experience, and project works ensure skill development in relevant subject-areas of study.

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

The College networks and interacts not only with its affiliating University through the formal meetings of Board of Studies, supervising Ph. D work, and participation in other academic and administrative programmes but also links (formal and informal) with other Universities, research institutes, colleges, companies and organizations on collaborative basic. It invites resource-persons/participants in the various national and international seminars/conferences, Implementation of UGC schemes of Entry in Services, activities of career and placement cell, and involvement of the college IQAC, subject experts, Ph. D experts, Judges of inter-school and inter-college programmes, participation of students in Youth Parliament Competition programme of Government of West Bengal etc. are some of its interactive activities. The College constantly links with UGC for research funding through the application of MRP and Major research projects.

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, stake holder feedback provided, specific suggestions etc.).

Being an affiliated College, it cannot directly design and develop the curriculum. Some of our faculty members are selected as members of Board of UG Studies, University of Kalyani in different disciplines. At present, three faculty members from the department of Chemistry, and Economics are serving as members of Undergraduate Board of Studies in the respective subjects.

1. *Dr. Paritosh Biswas*, Head of the Department of Chemistry, Member of UG Board of Studies (Chemistry).
2. *Dr. Saikat Sarkar*, Department of Chemistry, Member of UG Board of Studies (Chemistry).
3. *Dr. Arun Kumar Nandi*, Head of the Department of Economics, Member of UG Board of Studies (Economics).



The University organizes syllabi-related workshops/seminars and invites college teachers to participate in the same and consider suggestions regarding development of curriculum. The feedback is analyzed by the Head of the Departments in consultation with the respective faculty members. It gives a scope for improvement in the performance of the teachers and enhances a healthy student-teacher relationship. Feedbacks are transmitted to the Board of Studies, University Court and other bodies of the University through the respective members of the College at the University level.

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

'No' Design, moderation and introduction of new courses in the curriculum are beyond the power and purview of the college. All these require formal approval from the university and government levels which is a long drawn process.

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

The College has tried to analyse/ensure its missions and objectives of curriculum in the process of implementation, supervision and monitoring system. The Teachers' Council of the College is entrusted to discuss and analyse the matters relating to the curriculum implementation and its outcome. Teachers' Council provides advices and suggestions to the College authority for its proper implementation, supervision, and monitoring. The College has taken some steps for implementation of curriculum objectives. The feed-back is taken from students and concerned persons like parents, alumni, and others. The College considers this feedback, and valuable suggestions are made to the teaching faculty as well as Boards of Studies of the different departments of the University. Academic-result-graph over the years (academic sessions) also reflects the picture. Views of stakeholders related to this institution also contribute significantly in this sphere.



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 College offers the following courses to the students to promote higher education in all major disciplines (Arts, Science, and Commerce):

A. Undergraduate Honours Courses	B. Undergraduate General Courses
1. Bengali	1. B.A (General)
2. English	2. B.Com (General)
3. Sanskrit	3. B.Sc (General)
4. History	
5. Political Science	
6. Economics	
7. Geography	
8. Philosophy	
9. Accountancy	
10. Chemistry	
11. Physics	
12. Mathematics	
13. Botany	
14. Zoology	

The College does not provide directly any diploma or certificate courses, but there are two institutes within Chakdaha College campus, namely (i) NSOU- distance education centre, and (ii) Institute of computer Engineers (India) - a Computer centre, which provides different degrees/diploma/certificate courses to the students.

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

“No”. The college does not provide any dual degree.

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

- Range of Core/Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses



The College has little scope to provide academic flexibility in terms of range of core and elective subject options as it is laid down or prescribed by the University in its UG admission rules. Following the University of Kalyani Admission rules and considering human and physical infrastructure of the College, we offer both Honours and General courses in Arts, Science, and Commerce subjects to the students and try to create a learners-friendly academic atmosphere in the college. Departmental teachers help/assist the students in the selection of Honours subjects and different subsidiary subject combinations which are given in the College prospectus. A student admitted to a particular course is also permitted to change the subject/course within a stipulated time as fixed by the University of Kalyani.

The syllabus of each subject is structured unit-wise by the respective Board of Studies at the University level and class lectures and unit tests are usually done accordingly.

The College provides computers with internet facilities without any cost to all students in order to develop their technical skills. Special care has also been taken of the students who come from socially and economically weaker sections of the society, through the implementation of UGC schemes for them.

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.

There is no self-financed programme running in the College. But the fee-structure for Geography subject is slightly enhanced compared with other subjects in order to run the course by the appointment of guest teachers only. Other things regarding admission, curriculum, teachers’ qualification and salary are the same as in other usual courses.

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.

No, the College does not provide any additional skill-oriented programmes except free access to computer centre and a few spoken English classes.

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

The University of Kalyani provides Distance Modes of Education for students to choose the courses/combination of their choice. But the college has no such study centre. Rather we have a Study Centre (Degree, Diploma, Certificates etc.) of the Distance Mode of Education offered by the Netaji Subhas Open University (NSOU, Code No. 06) to provide opportunity of higher education to economically weak, dropped-out students from the general courses, and to employed candidates.



Reports on Under/ Post Graduate students from NSOU Centre Authority

It is very difficult to present the report because seldom they report after they pass out. However, from police verification report sought from the college, it is clear that a good number of students were appointed in defense / railway services. After pass-out, a lot of students got opportunity in higher study. At present, many students of this centre are serving as Assistant Teachers. The success rate of this centre is more than 90% in UG level and 98% in PG courses.

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 ensures the implementation of University's curriculum in the best possible way. Representative (BOS) faculty members ensure that the curriculum framed by the affiliating University is supplemented in such a way that it reflects not only the missions and objectives of our college but also sustains and enhances quality higher education in general. Generally, they provide their valuable suggestions while revisions of syllabi are done or workshops are held relating to introduction of new syllabus on the basis of following considerations:

- Introduction of new topics of contemporary interest,
- Reorientation of the subject matters within the existing syllabus,
- Introduction of new approach and adopting updated methods for understanding a subject,
- Removal of unnecessary topics and old-fashioned approaches,
- Uniformity of the standard of the syllabus on national and international standard,
- Inter-disciplinary aspects of the subject, etc.

To enhance knowledge-skill in mode of culture and morality.

The College strives to inspire the students with the highest moral ideals and values by organizing their visits to various places of ethical importance. The students are made aware of their moral duties towards the society by rallies organized by NSS.

Community Service provided by College NSS Units:

The NSS Unit was established in the College with the motto of personality development of the students through social community services. There were two NSS Units in the College up to 2014-2015 and now only one NSS unit is running in the College as per policy of the University of Kalyani. Every year some extension and outreach programmes are organized for the benefit of the society.



Some of the activities are shown below:

- Blood donation camps
- Eye check-up camp
- Thalassemia awareness programme
- HIV/AIDS Awareness programmes
- Anti-drug addiction campaigning
- Snake biting awareness programme
- Plantation programme
- Cleaning the Campus and outside
- NSS day celebration
- National Youths' Day celebration
- National Integration celebration
- Republic Day celebration
- Independence Day celebration
- Netaji's Birthday celebration
- Observation of Youths' Day
- Conduct of Red-Ribbon Programme

In addition to the above programmes, 07 days' special camps as well as single day's camps are organized every year to undertake various activities during 2010-2015.

Guest/invited lectures are conducted on occasions like Antarjatik Matribhasa Divas, Women's Day etc. to impart the values of equality and fraternity among the students.

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?

The present employment market needs skilled labour force. As a general and affiliated College, it follows university curriculum without any change. There is no scope for the College to enrich curriculum so as to enhance experiences of the students to increase their employability in the job markets. The College can only improve methodology of teaching with application of modern tools. The college deputed faculty members to participate in orientation/refresher courses/training programmes, short term courses, and workshops on curriculum development, examination reforms, quality initiatives, and management issues. It conducts unit tests, seminars on interdisciplinary subjects, group discussions, use of ICT, field visits etc to improve learning process of knowledge. Activities of the College NCC and NSS units, cultural functions conducted by the Students Union, college games and sports are helpful for the development of the personalities of the students and for enhancing leadership quality of the students. The college invites representatives from different organisations, companies, and Banks under the UGC schemes of Entry in services and Equal Opportunity Cell for awareness of their market needs. Mock interviews are held so that the students may be aware of present employment market situations.



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?

The College is a co-educational institute. The students come from different socio-economic backgrounds. The college integrates the cross-cutting issues of gender, climate change, environmental education, human rights, ICT etc. through various programmes and cultural functions as follows:

- Imparts education in a quiet, clean atmosphere free from all types of pollution – physical, cultural or anything.
- Imparts value based education to make the students responsible citizens.
- Imparts education in socially sensitive but politically unbiased atmosphere.
- Maintains transparent policies in every sphere with opinions and suggestions from all the constituents of the college.

Among other activities:

- The Grievance Redressal Cell of the College addresses the issues regarding violations of Human Rights.
- The College conducts seminars relating to the issues of Human Rights and the Environmental Issues.
- There is a compulsory subject of Environmental Studies of 100 marks for all 1st year students.
- Students of Political Science department participate in regular Mock Parliament competition.
- Faculty members use ICT in teaching and they encourage students to participate in the college NSS and NCC programmes.

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

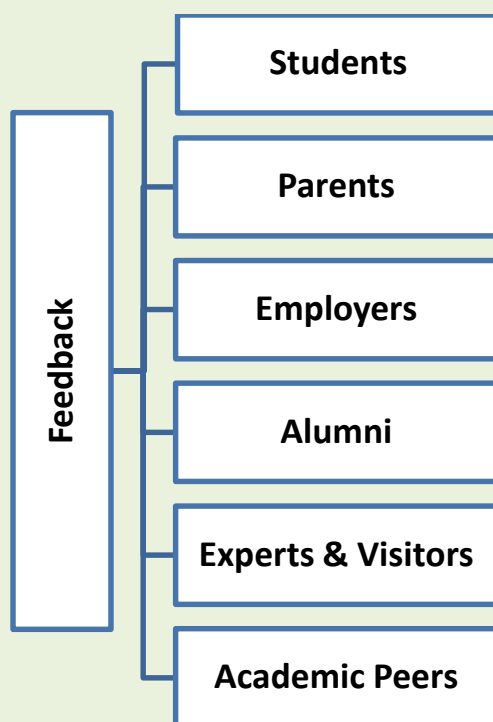
- Moral and ethical values – The College as such does not offer any explicit value-added courses to the students but it organizes social and cultural programmes to impart value-based education. The students' Union celebrates Teacher's Day, Fresher's Welcome, and Social Annual function every year.
- Employable and life skills – Remedial Coaching classes, Health Awareness Programmes, Blood Donation Camps are held in the college.
- Better career options – Campus interviews, coaching for Entry -in -Services are held in the college.
- Community orientation – Camps of the college NCC and NSS units are held on regular basis (One-day Camp and Special Seven-day Camp).



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

There are formal and informal procedures for overall feedback from different stakeholders in our College Website (www.chakdahacollege.ac.in). Informal feedback is done through observations, suggestions and comments of peers, experts etc.

FEEDBACK MECHANISM



Parents-Teachers-Students Meetings are held in the college and they discuss areas of concerns regarding syllabi, examinations, attendance etc.

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

- The Principal in consultation with IQAC members takes care of enrichment programmes.
- All enrichment programmes are targeted to make sure that the programmes offered and other extra-curricular and co-curricular activities bear relevance to important regional, national, global issues and thus, inculcate moral and ethical values on learners. Moreover feedback from the stakeholders helps monitoring and evaluating the quality of the enrichment programmes.
- Grievance Redressal Cell addresses grievances of the students.
- The College NCC, NSS and other outreach programmes and community activities like “Saraswati Puja”, “Sharad Utsav” “Plantation Programmes”, “Antorjatic Matri Bhasha Dibos” (International Mother-language Day) and “Departmental Project work”, Environmental Project etc. are conducted regularly to evaluate and monitor the quality of enrichment programmes.



1.4 Feedback System

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

The College cannot directly contribute to framing the curriculum, as it is a college affiliated to the University of Kalyani. However, the curricula are framed by the UG Boards of Studies of different subjects and approved by the Faculty Council of the University, in which some faculty members of the College participate in framing and designing University syllabi of different degree courses.

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?

There is a format for overall feedback from different stakeholders in our College Website (www.chakdahacollege.ac.in). Parents-departmental teacher-students meetings are held in the College and they discuss areas of concerns regarding syllabus, examination, attendance etc.

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?)

- Geography Honours course was introduced in 2011-12 due to growing demand of the subject specifically on employment ground.
- Sanskrit General Course in Morning Session was introduced in 2011-12 to meet the growing demand in West Bengal of the subject, specifically on employment ground.
- Three subjects - Philosophy Honours, Education General and Computer Science were introduced from current academic session (2015-16) due to growing demand of the subjects, especially Education and Computer Science in School Service Commission in West Bengal.

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

Keeping in view the recommendations of the NAAC Peer Team the following steps have been initiated:

- Effective use of ICT in Teaching-Learning Procedure to enhance quality of teaching.
- Introduction of UGC-Sponsored Remedial coaching classes for the slow learners and the students who come from weaker sections of the society.
- Introduction of UGC-Sponsored coaching for Entry in services to open up avenues and employability for the students who come from weaker sections of the society.
- Teaching of a number of Courses (12, Honours and 10 General) at Netaji Subhas Open University Study Centre through Distance Education Mode, aiming at over-all development of the students.
- Introduction of Computerised cataloguing and other automated library services with internet



facilities in the process to improve accessibility of the library to the students.

- Steps undertaken to introduce PG Courses in Bengali, English, History and Pol. Science as the infrastructures of Science and Commerce Faculties are not equipped enough to afford P.G Courses.



Criterion- Wise Analytical Report

Criterion: II Teaching, Learning and Evaluation



2.1. STUDENT ENROLMENT AND PROFILE

2.1.1. How does the college ensure publicity and transparency in the admission process of each academic year?

Publicity in the Admission Process

- College ensures publicity in the admission process by notification hosted on the College Website www.chakdahacollege.in to make available relevant information regarding admission forms or collecting the same from the college counter, eligibility criteria (based on marks), intake capacity, rules and regulations (imposed by the concerned University), fee structure, courses offered and other admission-related information, list of candidates selected for admission, according to their merit etc.
- The prospectus becomes available to the students. It helps in conveying all relevant information regarding the admission procedure, infrastructure, fee & scholarships, different activities of the College and achievement of the students relating to academics and sports.
- The admission notification is hosted on the website www.chakdahacollege.in. It is also displayed on College notice board. This notification provides detailed information relating to the process of admission.

Transparency in the Admission Process

- Applications for all the courses are invited in advance to ensure transparency in the admission process. According to merit, the complete list of applicants is displayed on the notice board indicating the norm-total marks and reservation category. Thus transparency is ensured in all respects. It is kept in mind that admission to every course is conducted under the supervision of the Admission Committee.

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.

- For General UG Courses (B.A., B.Sc., B.Com. in Honours and General Courses) the admission process is based on the merit at the 10 +2 qualifying examination cum reservation as per the order of government of West Bengal and the affiliating University i.e., University of Kalyani.

» Distance Education Mode of Teaching:

- The College offer studies in Honours and Post Graduate Courses in a few subjects through the study centre of Netaji Subhas Open University.

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.

Minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the College is as per Merit List based on criteria laid down by the University of Kalyani.



Comparison with other Colleges of the affiliating University within the District, (2015-16)

Maximum percentage of marks for admission at entry level (aggregate %)				
Honours Subs	CC	SC	SRLM	NVC
Bengali	92.4	83.8	85.6	81.8
English	92.5552	92.4	83.4	89.0
Economics	81.2	-	-	77.0
History	86.0	81.6	83.6	82.6
Pol. Science	89.0	71.0	76.0	80.4
Sanskrit	87.0	80.2	-	82.6
Geography	90.6	-	86.0	-
Philosophy	81.2	79.6	70.6	77.6
Accountancy	84.6	73.6	-	83.8
Physics	88.8	87.8	-	81.6
Chemistry	90.0	81.0	-	87.2
Mathematics	88.0	94.2	-	83.0
Zoology	90.2	-	-	79.2
Botany	87.4	79.0	-	77.4
General Course				
B.A. (Day Section)	82.6	83.4	78.4	82.6
B.A. with Geo (Day)	80.2	-	-	-
B.Sc. (Physical Sc.)	80.2	75.8	-	80.6
B. Sc. (Bio Sc.)	80.2	75.0	-	74.4
B. Com.	71.8	-	-	48.0
B. A. (Morn Sec)	83.6	-	-	-

Minimum percentage of marks for admission at entry level (aggregate %)				
Honours Subs	CC	SC	SRLM	NVC
Bengali	48.6	48.2	48.0	48.2
English	64.4	51.8	48.0	55.8
Economics	57.0	-	-	55.2
History	52.2	44.6	47.8	52.8
Pol. Science	44.6	44.8	47.8	51.6
Sanskrit	50.6	45.8	-	48.8
Geography	62.4	-	53.8	-
Philosophy	48.8	48.6	46.2	44.8
Accountancy	45.8	49.0	-	45.6
Physics	69.8	60.6	-	66.6
Chemistry	68.6	53.0	-	56.8
Mathematics	72.4	63.0	-	51.4
Zoology	57.8	-	-	58.2
Botany	52.0	50.8	-	53.0
General Course				
B.A. (Day Section)	36.4	30.0	30.0	30.0
B.A. with Geo (Day)	37.6	-	-	-
B.Sc. (Physical Sc.)	62.8	43.4	-	40.8
B. Sc. (Bio Sc.)	37.6	52.0	-	40.8
B. Com.	35.6	-	-	46.2
B. A. (Morn Sec)	30.0	-	-	-

Key: CC: Chakdaha College; SC: Santipur College; SRLM: Sudhi Ranjan Lahiri Mohavidyalaya; NVC: Nabadwip Vidyasagar College (all the Colleges are in Nadia District and under the affiliation of the University of Kalyani)

2.1.4. Is there a mechanism in the institution to review the admission process and student profile annually?

Yes. The admission committee reviews the admission process of the previous years and student profiles annually and accordingly takes necessary steps for qualitative improvement of the admission process. Accordingly, this year also the admission committee took certain measures to give quality service to students and ensure a smooth and transparent admission process in this current academic session 2015-16. They are:

- Establishment of an admission committee.
- Issuance of guidelines regarding admission.
- Preparation of time table of admission activity and adherence to deadlines.



- Publication of notification with details.
- Proper display of admission programmes.
- Printing of guidelines, admission forms and prospectus.
- Communication of necessary details through College Website and notification.
- Complete lists of all applicants according to the merit hosted in the College Website.
- All merit lists hosted in the College Website.

These mechanisms have paid off as the admission process was conducted smoothly and appreciated by the applicants and other stakeholders.

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

- SC/ST
- OBC
- Women
- Differently challenged
- Economically weaker sections
- Minority community
- Any other

The admission policy of the Institution and its student profiles demonstrate/reflect the national commitment to diversity and inclusion by adopting the following strategies to increase/improve access for following categories of students:

- a) **Students from disadvantaged community-SC/ST/OBC:** Seats are reserved for SC, ST & OBC candidates according to norms laid down in notifications made by the University of Kalyani and West Bengal Govt. Higher Education Dept. Access is ensured to these marginalized groups through the total implementation of reservation-cum-merit as per the orders of the Government of West Bengal.

Social Profile – 2015-16					
	General	SC	ST	OBC	Total
B.A.	1225	735	48	164	2172
B. Sc.	141	85	07	57	290
B.Com.	92	31	00	04	127
Total	1458	851	55	225	2589

- b) **Women:** For women, there is no reservation for admission but the women candidates are provided with equal opportunity. However, one of the objectives of the institution is to spread female education. The number of female students far exceeds that of the male students particularly in the Humanities and Bioscience courses. This clearly indicates that the College is playing an important role in female education.

Gender Profile – 2015-16		
	Female	Male
B.A.	1106	1066
B. Sc.	118	172
B.Com.	22	105
Total	1246	1343

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

The number of students for all the courses is increasing with time. Reasons cited for the same are infrastructure, qualified teaching staff, strict adherence to Govt. rules, co-curricular and extra-curricular activities conducted in the College.

Programmes UG Level		No. of Applications				No. of Students Admitted				Demand Ratio			
		2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
B.A. (Hons)													
1	Bengali	906	741	1143	3139	86	83	104	103	1:10.5	1:8.9	1:11	1:30.5
2	English	1006	872	925	2218	67	75	91	89	1:15	1:11.6	1:10	1:25
3	Economics	27	23	39	80	15	11	14	23	1:2	1:2	1:3	1:3.5
4	History	545	253	501	1057	71	71	85	90	1:7.7	1:3.5	1:6	1:12
5	Pol. Sc.	185	80	137	882	70	35	43	96	1:2.6	1:2.3	1:3.2	1:9
6	Sanskrit	597	402	446	1749	49	49	63	60	1:12	1:8	1:7	1:29
7	Geography	893	695	1034	1143	24	24	32	33	1:37	1:29	1:32	1:35
8	Philosophy				105				54				1:2
B.Sc. (Hons)													
9	Physics	520	227	558	1017	35	34	43	45	1:15	1:7	1:13	1:23
10	Chemistry	497	405	572	912	35	35	45	46	1:14	1:12	1:13	1:20
11	Mathematics	360	397	405	1061	29	31	37	35	1:12	1:13	1:11	1:30
12	Zoology	772	673	1045	1585	32	29	28	28	1:24	1:23	1:37	1:57
13	Botany	276	229	407	856	28	28	30	29	1:10	1:8	1:14	1:30
B.Com. (Hons)													
14	Accountancy	141	126	128	413	73	73	63	77	1:2	1:2	1:2	1:5



General Course

15	B.A.(D.S.)	2257	1621	2384	5295	175	174	191	208	1:13	1:9	1:12	1:25
16	B. A.(DS-G)	209	174	174	149	33	31	35	31	1:6	1:6	1:5	1:5
17	B.Sc.(Ph.Sc.)	425	317	481	740	31	38	36	34	1:14	1:8	1:13	1:22
18	B. Sc. (Bio.)	341	225	494	587	36	36	39	32	1:9	1:6	1:13	1:18
19	B. Com.	100	108	138	247	52	70	64	34	1:2	1:1.5	1:2	1:7
20	B. A. (M.S.)	2525	2395	2845	2834	1309	1527	1544	1366	1:2	1:1.5	1:2	1:2

KEY: D.S.: Day section; DS-G: Day Section with Geography; Phy. Sc.: Physical Science; Bio. Sc.: Bio Science; M.S.: Morning Section

2.2. CATERING TO STUDENT DIVERSITY

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

After the admission process, the Institution and the staff cater to the needs of differently able students in every possible manner so that they do not feel alienated or discriminated.

1) Subject Teachers:

The College has a culture where each teacher is a parent, friend, philosopher and guide of the students. The students are taken care of by the teachers in lectures without making them conscious about their disabilities.

2) Government Scholarships:

Government scholarships are provided as per the rules.

3) Infrastructure:

Special facilities like ramps and railings facilities have been created to help these students in their daily chores.

4) Examination:

Suitable arrangements are made during the examination for the differently-able students such as provision of writers, additional time as per the university rules.

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

Entry level competency and proficiency are taken as the basis of students' knowledge and skills. The Institution assesses the students' needs in terms of knowledge and skills before the commencement of the Programme through interactions with the students.

- The first few internal tests and classroom dynamics help the teachers to identify the students' needs. The strengths and weaknesses of the students are identified and a suitable coaching is provided to such students, which includes remedial teaching.
- They are also provided with platforms like intercollegiate competitions, cultural events and sports etc to exhibit their inherent talents.
- The feedback on different courses given by the students from previous batches also help in understanding the expectations of the students from the courses.



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

To bridge the knowledge gap of the enrolled students and to enable them to cope with the programme of their choice, the following strategies are drawn and deployed by the institution as follows:

- Slow learners are identified.
- Bilingual explanation in classroom lectures and discussions.
- Concept clarification and problem solving exercises.
- Remedial classes are organized for such slow learners.
- Simplified versions of books are recommended to them.

- Revision of topics and special tests are conducted for them.
- Special theoretical, tutorial and practical classes are arranged by each department.
- Teachers motivate students to take part in the activities like NSS, NCC for the holistic development of the students.

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

- The Women's Cell, NARI SANSAD addresses issues related to women staff and students, and Gender Sensitization. It inspires them for empowerment socially and financially. The cell makes woman students aware of the social responsibilities and gives them mental support to fight against sexual harassment of women students and other women of the society. This cell takes initiatives for guidance and counselling of woman students.
- NSS wings and Health Unit of the College sensitize staff and students on various socio-cultural issues and health awareness programmes.
- All the first year students in various programmes of under-graduation undertake projects on environmental awareness.
- NSS organizes tree plantation programme, campus cleanliness etc. to create environment awareness among the staff and students.

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

The Institution identifies special education/learning needs of advanced learners through direct interaction with advance learners and on the basis of feedback of the teacher concerned. The Institution responds to their special education/learning needs by taking the following measures:

- Special books of more advanced level are recommended to them.
- Special coaching classes are organized to remove their doubts and difficulties.
- Assignment preparation on current and topics based on reference books and Internet surfing.
- Student Seminars on selected reference topics are organized by some departments.
- Encouraging students for participation in Quiz, Debate and problem solving Decision making exercises.



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

The College collects data and information on the academic performance of the students and their drop-out from class lectures, class tests, and mid-term and test examination. Such data is used to make strategies to improve the academic performance of the disadvantaged sections of society, slow learners, and economically weaker sections and minimize their dropout rate by taking following measures:

- **For Disadvantaged sections of society:**
 - » There is a provision of West Bengal Government Scholarship for them.
 - » Concessions of tuition fees are also provided.
- **For Slow learners:**
 - » Bilingual explanation and discussions.
 - » Personal, academic and social counseling.
 - » Tutorial, special and remedial classes are organized for such slow learners.
 - » Their daily homework is checked to monitor their progress.
- **For Economically weaker sections**
 - » Free-ship and other concessions are available to them.
 - » Free book, scholarships, student welfare fund and financial assistance are provided.
 - » It is the result of this Programme and the concern of the Institution and the teachers that the dropout rate of the college gets reduced.

2.3. TEACHING-LEARNING PROCESS

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

- **Academic calendar:**

It is prepared by the Academic sub-Committee. The academic calendar is prepared before the commencement of the classes which is reviewed and finalized by the IQAC.
- **Teaching Plan:**

Teaching plan is prepared in the specified format by every staff member as per workload given by the HOD. The teaching plan comprises a brief description of the topic to be covered and the number of lectures required.
- **Evaluation Blue print:**

Examination Sub-Committee based on their logistics, prepare the time frame for conducting the internal mid-term & test examinations (Exam schedule, evaluation schedule, result announcement schedule, marks submission schedule). This enables the examiners and examinees to know the time frame for completion of the process of evaluation and results. Regular notification regarding examination is also a feature of the teaching-learning and evaluation process of the Institution.
- Schedule of the College and University Examination is given in the Academic Calendar at the beginning of the year as guided by the affiliating University.



- Thus, the systematic planning, organization and implementation of teaching-learning-evaluation is possible within the total scheme of the university-schedule. It is rational, realistic and scientific

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

IQAC plans and supports effective implementation for Total Quality Management for Teaching-Learning process for all stakeholders. It contributes to improving the teaching-learning process by:

- It Plans and introduces more teaching aids to improve the teaching-learning process and encourage innovative practices.
- It supports the organization of more seminars, workshops etc. to spread awareness on academic and social issue.
- It arranges for improving the system of teachers' evaluation by students with respect to improving the overall quality of the College.
- It plans and actively participates in enhancing the infrastructural facilities in terms of space, equipment, laboratories, libraries etc.
- It also appreciates, encourages and provides support required by all staff for their quality sustenance and quality improvement in teaching, research and administration.
- It monitors that the academic calendar is effectively implemented in coordination with all the College committees.
- It Reviews students' feedback on teachers and suggest suitable steps for improvement.
- It gives emphasis on motivation of the students for curricular and co-curricular activities.

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

All possible efforts are made to ensure their fullest growth and development in a safe and congenial environment. To make the learning more student-centric, various innovative methods are used by teachers along with the lecture method. Some of them are:

- **Oral Presentations**
 - » Lectures
 - » Lectures with discussions and slides
 - » Extempore, seminar and Power Point presentations
- **Demonstrations**
 - » Common visual aids (Flip Chart/ Posters)
 - » Role play
 - » Exhibitions
 - » Projects and model preparations
- **Collaborative Learning**
 - » Guest speakers
 - » Visits/Tours
 - » Project work
- **Projects**
 - » These innovative methods make the teaching-learning process interactive and interesting. The College provides the facilities of library, internet, OHP and LCD projectors to blend the lecture method with the innovative methods.



- **Interactive learning skill**
 - » Practical sessions are conducted by the teachers for one to one interaction with the students.
- **Collaborative learning skill**
 - » Team participation in projects, workshops, socio-economic survey and educational visits develop collaborative learning skill.
- **Independent learning skill**
 - » Student seminars, field surveys and conferences motivate students for self study.

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 encourages students to be life-long learners and innovators through the combined experience gained during participation in academic, co-curricular and extracurricular activities organized for them. The activities (group and individuals) help students nurture their management skills, marketing skills, leadership qualities and entrepreneurship abilities.

- The College: Provides open access to educational and life-long learning opportunities by inculcating healthy habits like discipline, leadership, entrepreneurship, etc. thereby contributing to the social, cultural, and economic development of our region.
- Organizes seminars and lectures based on curricula (Department of Botany).
- Organizes students' seminar and lectures based on curricula (Department of English).
- Organizes students' seminars (Department of Botany, Chemistry and Bengali) & participation in mock – parliament (Department of Political science).
- Correlates theoretical classes with study tours – visit to scientific laboratory & industries for experimental learning (Department of Chemistry, History & Economics).
- The department of science (Botany, Zoology and Geography) correlates theoretical and practical classes with scientific excursion & field work-related excursion. (Field work included in the curriculum).
- Undertakes project-based work for preparing the students for the job markets (included in the curriculum of Commerce)
- Involves students in organizing exhibition related to their subjects.
- Encourages participatory learning activities like seminars, assignments/project work and use of Internet are encouraged.
- Provides facilities like career and counseling cell, remedial – coaching classes for socio-economically backward students, grievance redressal cell and welfare measure to support students.
- Provides effective mechanism to students to participate in community service through extension programmes to develop innovative, creative, value-based education for inculcating social responsibilities and good citizen amongst its student community (through NSS and NCC).
- Provides mechanism for participation of the students in various cultural and sports activities to foster holistic personality development of students.



Subject wise methods:

- **Bengali, English & Sanskrit:** Lecture method, interactive method of teaching and organizing seminars based on curriculum and audio system.
- **History, Political Science & Philosophy:** Lecture method, interactive method, audio system, seminars based on curriculum, project based learning.
- **Physics, Mathematics & Computer Science:** Lecture method, interactive method, audio-visual mode of teaching & computer-assisted learning.
- **Commerce and Economics:** Lecture method, project based work, interactive method, audio visual mode of teaching and computer-assisted learning.
- **Chemistry:** Lecture method, interactive method, correlate theoretical and practical classes with project-based learning and experiential learning like project-based learning and organizing students' seminar based on the curriculum.
- **Botany, Zoology and Geography:** Lecture method, interactive method, audio-visual mode of teaching, correlate theoretical and practical classes with projects-based learning like scientific excursion and fieldwork included in the curriculum.
- **Education:** Lecture method and interactive method.

2.3.5. What are the Technologies and Facilities available and used by the Faculty for effective Teaching? e.g., Virtual Laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT) , OPEN Educational Resources, Mobile Education etc.

- The use of LCDs and OHPs in few class rooms, laboratory and seminar rooms give an impetus to overall teaching.
- There are well-equipped departmental laboratories.
- There are 3 smart class rooms used as common facility by all the departments.
- Library is equipped with N-List facility.
- The Central library is equipped with Internet facility.
- We have well equipped Computer Labs catering is the demands of different departments.

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

- The students and faculty members are exposed to the advanced level of knowledge and skills through following activities:
- Presentation of papers and participation in National Conferences, seminars, workshops, and academic events by students and teachers.
- Participation of teachers in faculty development programmes organized by the University and other Colleges, Refresher and Orientation courses.
- Arrangement of Study tours, industrial visits and educational visits in every year for students to provide them with an experience of practical knowledge and blended learning.
- Interaction of staff with the experts visiting the College for guest-lectures or as practical examiners for sharing of experience for further enrichment.
- Project-based learning to help the students develop research skills.



- Organization of National and State level conferences to provide the latest knowledge to teachers and the students of the College.
- Educational visits and study tours to widen the learning horizon of both students and teachers.
- Assignment to students are assigned various creative tasks such as writing articles for College Annual and Wall magazines (Departmental Magazines and College Magazine).[Interaction with resource persons during seminars, workshops etc].
- Undertaking of project works in the Department of Commerce.
- Subscription to various journals related to different subjects (Resonance, Current Science, IJPS, IJAE, EPW, Yojana, Kurukshetra etc. provided in College library. In addition to this, books and magazines are purchased by on a regular basis for knowledge up-gradation. Newspapers and Internet are used to keep track of the latest advancements in a particular field.

2.3.7. Detail (Process and the no. of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling / mentoring / academic advice) provided to students

- Financial hardships are the root cause of psychosocial problems, which is duly and practically identified by the College. It supports its students in the form of fee concessions.
- Departments have decentralized systems wherein the HODs along with other members of the department micro-manages the students' concerns and demands.
- Every student is thus given academic, personal, psychosocial supports and guidance services through counseling, and academic advice.

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 students learning?

Innovative methods of teaching:

- The College utilizes the following innovative methods in teaching learning process, whereas the quantum and extent of their usage are based on relevance, situation, appropriateness, activities and outcomes.
- ICT enabled flexible teaching system :
- A lecture assisted by ICT tools is one of the major innovative methods used. Computer assisted teaching learning is used by the department of Economics. Power point presentations using LCD are extensively used by the teachers.
- Active learning:
- A few Departments (Botany for example) encourage students to participate in seminars based on their syllabi; science exhibitions are arranged regularly by the department of Chemistry.
- Evidence based teaching:
- Science departments such as Zoology, Botany, Chemistry and Physics make use of equipment, slides and apparatus for teaching learning purpose.

- Emphasis is on the development of required skills, adequate knowledge and appropriate attitude to approach a solution. Use of acquired skills and knowledge for finding a solution using prepare attitude is noted during participation of students in academic, co-curricular and extra-curricular activities. The present of qualities such as social commitment, morality and ethics in behaviors of students is observed quite often during these activities.
- Problem based learning :
- Problem based teaching sessions are used by all the departments, which include class tests, objective questions, short questions and long questions for practice of solving.
- Student assisted teaching :
- Practical sessions conducted in laboratories, field work, industrial training and projects directly involve students in teaching learning process.
- Narrative based learning :
- Museums in the departments such as Botany and Zoology have good collection of specimens which are available to the students for the study. Charts and diagrams are displayed in the laboratories for the students' learning.
- Impact of innovative practices on student learning :
- Classroom learning is mainly based on chalk and talk methods; interactive methods, collaborative and independent learning methods are also used.
- Issuing library cards to the students and library automation.
- Library provides reference services to readers by maintaining a separate reference section. Encyclopaedia and dictionaries are easily available in the library. Through reference section library provides books related to various competitive examinations like NET/SET, Banking, UPSC, SSC and PSC.
- Faculty feedback system :
- The College has a feedback mechanism to evaluate teachers by the students. The students' feedback is obtained basically on teaching and their responses to Questionnaires.

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

- The College library has subscribed to various journals related to different subjects (Resonance, Current Science, IJPS, IJAE, EPW, *Yojana*, *Kuruskhetra*).
- Books & Magazines are purchased by the college on regular basis for knowledge up gradation.
- The College regularly subscribes leading daily newspapers.
- Newspapers & internet are used to keep track of the latest advancement in a particular field.
- Special help is rendered to students preparing for competitions.
- Old question papers of final examinations in all the subjects are made available to the students.
- Copies of syllabi prescribed by the University are also available to students for ready reference.
- The library staffs keeps the faculty and the students updated regarding its latest acquisitions.
- Almost all departments have Departmental Libraries for the benefit of faculty and students.
- Issuing library cards to the students and library automation.
- Library provides reference services to readers by maintaining a separate reference sections; encyclopedia and dictionaries are easily available in the library.
- Through reference section library provides books related to various competitive examinations like SSC, PSC, and UPSC etc.
- Library answers every query of readers.



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.

No, the College does not face any challenges in completing the curriculum as all the departments plan the teaching hours and the syllabus is completed accordingly. If required teachers take extra lectures to complete the syllabus.

2.3.1. How does the institute monitor and evaluate the quality of teaching learning

- The institute monitors and evaluates the quality of teaching learning by the following methods:
- The College has a feedback mechanism to evaluate the teachers by the students.
- The Principal also regularly meets the Heads of Departments and takes feedback on the teaching-learning progress of each department.
- Besides, the College Grievance Redressal Mechanism also takes care of the quality of teaching-learning.
- Feedback on teaching-learning is also synergized by Parent-Teachers meeting.



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 & 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 Teacher							
D.Sc. / D.Lit.	-	-	-	-	-	-	-
Ph.D.	-	-	9	2	7	1	19
M.Phil.	-	-	0	2	2	1	5
P.G.	-	-	1	0	1	0	2
Govt. Approved Contractual Teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
P.G.	-	-	-	-	3	0	3
Govt. Approved Part-Time Teachers							
Ph.D.	-	-	-	-	0	1	1
M.Phil.	-	-	-	-	-	-	-
P.G.	-	-	-	-	3	9	9
Guest Teachers (Temporary)							
Ph.D.					06	03	09
M.Phil.					03	04	07
P.G.					41	27	68

The regular faculty is employed strictly as per UGC, West Bengal Government and University rules and conditions. Appointment of teachers (whole-time including Principal) of affiliated colleges is made in accordance with the provisions of the West Bengal College Service Commission Act 1978(West Bengal Act LXII of 1978). However, if in any subject where faculty strength falls due to retirement of any teacher and the recruitment of new teacher does not take place in time, the authority takes initiatives to appoint Guest Faculty according to the rules and norms laid down by the University of Kalyani and Department of Higher Education, Government of West Bengal, and the rules made there-under.

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

To meet the growing demand of qualified senior faculty, the College has adopted the practice of knowledge up-gradation of the teachers. This knowledge up-gradation is achieved by motivating the staff members to attend workshops, seminars and conferences of national and international repute. The syllabus-related workshops help the teachers to understand the recent trends in the respective field and update themselves. The teachers are encouraged to do doctoral research and also to apply for research projects.

The College has the freedom to provide competent guest faculty to the students as per the demands of respective courses. Appointments (Guest Faculties) are made in different departments as follows:

Sl. No	Name	Department
1	Somdatta Chakraborty	Physics
2	Bhaskar Biswas	Physics
3	Avik Karmakar	Physics
4	Sanjib Kr. Manna	Physics
5	Meghnad Sikder	Physics
6	Biswarup Chattapadhyay	Mathematics
7	Sangita sarkar	Mathematics
8	Kamalika Das	Mathematics
9	Nabanita Mitra	Mathematics
10	Sampa Sen	Mathematics
11	Sukhen kr. Kundu	Mathematics
12	Goutam Biswas	Mathematics
13	Debasish Paul	Chemistry
14	Sumon Mandal	Chemistry
15	Soma Kar (Mandal)	Chemistry
16	Ankita Sarkar	Chemistry
17	Sanjoy Paul	Chemistry
18	Sourov Kanrar	Chemistry
19	Adrita Banerjee	Botany
20	Soura Tapas Dey	Botany
21	Lipika Saha	Botany
22	Partha Saha	Botany
23	Benoy Kr. Ghosh	Botany
24	Debabrata Pramanik	Zoology
25	Mampi Dutta	Zoology
26	Ritu Roy	Zoology
27	Sumedha Roy	Zoology



28	Prosenjit Ghosh	Zoology
29	Dr. Manashi Debnath	Zoology
30	Atanu Kumar Das	Zoology
31	Sriparna Chakraborty	English
32	Tarun Kumar Bag	English
33	Shreya Basu	Sanskrit
34	Mallika Banik	Sanskrit
35	Yogmaya Roy	Sanskrit
36	Joyita Rana Das	Sanskrit
37	Tripti Sen (Das)	Sanskrit
38	Sovan Chakraborty	Sanskrit
39	Trina Mitra	Pol. Sc.
40	Jamsed Nasir Mondal	Pol. Sc.
41	Bratati Ghosh(Guhathakurta)	Pol. Sc.
42	Ria Sarkar	Economics
43	Uttam Halder	Economics
44	Tusar Kanti Dey	Economics
45	Sreelata Biswas	Economics
46	Pradip kr. Dey	Geography
47	Chandrani das	Geography
48	Rakhi Guha(Rana))	Geography
49	Palash Biswas.	History
50	Samaresh Patra	History
51	Prakash Ch. Das	History
52	Firoj Mondal	History
53	Sudeshna Barui	History
54	Krishna Kamal Ghosh	History
55	Indrajit Sen	Commerce
56	Ajay Ray	Commerce
57	Monisankar Mondal	ENVS
58	Bidisha Roy	Philosophy
59	Moumita Roy	Philosophy
60	Sarbani Sarkar	Philosophy
61	Swati Mitra	Philosophy
62	Samir Mitra	PolSc.
63	Arindam Debnath	PolSc.
64	Giasuddin Shaikh	PolSc.
65	Tamasa Dutta	Bengali
66	Prakash Biswas	Bengali
67	Ajoy Majumder	Bengali
68	Aatreyi Siddhanta	Bengali
69	Sujit Das	Computer science
70	Mrinmoy Roy	Education
71	Bibhas Malakar	Education



72	Subhadeep Chakroborty	Education
73	Amit kumar Das	Geography
74	Pritam Paul	Geography
75	Aditi Sharma	Geography
76	Biplab Saha	Commerce
77	Goutam Dey	Commerce
78	Tapan Ghosh	Chemistry
79	Dr. Sovan Kr singha	Chemistry
80	Bijitesh Halder	Statistics
81	Dr. N.K. Ghosh	Chemistry
82	Dr. Abhijit Biswas	Chemistry
83	Dr. Indranil kundu	Chemistry
84	Jui Ghosh	Computer science

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

The Institution has sent the following number of faculty for enhancing the quality in the Faculty development programmes during the last four years.

a) Nomination to Staff development programmes:

Academic Staff Development Programmes	Number of Faculty Nominated			
	2011-12	2012-13	2013-14	2014-15
Refresher Courses	Nil	03	04	03
HRD Programmes	Nil	Nil	Nil	Nil
Orientation Programmes	Nil	02	01	Nil
Staff Training by the University	Nil	Nil	Nil	Nil
Staff Training conducted by other institutions	Nil	Nil	Nil	07
Summer/Winter schools, Workshops etc	Nil	Nil	Nil	Nil

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

■ Workshop by IQACs

IQAC conducts workshop on various topic as training programmes for new and existing staff

■ Teaching learning methods/approaches

Students' seminars/visits to industries and organizations/summer training and visual teaching-learning methods are used.

■ Handling new curriculum



Whenever new curriculum is introduced by the university, workshops are conducted by the university itself.

■ **Content/knowledge Management:**

- » Use of library, internet, information and communication technology tools and e-journals are utilized for content/knowledge management
- » New reference books are purchased by the library. In case of any difficulty, an expert advice is taken from faculty members of other colleges and university departments.
- » Teachers hold discussion in the department and make suggestions for restructuring of content. Some teacher participates in syllabus restructuring workshops.

■ **Selection, development and use of enrichment materials:**

- » The topics/materials for training are selected on the basis of the current and emerging trends in various areas of specializations.
- » The materials received at the orientation courses/training programme /symposia, conferences/seminars/workshops are suitably use for teaching in the college.

■ **Assessment**

Every teacher attending Orientation/Refresher course is assessed by the respective Academic Staff Colleges. After the assessment teachers received grades as per their performance in the respective course.

■ **Audio Visual Aids:**

Wherever it is necessary audio-visual aids are used by the teachers.

■ **OERs**

All the faculty members are encouraged to use Open Educational Resources such as Open Access E-journals, N-List. Library has subscribed to the membership of INFLIBNET.

■ **Teaching learning material development, Selection and use**

Every faculty member develops latest reference materials to be referred to the students. The knowledge acquired during refresher/orientation course, national, international seminars and conferences is used for the development of the teaching-learning materials.



C) No of Faculty participated in various staff Development Programme?

Faculty	Percentage			
	2011-12	2012-13	2013-14	2014-15
Invited as resource persons in Workshops/Seminar/Conferences organized by external professional agencies	Nil	Nils	Nil	Nil
Participated in external Workshops/Seminar/Conferences recognized by National/International professional bodies	National: 20 International: 01	National: 10 International: 04	National: 08	National: 13 International: 02
Presented papers in Workshops/Seminar/Conferences conducted or recognized by professional agencies	State: 02 National: 01 International: 01	National: 01	State: 02 National: 01	National: 02

2.4.4. What policies/systems are in place to recharge teachers? (E.g. Providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programs industrial engagement etc)

- Necessary infrastructure and fund to organize National/International/State level Seminars and Lectures.
- The College faculty also guides minor/major research projects and research fellows.
- Some faculty members also serve as adjudicators for M. Phil and Ph. D thesis on the State and National levels.
- The management is committed to promote research or otherwise ensure professional development of the faculty.
- The College encourages teachers to participate in academic pursuits and exercises in various forms.

No. of Faculty availed Research Grant and Study leave (Last three years)	No. of Beneficiaries
Grant to present Research oriented Paper in International Seminar	Nil
Study leave Research Work	Nil



Leave	Name of the Faculty	Year
Grant to present Research oriented paper in International Seminar	Nil	Nil
Study Leave Research Work (Ph.D. Work)	Nil	Nil

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

Nil

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

At the end of the year, feedback is obtained from students to assess the standard of teaching of the teachers. Students give their feedback on course content, teaching ability, subject knowledge, method used in teaching and interactive levels. The feedbacks are analyzed by the respective departments, discusses among the subject teachers to overcome the weaknesses and to improve the teaching-learning methodology. The feedback from external peers visiting the department is taken into account by the HOD and the Principal. Their comments and suggestions, observations as resource persons, examiners and judges in the competitions are used for improving the present system.

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 process?

- Detailed information about the evaluation methods and Examination schedule is given in the Prospectus from the time of their admission in a course and also in the Academic Calendar at the beginning of a session.
- The evaluation methods are displayed in the departmental notice board for different subjects. Regular notification regarding examination is also a feature of the teaching-learning and evaluation process of the institution.

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

The College conducts the examinations as per the university rules and the regulations. College ensures that all the reforms of the university are strictly followed. Following are the evaluation reforms of the university:



- **Examination Sub-committee** The College has an examination sub –committee under Teacher’s Council. This sub –committee is working after the entire examination process including preparation of duty roster and allotment of invigilation duties.
- **Internal examination squad** is appointed for prevention and control of malpractices.
- **Grievance redressal cell** address lapses in the working of the examinations.
- **Update of faculty profile:** Faculty profile on university website is updated so that the appointment for examination duties as paper setter, examiner, moderator, coordinator and senior supervisor are allotted accordingly by the university.
- The College, in itself, cannot actively implement any examination reforms although inputs are given regularly to the University which in turn help the authorities to reshape the system.
- Detailed information about the process of examination and the Examination schedule is given in the Prospectus from the time of their admission in a course and also in the Academic Calendar at the beginning of a session.

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 Institute has college committee for examination under the supervisor of IQAC to ensure effective implementation of evaluation reforms. The Institute strictly follows the University norms and guidelines for conducting examinations.
- The College examination committee ensures the smooth conduct of the examination in the Institution by conducting meeting at appropriate times.
- Teachers continuously monitor the performance of students and provide academic guidance and Counseling.
- Regular notification regarding examination is also a feature of the teaching-learning and evaluation process of the institution.

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

1. Curricular front:

- **Formative evaluation approaches**
 - » Special tests for advancement of slow learners are arranged.
 - » Class tests, Mid-term and test examination are conducted.
 - » Class attendance is taken into account.
- **Summative evaluation approaches**
 - University examinations are conducted.

2. Co-curricular front (debates, elocution, and quiz)/Extra-curricular front (Cultural level)

- **Formative evaluation approaches**
 - » Debate Quiz, Singing, dancing and elocution contest are organized.
 - » Students selected are trained.
- **Summative evaluation approaches**
 - » Trained students appear in competition at district, state and national levels.



3. Extracurricular front (Sports Level)

- **Formative evaluation approaches**

- » Sports trials are conducted.
- » Students selected in Sports trial are trained.

- **Summative evaluation approaches**

- » Students who are trained appear in competition at district, state and national levels

- **Impact**

- » Continuous improvement in the performance of the students.
- » Enhancement in the performance of students in the examinations.
- » Overcoming of anxiety, fear, stress, examination fear psychosis and enhancement of confidence.

2.5.5. Details of the significant improvements made in ensuring rigor and transparency in internal assessment during the last four years and weight ages assigned for the overall development of students (weight age for behavioral aspects, independent learning, communication skills, etc.)

Teachers ensure that the students are made aware of the internal assessment evaluation criteria. The assessment and the evaluation record are made available to each student.

The rigor and transparency is maintained during the last four years by

- Weight age for behavioral aspects is not an aspect for assessment as per University guideline
- Independent learning and communication skills are given weight age with the prior knowledge of the students
- The students can check their marks and approach the concerned teacher directly in case of any clarification or discrepancy.
- Attendance is an integral part of the internal assessment. The teachers in our institute compensate attendance as per University guideline for those students who participate in various college programmes.

2.5.6. What are the graduates attributes specified by the college/affiliating University? How the College does ensure the attainment of these by the students?

The graduate attributes specified by the college are in tune with the goals and objectives of the college:

- Teachers use innovative teaching methods for class room teaching. Student enrichment activities consist of educational visits, field visits and seminars enhance their employability etc.
- Cultural activities include Teachers' day, Sharod-utsav, Basonto-utsav, Bhasha Divas. Lecture on human rights helps to develop sense of culture and morality in students.
- Activities like "No Plastic Bags", "AIDS awareness programme", "Blood Donation Camp", "Plantation Programmes" by the students help in development in social commitment.
- Well-equipped laboratories, audio-visual devices, ICT-enabled seminar rooms and well equipped library help to give edge to global competence to the students.



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 monitoring committee in the College. An examination Sub-committee works for grievances regarding the examination. It looks into students' grievances regarding errors in evaluation and it takes necessary steps to rectify them.

- The answer scripts of class tests/assignments are returned to the students after evaluation and they can immediately convey their grievances, if any, to the teachers.
- Grievance redressal cell solves the queries related to examinations of the students.

2.6. STUDENT PERFORMANCE AND LEARNING OUTCOME

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 them.

Yes, the college has clearly stated Learning Outcomes. The College Website very clearly states the vision, mission and objectives of the Institution. The staff and students are made aware of the aims and objectives of Chakdaha College through seminars, discussions and different programmes etc.

- The focus is on all-round balanced development of our students so that they become persons of competence, compassion and conscience who can contribute towards Nation-building.
- The Institution makes all efforts to provide the students opportunities to deliberate on various alternatives and make informed choices, so that they become independent, strong yet sensitive individual with analytical abilities and innovative thinking.
- The focus is also on motivating the students to equip themselves with skills so that after graduating not only should they be able to face any challenges they meet, but they should also become agents of positive changes in the contemporary scenario.
- Learning Outcome of the students is evaluated by assigning topics from time to time (arranged students' seminar by some departments) for presentations and class tests. This helps the students to know the subject and the students also feel free to express their opinion.

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 achievements across the Programme/courses offered.

Academic monitoring: The academic performance is monitored by students' performance through class tests, home assignments and presentations. The students' performances in University examinations (theory and practical) are taken into consideration. The toppers of each section in the final examination and best performers in sports are felicitated accordingly.

Regularity: The regularity of the students is monitored by recording attendance in every class. For this regular circulation of notices is done by the Principal.



Co-curricular and extra-curricular activity monitoring: According to the area of interest in curricular and extra-curricular activities, the students' participation is recorded. The students are encouraged by the teachers to participate in all the activities. The achievers in the activities are awarded.

Monitoring of physical and emotional well-being: There are departmental teachers who monitors the physical and emotional well-being of the students. If any students are found with some academic or personal problems, the teachers of the respective departments along with the senior faculties and the Principal discusses the same and solve the problems.

Analyses of the students' results/achievements: The programme wise result analyses are given below. The list of rank holders of the last four years is given below, which also supports the achievements of the academic programmes.

List of University Rank Holders:

Sl.	Name	Degree	Academic Year	University rank
1.	Dipti Ghosh	B.Sc. (Botany)	2010	1 st
2.	Ananya Roy Choudhury	B.Sc. (Botany)	2012	1 st
3.	Razia Mondal	B.Sc. (Botany)	2015	1 st
4.	Saheli Nath	B.Sc. (Zoology)	2015	2 nd
5.	Amrita Saha	B.Sc. (Chemistry)	2012	2 nd
6.	Ananta Gharai	B.Sc. (Chemistry)	2015	3 rd
7.	Suman Sarkar	B.Sc.(Mathemat ics)	2015	2 nd
8.	Bapi Mondal	B.A. (Pol. Science)	2012	2 nd
9.	Sudipta Mondal	B.A. (English)	2011	1 st
10.	Krishnakali Basak	B.A. (Bengali)	2012	2 nd
11.	Uttaran Das	B.A. (Bengali)	2011	1 st
12.	Yogamaya Roy	B.A. (Sanskrit)	2011	1 st **
13.	Suparna Sarkar	B.A. (Sanskrit)	2012	1 st **
14.	Jui Dutta	B.A. (Sanskrit)	2013	1 st
15.	Priya Das	B.A. (Sanskrit)	2014	2 nd
16.	Ratindranath Shil	B.Com. (Accountancy)	2011	4 th

**** Got Gold Medal**



Analysis of the Students Results (Last five years) (in percentage):

Programme-Wise Details Pass %					
Programme	2010-11	2011-12	2012-13	2013-14	2014-15
B.A./B.Sc./B.Com. Hons. Part-I					
Bengali	95.0	84.5	89.8	82.3	Yet to be published
English	96.3	91.5	75.0	77.7	„
Economics	41.7	0.0	15.4	40.0	„
History	91.0	84.0	86.4	75.0	„
Pol. Science	66.6	34.5	62.3	74.4	„
Sanskrit	94.7	86.6	93.5	76.9	„
Geography	-	86.4	91.7	90.5	„
Philosophy	-	-	-	-	„
Physics	73.7	37.5	95.8	72.0	„
Chemistry	72.7	34.8	59.2	92.0	„
Mathematics	80.7	75.0	82.1	85.7	„
Zoology	50.0	78.9	68.0	65.4	„
Botany	50.0	66.7	84.2	80.9	„
Accountancy	69.6	95.0	65.7	17.1	„
B.A./B.Sc./B.Com. Hons. Part-II					
Bengali	96.7	96.4	94.0	84.0	„
English	97.7	92.3	100.0	73.7	„
Economics	100.0	88.9	60.0	16.7	„
History	100.0	94.0	91.5	79.6	„
Pol. Science	91.6	76.9	89.6	54.4	„
Sanskrit	96.7	97.4	90.5	73.8	„
Geography	-	-	77.8	69.6	„
Philosophy	-	-	-	-	„
Physics	85.0	84.2	84.6	91.3	„
Chemistry	78.9	94.4	100.00	83.3	„
Mathematics	60.0	55.0	77.7	72.0	„
Zoology	83.3	85.7	100.0	90.9	„
Botany	75.0	72.7	100.0	55.6	„
Accountancy	94.6	95.1	87.9	82.2	„
B.A./B.Sc./B.Com. Hons. Part-III					
Bengali	100.0	100.0	94.5	92.2	86.1
English	100.0	97.6	96.4	85.4	88.1
Economics	0.0	75.0	75.0	25.0	-
History	100.0	98.2	100.0	96.4	86.0
Pol. Science	98.1	93.3	97.6	92.3	68.9
Sanskrit	96.8	96.7	100.0	95.1	86.1
Geography	97.4	94.3	97.4	94.4	87.0
Philosophy	-	-	-	-	-



Physics	77.8	83.3	87.5	100.0	95.2
Chemistry	100.0	93.7	88.2	83.3	81.8
Mathematics	75.0	50.0	52.6	92.8	77.2
Zoology	100.0	75.0	100.0	93.7	90.9
Botany	71.4	87.5	100.0	90.0	75.0
Accountancy	97.4	94.3	97.4	94.4	87.0
B.A./B.Sc./B.Com.(General) Part-I					
B.A.(Day)	27.8	36.9 _{SSSS}	30.8	34.6	-
B.A.(Morning)					
B.A. with Geo	61.9	42.8	46.4	52.9	-
B.Sc. (Phy. Sc.)	0.0	50.0	63.1	34.6	-
B.Sc.(Bio.Sc.)	27.3	45.0	27.8	32.1	-
B.Com.	10.7	39.2	66.7	15.2	-
B.A./B.Sc./B.Com.(General) Part-II					
B.A.(Day)	52.8	39.9	52.7	37.6	-
B.A.(Morning)					
B.A. with Geo	76.5	88.9	78.2	84.2	-
B.Sc. (Phy. Sc.)	20.0	-	83.3	78.6	-
B.Sc.(Bio.Sc.)	0.0	50.0	60.0	37.5	-
B.Com.	38.5	0.0	62.5	63.8	-
B.A./B.Sc./B.Com.(General) Part-III					
B.A.(Day)	73.3	74.9	87.7	57.7	55.4
B.A.(Morning)					
B.A. with Geo	100.0	94.1	82.3	76.5	94.1
B.Sc. (Phy. Sc.)	100.0	66.7	100.0	100.0	91.7
B.Sc. (Bio. Sc.)	0.0	100.0	100.0	80.0	42.8
B.Com.	81.2	72.7	100.0	100.0	72.4

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

- Right and defined focus on teaching and learning process.
- The Principal looks after completion of academic standards in minimum 180 days.
- The focus is on conceptual and academic developments through diversified methods of teaching and learning.
- Students are encouraged to participate in various academic, co-curricular and extra-curricular activities.
- They also learn the significance of the values of discipline, commitment and responsibility.
- The departments organize field trips, tours, and educational excursions to provide the students with practical experience to establish a connection between the classroom understanding and real-life situations.

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

- The College has societies like NSS, NCC, *Nari Samsad* and a Placement Cell which enhance the social and economic relevance of the courses it offers. This is also done through:
- The College Magazine and Departmental magazine.
- Co-curricular activities such as seminars organized by departments.
- The Institution takes the initiative to enhance the attitude of research, development and innovation.
- The Institution motivates students to take part in various competitions conducted by the College. The Competitions like debate, elocution, essay writing, review writing, quiz etc. enhance their power of critical thinking.

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 student learning outcome is indicated by the marks obtained in the evaluation process and performance of students in co-curricular and extracurricular activities. The Institution collects the data on student performance and learning outcomes in the following way.

- In the course of interaction with students in class, the individual faculty members identify the needs and potential of the students.
- Data on student performance is collected through tests/assignments/projects/presentations for internal assessment as well as through the final examination results.
- Data is analyzed through personal dialogue with the students, departmental meetings, and the meeting called by the Principal of all the stakeholders.
- Teacher guides the students about how to write specific answers in the examination and complete it within time using previous question papers.
- Teachers give home assignments to evaluate the learning outcome of the students.
- The participation / non-participation and performance of students in co-curricular and extracurricular activities are monitored by the departmental teachers.



- The analysis of this data enables the Institution to identify areas where improvement is needed, through measures like :
 - » Exposure to other perspectives and the benefit of external expertise through talks, seminars, etc.
 - » Extra/remedial classes, personal and career counseling.
- The data relating to student performance and learning outcome are analyzed by the teacher on the basis of marks or the performance of the students in presentations and class tests. If students have a weakness in any area, teachers attempt to motivate them to improve their performance.

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

The Institution has well laid goals and objectives for each programme with clearly defined learning objectives. The teaching learning strategies have been fine tuned to achieve the expected learning outcomes leading to the emergence of graduates with competence in all the domains of learning-cognate, affective and psychomotor.

These learning outcomes are monitored in the following manner:

- Students' performance in home assignments, seminars, group discussions, and class tests, practical and written examinations is monitored and discussed with the students.
- Month wise attendance of the students is monitored by the teachers.

The achievement of the learning outcomes is ensured through the following strategies.

- Periodic review of updated curriculum.
- Adoption of blended teaching-learning methods.
- Learner centric and ICT enabled approaches.
- Continuous internal assessment
- Feedback from faculty and parents.

2.6.7. Does the institution and individual teacher 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.

Yes, the institution and teachers use assessment / evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning.

- A student's performance is an indicator of his grasp and understanding of a subject.
- It also reflects the strengths and skills that will stand him in good stead in the future.
- The final results serve as the basis for further academic/professional planning.
- The teacher evaluates the results of the students and identifies those with poor performance. The teacher tries to help the student through special assistance or counseling.
- The teacher acts as an ambassador and utmost care is taken to solve any problems which are an obstacle in the performance of the student.

Any other relevant information

- The College has a transparent admission policy.



- The College focuses on enhancing the teaching-learning process through innovative, inter-disciplinary practices.
- The College has attracted and retained the best human resources in the form of highly qualified and experienced faculty.
- The College has succeeded in making the teaching-learning process student-centric and student-friendly.
- The students attending sports training/tournaments and students with medical problem are adjusted with the internal examination schedule.
- The students seeking admissions for higher education in reputed institutes in India and abroad are readily given suitable recommendation letters.
- Students are given guidance even after they leave the institute.



Criterion- Wise Analytical Report

Criterion: III Research, Consultancy And Extension



3.1 PROMOTION OF RESEARCH

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

No, Chakdah College does not have any recognized research centre.

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

Yes, in the recent past a 'Research & Publication' Sub-Committee has been formed in our College comprising following members who monitor the overall matters regarding research:

- Dr. Swagata Das Mohanta, Principal
- Dr. Anjan Sengupta, Jt. Convenor
- Dr. Amit Kumar Chakraborty, Jt. Convenor
- Dr. Partha Dutta, Jt. Convenor and eight more faculty members

Few recommendations made by the committee for implementation and their impact:

1. The 'Research & Publication' sub-committee motivates the faculty members to apply for M.Phil./Ph.D./Post-Doc. programme and also recommends the College authority to sanction necessary leave as per rule. It also provides necessary guidelines to the faculty for applying Ph.D./M.Phil and other Faculty Development Programmes according to UGC norms.
2. It recommended the College authority to provide the minimum basic infrastructural facility to the faculty members to carry out the research work.
3. The 'Research & Publication' sub-committee extends necessary help and provides necessary guideline to the interested faculty members to apply for research grants from different sponsoring agencies like UGC, CSIR, DST, DBT etc.
4. The sub-committee also encourages every department to apply for grant for organizing Seminars, workshops etc.
5. The Governing Body has already formed 'Center for Academic Programme and Research' (CAPR) based on the recommendation of 'Research & Publication' sub-committee which has decided to bring out an edited volume entitled "Higher education in India: Prospects and Challenges" very soon by the leadership of Dr. Partha Dutta as the Co-ordinator. An 'advisory committee' has also been formed consisting of eminent academicians like Prof. Smriti Kumar Sarkar, Hon'ble VC, the University of Burdwan, Prof. Apurba Chattopadhyay, Department of Economics, Visva-Bharati University and Prof. Chittbrata Palit, Prof. Emeritus, Jadavpur University.
6. It encourages the faculty members to act as supervisor in guiding the students to their Ph.D./M.Phil degree.



Impact of the Recommendations:

<i>Recommendations</i>	<i>Impact</i>
Minimum Basic Infrastructural facility	The college authority has tried to provide space in the departments wherever possible to carry out research activities by the faculty members. It has provided computers, printers, scanners etc. to some of the departments and internet facilities at the computer lab. The authority has started purchasing books and subscribes some journals.
Application for research grant	Already eight numbers of Minor Research Projects have been successfully completed during 2010-2015. Single number of Minor Research Project is currently ongoing. Some more applications for MRP have been made for seeking research grant from UGC.
Publications	One edited volume entitled “Higher education in India: Prospects and Challenges” is to be published very soon. Besides, many departments publish their own Departmental Magazines. Proceedings and abstracts have also been published during National/State/College level seminars organized by our College.
Seminars, workshops etc.	During 2010-2015, the College has received funds from UGC and organized national level seminars by different departments. Many eminent academicians illuminated those programmes.
Enrolment in Ph.D./M.Phil. programme	At present two faculty members have been enrolled in different Universities for their Ph.D. degree.
Supervising students for Ph.D. /M.Phil. degree	Some faculty members have already acted as Ph.D/M.Phil. Supervisors. At present Dr. Amit Kr. Chakraborty and Dr. Partha Dutta are acting as Ph.D. supervisors.

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:** Full and responsible autonomy is given to the Principal Investigator of different sponsored projects by the College authority to facilitate smooth progress and implementation of research schemes/projects from its inception to completion.
- **Timely availability or release of resources:** The College authority makes all necessary arrangements to release the grant of different projects without any delay.
- **Adequate infrastructure and human resources:** Basic infrastructure and other support



services are provided by College for smooth progress and implementation of research schemes/projects. The authority has already provided computer and internet facilities to some of the departments like Physics, Chemistry, Mathematics, Zoology etc. Moreover, there is a central computer facility with internet connections having a large number of desktops (22), laptops (03), printers (05), projector (01), SLR camera (01), Xerox (01) and scanners (03). The authority also purchased books and journals according to the needs of the faculty.

- **Time-off, reduced teaching load, special leave etc. to teachers:** Due to shortage of staff almost in every department, the College cannot afford to reduce teaching load for the sake of the students. However, the authority extends its all necessary supports to carry out research work. The teachers are granted 'leave on duty' to present their research work in different seminars, conferences, workshops etc.
- **Support in terms of technology and information needs:** Computers with internet facility have been provided to some of the departments. A central computer facility having internet connections, printing and scanning options is also accessible to all the stakeholders. The INFLIBNET facility through N-List has been arranged to access a pool of Journals and e-books. Moreover, the College authority is going to introduce wi-fi enabled campus very shortly.
- **Facilitate timely auditing and submission of Utilization Certificate to the funding authorities:** The authority assures the PI and make necessary arrangements for timely auditing of received grant and submission of Utilization Certificate to the funding authorities in due time.
- **Any other:** The College authority extends all the required support to promote research activities in the institution.

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

Though the primary aim of the College is to facilitate the all-round development of undergraduate level of teaching, the developing of scientific temper and research culture among the students are also considered with prior importance.

Some of these initiatives are given as under:

- By arranging Seminars/Conferences/Workshops by the different Departments where the students can directly interact with the eminent academicians.
- By undertaking field based survey, excursions, etc.
- By providing a large number of books and e-books/journals through N-List.
- Wi-fi enabled campus will be provided very soon.
- By organizing science exhibitions and encouraging students to be directly involved with them.
- By providing the information of different examinations and courses which can be availed by the students after completing their undergraduate courses.



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.).

a) Faculty involvement in guiding student research:

The guiding of students is beyond the scope of our institution, though some of the faculty members of different departments are actively engaged in guiding and supervising students under different Universities. They include:

(i) **Dr. Sadasiv Chakrabarti, Associate Professor and Head of the Department of Mathematics**

Sri Partha Pratim Chakrabarti had been awarded Ph.D. Degree on ‘Some properties of sets and mappings related to measurable sets and density of sets’ under joint supervision of Dr. Sadasiv Chakrabarti and Prof. A. G. Das, University of Kalyani. [Vide No. Ph.D./Regn./Mathematics/PPC/05]

(ii) **Dr. Arun Kumar Nandi, Associate Professor and Head of the Department of Economics**

Dr. A. K. Nandi, has been selected as one of the Co-Project Directors under the Sponsored Research Project Programme of the ICSSR entitled “Problems and Prospects of Production and Marketing of Vegetables, Fruits and Flowers in West Bengal: Context of Agrarian Distress”. The host Institute to conduct this research work is the Department of Economics, WBSU, Kolkata. The total amount sanctioned for the project is Rs. 18 lacs. [Vide F. No. G-32/2015-16/ICSSR/RPS]

(iii) **Dr. Amit Kr. Chakraborty, Assistant Professor and Head of the Department of Commerce**

Sri BiplabSaha is working in University of Kalyani for his Ph.D. Degree on ‘Impact of Micro Finance on Women Empowerment: An Empirical Study with Special Reference to North 24 Pgs. District, India’ under supervision of Dr. Amit Kr. Chakraborty. [Enrolment done, Registration will be completed after the Course Work.]

(iv) **Dr. Partha Dutta, Assistant Professor and Head of the Department of History**

Acting as Supervisor of Sri Samir Mondal, working on “Women education in Bengal” and Sri Asim Mondal, working on “Fairs and festivals in Nadia: Evolution and Development” under University of Kalyani for their Ph.D. degree. [Enrolment done, Registration will be completed after the Course Work.]

b) Faculty involvement in leading Research Projects:

Minor Research Projects:

(i) **Dr. Arun Kumar Nandi, Associate Professor of Economics**

Undertook a Minor Research Project entitled “Structural Change and Labour Absorption in West Bengal Agriculture” and got financial assistance of Rs. 80,000/- from UGC[vide PHW-063/07-08 (ERO) Dt. 21.02.08].

(ii) **Dr. Siddhartha Dutta, Assistant Professor of Bengali**

Undertook a Minor Research Project entitled “Women in modern Bengali literature (1961-2000)” and got financial assistance of Rs 50,000/- from UGC[vide PHW-061/07-08 (ERO) Dt. 21.02.08].



(iii) Dr. Jay Sankar Basu, Associate Professor of English

Undertook a Minor Research Project entitled “English literature & Film” and got financial assistance of Rs. 100,000/- from UGC [vide PHW-062/07-08 (ERO) dt. 21.02.08].

(iv) Smt. Alo Bhattacharyya, Associate Professor of History

Undertook a Minor Research Project entitled “Female education of Bengal & Brahamo religion” and got financial assistance of Rs. 80,000/- from UGC [vide PHW-057/08-09 (ERO) dt. 12.12.08]

(v) Dr. Mandira Roy, Associate Professor of Bengali

Undertook a Minor Research Project entitled “Bengali drama: dramatist Tulsidas Lahiri” and got financial assistance of Rs. 46,000/- from UGC [vide PHW-116/09-10 (ERO) dt. 07.09.09].

(vi) Smt. Sandhya Sarkar, Associate Professor of Sanskrit

Undertook a Minor Research Project entitled “The Ethereal Beauty Kavya Oriented” and got financial assistance of Rs. 61,000/- from UGC [vide PHW-117/09-10 (ERO) dt. 07.09.09].

(vii) Dr. Subhatosh Biswas, Associate Professor of Zoology

- Undertook a Minor Research Project entitled “Study of Biodiversity of snakes and their conservation in Nadia district of W.B.” and got financial assistance of Rs. 99,750/- from UGC [vide PSW-102/09-10 (ERO) dt. 08.10.09].
- Undertook another Minor Research Project entitled “Documentation of Biodiversity of 7 Villages of Tatla Panchyet II of Chakdaha Panchyat Samity, Chakdaha, Nadia” and got financial assistance of Rs. 60,000/- from DBT (W.B.) [vide 431/5K (Bio)- 2/07 dated 22.09.09].

(viii) Dr. Barun Kumar Dutta, Associate Professor of Mathematics

Undertook a Minor Research Project entitled “Studies in stochastic dynamical systems” and got financial assistance of Rs. 1, 82,500/- from UGC [vide PSW-101/09-10 (ERO) dt. 08.10.09].

(ix) Dr. Amit Kumar Chakraborty, Assistant Professor of Commerce

One Minor Research Project entitled “An Empirical Study on Identification of Negative Factors of W.B. Tourism” is currently running with a financial assistance of Rs. 2, 45,500/- from UGC [vide PHW-127/14-15 (ERO) dt. 09.02.2015].

(c) Faculty involvement in individual/collaborative research activity, etc.:

Some of the faculty members used to interact/collaborate frequently with the scientists and academicians of other reputed Universities/Institutes for their own research projects. Even they get some help regarding instrumental and library facilities from the different departments of the University of Kalyani and other institutes also. Such collaboration really helps our faculty members to have an in-depth knowledge regarding the modern day’s research. Moreover, the faculty members have presented a large number of research papers in various National/International seminars/conferences in their individual capacity and also in collaboration with faculties of other Universities/Institutes. Some research publications in National and International Journals are also made in a collaborative way.



Two faculty members are at present involved in pursuing their **Ph.D. work**.

Faculty Pursuing Ph.D. Programme in Different Universities			
No	Name of the Faculty	Department	University
1	Sri Sarbajit Paul	Commerce	The University of Burdwan
2	Smt. Shilpi Sarkar	Sanskrit	JNU, New Delhi

Three of the Faculty Members have been awarded Ph.D. Degree by different Universities during 2010-2015

Name	Subject	University	Year
Dr. Sabina Jesmin	Philosophy	Rabindra Bharati University	2010
Dr. Iftikar Alam	Geography	Visva-Bharati University	2012
Dr. Sahanous Mallick	Mathematics	University of Calcutta	2014

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 College authority encourages capacity building by regularly taking up different seminars, sensitizing programmes, workshops etc. organized by various Departments of the College and thus imparting research culture to the staff and students.

- UGC sponsored two-days National Seminar on “**Rabindranather Krishi Silpoo Samabay Bhavna: Tar Prasangikata**” (Rabindra Tagore’s vision of Agriculture, Industry and Co-operative Movement: Its relevance) organized by the **Dept of Bengali**, Chakdaha College on 13.02.2009 and 14.02.2009 [vide F.C Policy 01/08-09(ERO) 19.12.2008].
- UGC sponsored one-day State Level Seminar on “**Evil and its Ramifications in Shakespeare: Macbeth and Other plays**” organized by the **Dept of English**, Chakdaha College on 06.08.2010 [vide C.W-128/09-dt. 18.03.2010].
- UGC sponsored two-days State Level Seminar on “**Combating the threat of Climate Change: Redemption for Humanity**” organized jointly by the **Dept of Botany, Chemistry, Physics, Mathematics, Zoology and Economics**, Chakdaha College in collaboration with Shimurali Sachinandan College for Education, Nadia on 03.09.2010 and 04.09.2010 [vide C.W-081/09-10 dt. 23.03.2010].
- UGC sponsored one-day National Seminar on “**Acharya Prafulla Chandra Roy: Revaluation of life and works on his 150th Birth Anniversary**” organized by the **Dept of Chemistry**, Chakdaha College in collaboration with Shimurali Sachinandan College for Education, Nadia on 25.11.2011 [vide C.W.-281/10-11 (ERO) dt. 22.03.2011].



- UGC sponsored two-days National Seminar on “**Human Right and the Indian State**” organized by the **Dept. of Political Science**, Chakdaha College in collaboration with Netaji Subhash Open University, Chakdaha College Centre on 20.12.2011 and 21.12.2011 [vide C.W.-283/10-11 dt. 28.03.2011].
- UGC sponsored one day National Seminar on “**Green Sources vis-a-vis Carbon-rich Power Generation: A Challenge Ahead**” organized by the **Dept. of Physics**, Chakdaha College in collaboration with Ranaghat College, Nadia on 10.01.2012 [vide C.W.-282/10-11 (ERO) dt. 22.03.2011].
- UGC sponsored one day National Seminar on “**Influence of Sanskrit literature on Rabindra Treatise, 2012**” organized by the **Dept. of Sanskrit**, Chakdaha College in collaboration with Netaji Subhash Open University, Chakdaha College Centre on 17.01.2012 [vide C.W.-84/10-11 (ERO) dt. 22.03.2011].
- UGC sponsored one day State Level Seminar on “**Diabetes a Silent Killer**” organized by the **Dept. of Zoology**, Chakdaha College in collaboration with Kalyani Mahavidyalaya, Nadia on 02.03.2012 [vide C.W.-285/10-11 (ERO) dt. 22.03.2011].
- One day Seminar on “**Quality Improvement in Higher Education**” organized by the **Chakdaha College** on 19.08.2015 [Funded by College].

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

- A number of faculty members are actively engaged in research and thus most of them have expertise in different cutting edge research areas, which include:
- **Priority areas of Research among the Arts Faculty members:** Labour History and Tribal History, Film Studies, Indian Drama, Drama in English Literature, Bengali Literature & Theatre, Indian and Foreign Politics.
- **Priority areas of Research among the Science Faculty members:** Differential geometry, Theory of relativity and cosmology, Water Treatment, Synthetic Material Chemistry, Bio-chemistry, Ecological studies, Labour and Habitat Studies
- **Priority areas of Research among the Social Science & Commerce Faculty members:** Urban infrastructure in small and medium town, Wetland reclamation, E-commerce, Banking and Finance, Share investment, Consumer laws

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

To promote the modern day’s research and motivate the faculties and students, our College regularly organizes seminars, departmental talks etc. and in this way the students and the staff get involved in interaction with the eminent academicians and researchers.

Some of the eminent academicians and researchers who visited our College in recent days are as follows:

- Prof. Tapas Mandal, Professor, BCKV and Member of Parliament, Ranaghat Parliamentary Constituency.
- Prof. Subhankar Chakraborty, Ex Vice-Chancellor, Rabindra Bharati University
- Sri Debesh Roy, Educationist and Writer
- Sri Sujato Bhadra, Human Rights Activist



- Dr. Dipak Das, Preventive Cardiologist and Diabetologist
- Prof. Nikhilesh Chakraborty, Ramkrishna Mission Institute of Culture
- Prof. Pradip Kumar Bhowmick, Rural Development Centre, IIT, Bhubaneswar
- Dr. Tapas Das, Scientist F, BARC, Mumbai

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?

There is no provision of Sabbatical leave for research activity in the Statute of the University of Kalyani. However, the teachers could avail ‘Study Leave’ for pursuing higher degrees.

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

The College does not have any formal mechanism for communicating the results of the research work done by the faculty members to the students or the community. However, the following initiatives are taken by the College authority to advocate the research results to the students and the society:

- Teachers are encouraged to present their research findings in different State Level, National and International Seminars, workshops, conferences etc.
- They are also motivated to publish their research results in different peer-reviewed National, International Journals, Books, Edited volumes, Seminar Proceedings etc.
- There is also an “Arsenic Detection Centre” in our College run by the faculties of the Department of Chemistry which measures the amount of arsenic in drinking water and thus makes the students and also the people aware about the threat of arsenic poisoning.
- Every student has to carry out a project work on environmental science emphasizing the different socio-economic and environmental issues.

3.2 RESOURCE MOBILIZATION FOR RESEARCH

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

The College does not have any specific research centre and there is no provision of budget earmarked for research as such. However, faculty members are always encouraged to apply for different Research Projects and they could mobilize their financial resources from UGC, DST, and DBT etc. The College authority provides all necessary help as required and permitted within the rules.

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 no provision in the College to provide seed money to the faculty for research. However, the authority extends all kinds of necessary help to every faculty members providing basic infrastructural facilities for carrying out research work.

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

There is no provision in the College to provide financial help to support research projects by students. However, students may be enrolled for Ph.D. work with any research fellowship under the proper guidance of our faculty members.

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

The various departments and staff of the College frequently interact with each other in understanding the in-depth knowledge about any modern and inter-disciplinary research. Some fruitful endeavors are:

- Organizing inter-disciplinary Seminars and Departmental talks.
- Publishing one edited volume entitled “Higher education in India: Prospects and Challenges” comprising complete collaborative researches.

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

In order to ensure the optimal use of various equipment and research facilities in different departments of the College by its staff and students, the authority has taken some necessary steps in the following way:

- All the laboratories/equipments/computers etc. are easily available to every staff of the College for their research work.
- Internet facilities are provided to staff and students.



- Individual student is encouraged and guided by the efficient faculty and skilled laboratory staff in analyzing effective learning of technical skills as required for operating various sophisticated equipments such as spectrophotometer, colorimeter, pH-meter, conductivity meter, micro centrifuge, simple microscope, binocular microscopes, microtome, electronic balance, clinical centrifuge, autoclave, serological water bath, stage and ocular micrometer, hot plate, polar meter, camera lucida, travelling microscope, tripod dumpy level, egg incubator, static incubator, hot air oven, electronic balance, biochemistry analyzer, etc.
- By providing electronic access to a large number of Journals and Books.

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.

The College is yet to receive any special grants or finances from the industry or other beneficiary agency for developing research facility.

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.

The College authority extends all necessary help to each faculty member to apply for research grants from different sponsoring agencies and also provides basic infrastructural facilities to carry out and successfully complete the research projects.

Details of completed and ongoing projects and grants received during the last four years

Name of the Researcher	Duration	Title of the Project	Name of the Funding Agency	Total Grant		Total Grant Received till date (in Rs)
	Year From To			Sanctioned (in Rs)	Received (in Rs)	
Dr. Mandira Roy	2009-2011	Bengali drama: dramatist Tulsidas Lahiri	UGC	46,000/-	46,000/-	46,000/-
Smt. Sandhya Sarkar	2009-2011	The Ethereal Beauty Kavya Oriented	UGC	61,000/-	61,000/-	61,000/-
Dr. Subhatosh Biswas	2009-2011	Study of Biodiversity of snakes and their conservation in Nadia district of W.B.	UGC	99,750/-	99,750/-	99,750/-



Dr. Subhatosh Biswas	2009-2011	<i>Documentation of Biodiversity of 7 Villages of Tatla Panchayet II of Chakdaha Panchyat Samity, Chakdaha, Nadia</i>	DBT (W.B.)	60,000/-	60,000/-	60,000/-
Dr. Barun Kumar Dutta	2009-2011	<i>Studies in stochastic dynamical systems</i>	UGC	1,82,500/-	1,82,500/-	1,82,500/-
Dr. Amit Kumar Chakraborty	2015-running	<i>An Empirical Study on Identification of Negative Factors of W.B. Tourism</i>	UGC	2,45,500/-	2,12,500/-	2,12,500/-

3.3 RESEARCH FACILITIES

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

Though our College is mainly an Institution for undergraduate level, the following facilities are available to both the students and the faculties for active research work within the College campus:

- Various well-equipped laboratories in different departments like Physics, Chemistry, Botany, Zoology, Geography and Computer Science.
- Central Computer facility with internet connections.
- Central Library with more than 25000 Books and also a good number of Journals, Periodicals, Magazines, Newspapers etc.
- Free accessibility to full-text e-journals and e-books through INFLIBNET and N-List.
- Departmental Library
- Projector facility is also availed by the teachers of some departments to demonstrate their lectures in a more attractive way.
- Space to carry out Minor Research Projects.
- Publications of Edited Volume with Research Papers of the faculty and to organize Research oriented Seminars.
- Photocopy facility in the Staff room and office

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?

Being an Institution for undergraduate level, the scope for focusing on new and emerging areas of research is very limited. However, the strategies of the College are to provide the basic infrastructural facilities and create synergies between teaching-learning methods with modern day's research. It has stipulated the following strategies:

- Monitoring the various research projects funded by UGC, DBT, etc.
- Updating teachers about various fellowships and motivate them in applying for the same.
- Providing the basic infrastructural facilities in the College to carry out Minor/Major Research Projects.
- 'Leave-On-Duty' is granted to the teachers to present their research papers in seminars, conferences and workshops.
- Central Computer laboratory with internet facility for all the staff and students
- Procurement of Research Journals, e-journals, e-books etc. through INFLIBNET.
- The College authority has also approved grant to organize Seminars on Thalassemia awareness and 'Quality Improvement in Higher Education'.



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.

- The College is yet to receive any special grants or finances from the industry or other beneficiary agency for developing research facilities.
- The Research facilities are mainly created by the grant provided by UGC for purchasing instruments for College level and also for carrying out Minor Research projects.

Department wise Lab-equipment/instruments purchased during 2010 – 2015

Department of Physics	Year/Session	Equipment type	No.	Amount (Rs.)
	2010-11	Galvanometer	4	6687=00
	„	Calendar-Barnes App.	1	1760=00
	2011-12	Potentiometer	2	4830=00
	„	Meter bridge & accessories	2	4206=00
	„	Function Generator	2	12485=00
	„	Mercury lamp/ Prism	2/2	3275=00
	2012-13	Meter bridge & accessories	2	8782=00
	„	Power supply	1	6641=00
	„	Digital Function Generator	1	7443=00
	„	Micro-Processor	1	7875=00
	„	P.O. Box set	2	9450=00
	2013-14	Anderson Bridge with coil	1	6298=00
	„	Lamp & Scale arrangement set	2	5496=00
	„	Variable Capacitor box	2	2748=00
	„	DC Digital Ammeter	4	2730=00
	„	Potentiometer/ Meter Bridge	2/3	22156=00
	2014-15	No purchase of equipment till date	-	--

Department of Chemistry	Year/Session	Equipment type	No.	Amount (Rs.)
	2010-11	Digital Conductivity meter	2	16429=00
	„	Polar meter.	1	4370=00
	„	Spectrophotometer	1	112500=00
	2011-12	Conductivity meter	1	10780=00
	„	Potentiometer	1	8950=00
	„	Electronic Balance (0.01)	1	4680=00
	„	Electronic Balance (0.001)	1	19970=00
	„	Chain Metric Balance	4	15800=00
	„	Weighing Box	4	2780=00
	„	Sodium vapour lamp	1	3200=00
	„	Centrifuge	1	5200=00
	„	Melting Point bath	1	4600=00
	„	Heating Mantle	1	1600=00
	„	Magnetic stirrer with Hot plate	2	9890=00
	2012-13	Digital pH meter with Electrode	1	11986=00
	„	Nickel Crucible	6	2580=00
	2013-14	Bunsen burner	10	650=00
	„	Kipp's apparatus	1	3300=00
	„	Fume chamber	2	62398=00
	„	LPG Burner	22	5280=00
	„	4 way Gas cock	1	2200=00
	2014-15	Transformer for SVL	6	1870=00

Department wise Lab-equipment/instruments purchased during 2010 – 2015

Department of Botany	Year/Session	Equipment type	No.	Amount (Rs.)
	2010-11	No purchase of equipment	-	--
	2011-12	Bristol students' microscope	14	35000=00
	„	KF-4 Getner microscope	1	7650=00
	„	Bristol simple microscope	2	2400=00
	2012-13	pH meter	1	13200=00
	„	Pan Balance	3	3150=00
	„	Ocular Micrometer	2	1700=00
	„	Stage Micrometer	2	3200=00
	„	Camera Lucida Prism type	4	3800=00
	„	OHP Liberty with automatic folding type	1	11500=00
	„	Herbarium Cabinet	1	11875=00
	„	Electronic Balance of 100gm. capacity	1	17000=00



2013-14	No purchase of Equipment	-	--
2014-15	Desiccators Tarson	1	4194=00
„	Respiroscope with clamp/stand	2	2600=00
„	Desiccators Tarson	1	4195=00
„	Hot plate	1	1800=00
„	Ocular Micrometer	9	2520=00
„	Stage Micrometer	9	8910=00
„	Camera Lucida (Prism type)	8	14400=00

Year/Session	Equipment type	No.	Amount (Rs.)
2010-11	Hemoglobin meter	3	1950=00
„	Electronic balance	1	19900=00
„	Sphygmomanometer	1	1380=00
„	Slide cabinet with 500 slide capacity	1	2100=00
2011-12	Museum specimens	-	4566=00
„	Dissecting trays	40	2800=00
„	Micro-microscope	1	2000=00
2012-13	Compound microscope	10	24850=00
„	Trinocular microscope	1	34800=00
„	Monocular comp. microscope	8	36120=00
„	Stage micrometer	15	11250=00
„	Ocular micrometer	15	4200=00
„	Camera lucida	20	8500=00
„	pH meter	1	12400=00
„	Compound microscope	7	22400=00
„	Binocular dissecting microscope	1	12500=00
„	Adapter for microscope	1	5000=00
„	Electrophoresis set	1	23500=00
„	Razor of microtome	1	7400=00
„	pH electrode	2	3300=00
„	Dissecting trays	15	2970=00
2013-14	No purchase of equipment	-	--
2014-15	No purchase of equipment till date	-	--

Department of Zoology



Department of Geography	Year/Session	Equipment type	No.	Amount (Rs.)
	2010-11	Mineral pieces	11	1210=00
	„	Rocks pieces.	17	1870=00
	„	Air photo graphs set	3	1800=00
	„	Weather maps set	3	600=00
	2011-12	No purchase of Equipment	-	--
	2012-13	Dumpy level with folding metallic stand, Brass body in wooden box	7	53200=00
	„	Prismatic compass with folding metallic stand	7	11466=00
	„	Mirror stereoscope with Binocular	2	38000=00
	„	Theodilite with metallic stand	2	29300=00
	„	Levelling stuff with Carry leg	12	9360=00
	„	Clinometers	2	2950=00
	„	Abney level	10	10700=00
	„	Toposheet Survey of India pieces	100	9500=00
	„	Ranging Rod pieces	24	2760=00
	„	Measuring tape	5	1900=00
	„	Plum bob with thread	10	730=00
	„	Plan meter in box	5	6300=00
	„	Minerals pieces	35	11900=00
	„	Rocks pieces	35	11375=00
	2013-14	No purchase of equipment	-	--
	2014-15	Knife/ Struck plate/Bar magnet	2/2/ 4	1350=00

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

As it is an Undergraduate College, the students generally do not visit places outside the College campus for getting research facilities. But a number of students perform some summer projects at reputed Institutes like, IISER, IACS etc. There is also provision for some departments to go for excursion. Moreover, the students who are enrolled for their Ph.D. work under the supervision of the faculty members of our College can easily access the library and other facilities of the corresponding departments of the University of Kalyani and other related Universities/Institutes.

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

The facilities available are as follows:

- The Central Library houses over 25000 books and subscribes to total 19 Journals, periodicals, magazines and some news papers.
- Access to full-text e-journals and e-books are available through INFLIBNET and N-List.
- There is a different reading/searching enclosure.
- Photocopy facility is available at the Library.
- Some of the departments have also rich library facility.
- Basic infrastructural facilities are provided to each faculty for carrying out research work.
- OPAC facility is under process.

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

The College at present does not have any collaborative research facilities developed/created by any research institute. However, many faculty members are constantly negotiating with other institutes to carry out their research work.



3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of Patents obtained and filed (process and product), Original research contributing to product improvement, Research studies or surveys benefiting the community or improving the services, Research inputs contributing to new initiatives and social development.

- **Patents obtained and filed (process and product):** Nil
- **Original research contributing to product improvement:** This includes experimental work on the syntheses of some metal complexes of biological and material importance.
- **Research studies or surveys benefiting the community or improving the services:** Dr. Amit Kumar Chakraborty, Assistant Professor in Commerce, is presently engaged in UGC funded research project entitled “An Empirical Study on Identification of Negative Factors of W.B. Tourism”, the findings of which will give a direction and vision to establish the sustainable growth of tourism industry in W.B.
- **Research inputs contributing to new initiatives and social development:** Though it is not presently under any research project, still the Department of Chemistry took the initiatives to run an “Arsenic Detection Centre” which measures the amount of arsenic in drinking water and thus make the students and also the people aware about the threat of arsenic poisoning.

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?

At present the College does not publish any research journal. One edited volume entitled “Higher education in India: Prospects and Challenges” is on its way to be published very soon. Moreover, we have a plan to launch an inter-disciplinary research journal shortly.

3.4.3 Give details of publications by the faculty and students:

During the period 2010-2015 the faculty members of our College come out with **167** numbers of publications which include papers in peer reviewed National and International Journals, Book chapters, Books, Edited volumes, conference proceedings etc. Some more manuscripts have been communicated and expected to be published very soon. The summary of publications by the existing full-time faculty members including Principal and two Librarians is furnished below:

Sl .	Name	Publications of Research Papers (in No.)						
		Book	Journal	Ed. Book/ Book Chapter	Conference volume	Accepted	Communicated	Others
1	Dr. Swagata Das Mohanta	03	-	03	-	-	-	-
2	Dr. Siddhartha Dutta	01	02	-	11	-	-	-
3	Dr. Shibani Ray Mandal	01	-	-	02	-	-	-
4	Dr. Jaysankar Basu	02	-	-	-	-	-	-
5	Smt. Madhumita Das	-	-	-	-	-	-	-
6	Dr. Partha Dutta	05	07	05	01	-	-	-
7	Sri Aliul Hoque	-	-	-	02	-	03	-
8	Dr. Sabina Jesmin	-	-	-	-	-	-	-
9	Sri Mithun Sarkar	-	-	-	-	-	-	-
10	Ms. Shilpi Sarkar	-	-	-	01	02	-	-
11	Dr. Iftikar Alam	-	08	02	-	-	-	-
12	Dr. Amit Kr. Chakraborty	-	12	-	01	03	-	-
13	Sri Sarbajit Paul	-	06	06	-	-	-	-
14	Dr. Arun Kr. Nandi	02	10	09	03	01	02	01
15	Dr. Nikhil Kr. Mandal	01	-	-	-	05	01	02
16	Dr. Sadashiv Chakraborti	-	01	-	-	-	-	-
17	Dr. Sahanous Mallick	-	11	-	02	04	06	-
18	Dr. Paritosh Biswas	01	-	-	-	-	-	-
19	Dr. Saikat Sarkar	-	06	01	01	-	02	01
20	Dr. Ajoy Paul	02	06	-	-	-	-	-
21	Dr. Subhatosh Biswas	-	-	-	-	-	-	-
22	Dr. Anjan Sengupta	-	-	-	-	-	-	-
23	Sri Ranjan Karmakar	-	02	02	05	01	-	-
24	Sri Sumanta kumar Das	-	01	-	-	-	01	-

***N.B. Details of publications are given in Departmental profile**

3.4.4 Provide details (if any) of

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



(a) ***Ph.D. Degree awarded to the faculty during 2010-2015***

Name	Subject	University	Year
Dr. Sabina Jesmin	Philosophy	Rabindra Bharati University	2010
Dr. Iftikar Alam	Geography	Visva Bharati University	2012
Dr. Sahanous Mallick	Mathematics	University of Calcutta	2014

(b) ***Research Awards and Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally***

1. **Dr. Swagata Das Mohanta, Principal**, is recently invited to present her paper in 4th International Congress of Bengal Studies, Foreign Study Department, Tokyo University, Japan during 12-13 December, 2015.
2. **Dr. Anjan Sengupta**, Associate Professor in Botany, Lead assessor of HACCP. Dr.Sengupta also worked as a Senior Executive (Microbiology) in ‘Societe Generale de Surveillance’ (SGS) (Geneva). He also acted as an examiner of a Ph.D. thesis of a student of Department of Botany, Goa University.
3. **Dr. Amit Kumar Chakraborty**, Assistant Professor of Commerce, is acting as a Reviewer of many International Journals, viz.*Intl. Jour. of Social Economics*, UK; *Journal of Commerce*, Pakistan; *Intl. Jour. of Hospitality & Tourism*, India.
4. **Dr. Partha Dutta**, Assistant Professor in History chaired a Session in a National Seminar in Institute of Social Development and Research, Ranchi. Dr. Dutta was also awarded Associate-ship in Indian Institute of Advanced Studies (IIAS), a IUC, Shimla, H.P. He was also in the Editorial Board of *Journal of Social Development*, published by Institute of Social Development and Research (ISDR), Ranchi.
5. **Dr. Saikat Sarkar**, Assistant Professor in Chemistry; had been awarded ‘Ranit Protibha Puraskar’ in 2001 for Advancement of Science in the field of Chemistry. Hewas also the recipient of ‘Young Scientist Award’ in 2004 for best oral presentation in Inorganic Chemistry Section in 23rd National Conference of Indian Council of Chemists, Mumbai. Dr. Sarkar is also acting as a reviewer of a number of Journals of National and International repute like *J. Ind. Chem. Soc.*; *Spectrochim. Acta Part-A (Elsevier)*; *Acta Chim. Slov.*; *J. Appl. Polym. Sc.*; *Pak. J. Sc. Indus. Res.*; *Am. J. Anal. Chem. etc.*
6. **Ms. Shilpi Sarkar**, Assistant Professor in Sanskrit has been awarded ‘Rajiv Gandhi National Fellowship’ by UGC, New Delhi, during 2011-2014 for pursuing M.Phil. and Ph.D. work.

(c) ***Incentives given to faculty for receiving state, national and international recognitions for research contributions***

- The Teachers’ Council arranges appreciation and felicitation programme
- The faculty members are encouraged to present their research work in National and International seminars, conferences, workshops etc. and ‘Leave-On-Duty’ is granted to them for this purpose.



3.5 CONSULTANCY

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

At present there is no direct College-industry relationship. Though the departments of Botany, Zoology and Geography conduct Educational tours with their students as a part of their curricula and thus the students get exposure to visit many places like A.J.C. Bose Botanical Garden and even different parts of India to collect specimen, to observe socio economic and cultural aspects, to observe organic farming system etc. The College has also a plan to establish the industry-institute relationship very shortly.

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

All the faculty members are available to provide consultancy service on an honorary basis. The College authority advocates and publicizes the available expertise for consultancy services through College Website and Prospectus. The awards and the achievements of the faculty are highlighted through news items in the news bulletin as well as reports read out on the College stage.

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

Being an educational institution and keeping its commitment towards social welfare the College authority always encourages and motivates each faculty member to extend their consultancy service on honorary basis. On-duty leave is granted for such voluntary consultancy service.

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

The consultancy services provided by the faculty members are on honorary basis and so the question of revenue generation does not arise. Some of the services rendered by our faculty members are as follows:

1. **Dr. Anjan Sengupta**, Associate Professor in Botany, Lead assessor of HACCP. Dr. Sengupta also worked as a Senior Executive (Microbiology) in 'Societe Generale de Surveillance' (SGS) (Geneva). He also acted as an examiner of a Ph.D. thesis of a student of Department of Botany, Goa University. Dr. Sengupta also guided two M.Sc. projects on Environmental Studies of Vidyasagar University, Midnapore, W.B.
2. **Dr. Paritosh Biswas**, Associate Professor in Chemistry, is engaged as an honorary faculty member in R.K.M.V.C. College, Rahara in its P.G. department.



3. **Dr. Siddhartha Datta**, Assistant Professor in Bengalis engaged as an honorary faculty member in the regular P.G. departments of K.U., V.U. and C.U. over the last 16 years. Dr. Datta also acted as Resource Person in the Orientation Programme and M.Phil. course in C.U. He is also an active member of FRAME (an institution of Photographic Research and Modern Editing). Dr. Datta has participated in three photographic exhibitions during 2014-2015 at Gaganendra Pradarshansala and gallery Gold.
4. **Sri Sarbajit Paul**, Assistant Professor, Department of Commerce, is an Associate Member of Indian Cost and Management Institute and helps in various Tax and Accounts related matters voluntarily.

Moreover, some of the faculty members do act as Reviewer of many National and International Journals of repute on regular basis.

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?

No revenue is generated from the consultancy provided by the faculty members of the College as it is done only on the gratuitous basis. However, the College has been able to enhance its infrastructural facilities from the fund of different research projects conducted successfully by our learned faculty members.

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?

Our College is quite aware of its responsibility and commitment towards the development of the society and so the authority arranges many programmes round the year to promote institute-neighborhood-community relationship and also for the holistic developments of the students. The students of our College render their selfless extension service towards the neighborhood community to uplift them socially and educationally mostly through NCC and NSS units. The Women Cell (Nari Samsad) is also engaged in extension and outreach programmes to fulfil its motto to live in a safe and healthy environment. The activities related to community orientation are reflected through Blood Donation Camps, Eye check-up camp, Thalassemia awareness programme, HIV/AIDS awareness programmes, anti Drug campaigning, tree plantation programme, National Integration programme etc.

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

The College authority tracks the students' involvement in various social movements / activities which promote citizenship roles mainly through its organized NSS and NCC Units. Besides, there is also Sports sub-committee, cultural sub-committee etc. in which the students participate actively in developing the good citizenship characteristics and the sense of responsibility. Students' union also plays a pivotal role in this regard. All such committees are headed by the faculty members of different departments who always guide and accompany the students in their involvement in various social movements.

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

The College authority solicits stakeholder perception on the overall performance and quality of the College through students, Parents/Guardians and Alumni. As part of the Internal Quality Assessment the students give their views in the feedback questionnaires on teaching-learning methods and infrastructural facilities, which help a lot in improving the overall development of the academic environment of the College. Many departments also organize Re-Union programme through which the present students get a chance to exchange their views with the Alumni of the departments. Sometimes, Parents-Teacher meeting is also organized to learn about their perceptions.

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.



The College plans and organizes its extension and outreach programmes through the

- NSS Units
- NCC Unit
- Women Cell (Nari Samsad)
- Students' Union

Community Service provided by College NSS Units:

- The NSS Units had been established in the College with the motto of personality development of the students through social community services. There were two NSS Units in the College up to 2014-2015 and now only one NSS unit is running in the College as per policy of University of Kalyani. Every year some extension and outreach programmes are organized for the benefit of the society.

Some of the activities are shown below:

- Blood donation camps
- Eye check-up camp
- Thalassemia awareness programme
- HIV/AIDS Awareness programmes
- Anti-drug addiction campaigning
- Snake biting awareness programme
- Plantation programme
- Cleaning the Campus and outside
- NSS day celebration
- National Youths' Day celebration
- National Integration celebration
- Republic Day celebration
- Independence Day celebration
- Netaji's Birthday celebration
- Observation of Youths' Day
- Conduct of Red-Ribbon Programme

In addition to the above programmes, special camps of 07 days were organized every year to undertake various activities during 2010-2015.

▪ ***Activities of College NCC Unit:***

- Name of the officer: **Lieutenant Dr. Paritosh Biswas**
- No. of students involved: Boys – 160
- Year in which the unit was setup: Boys unit – 30th April 1984



Details of activities during 2010 – 2015

Sl.	Programmes	Year	Venue	No. of student participated	Objective	Success report
i)	White water Rafting Camp	2010	Sikkim	2	To inculcate a spirit of adventure and develop leadership quality.	Successfully completed
ii)	All India Trekking Camp	2011	Amarkantak, MP	2	To inculcate a spirit of adventure and develop leadership quality.	2 nd in group dance
iii)	Republic Day Camp (RDC)	2012	New Delhi	4	To develop leadership quality.	Successfully completed
iv)	Basic Leadership Camp (BLC)	2012	Barrakpore WB	1	To develop leadership quality.	Successfully completed
v)	Local Republic Day Camp (LRDC)	2013	Kolkata, WB	1	To develop leadership quality.	Successfully complete
vi)	Republic Day Camp (RDC)	2014	New Delhi	1	To develop leadership quality.	Successfully completed
vii)	National Integration Camp - I (NIC-I)	2014	Ropar, Punjab	2	To inculcate a spirit of adventure and develop leadership quality.	Successfully completed
viii)	National Integration Camp - II (NIC-II)	2014	Bandel, WB	1	To inculcate a spirit of adventure and develop leadership quality.	2 nd position in solo song
ix)	Republic Day Camp (RDC)	2015	New Delhi	1	To develop leadership quality.	Successfully completed
x)	Special National Integration Camp (NIC)	2015	Kerala	3	To develop leadership quality.	Successfully completed
xi)	National Integration Camp –II, (NIC– II)	2015	Bandel	3	To develop leadership quality.	2 nd position in cultural competition



xii)	ALC - V	2015	IIT, Kharagpur	1	To develop leadership quality.	Successfully completed
xiii)	All India Trekking Camp	2015	UP	3	To inculcate a spirit of adventure and develop leadership quality.	Successfully completed
xiv)	Besides these, all the cadets attended at least two Combined Annual Training Camp (CATC I to XIV) in every year organized by ADG, West Bengal and Sikkim Dte., Kolkata.					

Some other remarkable performances during the earlier years of foundation of the unit:

- i) In consecutive six years from 1986 to 1992 and **2012** (four), **2014**, **2015** the cadets from Chakdah College represented West Bengal Dte. In the Republic Day Camp (RDC) at New Delhi and participated the Prime Minister's Rally.
- ii) One cadet JUO Rajesh Kundu selected as best cadet in Republic Day Camp 2015 at New Delhi and also obtained Governor's Medal (WB) as the best cadet of the year 2015.
- iii) One cadet SUO Jayanta Majumder participated the National shooting championship competitions held at New Delhi from 26.12.1990 to 07.01.1991 and achieved national records and obtained Two Gold Medals in two events.
- iv) Two cadets obtained Governor's Medal (WB) as the best cadet of the year – one in 1995 and the other in 1996.
- v) Three cadets attended Basic Mountaineering course at Darjeeling guided by Himalayan Mountaineering Institute – two in 1995 and other in 2003. One of them also attended the advanced mountaineering course guided by the same institute in 1996. Another cadet attended the course in Uttarkashi (UK) in 1993.

Health awareness programme through Women's Cell —“NARI SAMSDAD”:

On December 1st, 2015, a workshop entitled “Healthy life style of women” has been organized by the Women Cell (Nari Samsad) of Chakdah College to make the girl students aware of leading a safe, healthy and hygienic life. Dr. Nandini Bhowmick graced the occasion as the resource person.

Students' Union Activities:

The Students' union also arranges various programmes throughout the year to develop an atmosphere of harmony and brotherhood among students and the community. The Union also collaborates with the NSS to perform some outreach programmes. Moreover, they also provide concession of fees to almost 7% of the College students from the Students' Union Fund. The Students' Union also organizes Freshers' Welcome ceremony and Social Programme annually.



Budgetary Details of NSS Units during 2010-2015:

The NSS units (Unit-I & II) of the College have received grants from the University of Kalyani to carry out the various extensions and outreach activities during last five years. The details of grant received are given in the following table:

Session	Amount Received	Programme organized
2010-2011	Rs. 45,096.00	Organizing Special Camp
	Rs. 37,681.00	Organizing Misc. Social Programmes
2010-2011	Rs. 45,016.00	Organizing Special Camp
	Rs. 44,040.00	Organizing Misc. Social Programmes
2012-2013	Rs. 44,006.00	Organizing Special Camp
	Rs. 44,020.00	Organizing Misc. Social Programmes
	Rs.4900.00	Organizing Red Ribbon Programme
2013-2014	Rs. 45,000.00	Organizing Special Camp
	Rs. 45,000.00	Organizing Misc. Social Programmes
2014-2015	Rs.4000.00	Organizing Red Ribbon Programme
	Rs.22,500.00	Organizing Misc. Social Programmes
	Rs. 45,000.00	Organizing Special Camp
	Rs. 10,000.00	Purchasing Dress and Apron

▪ ***Impact of the Extension activities on the Students:***

A sense of social responsibility, leadership potential, team spirit and self-sacrificial mental strength are developed through the successful competition of the community activities.

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 respective teachers of NSS, NCC, Women Cell (Nari Samsad) and all other related units always encourage the students to take interest in extension activities and to enroll and take part in NSS, NCC activities and other outreach programmes. The best NCC cadet and best NSS volunteer are encouraged and felicitated by the College authority. The faculty members are also encouraged to extend their leadership to successful completion of different social outreach programmes.



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?

To ensure the justice and empower students from under-privileged and vulnerable sections of the society the College takes care of the problems and necessities of these groups of students. Some sub-committees like Grievance & Redressal Cell, Women Cell (Nari Samsad), Equal Opportunity Cell etc. have been constituted following the guideline of UGC. The College makes sincere endeavor to look after the facilities of the students with special needs by providing for building ramps with hand-rail for the physically challenged students. Remedial coaching classes have also been arranged for SC, ST and minority students. Moreover, the authority always tries to provide barrier-free academic environment in the College campus.

In addition some departments like Botany, Zoology and Geography undertake field-based surveys, excursions and educational tours with their students as a part of their curricula and thus the students get exposure to explore the physical, socio-economic and cultural features of the visited area.

Besides, the NSS and NCC units of the College used to make active contributions to the upliftment of the underprivileged sections of society by arranging different awareness and social programmes.

The Women's Cell (Nari Samsad) and Equal Opportunity Cell ensure the girl students to lead a safe, healthy and hygienic life. The Cells also sensitize them about social justice and empowerment for all women in the Institution and society.

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.

- ***Objectives:***

The College encourages extension activities and outreach programmes to promote community services and good citizenship among its students.

- ***Outcomes of the extension activities:***

- » The Thalassemia awareness programmes, red-ribbon activities and eye check-up camp were immensely beneficial and thus the served community was inspired to live a healthy life.
- » The Blood Donation Camps organized form another significant contribution to the society.
- » Tree plantation programmes also increase the environmental awareness of the students.
- » Leadership potential, team spirit, self sacrificial mental strength and ethical social sense are grown among the students which would be helpful for their future days.
- » The faculty members are also benefited by monitoring and guiding the students in such social extension services.



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 ensures the involvement of the community in its outreach activities and contributes to the community development through its Students' union, NSS and NCC units.

- The NSS units arrange for different social and health awareness programmes
 - Blood Donation camps are also organized every year
 - Scientific exhibitions and Seminars are also arranged on regular basis
- Participation and engagement of the social community in such programmes is ensured through advance notification and proper canvassing.

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.

- The College has a plan to construct relationships in near future with other institutions of the locality for working on various outreach and extension activities.
- A seminar on 'Anti-Human Trafficking' was organized by the Nadia District Police in collaboration with Chakdaha College in the College Campus on 10.03.2015.
- In 1994, MOU was signed between Chakdaha College and NIELIT (formerly DOEACC Society) to run a Computer Centre in assistance with The Institute of Computer Engineers (India) inside the College premises, where the students of our College could complete different job oriented certificate courses at subsidized rate. The students having employment exchange card may avail a scholarship up to Rs. 2000.00.

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.

The various extension and outreach activities have been widely accepted and appreciated.

Sl.	Programmes	Year	Venue	No. of student participated	Success report
i)	All India Trekking Camp	2011	Amarkantak MP	02	2 nd in group dance
ii)	National Integration Camp - II (NIC-II)	2014	Bandel, Hooghly	01	2 nd position in solo song
iii)	National Integration Camp –II, (NIC–II)	2015	Bandel, Hooghly	03	2 nd position in cultural competition
iv)	Inter College Sports in Kbadadi Mens	2014-15	K.U.	12	Champion
v)	Inter College Sports in Volly ball Mens	2014-15	K.U.	12	Champion
vi)	Inter University Football Championship	2014-15	Krishnagar Nadia	18	Qualified for Semifinal



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.

Till date a number of seminars, conferences, workshops have been successfully organized by the various departments of Chakdaha College in collaboration with other nearby academic institutions, which serve as a common platform for interaction with the eminent academicians of different reputed Institutes. Some of the faculty members used to interact frequently with the scientists and academicians of other reputed institutes for their own research projects. Even they get some help regarding instrumental and library facilities from the different departments of the University of Kalyani and other institutes also. Such collaboration really helps our faculty members to have an in-depth knowledge regarding the modern day's research.

3.7.2 Provide details on the Mo Us/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.

- In 1994, a MOU was signed between Chakdaha College and **NIELIT** (formerly DOEACC Society) to run a Computer Centre in assistance with The Institute of Computer Engineers (India) inside the College premises, where the students of our College could complete different job oriented certificate courses at subsidized rate. The students having employment exchange card may avail a scholarship upto Rs. 2000.00. Many students have been recruited in various Govt. and non-Govt. services after completing such job-oriented course from this Computer Centre.
- To run a study centre and organizing Laboratory Counseling and Evaluation Programmes a MOU was signed between Chakdaha College and Netaji Subhash Open University (**NSOU**) in 1998.
- Another MOU is made on November 16, 2015 between Chakdaha College and 'Reliance JioInfocomm Limited (**RJIL**)' to provide Telecommunication Services and make wi-fi enabled campus.

We hope some more MOU will also be made in near future to enrich the academic scenario of the College.

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 industry-institution-community interactions have contributed to the establishment of academic facilities like running a Computer Centre in assistance with The Institute of Computer Engineers (India) inside the College premises, where the students of our College could complete different job oriented certificate courses at subsidized rate.



- Some UGC sponsored National and State level seminars have been organized in collaboration with different other academic institutions.
- Research relationship with other Universities and institutes also helps our faculty members to have an in-depth knowledge regarding cutting edge research, up-gradation of academic and infrastructure facilities of the Institution, etc.
- The College runs a study centre of Netaji Subhash Open University (NSOU) and successfully organizes the Laboratory Counseling and Evaluation Programmes every year.
- The 'Counseling & Placement Cell' makes the students aware about different integrated programmes, job-oriented training courses, competitive examinations etc. Counselling, placement and employability training programmes with different institutes and agencies have already been organized during this period. A series of UGC-sponsored Workshops on 'Personality Development & Career Counseling' have been organized during the month February-March, 2012 in association with JF Solutions, Sodepur. Total 187 students were benefited by these workshops. Placement programme for selection of 'Management Trainee' was also organized by 'Kotak Life Insurance' on behalf of 'Kotak Mahindra' on 09.12.2013. Some more such placement programmes will be conducted in near future.

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.

Many eminent academicians, scientists, doctors, social activists etc. have contributed to the events of national seminars, conferences, workshops etc. organized by the College.

Some of the distinguish personalities who visited our College during the last four years:

Sl.	Name of the eminent persons	Affiliation
1.	Prof. Subhankar Chakraborty	Ex-Vice Chancellor, RBU
2.	Sri Debesh Roy	Educationist and Writer
3.	Sri Sujato Bhadra	Human Rights Activist
4.	Dr. Dipak Das	Preventive Cardiologist and Diabetologist
5.	Dr. Animesh Maity	Asst. Prof. in Medical College, Kolkata
6.	Prof. Tapas Mandal	Professor BCKV and Member of Parliament, GOI
7.	Dr. Joydeb Mukherjee	Bangur Institute of Neurology, Kolkata
8.	Prof. Nikhilesh Chakraborty	Ramkrishna Mission Institute of Culture
9.	Prof. Biswanath Mukhopadhyay	University of Burdwan
10.	Prof. Ayan Bhattacharyya	West Bengal State University
11.	Prof. Prabir Kumar Dey	University of Kalyani
12.	Prof. Pradip Kumar Bhowmick	Rural Development Centre, IIT, Bhubaneswar
13.	Prof. Apurba Kr. Mukhopadhyay	The University of Burdwan



14.	Dr. Tapas Das	Scientist F, BARC, Mumbai
15.	Dr. Debiprasad Nag Chowdhury	Ex-Principal, SSN College of Education
16.	Sri Sankar Chakraborty	President, PaschimBigyan Mancha
17.	Dr. Rabindranath Maisal	Ex-Principal, Haringhata Mahavidyalaya
18.	Prof. Satanjib Raha	University of Kalyani
19.	Smt Bijali Sarkar	Eminent Researcher on Tagore
20.	Dr. Pralay Kumar Deb	University of Kalyani
21.	Prof. G. P. Ghosh	University of Calcutta
22.	Prof. Basudeb Chakraborty	University of Kalyani
23.	Dr. Sarbani Chaudhury	University of Kalyani
24.	Dr. Durga Ghoshal	Chandernagore Govt. College
25.	Prof. A. K. Saha	Ex-Professor, Dept. of Zoology, K.U.

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–

At present there are three formal MoUs and agreements of the linkages/collaborations between Chakdahaha College and three other organizations. One is with NIELIT (formerly DOEACC Society) to run a Computer Centre in assistance with The Institute of Computer Engineers (India) inside the College premises, another with ‘Netaji Subhash Open University’ (NSOU) to run a study centre and the last one with ‘Reliance Jio Infocomm Limited’ (**RJIL**) to provide Telecommunication Services and make wi-fi enabled campus.

Moreover, there are many linkages and collaborations which have enhanced and/or facilitated the following activities in a major way:

(a) Curriculum development/enrichment:

- Some faculty members of our College have been elected / selected as the members of Board of Studies for Under Graduate courses in different subjects like Chemistry, Economics etc. The UGBOS members actively take part in curriculum development under the flagship of the University.
- The College used to organize UGC-Sponsored Remedial coaching-classes especially for the SC/ST/OBC (excluding creamy layer), financially backward and Minority students.
- Tutorial classes are taken by every faculty members to clear any doubts in understanding their respective subjects.

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

- Degree courses are taught in the NSOU Study Centre (D-06) established in 1998 in the College.



- Since 2008, the College already initiated UGC-Sponsored coaching-classes for ‘Entry-in-services’ in different Government and Non-Government Services, especially for the SC/ST/OBC (excluding creamy layer), financially backward and Minority students.
- The ‘Counseling & Placement Cell’ makes the students aware about different integrated programmes, job-oriented training courses, competitive examinations etc. Counseling, placement and employability training programmes with different institutes and agencies will be organized in near future.

a) Summer Placement:

A number of students perform some summer projects at reputed Institutes like IISER, IACS etc., which turns out to be helpful for them in pursuing Master and Ph.D. courses.

b) Faculty exchange and development:

- Our faculty members are enriched by means of establishing research relationship with other Universities and institutes in carrying out the different research projects.
- Some of our faculty members are engaged on honorary basis in different P.G. department of various Universities and Institutes. Some even acted as Resource Persons in Orientation Programmes at University Level. At present two of the faculty members are involved as Ph.D. supervisors/Adjudicators.
- The training programmes like Refreshers Course, Orientation Programme, and Short Term Course etc. become beneficial towards faculty development.

(c) Research:

Some of the faculty members have successfully completed or are carrying out Minor Research Projects in different disciplines. The results have been published in different National and International Journals of repute. The details are already discussed in different sections of 3.1 to 3.4.

(d) Consultancy:

Our faculty members are enormously enriched by means of exchanging views and discussions regarding various research-related matters with faculties of different Institutes. Moreover, all the faculty members of our College are also available to provide consultancy service on an honorary basis. The College authority advocates and publicizes the available expertise for consultancy services through College Web site and Prospectus. The details are already discussed in different sections of 3.5.

(g) Extension

The College has successfully organized so many extension and outreach programmes through the NCC and NSS Units, Women Cell (Nari Samsad) and Students’ Union. The details are already discussed in different sections of 3.6.

(h) Publication

- One edited volume entitled “Higher education in India: Prospects and Challenges” is to be published very soon.



- Some departments publish their own Departmental magazines/wall-magazines like ‘*Kheya*’ from English Department; ‘*Blossom*’ from Botany Department, ‘*Mohenjadaro*’ from History Department and ‘*Unmesh*’ and ‘*Chitralkha*’ from Bengali Department .
- Some departments like department of Chemistry, Mathematics, Physics, Political Science, Bengali, and English publish Souvenir at their Re-union programme almost in a regular way.
- Proceedings and abstracts have also been published during National / State / College level seminars organized by our College.
- The authority has a plan to launch an inter-disciplinary research journal shortly.

(i) Student Placement

The ‘Counseling& Placement Cell’ is entrusted to make the students aware about different integrated programmes, job-oriented training courses, competitive examinations etc. As in the previous years, the Counseling, placement and employability training programmes with different institutes and agencies will also be organized in near future.

(j) Twinning Programmes:

Dr. Arun Kumar Nandi, HOD of Economics of this College has been selected as one of the Co-Project Directors under the Sponsored Research Project Programme of the ICSSR entitled “Problems and Prospects of Production and Marketing of Vegetables, Fruits and Flowers in West Bengal: Context of Agrarian Distress”. The host Institute to conduct this research work is the Department of Economics, WBSU, Kolkata. The total amount sanctioned for the project is Rs. 18 lakh. [*Vide* F. No. G-32/2015-16/ICSSR/RPS]

(k)Introduction of new courses

- Geography (Hons.) was introduced in 2011-12 academic session. Subsequently, Computer Science and Education as General courses and Philosophy as Honours course have been introduced in the College in 2015-2016 academic session.
- College authority has already decided to introduce Vocational Courses in different career oriented courses very soon.
- Distance Education Mode: There is a Study Centre of Netaji Subhas Open University (NSOU) which offers UG and PG courses in various subjects.

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

Some informal mutual initiatives have already been established between some of our faculty members of our College with researchers of other institutes. This turns out to be beneficial in carrying out their research projects successfully. The College also plans to establish formal linkages/collaborations with national, state, local bodies, industries and research institutes to boost research, consultancy and extension activities through Teachers’ Council, NSS and NCC units. Moreover, being one of the premier Colleges under the University of Kalyani, we thankfully acknowledge the receipt of any assistance from each and every academic corner as and when required.



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

Research:

- Two of the faculty members of the Departments of Commerce and Economics have applied for UGC Minor Research Project in 2015.
- A number of research papers by the faculty members have been communicated for publication in leading national and international journals.
- The College has already developed research atmosphere by providing basic infrastructural facilities and motivating the teachers to carry out different sponsored research projects. We are trying to ensure more research facilities to be available within the College.
- Dr. Amit Kumar Chakraborty, Assistant Professor in Commerce, has applied for funding of a project to the 'Ministry of Women Child Development', Govt. of India in November 2015.

Consultancy:

Dr. Swagata Das Mohanta, Principal and Dr. Partha Dutta, Assistant Professor of History offer administrative guidance to different other academic institutions as a part of their administrative body. Moreover, all the faculty members of our College are also available to provide consultancy service on an honorary basis.

Extension:

Keeping in mind its social responsibility and commitment to build up a healthy and safe community, the College will keep continuing more and more extension and outreach programmes.

Criterion- Wise Analytical Report

Criterion: IV Infrastructure and Learning Resources



4.1 Physical Facilities

The college is situated 1 KM away from Chakdaha Railway Station in Sealdah - Krishnanagar Suburban Railways. It is at a 10 minutes walking distance from the railway Station. The College is well connected by roads also. It is 2.5 kms away from National Highway-34.

Infrastructural facilities

(a) Building:

- ◆ College Old Campus Area: **2.53 acres.**
- ◆ College New Campus Area: **7200 Sq. Ft. / 669 Sq. Meters. (Vacant land)**
- ◆ Total Built Up Area: **5882.06 Sq. Meters.**

Sl.	BUILDING	GR. FLOOR	1 st FLOOR	2 nd FLOOR	TOTAL
		Sq. M.	Sq. M.	Sq. M.	Sq. M.
1.	Arts Faculty Building, FB – I	663.2	636.2	-	1,299.4
	No. of Room	CR-7, SR-1, GCR-1	CR-7	-	
2.	Science Faculty Building, FB-II	470.0	470.0	470.0	1,410.0
	No. of Room	Lab-4, WR-1	Lab-4, Com-1	CR-2, Lab-3, WR-1	
3.	Science Building Annexe, FB - III	202.5	202.5	202.5	607.5
	No. of Room	WR-1, CR-3	SR-1, CR-2, Lab-1	SH-1, CR-1, SR-1	
4.	Comm. Faculty Building, FB - IV	284.5	284.5	248.0	817.0
	No. of Room	CR-2, OR-1, WR-1	CR-3, OR-2	SH-1, WR-1	
5	Library Building, LB	142.0	142.0	142.0	426.0
	No. of Room	CS-1, LR-1, WR-1, OR-1	RR-1, Ref-1, Com-1, WR-1	CR-2	
6.	Administrative Building, AB	181.2	181.2	162.3	524.7
	No. of Room	OR-4	OR-2, CR-1, Comp. Lab – 1	CR-2, OR-2	
7.	Auditorium Building	NSOU	-	-	-
8.	Students' Welfare:				
	i. Student Union Office & Common Room	137.5	-	-	137.5
	ii. Student Health Centre	30.0	-	-	30.0
	iii. Student Hostel (Boys)	122.3	100.5	-	222.8
	iv. Student Hostel (Girls) <i>under construction</i>	203.58	203.58	-	407.16
Total		2,436.78	2,220.48	1,224.80	5,882.06



Note: Class Room = CR, Laboratory = Lab, Office Room = OR, Computer Room = Com, Circulation Section = CS, Librarian Room = LR, Reading Room = RR, Reference Room = Ref, SR = Staff Room, GCR = Girls' Common Room, SH = Seminar Hall, WR = Wash Room

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

The college has adopted a policy for creation of infrastructure to facilitate smooth and effective teaching. Its features are as follows:

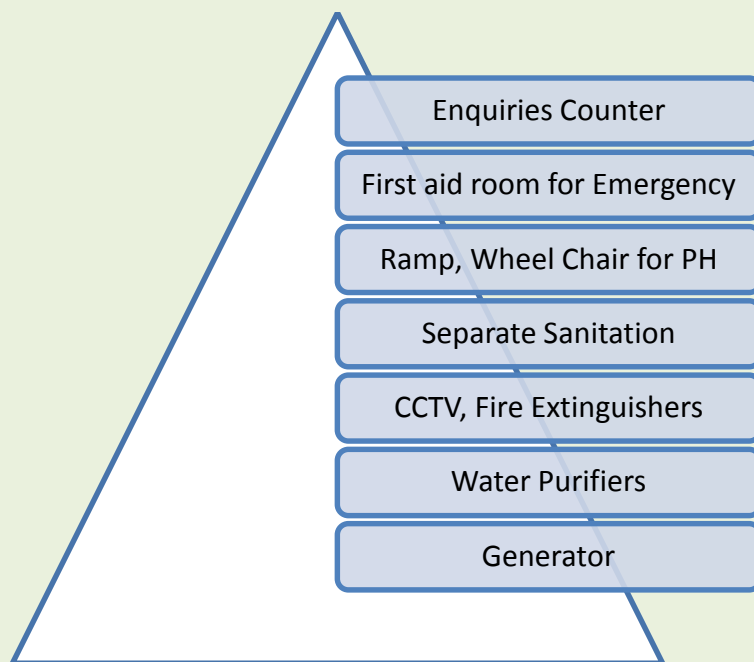
1	Continuous addition to laboratories, classrooms, library, recreation facilities and other amenities maintained properly
2	Emphasis given on the development of facilities which will save energy and other resources
3	Usage of technology be made wherever possible to reduce manual intervention in teaching and learning such as smart classrooms and computer aided teaching
4	Regular up-keeping of Equipments
5	Replacement of obsolete assets be done regularly after scrutiny
6	Establishing a Monitoring Committee for regular supervision of Laboratories and Libraries
7	Binding of old & precious Books, Journals, Periodicals



4.1.2 Detail the facilities available for: a. Curricular and co-curricular activities – Classrooms, technology enabled learning spaces, seminar hall, tutorial spaces, laboratories, botanical garden, animal house, specialized facilities and equipment for teaching, learning and research etc.

a) Curricular and Co-Curricular activities

■ **Specialized Facilities:**



■ **Facilities Available in College Campus:**

Sl.	Details of the Facility	Quantity
1	Total Class Rooms	34
2	Class Rooms with LCD Facilities	02 (01 in New Science building; 01 in Computer Lab)
3	Smart Class Room	02 (01 in Seminar Hall in Comm. building, 01 in Science I)
4	Laboratories (Science, Commerce, Social Science and Languages)	13 (Ch. 04; Ph. 02; Bot. 02; Zoo. 03; Comp. Sc. 01, Geo-1)
5	Computer Laboratories	01
6	Laboratories with Computer/s & Internet Access for teachers and Students	02 (01 in Computer Lab & 01 in Central Library)
7	Seminar Halls	02 (01 in Science Building, 01 in Commerce Building)
8	Play Ground	No such playground. College sports generally are held at Chakdaha Netaji Subhas Stadium adjacent to College
9	Central Library	01
10	Administrative Office	01 NAAC Steering Committee Co-ordinator's room, 01 IQAC Co-ordinator's room, 01 Librarian's room, 01 Accountant's room, 01

	Bursar's room, 01 NCC ANO's room, 01 NSS Programme Officer's room	
11	Non-teaching recreations	01
12	Canteen	01
13	Medicinal Plant	01 located in South-West Corner of the Campus
14	Girls' Common Room	01 adjacent to Staff Room
15	Boys' Common Room	01 besides Canteen
16	Generator / UPS, Water Purifiers	Generator: 02; Water Purifiers: 08 (01 in Staff room, 01 in Library, 02 in Old Science building, 01 in Administrative office, 01 in Principal' s Chamber, 01 in Girls' Common room, 01 in Canteen) Water Purifier cum Cooler: 01
17	Computer Centre	1 st floor, Science Building

▪ **Equipment for Academic Support:**

Sl.	Equipment	Quantity
1	Computers	45
2	LCD Projectors & LED TV cum Projector	04 & 03
3	Laptops	06
4	Printers cum Scanners	18
5	Fax Machines	01
6	Photo Copiers	05
7	Steel Cameras	02
8	CC TV Cameras	02
9	Microphone	08
10	Music Box	33
11	Microphone Machine	07
12	TAB	01
13	Inverter	10
14	Duplicator	01
15	Standard Projector	01

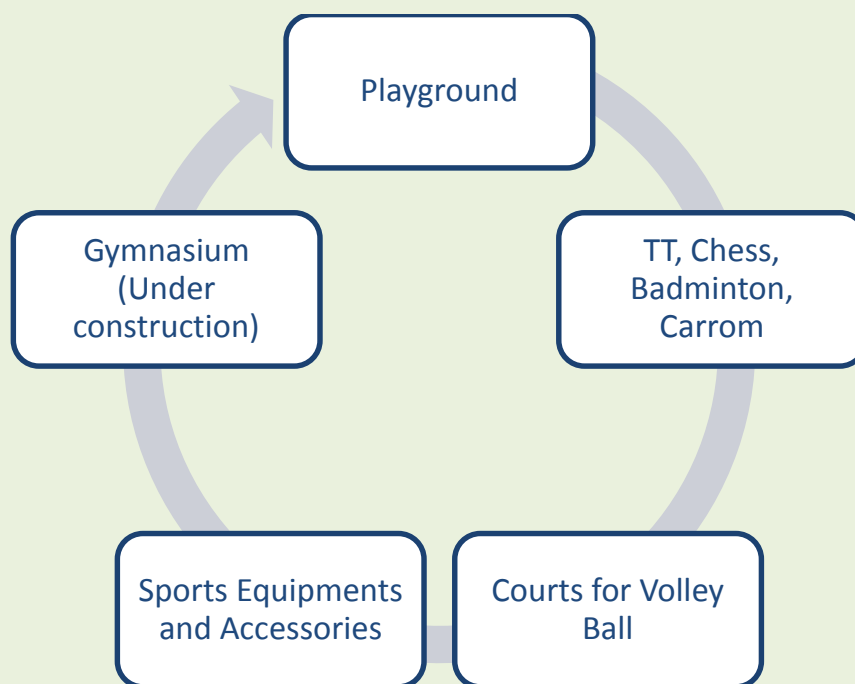
b) Extracurricular Activities:

Programmes	Activities
Sports	Indoor & Out Door
NSS	02 Units since its inception, at present 01 Unit (from 2015-16 Session)
NCC	01 Unit for boys since 30 th April, 1984
Cultural Programme	College Foundation Day, <i>Yuva Dibas</i> , <i>Rabindra Jayanti</i> , Annual Social Programme & Fresher's Welcome
Women's Health Programme	Workshop on healthy lifestyle of Women, 1 st Dec. 2015
Thalassemia	Awareness and detection camp on 26 Dec. 2013 & 28 Nov. 2015
Anti-trafficking Awareness	Organized by Chakdaha College in collaboration with Nadia District Police on 10.03.2015



Computer Awareness Programme	05.05.2015 & 06.05.2015
KANYASHRI Mela	24 th Nov. to 1 st Dec. 2015
Plantation Programme	24 th Nov. 2015

c) Sports Facilities Available within the Institute:



d) NSS:

- The college has NSS office with all necessary equipment needed for special camps and regular activities

e) Cultural Activities:

- The college has necessary music instruments like Tabla, Harmonium, Drums, and Keyboard etc. Electronic podium, cordless microphones, speakers and music system are made available in seminar hall.

f) Public Speaking:

- The college has a central system for important announcements.
- There is a LCD at the entrance for flashing common notices.
- The college website is updated with live notifications.

g) Communication Skills Development:

- Computers with audio-visual facilities

h) Health:

- Workshop on healthy lifestyle of Women, 1st Dec. 2015



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

Optimum utilization of available infrastructure is the policy of the institution. There is a well established system including committees and departments to identify, evaluate and monitor the proper use of available infrastructure. The Principal, HODs, Conveners of various Committees, the Librarian, and the Co-ordinators of IQAC & NAAC Steering Committee, inform about their infrastructural requirements to the management to plan ahead.

- The college runs in two shifts (Morning & Day) in order to utilize the infrastructure to the fullest.
- On Sundays, the college infrastructure is available for conducting different competitive examinations of UGC (NET / SET), Railway, Postal, misc, Corporation etc. and B.Ed. entrance examination.
- College is opened on Sunday to run NSOU, Remedial Coaching Centre & Entry-in-Services

The following are the facilities developed during the last four years for students and staff:

Smart Class Room	02 (01 in seminar hall in Commerce building; 01 in Old Science Building)
Laboratory	Comp. Sc. 01
Digitization of Library	Digitization of Library is under Process
Seminar Hall	02 (01 in Science Building constructed, 01 in Commerce Building renovated)
Wash Rooms	01 in New Science Building, 01 in Back side of Administrative Building
Vehicle Parking Zone	Newly built in NSOU Campus
Generator	02 Green Generator (<i>Kirloskar</i>)
Water Purifier cum Cooler	All Water Purifiers newly installed except the Staff Room (Eureka Forbes) 01 Purifier cum Cooler (Blue Star)



Future Plans:

The college made its Broad Vision according to the needs of teachers and learning community for next decades. Considering these requirements, focused plan is framed to meet the future requirements. The future plan includes the following:

- Emphasis on internal generation of energy and other resources through *biogas* plant and rain water harvesting.
- Generation of revenue by renting infrastructural facilities.
- Introduction of Post Graduate Courses in various subjects in Social Sciences and Literature

Amount spent in the last four years:

Grants Head	Amount Received in Rs (Other than Building)				
	2014-15	2013-14	2012-13	2011-12	2010-11
MP LAD	-	14,38,780/-	-	-	-
MLA	-	-	50,000/-	-	1,66,000/-
SAAC	-	-	-	9,50,000/-	-
MRP (Minor)	2,12,500/-	-	-	-	-
Seminar	-	-	-	80,000/-	5,60,000/-
Equipments	-	82,500/-	2,75,000/-	7,22,000/-	9,02,500/-
Books	-	82,500/-	2,75,000/-	-	-
IQAC	-	3,00,000/-	-	-	-
Merged Scheme	-	-	-	-	2,35,000/-
Remedial	-	-	6,75,000/-	-	3,92,000/-
Entry-in-Service	-	-	-	1,50,000/-	-
College Dev. XIIth Plan	-	11,50,300/-	-	-	-
Building					
Addl. Build. Grant	10,75,000/-	-	-	2,00,000/-	-
Ext. Sc. Build.	-	-	-	-	10,75,000/-
Dev. Assistance	1,98,558/-	-	-	1,98,558/-	-
Women's Hostel	-	-	-	40,00,000/-	-

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

Following facilities have been created to cater to the needs of physically challenged students:

- Ramp with Hand-rail
- Wheel Chairs
- Western Toilets
- Classes allotted in Ground Floor for physically challenged students



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

The following are the residential facilities available:

Sl.	Facilities
1	Boys' Hostel
2	Girls' Hostel (under construction)
3	Quarters for Night Guard

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

- Every year free medical check-up camps are arranged for students like hemoglobin counts, eye tests, dental checkups etc.
- Special lectures for health awareness and hygiene are conducted in the college, for instance-lecture on “Thalassemia” organized
- First aid room is available in the college.

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

- Details of the common facilities available are as follows:
- Room for IQAC office
- Coordinator's office, NAAC Steering Committee
- Counseling and career guidance cell &, placement cell
- Safe Drinking Water Facilities
- NSS office
- Office of the Women's Cell
- Staff Recreational Facilities



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.

Library Advisory Committee:

Name of the Members	Status
Dr. Anjan Sengupta	Convenor
Dr. Mandira Roy	Teacher
Dr. Siddhartha Dutta	Teacher
Prof. Shilpi Sarkar	Teacher
Prof. Sarbajit Paul	Teacher
Sri Sumanta Kr. Das	Librarian
Sri Ranjan Karmakar	Librarian
Prof. Abhijit Mukherjee	Teacher
Prof. Nabanita Chatterjee	Teacher
Pravanjan Chatterjee	Non-Teaching Member
Sukumar Chakraborty	Non-Teaching Member
Sanjib Kar	Students' Representative

■ **The committee focuses on the following initiatives:**

- » Computerization of library through ICT
- » Procurement of books and journals as per need
- » Arrangement of infrastructural facilities for users
- » Make the library working hours suitable to the students as per their convenience especially during exam periods
- » Monitor the adherence of library rules etc
- » Stock checking and reporting, to take step so that the lent books from Staff, Faculties and Students are returned

4.2.2 Provide details of the following:

Total area		284 Sq. Mts.
Total Seating Capacity		40
Working Hours	Day Section	10.30 a.m. – 5.00 p.m. except Sundays
	Morning Section	8.30 - 10.30 a.m. except Tuesdays & Sundays



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.

- At the beginning of every academic year, all the HODs are asked to give the list of the books required for the Departments
- Teachers submit list for books, journals and magazines to the HODs
- The list of the books is sent for approval by Library Advisory Committee
- The management is generous in sanctioning funds for the purchase of books
- The library ensures use of current Titles, Print and E-journals and other reading materials

The amount spent on procuring new books, journals and e-resources during the last five years:

Library holdings	2014 - 15		2013 - 14		2012 - 13		2011 - 12		2010 - 11	
	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost
Text books & Reference Books	103	Rs. 26820	1660	Rs. 237091	1160	Rs. 249435	689	Rs. 103992	682	Rs. 88140
Journals / Periodicals	120	Rs. 19410	- - -	----	--	--	- - -	----	- -	--
E-resources	N-LIST	Rs. 5000	- - -	----	--	--	- - -	----	- -	--
CDs / DVDs	---	----	- - -	----	--	--	- - -	----	- -	--

4.2.4 Tools facilitating Library Access:

OPAC	Under Process
Electronic Resource Management Package for E-journals	00
Federated searching tools to search articles in multiple databases	No such tool has been deployed
Library Website	There isn't any separate Library Website
In-house / Remote access to E-publications	No
Library Automation	Under Process
Total number of computers for public access	01
Total number of printers for public access	Nil
Internet band width / speed	100 kbps (Broad Band)
Institutional Repository	No such tool has been deployed
Content Management System for E-learning	No such tool has been deployed
Participation in Resource Sharing Networks / Consortia (like INFLIBNET)	Yes, N-List

DELNET Database	Not yet subscribed
Union Catalogue of Books	Not used (Indicate follows few times)
Union lists of Current Periodicals	Not used
Union Catalogue of Periodicals	Not used
Database of Periodical Articles	Partially used N-List Database
CD-ROM Database	Not used
Union List of Video Recordings	Not used
Union List of Sound Recordings	Not used
Database of Theses & Dissertations	Not yet subscribed from INFLIBNET databases, but using the <i>Sudhganga</i> & <i>Sudhgangetri</i> data base
Database of E-Books	1,00,000 + through N-List Programme

4.2.5 Library performance parameters:

Working of Library	
Average number of walk-ins	150-200 walk-ins daily
Average number of books issued / returned	75-125 daily
Ratio of library books to students enrolled	10:1 (Total No. of Books in Library 25,165)
Average number of books added during the last three years	2,933
Average number of login to OPAC	Under Process
Average number of login to e-resources	10
Average number of e-resources downloaded / printed	Downloaded: 30; Printed: 12
No of information literacy trainings organized	As per the Users as well as directions of members of the Library Committee
Details of 'weeding out' of books and other materials	We store such books in the Store room



4.2.6 Give details of the specialized services provided by the library

Manuscripts	Nil
Reference	<ul style="list-style-type: none"> ▪ Separate Reading Room ▪ Separate Reference Section ▪ Encyclopedias and Dictionaries ▪ Daily News Paper English / Bengali ▪ Magazines for Competitive Exams for students ▪ Journals and Periodicals for Faculties ▪ Facilities for Photo Copy
ILL (Inter-library loan services)	Nil
Information Deployment and Notification	<ul style="list-style-type: none"> ▪ Display for new arrivals ▪ College Magazine ▪ Book/s authored by the Institutional Faculties ▪ Display rack ▪ Displaying notifications regarding Library Services
Download	<ul style="list-style-type: none"> ▪ Access and facility of N-List
Printing facility	<ul style="list-style-type: none"> ▪ Available if required
Reading List / Bibliography Compilation	<ul style="list-style-type: none"> ▪ Provide manually by the library staff / development of OPAC under process
In-house / Remote Access to E-resources	<ul style="list-style-type: none"> ▪ JSTOR ▪ Accessed both in-house & out-side of the Institution
User Orientation and Awareness	<ul style="list-style-type: none"> ▪ Orientation Program for newly admitted students of each faculty ▪ Circulation of Prospectus with all the rules and regulations of the College
Assistance in Searching Databases	<ul style="list-style-type: none"> ▪ Library personnel provide help
INFLIBNET / ICT Facilities	<ul style="list-style-type: none"> ▪ Yes (N-List)

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

- Content pages of new editions and their jackets are put up on the display board
- A list of new comings is provided to the departments from time to time
- New arrivals are displayed on a separate shelf in the library
- Library staff is always supportive to the students and staff for searching information or documents
- Guidance for INFLIBNET access, for use of N-List programme
- Providing question papers, syllabi, e-Journals, e-services, newspaper clippings, home lending, ready references, information service, photocopy, internal service, and inter-library loan service
- Arrange Book Exhibition inviting reputed Publishers like Oxford, Progressive



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

- For physically challenged students, the library personnel are helpful in searching and furnishing the required information
- The library is located on the ground floor

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

Yes.

- Every year, the library obtains feedback from the users through the feedback forms
- Users' requirements are ascertained through the feedback mechanism
- Analyzed by the IQAC and are then forwarded to the Library Advisory Committee

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)

Particulars	Source	Located
Assembled Desktop (Intel Pentium4, 80GB, 512, LG CRT)	MRP (AKN)	Computer Lab
Assembled Desktop (Intel Pentium4, 80GB, 512, LG CRT)	MRP (Sandhya Sarkar)	Computer Lab
Compaq CPU (Core 2 Duo, 2GB, 500GB, AOC)	UGC	Computer Lab
Compaq Desktop (2GB, 500GB, Microtek UPS)	UGC	NCC Office
Compaq Desktop (Dual core, 1GB, 250GB, APC UPS, Compaq TFT)	Entry in Service	Computer Lab
Compaq Desktop (I Core2 Duo 2 GB, 500GB, Microtek UPS)	Remedial	Computer Lab
Compaq Desktop (I Core2 Duo 2 GB, 500GB, Numeric UPS)	Entry in Service	Computer Lab
Compaq Desktop (Core 2 Duo 1 TB, 500 GB, Asia power UPS)	Entry in Service	Library (1st Floor)
Compaq System (Core2 Duo, 3 GB, 500 GB, AOC LED, Numeric UPS)	UGC	Accounts Deptt
Compaq System (Core2 Duo, 3 GB, 500 GB, AOC LED, Numeric UPS)	BWC	Accounts Deptt
Compaq System (HP LED, Core 2 Duo, 2 GB)	Entry in Service	Staff Room
Compaq System, Microtek UPS	Entry in Service	Office



Computer (Core2 Duo, 2 GB, 500 GB Compaq, Compaq TFT, Numeric UPS)	UGC	Office
Computer (I3, 3 GB, 500GB, Compaq TFT, Numeric UPS)	UGC	Office
Computer (I3, 4 GB Ram. 500 GB, AOC LED, Enter Speaker, Asia Power UPS)	Online Admission	Cash Section
Computer (Samsung TFT, core2, duo, 2 gb Ram, Numeric UPS, 500 GB)	College fund	Cash Section
Computer Duel Core CPU, 2 GB Ram, 500GB Hard Disk, Asia Power UPS	IQAC	IQAC
Desktop (Dual core, 2 GB, 500GB, Microtek UPS)	UGC	Library (1st Floor)
Desktop (I5, 4 GB, 1TB, Numeric UPS), AOC LED	UGC	Library (1st Floor)
Desktop Computer, Samsung CRT, 40GB, 512 Ram, Microtek UPS	College	Physics Deptt
Desktop (Dual Core, 2GB, 500GB, Aoc LED, Numeric UPS)	UGC	Library (1st Floor)
Desktop System (LGCRT, 512, 80GB)	College	Library (Ground)
HP (I3, 2GB, 500GB, Numeric UPS)	UGC	Computer Lab
HP (I3, 2GB, 500GB, Numeric UPS)	Career & Counselling	Computer Lab
HP CPU, AOC LED, Microtek UPS	Career & Counselling	Office
HP Desktop, HP speaker, Numeric UPS	UGC	Office
HP Desktop (2 GB, 500GB, Dual Core)	UGC Math	Computer Lab
HP Desktop (2 GB, 500GB, Dual Core, Numeric UPS)	UGC	Office
HP Desktop (500 GB, 2GB I3, Aoc LED)	Career & Couns	Computer Lab
HP Desktop (500 GB, 2GB I3, Aoc LED)	Career & Couns	Computer Lab
HP Desktop (Dual core, 2GB, 500GB, Numeric UPS)	UGC	Zoology Deptt
HP Desktop (HP LED, Dual Core, 2GB, 500GB, Mircotake UPS)	UGC	Physics Deptt
HP Desktop (I3, 2 GB, 500GB, Microtek UPS)	Career & Couns	Computer Lab
HP Desktop (I3, 2 GB, 500GB, Microtek UPS)	Carreer & Couns	Computer Lab
HP Desktop (I3, 2GB, 500GB, Microtek UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
HP Desktop (Dual Core, 2GB, 500 GB, Numeric UPS)	UGC	Computer Lab
Intel Pentium iv, 1GB, 160GB CRT LG	UGC	Commerce

		Department
HP Desktop (Dual Core, 2GB, 500 GB)	UGC	Geography Deptt
Assembled Desktop (I3, 2GB, 500GB)	College	Botany Deptt
Compaq Laptop (Dual Core, 1GB, 160 GB)	Entry in Service	Computer Lab
Dell Laptop (I3, 2GB, 500 GB)	UGC Math	Computer Lab
Dell Laptop (I3, 4GB, 1 TB)	State Govt.	Office
HP Laptop (I3, 2GB, 500GB Original Win7)	UGC	Chemistry Deptt
HP Laptop (I3, 2GB, 500GB)	Entry-in-Service	Computer Lab
HP Laptop (I3, 2GB, 500GB)	UGC	Principal's Room
1007 Printer	SC/ST/OBC UGC	Office
1007 Printer	Carrier & Counseling	Office
1020 HP Printer	College	Office
1136 HP Printer	Coosa and Online Admission	Accounts Deptt
1136 HP Printer	UGC	Chemistry Deptt
1136 HP Printer	UGC	Library (1st Floor)
HP 1005 Printer	Remedial	Computer Lab
HP 1007 Printer	Entry in Service	Computer Lab
HP 1025 Printer	College	Computer Lab
HP 1108 Printer	UGC	Computer Lab
HP 1120 Printer Entry-in-Service	Entry-in-Service	Physics Deptt
HP 1136 Printer	UGC	Computer Lab
Samsung Laser Printer	College	Cash Section
Samsung Laser Printer	College	Physics Deptt
TVS 345 Dot Matrix Printer	College	Cash Section
HP 1108 Printer	UGC	Botany Deptt
Brother All in one Printer	UGC	Computer Lab
1136 HP Printer	UGC	IQAC Office
TAB Apple	IQAC	IQAC Office
HP Computer, Frontech UPS, HP Printer	IQAC	NAAC Office

Licensed software:

Software

Software Detail	
Adobe Reader	Computer Lab
Antivirus (15 Pcs)	Office, Computer Lab, Library & Phy, Chem, Remedial
COHA Library Software (1pc)	Library
COSA (1 Pc)	Account Section
Microsoft Office (2 PCS)	Computer Lab, Chemistry Lab
Online Admission Software (1 Pc)	Cash Section
Student Management Software (1 Pc)	Cash Section
Tally (1Pc)	Cash Section
Windows 7 HOME Basic (9 PCS)	Computer Lab, Chemistry Lab
Windows 7 Ultimate	Computer Lab

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

- Faculty members and students avail of computer and internet facility within the campus
- The institute provides separate internet account access to every student and staff along with user-id and password so that they can access their data.

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

The college has a central IT department where the staff members forward their requirements and the necessary actions are taken. Accordingly following plans are made:

- Purchase of new computers
- New internet connections
- Purchase of softwares
- Purchase of smart boards and LCD projectors
- Computer interfaced equipment in order to improve IT facility

All such up-gradations are done with the prior approval of management, especially as and when the curriculum is restructured or need arises

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	2011-12	2012-13	2013-14	2014-15
Budget Allocation in Rs**	5,000/-	68,000/-	30,400/-	40,000/-
Expenditure	5,000/-	68,000/-	30,400/-	40,000/-



**** There is no such budget allocation regarding the above. But there is provision for expenditure for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution.**

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?

- Extensive use of ICT resources by procuring and maintaining the required equipments and accessories like LCD & LED projectors, LAN, CDs, Smart Boards, Smart Classrooms, etc.

Particulars	Source
Optima Projector	Entry in Service
Optima Projector	Remedial
Dell Projector	UGC
Epson Projector	UGC
LED Samsung TV cum Projector	UGC
LED Philips TV cum Projector	UGC
LED Videocon TV cum Projector	UGC

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 college always focuses on user- friendly student centric teaching-learning.

- The college provides internet facility to students.
- Equipment like LCD projectors has greatly eased the learning process of students.
- Students complete their practical slips using PPTs and online tutorials.
- The college has smart classrooms
- Students are encouraged to use ICT through competitions like power point presentations

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?

- No



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 up-keep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

- Maintenance and up-keep of facilities is the priority of the institution
- There is optimum allocation and utilization of available financial resources

Budget Utilized During the Last Four Years:

Particulars	2011 - 12	2012 - 13	2013 - 14	2014-15	Total
	In Rs.				
Repairs and Maintenance	3,00,000/-	6,00,000/-	6,00,000/-	7,00,000/-	22,00,000/-
Furniture	-	-	-	1,50,000/-	1,50,000/-
Equipment	1,05,000/-	2,10,000/-	1,50,000/-	1,50,000/-	6,15,000/-
Computers	5,000/-	68,000/-	30,400/-	40,000/-	1,43,400/-
Vehicle (travelling & conveyance)	50,000/-	40,000/-	38,000/-	38,000/-	1,76,000/-

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

- Committee with designated personnel and officials for supervising of the maintenance of classrooms, laboratories and other campus facilities. A few of the campus specific initiatives undertaken to improve the physical ambience are as follows:

Committee	Convenors	Members
Campus development & Beautification	<i>Dr. Siddhartha Dutta & Dr. Anjan Sengupta</i>	Dr. Partha Dutta, Prof. Mithun Sarkar, Dr. Sabina Jesmin, Sri Sumanta Das, Prof. Susanta Ghosh, Dr. Nabanita Chatterjee, Prof. Sulagna Choudhury
Grievance & Redressal Cell	<i>Principal/T.I.C.</i>	Co-ordinator, IQAC
Staff Room Amenity	<i>Dr. Shibani Ray Mondal & Prof. Sarbajit Paul</i>	Prof. Madhumita Das & Dr. I. Alam
Examination	<i>Prof. Sarbajit Paul, Prof. Abhijit Mukherjee, Prof. Sujit Roy</i>	Dr. Joyshankar Basu, Dr. Subhatosh Biswas, Dr. Amit Chakraborty, Prof. Mithun Sarkar, Dr. S. Mallick, Dr. Saikat Sarkar, Prof. Abhijit Biswas, Prof. Mihir Nath, Prof. Swati Ghosh, Prof. Sulagna Choudhury, Dipnarayan Adhikari, Ashok Mukherjee, Narendra Kr. Sarkar, Sujash Karmakar, Sankar Prasad Banik, Pallab Basu, Debabrata Biswas, Tufan Banerjee, Anip Roy



Library

Dr. Anjan Sengupta

Dr. Mandira Roy, Dr. Siddhartha Dutta, Prof. Shilpi Sarkar, Prof. Sarbajit Paul Sri Sumanta Kr. Das, Sri Ranjan Karmakar, Prof. Abhijit Mukherjee, Prof. Nabanita Chatterjee, Prabhanjan Chatterjee, Sukumar Chakraborty

Besides the above:

- A team of skilled persons carry out maintenance works related to civil, plumbing, sanitation, water supply, electricity supply, as well as repairing of instruments and machines i.e. electrical, electronic and mechanical
- Security Guards in uniform at all strategic points and locations ensuring safety and security

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

- The calibration of the equipment and other precision measures are checked and carried out by the internal experts and external agencies at least once in a year using scientific methods.
- The same is also done for laboratories - if a major need arises for calibration, the technicians from companies are invited

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

- CCTV cameras have been installed at strategic locations
- Fire systems have been installed at the prime locations especially in library and in Laboratories.
- Exit signs and floor indication boards are displayed on at strategic locations
- Two generator with the capacity of **15 KVA & 30 KVA** has been installed for continuous uninterrupted supply of power in the college campus
- The water coolers / purifiers are under Annual Maintenance Contract (AMC) scheme
- The institute's electrical and plumbing technicians monitor the overall electrical and water supply systems
- Repairing and maintenance of Class Room accessories and Office Room establishment duly been done as per necessity



Particulars	Source	Located
Riso Duplicator	UGC	Principal Room
Sharp Fax	Carrier Counselling	Principal Room
Canon SLR	UGC	Computer Lab
Sony Handy Cam	UGC	Computer Lab
Inverter Microtek	UGC	Library (1st Floor)
Inverter Microtek (2 Pcs)	UGC	Physics Deptt
Inverter Microtek (3 Pcs)	UGC	Office
Inverter Microtek	UGC	Computer Lab
Inverter Microtek	UGC	Students Union
Inverter Microtek	UGC	Geography Dept
Inverter Microtek	UGC	Remedial
Canon IR2116J Xerox	UGC	Bursar Room
IR 2318 Canon Xerox	UGC	Library (1st Floor)
Sharp Xerox	UGC	Office
Canon Xerox	UGC	Computer Lab
Canon Xerox	UGC	Staff Room



Criterion- Wise Analytical Report

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?

Yes, the institution publishes its updated Prospectus annually. The following information is provided to students through these documents:

- **PROSPECTUS:** The institution publishes its updated Prospectus annually where the Institution provides clear information to students about admission procedures, requirements for all programmes (eligibility and documents necessary), the fee-structure and refund policies, financial aid and student-support services. Besides, it presents information like the composition of the Governing Body, history of the College, College Staff (Faculty and Non-teaching Staff), courses offered and subject combinations allowed, Attendance rules, rules for change of subject combinations, instructions for Examinations, rules regarding payment of fees, Library facilities and rules, Scholarships available, rules regarding concession of fees, Canteen facilities, excursions, medical facilities, co-curricular activities, discipline, Grievance redressal Cell etc.
- **WEBSITE:** The Institution has moved towards electronic data management and has official institutional website: www.chakdahacollege.ac.in having e-mail id: chakdahacollege1972@gmail.com to provide ready and relevant information to all the stakeholders.

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

The Type, Number and Amount of Institutional Scholarships / Free ships given to the Students during the Last Five Years

Years	Type of Aid	No of Student	Amount of Aid
2010-2011	College Merit cum means free ship	20	1,20,000/-
	State Govt. Merit Scholarships	28	3,20,600/-
	College Merit cum means free ship	20	1,20,000/-
2011-2012	State Govt. Merit Scholarships	26	2,34,000/-
2012-2013	College Merit cum means free ship	20	1,20,000/-
	State Govt. Merit Scholarships	18	1,94,400/-
	College Merit cum means free ship	20	1,20,000/-
2013-2014	State Govt. Merit Scholarships	42	3,78,000/-
2014-2015	College Merit cum means free ship	53	1,11,300/-
	State Govt. Scheduled Caste & Backward Class Scholarships	05	45,000/-
	State Govt. Merit Scholarships	853	3,79,5850/-



Financial aid was available from time to time and disbursed as and when it was received from the government

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

Approximately **7-8 %** of the students receive financial assistance from state government, central government and other national agencies.

5.1.4 What are the specific support services/facilities available for Students from SC / ST, OBC and economically weaker sections?

- Scholarship is given by the state government,
- Reservation rule is allowed during admission as per Government norms provided
- Remedial coaching is provided
- Free ship and half free ship for tuition fees are provided on merit-cum-means basis
- The College has a student welfare fund for needy students for books, tuition fees etc.
- Medical help is also available

Students with physical disabilities

- Three ramps (one in science building & one in commerce building one in Arts building) with hand rail are made to meet the needs of the students with physical disabilities.
- For physically challenged students extra time is provided for completion of answer-scripts as per rule.
- For blind student one writer is allowed in final examination as per the rule of the affiliated University & State Govt.

Overseas students

- Overseas students are admitted

Students to participate in various competitions / National and International

- Special coaching classes are taken and guidance is given
- Competitive books & magazines facility is provided
- Computer with internet facility is provided
- Guidance by the teachers during practice & accompanying to the students during actual performances.

Medical assistance to students:

- The college offers first aid service to the students who feel unwell during the college hours.
- In case of emergencies, the patient is taken to the Government / Private medical Hospital.
- Heath Camps are organized for health checkups for students.

Organizing coaching classes for competitive exams

- UGC Sponsored Coaching is provided to minorities and economically backward students for entrance test in different Government and Non-Government Service specially for the SC/ST/OBC (excluding creamy layer),
- Competitive books and magazines facilities are provided.



Skill development

- Exposure given to Computer with internet facility
- A number of computer programmes offered by a computer centre to the students of this College.
- A **MOU** has been signed by the college with NIELIT (Formerly DOEACC) in this respect.

Support for “slow learners”

- Remedial classes & Tutorials are organized for “slow learners.”
- Their daily homework is checked to monitor their progress
- They are guided to take coaching from specialists in the field
- Simplified versions of books are recommended to them
- Special tests are conducted for them & Trial tests and mock examinations
- Bilingual explanations and discussions are made
- Concept clarification, problem solving exercises and provision of simple but standard lecture notes/course material are provided.
- Revision of topics and practical's are guided
- Personal, academic and social counseling are provided

Publication of student magazines

The students' union of the college annually publishes a magazine (Satyagni) for students. It is an ideal platform for students to realize their creative potential and hone their writing skills. The magazine also contains few valuable articles written by the teachers. Department of English publishes a departmental magazine 'Kheya' and a reunion magazine 'Nostalgia'.

The students of the following departments bring out Wall magazines which comprises general as well as articles relating to the subject.

- Wall magazine *Chitralkha* by the Department of Bengali.
- Wall magazine *Mohenjodaro* by the Department of History.
- Wall magazine *Blossom* by the Department of Botany.
- Wall magazine *Impressions* by the Department of English.

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 encourages innovative, creative and entrepreneurial in their approach, to ensure skill development amongst the students.

- U.G. Courses in Commerce have been strengthened as per global trends/needs in HRM, Marketing, etc. Keeping in view the objective B.Com (Hons) and B. Com (General) syllabus has been modified and implemented in the academic year 2015-2016.
- Computer literacy/awareness programmes organized by the college for the students in collaboration with **NIELIT** (Formerly **DOEACC**) give added advantage for their studies and carrier.
- The College has started conducting study programmes for Competitive Examinations Coaching Centre for Entry in Services funded by UGC to enable the students for competitive examinations.

Impact of these efforts

- Our students have been employed in public and private sectors.
- Skill enhancement opportunities provided by the College paved their way for higher education in prestigious institutes inside India & abroad.
- Professionalism has been instilled in them.



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

Additional academic support, flexibility in examinations Special dietary requirements, sports uniform and materials any other

To promote participation of students in extra-curricular and co-curricular activities, the cultural sub-committee, career counseling and placement sub-committee, the Sports Wing, NSS Unit and Student Union of the College chalk out the policies and strategies. Competitions are organized for all the students which are ways of showcasing the singing, dancing, and aptitudes for debates, elocution, quiz, mime and theatrical skills of the students. For this purpose, the institution avails of the services of the extremely talented faculty.

The policies and strategies of the institution regarding additional academic support, flexibility in examinations, special dietary requirements, sports uniform and Materials can be elucidated in the manner given below:

Additional academic support: Certification, felicitation. Special coaching classes and guidance, waive of fees, remedial coaching & peer learning

Flexibility in examinations: Exemption from the house tests and attending classes for students participating in co-curricular activities if required.

Special dietary requirements: The College arranges for special meals during their practices well as in final competitions.

Sports uniform and Materials: Sports kit with uniform and Sports Material for sports like Cricket, Table Tennis, Carom, Football etc are provided free of cost.

Any other: Various incentives and concessions such as free-ships, scholarships & special leaves are granted by the College authority to participate in competitions.

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.

- Being an institution of undergraduate studies the College as such do not have any such facilities or centers for guiding the students appearing for UGC-CSIR-NET, UGC-NET, SLET etc. examinations, but the students who intend to appear for different competitive examinations are encouraged, inspired and guided by the faculties of this college.
- The college used to organize UGC sponsored 'Entry in Services' course through which students get support and are trained for different competitive examinations like: SSC, PSC, TET, School Service Commission, Civil Service examinations etc.
- The College alumni have a good record of accomplishment in these examinations. The institution is proud enough to boast of students who have graduated from this institution and successfully passed out in these examinations.



No of students appeared in different examinations

Year (2010-2015)	SC	ST	OBC A+B
UGC/CSIR(NET) Examination	NA	NA	NA
UGC-SLET	NA	NA	NA
GATE	NA	NA	NA
RET	NA	NA	NA
Indian Civil Service Examination	NA	NA	NA
GRE	NA	NA	NA
TOEFL	NA	NA	NA
FMAT	NA	NA	NA
School Service Commission	318	76	381
Private Sector	NA	NA	NA
WBCS	158	52	170

The College has started conducting coaching programmes funded by UGC under the XIth and XIIth Plan schemes to enable the students to prepare for Competitive Examinations of Government and non-Government services. **More than 250valuable books** and journals, related to **General Papers and Topics on Competitive Exam** are purchased according to the need and requirements of the students and the syllabi. The programme although was mainly for the SC, ST and Minority students, but students from the financially backward families and other general students who were very much interested and enthusiastic participated in the programme spontaneously. They were benefitted by such special classes, books and study materials were also given. During the period 2012-2014, **719 students participated in the programme and 55% of them appeared in various** competitive exams like West Bengal School Service Commission, West Bengal A & S service Examination, Public Service Commission, Railway Recruitment exams, Staff Selection commission and many more. More than 23 teachers and Resource persons were engaged in the programme and 440 classes were taken during the period 2012-2014. The details of the programme for the last sessions are as follows:

Programmes in Details

Year	Exams.	SC	ST	Minority	Others	Teachers	No. of Period	Students Appeared
2008-2009	WBCS	180	13	---	---	4	43	50-58%
	PSC	111	9	---	---	4	43	60%
	SSC	206	11	---	---	4	43	65%
2009-2010	PSC	33	5	---	72	7	4	NA
	SSC	85	7	---	113	4	29	NA
	M.S. Comm.	---	---	12	---	7	12	NA
2010-2011	PSC	53	5	---	--	--	--	NA
	SSC	167	14	---	--	--	--	NA
	M.S. Comm.	---	---	21	--	--	--	NA
2012-2014	Combined	37	15	25	---	7	134	46%
	PSC	105	47	73	---	4	78	55%
	SSC	151	62	126	---	7	133	65%
	M.S. Comm.	43	7	18	---	5	95	---

- Special coaching is arranged on request.
- The faculty members help the students when approached by the students for guidance.

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

Academic counseling: The Admission Committee conducts academic counseling at the time of entry into the College regarding the choice of stream and subjects. Academic counseling is given to the students through various seminars and workshops organized for them.



Personal counseling: Personal counseling is received by the students through teachers, Principal and other members of the staff who are available in their free time to listen to the various problems of students and help them to solve their problems.

Career counseling: The 'Counselling & Placement Cell' makes the students aware about different integrated programmes, job-oriented training courses, competitive examinations etc. Counseling, placement and employability training programmes with different institutes and agencies have already been organized during this period. A series of UGC-sponsored Workshops on 'Personality Development & Career Counseling' have been organized during the month February-March, 2012 in association with JF Solutions, Sodepur. In total 187 students were benefited by these workshops. Placement programme for selection of 'Management Trainee' was also organized by 'Kotak Life Insurance' on behalf of 'Kotak Mahindra' on 09.12.2013. Some more such placement programmes will be conducted in near future.

Psycho-social counseling: EQUAL OPPORTUNITY & WOMEN CELL (NARI SAMSAD) invite resource persons from various fields for professional as well as psychological counselling of the students. A programme on 'Sasthajjal Sharir Charcha' was held in the college by the initiative of NARI SAMSAD.

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).

Career and Counseling Cell of the College: The 'Counseling & Placement Cell' makes the students aware about different integrated programmes, job-oriented training courses, competitive examinations etc. Counseling, placement and employability training programmes with different institutes and agencies have already been organized during this period. A series of UGC-sponsored Workshops on 'Personality Development & Career Counselling' have been organized during the month February-March, 2012 in association with JF Solutions, Sodepur. In total 187 students were benefited by these workshops. Placement programme for selection of 'Management Trainee' was also organized by 'Kotak Life Insurance' on behalf of 'Kotak Mahindra' on 09.12.2013. Some more such placement programmes will be conducted in near future.

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

- Yes. The College has a "Grievance Redressal Cell" to redress the grievances of the stakeholders. The students approach the Cell for their grievances regarding academic matters, financial matters, health services, library and other central services.



- The committee sorts out their problems promptly and judiciously. The committee also redresses the grievances of the stakeholders as and when required. As a result of this mechanism, the college has pleasant ambient atmosphere and good work culture with in-built goodwill and mutual understanding among the stakeholders. Several complaint boxes are placed in the campus (strategic points) to receive complaint from the students.
- The ‘Grievance Redressal Cell’ mainly functions under the leadership of Principal and IQAC Co-ordinator.

Grievances redressed:

- New Class Rooms for Science Departments.
- Renovation of Girls Common Room with proper facilities.
- Construction of Girls hostel (the work is going on)
- Computer and Internet Access for students.
- More books according to new syllabus in the central library.
- Budget allocation increased for student’s financial aid fund.
- Remedial Coaching Classes for financially & socially backward students.
- Improvement of canteen facilities.
- Improvement of toilet facilities for students
- Improvement of Drinking water facilities for students. (installation of more water purifier plants and cold portable water plant)
- Facilities for sports and indoor games.
- High capacities Generator for uninterrupted power supply installed.

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

The College authority constituted the **EQUAL OPPORTUNITY & WOMEN CELL (NARI SAMSAD)** to handle the social problems relating to girls’ students, addressing issues of women staff Gender Sensitization. Dr.Sibani Roy Mondal and Dr. Sabina Jesmin are the conveners of the cell. The cell encourages students & staff to participate in all cultural activities. It inspires them for empowerment socially and financially. The cell makes women students aware of the social responsibilities and gives them mental support to fight against sexual harassment. This cell takes initiatives for guidance and counseling of female students also.

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?

Ragging is completely banned in the college. The College has adopted the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 & has incorporated it in the prospectus of the College. No instances of ragging have been reported till date.

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

Yes, there is a provision for welfare schemes for students. Prominent among them are:

I. Academic

- Tutor mentorship.
- Remedial Teaching for slow learners.
- Counseling (academic, personal, psycho-social)
- Training for Competitive Examinations.



II. Cultural

- Encouragement Organization of cultural and sports events / activities.
- For participation in intra & inter-college Debates, Quiz etc.
- Promotion of Performing Art.

III. Social, and Financial

- Ensuring Reservation.
- Scholarships and Free ships.
- Travel concessions.
- Free UGC Sponsored Remedial Coaching classes and Coaching for Competitive Exams to Join Services for SC/ST/OBC/Minority students.

IV. Infrastructure

- Students' canteen & food at affordable prices.
- Drinking Water (Aqua Guard Facilities).
- Indoor Sports facilities.
- Common Room (Boys' & Girls' separately)
- Cycle and Bike Stand.
- Chakdaha Netaji Subhas Stadium, adjacent to college is used by the College so that the students can play and practice when they require.

V. Health

- Health and hygiene awareness campaign Programme:
- First Aid Treatment is provided by the college authority.
- Organized workshops for Awareness about Thalassemia in collaboration with Ranaghat Thalassemia Detection Society in the year 2013 and 2015.
- Organized a camp for Blood Test for Thalassemia in 2013 and 2015.
- Organized blood donation camp by college NSS unit in each year. Last camp held in 26 Feb. 2015
- NSS unit of College organizes seminars related to health awareness (AIDS awareness, Drug menace, arsenic toxicity etc.). Renowned faculties, experts and physicians are invited to deliver lectures for this purpose.

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

The institution has an Alumni Association, yet to be registered till date. The institution has produced some illustrious alumni who visit the College at certain interval. The departmental alumni also meet among themselves at the reunion programme.

Activities during the last 5 years

- The Alumni meet was held in 2010-11 to 2014-2015 in the departments of Bengali, English, History, Political Science, Chemistry, Physics & Mathematics.



Contribution of alumni to the growth/development of the institution:

- Many alumni works as Faculty or administrative staff of the college.
- The alumni also give their valuable inputs regarding improvement in the infrastructure and administration.
- Alumni are even involved in the extension activities of the institution. They are very generous in contributing to the cause of helping the disadvantaged.
- The alumni of the College are roped in to lend their professional expertise.

The College is proud to have distinguished alumni like:

Sl.	Name	Field of Eminence
1	Smt. Madhumita Das	Associate Prof., Dept. of English, Chakdaha College
2	Smt. Nabamita Shome	Sr. Executive, CIPLA, INDIA.
3	Sri. Sujash Karmakar	Computer Executive, Chakdaha College
4	Sri. Anjan Dalal	Sr. Manager, Mankind India Ltd.
5	Sri. Anirban Bhattacharya	Asst. Prof. Dept. of English, Santipur College.
6	Smt. Sangita Debnath	ABP Ananda.
7	Sri. Ajitava Majumder	Inspector, Kolkata Police.
8	Prof. Narayan Biswas	Asst. Prof. Dept. of Bengali, Rabindra Bharati University

5.2 STUDENT PROGRESSION

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

There is no such record which enables the percentage of students' progression to higher education or employment trend.

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.

The students of the college gets good pass percentage and also 1st classes in almost all the streams in the University Exams. Students, particularly B.Com (Hons) of our college holds rank in University examination. The table provided here is an ample proof of the scholastic level of our students.



Programme wise pass percentage and completion rate for the last four years

PROGRAMME	2010-2011		2011-2012		2012-2013	
	PASS %	COMPLETION %	PASS %	COMPLETION %	PASS %	COMPLETION %
POL.Sc.(H)	98.14	96.36	93.33	91.3	97.61	95.34
HISTORY(H)	100	98.03	98.24	94.73	100	98
BENGALI(H)	100	100	100	95.16	94.54	92.85
ENGLISH(H)	100	86.95	97.57	86.95	96.36	94.64
SANSKRIT(H)	96.77	93.75	96.66	87.87	100	100
PHYSICS(H)	77.77	77.77	83.33	68.18	87.5	73.68
CHEMISTRY(H)	100	95	93.75	75	88.23	83.33
MATH.(H)	75	56.25	50	45.45	52.63	40
ZOOLOGY(H)	100	100	75	64.28	100	92.85
BOTANY(H)	71.42	55.55	87.5	77.77	100	72.72
ECONOMICS(H)	X	X	75	75	75	60
GEOGRAPHY(H)	97.36	X	X	X	X	X
BCOM (HONS)	97.36	92.6	94.28	89.18	97.36	86.04

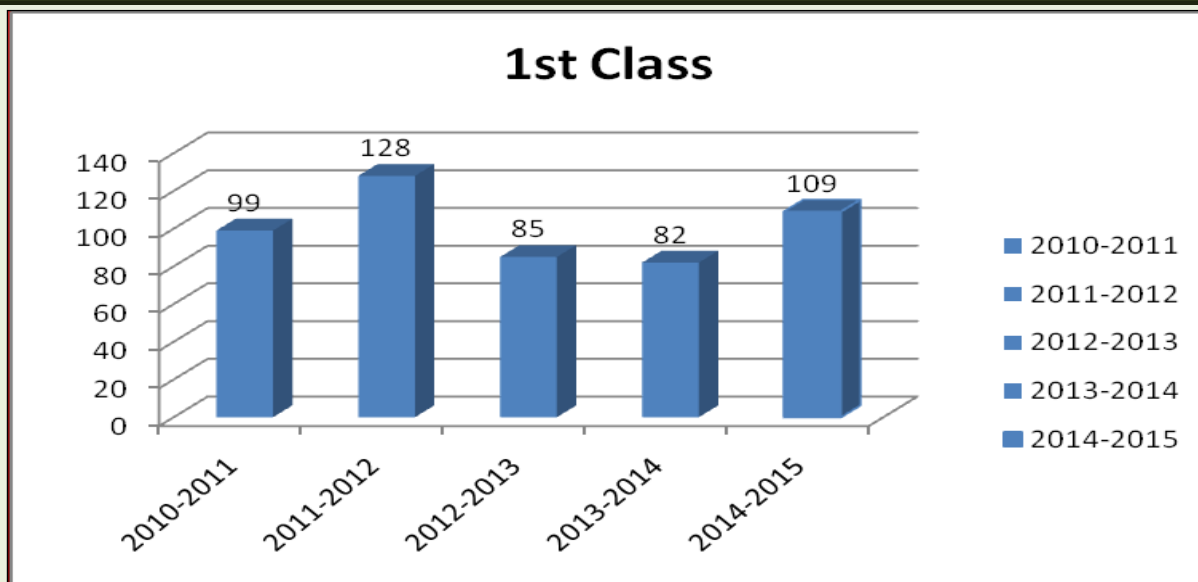
2013-2014		2014-2015	
PASS%	COMPLETION%	PASS%	COMPLETION%
92.3	65	68.88	58.49
96.4	91.37	86	79.63
92.2	92.18	86.11	83.78
85.5	80.7	88.09	86.04
95.1	90.69	86.11	86.11
100	73.33	95.23	71.42
83.3	78.94	81.81	75
92.9	76.47	77.27	62.06
93.8	78.94	90.9	90.9
90	75	75	75
50	40	100	100
100	100	87.03	70.73
98.1	82.25	87.03	83.92

Pass Percentage

Programme	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
BA HONS.	98.98	97.15	97.70	92.27	83.03
B.SC. HONS.	74.50	79.83	85.81	82.76	84.54
B.COM. HONS.	97.36	94.28	97.36	94.44	87.03
BA GEN	73.29	74.88	87.71	57.70	55.40
B.SC. GEN	91.30	90.90	87.50	81.25	83.33
BCOM GEN	81.85	72.72	100.00	100.00	72.41

- During the academic session of 2014-15, the College bagged nearly **109 First Class** in honours subjects and **few merit positions** in the University Examinations
- No of 1st Classes (Hons. Subjects only): 109 in 2014-15, 62 in 2013-14, 85 in 2012-13, 128 in 2011-12, 99 in 2010-11





Comparison of the Overall pass % of the institution & University is not being possible due to non availability of university data.

***Despite our sincere efforts the exact pass percentage subject wise, from other colleges within the district could not be obtained.**

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

- The Institution supports and encourages sustainable good practices, which effectively support the students and facilitate optimal progression
- Personal Counseling by the faculty to help to choose the right path.
- The lecture attended condition is waived off even in the case of married / working student in order to encourage them in pursuing their studies and create opportunities for them to move on to higher education or towards employment.
- The College has started conducting coaching programmes for Competitive Examinations since **2008** to enable the students to crack government and non-government exams.
- Spreading and encouraging Female education in Higher Education.
- Teachers of the college informally perform the duty of Career-Counseling of individual students so that they can cope better with the demands and pressures of increasingly competitive surroundings and prepare them for their future career.

5.2.3 Enumerate the special support provided to students who are at risk of failure and drop out? Efforts are made to reduce the dropout rate by providing counseling and support.

The following special support is provided to students who are at risk of failure and drop out:

- Concessions are offered to economically backward students in order to minimize the dropout rate and encourage them to pursue their studies.
- Tutorials, discussions, interactions and remedial coaching.
- Personal, academic and social counseling.
- Concept clarification and problem solving exercises.
- Bilingual explanations and discussions.
- Provision of simple but standard lecture notes/course material.
- Revision of topics and practical.
- Steps to enhance their communication skills, art of reading – learning.

5.3 STUDENT PARTICIPATION AND ACTIVITIES

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

Cultural and Extra-curricular activities:

- **Freshers' Welcome:** At the beginning of the Academic Session, after admissions are complete, the Students' Union organizes Freshers' Welcome for the newly admitted students. Beside this senior students of different department's organized cultural programme for the new comers.
- **Social Function:** The Students' Union organizes annual social function usually during the winter season each year.
- **Students union's additional cultural activities:** Students Union of the college performs some additional cultural activities like cultural competition, sports, publication of college magazine etc. Each year they arrange a blood donation camp.
- **Prize Distribution Ceremony:** Prizes are distributed among successful candidates who have topped among the College students in various University Examination, and to winners of Singing, Recitation, Debate, Extempore Speech and Quiz Competitions
- **Cultural Activities:** The College has a long cultural heritage from its very foundation day. In 1992 the college cultural team was invited to organize cultural functions at the All India Integration Camp held in Chennai. The students of this College are enthusiastic about active participation in cultural activities like theatre, dance-drama, singing competitions etc. Annual functions like Antorjatic Matribhasadibos (International Mother Language Day), Sharad Utsab, Basonto Utsab, Departmental reunion etc are organized on a regular basis
- **Promotion of Performing Arts:** The College always encourages cultural activities for a significant contribution to the cultural heritage of the College. The college has a long cultural heritage from its very foundation day. The Cultural Sub-Committee under the convener ship of Dr. Sibani Roy Mondal who monitors all the activities relating to promotion of performing art.

Sports Facilities Available in the Institution and Sports Activities:

The college uses Chakdaha Netaji Subhas Stadium for field and track events and outdoor games. Some indoor infrastructure facilities are available for indoor games. The college make necessary arrangements for using the play ground, adjacent to the college for the students' sports activities as and when required. The Sports sub-committee under the joint convenor ship of Dr. Amit Kumar Chakrabarty and Prof. Mithun Sarkar look after all activities relating to games and sports of college-students.

Indoor Games: The Boys' Common Room is equipped for Table Tennis, Chess and Carom.

Outdoor Games: Permission is obtained from the authorities of Chakdaha Netaji Subhas Stadium focusing their playground, (which is within 300 meters from the College) for outdoor, games like football & cricket.

Annual Sports: The College Annual Sports is held in the Chakdaha Netaji Subhas Stadium.

The college distributes sports kits and makes all necessary arrangements for the students who participate in inter college or university level competitions.

Incentive to Outstanding Sports Person: Teachers encourage needy but outstanding sportspersons individually with voluntary help. Special leaves are granted to enable them to participate in different competitions.



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.

The Chart of the participation of students during in the last two years at the university, state, regional, national and international meets.

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?

Level of Game		Participation of students		Outcome	
	Game	2013-2014	2014-2015	2013-2014	2014-2015
State (University)	Football	18	18	Knocked out in the 1 st round	Qualified for semi-final level
	Athletics	15	15	-----	2 Participant Qualified for semi-final level
	Kabadi Mens	12	12	-----	Knocked out in the 1 st round
	Volley ball Mens	12	12	Qualified for 2 nd round	Qualified for semi-final level
	Football	18	18	-----	
Regional (Inter College)	Athletics	15	15	5 Participant Qualified for semi-final level	-----
	Kabadi Mens	12	12	-----	Champion
	Volley ball Mens	12	12	Qualified for semi-final level	Champion
					level
University Annual Athletics Meet	Athletics	15	15	----	----
National		----	----	----	----
International		----	----	----	----

The institution has the following effective mechanism to seek and use data and feedback from its graduates and employers to improve the growth and development of the institution.

The College hands out feedback perform to the students regarding the course content as well as teacher evaluation. Feedback is also taken from alumni. The feedback obtained is analyzed by the IQAC and the Principal takes necessary action to better the performance of teachers and quality of the institutional provisions.

The institution also has regular interaction with employees and uses their feedback to curve its weaknesses and increase its strengths.

In order to improve the performances and quality, the college has success in introducing the followings:

- Honours Course in Philosophy
- General Course in Education & Computer Science
- Plastic Free Campus
- Introduction of more healthy practices



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

The institution involves and encourages students to literary activities like departmental magazines, wall magazines, college magazines, and otherwise in the following ways:

A faculty member is given the charge of guiding and supporting students in the publishing of a college magazine. College magazines, published annually, give opportunities to students to express their literary skills.

Students are encouraged to write wall magazines, departmental activities and various news regarding subject/faculty and display on display boards of all the departments.

The major publications brought out by the students are the articles/essays/poems in annual magazine written by them during the previous four academic sessions.

The College publishes an annual magazine for students. It is an ideal platform for students to realize their creative potential and hone their writing skills. The students' contributions include poems, stories, articles that reflect their ideas and aspirations.

In addition to this some departments bring out wall magazines which comprise topics relevant to the latest developments in those subjects:

- Wall magazine *Chitralkha* by the Department of Bengali.
- Wall magazine *Mohenjodaro* by the Department of History.
- Wall magazine *Blooms* by the Department of Botany.
- Wall magazine *Impressions* by the Department of English.

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.

Constitution: The statute of the University of Kalyani lays down the objectives, role regarding the functions, election of the union's body and names and number of portfolios it should have, framed by the University's highest executive body, the Court.

Major activities: The Students' Union is an active and constructive body in the College managed democratically by the students themselves. They organize a spectrum of activities. A summary of the annual activities is given below:

Annual activities: Fresher's Welcome; Annual Social Function, Annual Sports; Cultural Competition, Blood Donation Camp, Magazine; Saraswati Puja; Organizing debates & quiz competition; Participations in seminars of the college; Providing Financial Aids from a special fund—Students' Aid Fund; participation in all social and community services related activities,

- It maintains an atmosphere of unity and brotherhood and promotes an academic environment in the College campus.
- It brings forward the grievances of the students to the notice of the authorities.
- It creates a link between administration & students.
- It maintains discipline and cleanliness in the institution.

Funding: Most of the financial requirements of the students' union are met by the college. The



College fund the Annual activities of the students Union and budgetary allocations are made for that at the beginning of each financial year.

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

There is a student representative in every important academic and administrative body and also in every extension unit of the college. The institution encourages participation of the students in all college development activities including planning and implementation. There are representatives of the Students' Union in important academic and administrative bodies for college development for quality sustenance & quality enhancement like the Governing Body; Academic Sub-Committee ; Internal Quality Assurance Cell; Examination Sub-committee, Games & Sports sub-committee.

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

The institution networks and collaborates with former faculty and the Alumni through the Alumni Association (departmental), and departmental Alumni Meets. The former faculty members are invited in all functions and celebrations of the college. Every year, a big cultural function, Sharod Utsab, before the Pujas is arranged, where all present and former faculty members get together and participate in cultural programmes.

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

The evaluative observations made under Student Support and Progression in the previous NAAC assessment report (2008) and the way they have been acted upon:

Observation made by the Peer Team:

Establishment of Career Counseling Cell

Measures Undertaken:

Career and Counseling Cell: The College authority had took an initiative to incept a formal career counseling cell under the convener ship of Prof. (Dr.) Joysankar Basu & 5 Teachers' Member in the academic year 2015-2016 for the benefit of students. It was in effect on and from 30.06.2015.

UGC Sponsored Coaching for Entry Level Examinations in different Government and Non-Government Service especially for the SC/ST/OBC (excluding creamy layer), Minorities and economically backward families. Competitive books & magazines facility are also provided.

Promotion of Performing Arts: The College always encourages cultural activities for a significant contribution to the cultural heritage of the College. The college has a long cultural heritage from its very foundation day. In 1992 the college cultural team was invited to organise cultural functions at the All India Integration Camp held in Chennai. A Sub-committee under the convenor ship of Dr.Sibani Roy Mondal and Dr. Nabanita Chatterjee monitors all the activities relating to promotion of performing art of college students.

The Women Cell: The College authority constituted the **Equal opportunity & Women Cell**, (NARI SAMSAD) to handle the social problems relating to females, addressing issues related to women staff and Gender Sensitization. Dr. Sibani Roy Mondal and Dr. Sabina Jesmin are the joint conveners of the cells. The cell encourages students & staff to participate in all cultural activities. It inspires them for empowerment socially and financially. The cell makes women students aware of the social responsibilities and gives them mental support to fight against sexual harassment. This cell takes initiatives for guidance and counseling of girl students. The Cell invites resource persons from various fields for professional as well as psychological counseling of the student. A workshop on the topic 'Swasthyojjwal Shareer



Charcha' was organized by NARI SAMSAD on 1st December, 2015.

The specific support services/facilities available for Students from SC/ST, OBC/Physically Challenged and economically weaker sections:

- UGC Sponsored free Remedial coaching classes
- Installation of an elevator is underway to meet the needs of the students with physical disabilities.
- Constructed two ramps (one in science building & one in commerce building) are made to meet the needs of the students with physical disabilities
- Exposure given to Computer with net facility
- Provision for purified drinking water
- Provision for testing Arsenic in drinking water
- Provision for Career Oriented Computer Application in certificate courses, run by a private agency in the college premises.



Criterion- Wise Analytical Report

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 characteristic in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

The vision of the Institute is to impart quality higher education to students in and around Chakdaha through proper evaluation, promotion, modernization and sustenance activities to create a self-dependent, benevolent society free of all superstitions.

The missions are:

- To make the college a leading higher learning institute.
- To impart education in all contemporary basic fields with subject-wise specialization.
- To help the neighboring society in all possible ways.
- To impart value based education to make the students responsible citizens in future
- To maintain transparencies in all college activities.

The objectives of the college are:

- To provide a comprehensive and quality education to our students that enables them to realize their potential and self-worth in all spheres of national and global life.
- To emphasize all round physical, mental and value-based development of our students.
- To orient our students to develop their social responsibilities, mutual trust & faith, and motivation of team work through their participation in N.C.C., N.S.S. programmes, field visits, college games & sports, cultural functions etc.
- To promote an inclusive development in higher education through the creation and maintenance of institutional values and ethos in a multi-cultural society without any religious, social, cultural and communal superstitions.
- To equip our students with modern technologies through the use of ICT in higher education so that they evolve as leaders and transforming agents in the present Knowledge Based Society.
- To motivate and encourage our students to participate in research and higher education.
- To create vistas of career and placements for the students in their future lives.

The vision, mission and objectives are in tune with the higher education policies of the country in the following ways:

- The College offers all-round education in various subjects, which helps the students to contribute to national development.
- The College has adopted strategies to satisfy the needs of the students from diverse backgrounds including socio-economic backward community complying with all the norms of the State Government and University of Kalyani.



- Distant learning programme through a Study Centre of Netaji subhash Open University (NSOU) that helps the otherwise engaged but interested people to acquire higher education.
- The modern technology (ICT) is used by the teachers to make teaching learning lively and interesting. Teaching and learning with modern equipments and books help the students compete globally.
- Value-based programmes generate human values like fellow-feeling, commitment to society, awareness of environment etc. The college has adopted mechanism (NCC, NSS) for promotion of participation in community services through various programmes to develop value-based education for inculcating social responsibilities and good citizenry amongst its student community.
- Quality teaching, consulting good numbers of books, organizing seminars by expert personalities, different kinds of workshop automatically generate the quest for excellence among the students (and also teachers).

Vision and mission statements are translated into action in the following ways:

- The college started its P.U (Pre-University) section with arts and commerce in day section and only commerce in evening section. Now it has UG courses in arts, commerce and science with Hons. Courses in as many as 14 (fourteen) subjects to produce responsible citizens in all academic spheres.
- Arsenic detection (in drinking water) programme, students' health home, yoga programme, blood group detection programme, college computer centre (at affordable fees) are some examples by which the college serves the society directly.
- Reservation of seats during admission for SC/ST/PH students.
- Waiving about 5% of tuition fees every year for meritorious-cum-needy students.
- Cultural programmes round the year (Bhasha divas, Sarodutsav etc.) other than the annual college function.
- Wall magazines for a no. of departments.
- Setting up the college in a rural ambience at an appreciable distance from the din and bustle of the main city
- Computer courses at affordable cost and the proposed introduction of communicative English course to help the job opportunities of the students
- UG and PG courses (including counseling) at Chakdaha College center under NSOU for elsewhere employed and engaged people and also for those who find themselves unsuitable to get admitted in regular institutions.
- Keeping all activities of the college including admission, election, selection etc. transparent without any discrimination and prejudice
- Encouraging teachers to be engaged in research activities inside and outside the college campus. These influence the corresponding departmental students in their future lives.

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

For futuristic designing and effective implementation of quality policies, Chakdaha College boasts of an efficient internal management system spearheaded by the Principal. The members of the Governing Body, the Principal, the members of IQAC and all the staff are instrumental in



policy-making and implementation. The Governing Body and the teachers' council constitute several committees, both statutory and non-statutory, for smooth management of admission, examination, extension activities and publication, encouraging research activities, infrastructural developments, cultural and sports activities. The committees include teachers, non-teaching staff and students. The conveners and co-coordinators of the committees report periodically to the Principal or the secretary of the teachers' council. The internal system of the college ensures a healthy mode of communication from the bottom to the top and vice versa.

6.1.3 What is the involvement of the leadership in ensuring?

The policy statements and action plans for fulfillment of the stated mission

- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence**
- **Champion organizational change**

The policy statements and action plans for fulfillment of the stated mission

- Before the commencement of the academic session, the Principal makes an elaborate discussion with the teachers' council, academic sub-committee and the GB members to decide on the policies to be implemented and in turn communicates the instructions in detail to the teachers and the non-teaching staff.
- The head of the institution maintains transparency and clarity in all the affairs of the college as well as the admission process in order to ensure fairness in all and fairness to all.
- Common interactive sessions are regularly held between the staff and the authority for solution of problems and assessment of activities, academic and administrative.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

- Before the commencement of the academic session, the routine is made after careful consideration of the necessities and demands of every department, albeit with a balanced outlook. The members of Teachers' Council and members of the college IQAC design and maintain the academic calendar, create class routine, examination schedules etc. All the cultural activities like annual cultural programme, fresher's welcome, farewell ceremony of final year students, Bhasha Divas, are planned for in advance, along with the annual sports meet. The teachers in charge of sports, NCC and NSS take initiatives for participation of students in district level or state level meets, NCC programmes and camps, health camps, hygiene and sanitation awareness camps with students, respectively.

Interaction with stakeholders

- As per the stipulated norms and conditions all the stakeholders such as students, parents, local community, governmental or non-governmental bodies, the college is



affiliated or attached to, participate in institutional plans. There is an annual Guardians' meeting (guardians are generally invited regarding concession and even their poor and irregular attendance) which provides the feedback from the parents. The students regularly interact with the academic and administrative faculties, both personally and also through the students' union. Students' feedback is also taken to ensure qualitative and effective education. The authority ensures smooth communication between teachers, non-teaching staff and students.

Proper support for policy and planning through need analysis, research inputs and consultation with the stakeholders

- The head of the institution maintains a regular communication system with the heads of the departments to ensure and enhance regular teaching-learning procedure and for development of the departments' functioning. Implementation of each strategy which includes planning, mobilization of resources, capacity building, monitoring and evaluation are practiced and in every aspect teamwork has been applied to lead to the institutionalization of the best practices of the institution.

Reinforcing the culture of excellence

- The culture of excellence is maintained by the college through regular conducting of workshops, arrangement of college-funded as well as UGC seminars, awareness programmes, special lectures on quality innovation, research-oriented seminars, applying for research projects like minor research projects, use of information library network (INFLIBNET), use of ICT, governance pattern and strategic perspective planning. The system of the college is always ready to accept innovative measures in teaching-learning management.

Championing organizational change

- Formation of effective bodies for both academic and administrative purpose
- Continuous surveillance on performance appraisal and evaluation of the staff
- Use of modern and effective teaching-learning aids like use of ICT and smart classrooms in proliferation of education
- Introduction of distance degree courses under Netaji Subhash Open University (NSOU)
- Introduction of ladies' hostel where UGC grants of Rs. Eighty Lac have been approved. The institution has received Rs. Forty Lac out of the approved amount and the receipt amount has already been spent regarding this development.
- Women cell for girl students and lady teachers alike
- Competence development programmes and research activities
- Organization of seminars and workshops
- Interaction with local authorities for societal extension activities
- Transparent admission, counseling procedure and reservation facilities
- Arrangement of health & hygiene camps, field visits and blood donation camps for the sake of comprehensive social development keeping in mind the social responsibility of the institution



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?

- Keeping to its participative and democratic principle of management, the institute makes it a compulsion for the governing body, teachers' council, the college IQAC and non-teaching staff of the college to productively participate in policy-making procedure. The evaluation of the policies is also done in the same manner. While doing this, the institution keeps strictly to the State Higher Education Department, The University of Kalyani, UGC and HRD guidelines for wide effects.

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

- Through regular interaction with the HOD's, the authority attempts to ensure dynamism in teaching-learning
- Funds are allocated for modernization of laboratories and also for purchase of books and instruments and teaching-learning aids
- Laboratory facilities have been upgraded in order to satisfy the needs of the syllabi
- Arrangement of field trips for some departments like Zoology, Geography, Botany etc.

6.1.6 How does the college groom leadership at various levels?

- Relying on empowerment as the most effective tool of good governance, the college decentralizes its functions among various bodies of teachers, non-teaching staff, students etc properly constructed by the authority. These committees report directly to the governing body or the principal and enjoy autonomy in their functioning. These committees run the processes of admission, examination, extension, publication, grievance redressal, cultural and sports activities, health & hygiene activities, promotion of staff, keeping healthy campus life etc.

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

- It is authorised to the Head of the respective Department of the college to operate all the departmental procedures in order to improve quality of teaching-learning process of the department. Departmental Heads are supposed to be responsible for proper allocation of classes among faculty members of the department, smooth conduct of classes, syllabus completion, preparation of examination and evaluation reports, conducting and arranging seminars/workshop/reunion/group discussions etc., improvement of classrooms, furniture, laboratories, ICT facilities etc. He takes all discussions democratically and informing the same to the college authority.
- The College administration is decentralized from the College Governing Body to Different Academic and Administrative bodies comprising of teachers, non-teaching staff, and students to ensure smooth functioning of the college.



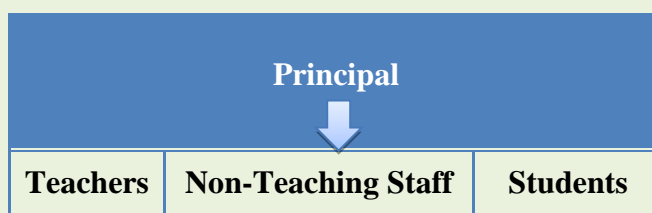
6.1.8 Does the college promote a culture of participative management? If ‘yes’, indicate the levels of participative management.

Yes.

- The College develops a culture of participative management by the involvement of different stakeholders-teachers, non-teaching staff, administrative staff, members of local bodies, govt. and university nominees, students etc. in policy formulation and its implementation to run the college smoothly as per guidelines of the affiliated university and through a systematic organizational structure.
- The highest decision making authority is the Governing Body and Principal is the Secretary of that Body. Governing Body and the Teachers’ Council have formed the various Sub-committees and units for smooth running of the administration. The structure of participative management is given below:

The participative management structure of the institution is shown below

Governing Body (G.B)



Academic, Administrative & Co-curricular Bodies/Committees and Sub-committees		
↓		
<ul style="list-style-type: none"> » Academic Sub-committee » Admission Sub-committee » Examination Sub-committee » Library Sub-committee » Laboratory Sub-committee » Games & Sports committee » Cultural Sub-committee » Seminar Sub-committee » UGC- Sub-committee » Staff Room Amenity » Students Aid Fund committee » Routine Sub-Committee » Counselling & Placement Sub-Committee » Research & Publication 	<ul style="list-style-type: none"> » IQAC » NAAC Steering Committee » Planning Board » Finance Committee » Purchase Committee » Service Book committee » Election committee » Building/Construction committee » Grievance Redressal cell » Anti-ragging committee 	<ul style="list-style-type: none"> » NCC » NSS » Students’ Union » Employees’ Medical Fund » Employees’ Credit Co-operative Society Ltd. » Women Cell » Campus beautification committee

- The levels of participative management are Principal, Academic bodies, Administrative bodies, IQAC, co-curricular bodies. The Academic body consists of Academic Committee, Admission Committee, Examination Committee and Research Committee. The administrative body consists of planning board, election committee, library committee, construction committee, purchase committee etc.
- The Conveners of TC sub-committees and departmental heads, the librarian and the co-ordinator of IQAC are all actively participated in college management process through the regular interactions and consultations with the Secretary of the college executive body(GB), i.e., Principal.



6.2 Strategy Development and Deployment

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

Yes. The Teachers' council & the Internal Quality Assurance Cell (IQAC) of the college prepare a perspective plan for all-round development and quality enhancement regarding academic, administrative and financial matters of the college and the said plan is approved by the Governing Body. The Principal/TIC, TCS, Co-ordinator of IQAC, Convenors of various sub-committees, Head of the respective Departments, administrative staff are responsible for proper implementation of the plan, collection of information and review of it to achieve desire goals of the institute.

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

Yes. The various bodies/committees of the college submit plan proposals through the Principal for the development of the Institute to the Governing Body for intimation, necessary approval and implementation. The college IQAC plays an important role in preparing the perspective plan of the college for its development covering the NAAC stipulated seven criterions: (i) Curricular Aspects,(ii) Teaching-Learning and Evaluation,(iii) Research, Consultancy and Extension, (iv) Infrastructure and Learning Resources, (v) Student Support and Progression, (vi) Governance, Leadership & Management, and (vii) Innovations and Best Practices.

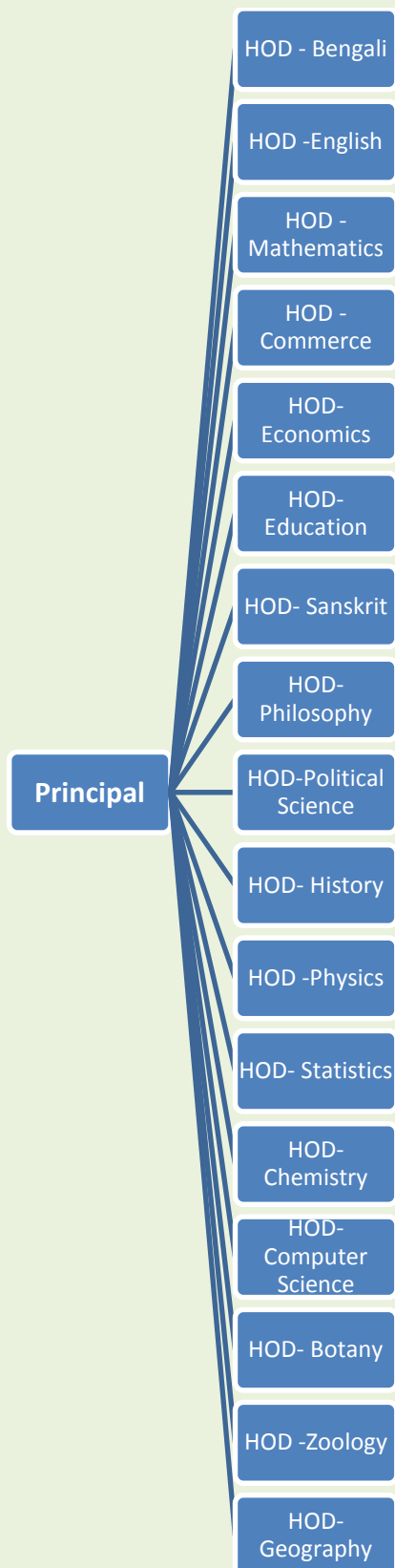
6.2.3 Describe the internal organizational structure and decision making processes.

The institution has developed an internal organizational structure to enables the decision making process more efficient and also fulfill the objective where a sound co-ordination among all will be sustained.



Organizational structure:

Organization of Teaching Staff:



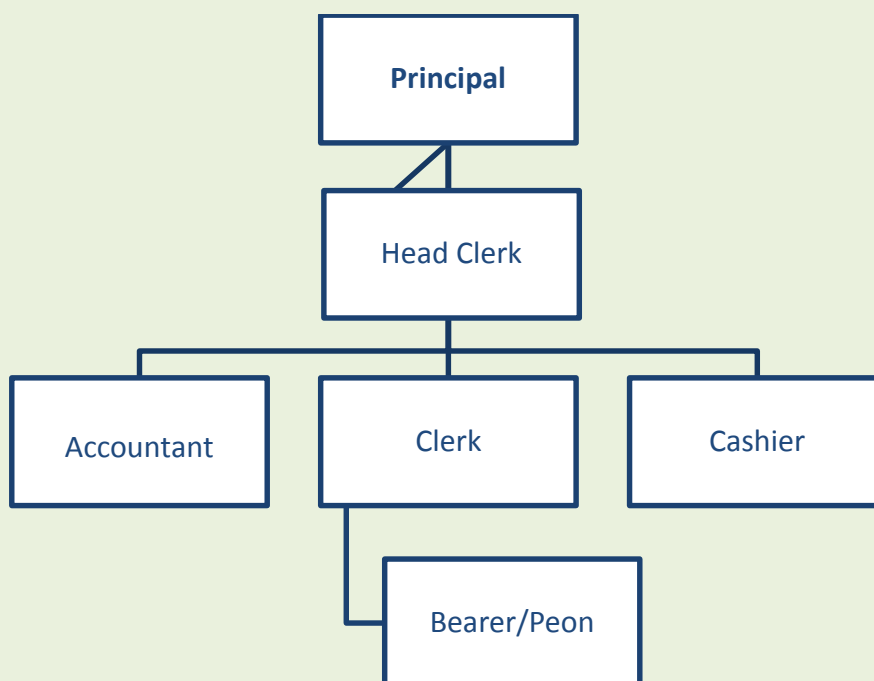
Formal organizational structure for each Subject



Formal organizational structure of Library Staff



Organization of Non-Teaching Staff



Details of the committees and sub-committees:

- The GB is formed with one government nominee, two university nominees, four representatives from college teachers, two representatives of the college's non-teaching staff, chairman of Chakdaha Municipality, the secretary of the students' union and the Principal as member Secretary of the GB. Any one among these members or an eminent personality interested in the college affairs is selected /elected as the President of the Body.
- The IQAC is reconstituted by the GB on 27.06.2014 as per the new guidelines (2013) of UGC/NAAC.
- The Teachers' council of Chakdaha College comprising of all permanent faculty members is formed as non-statutory advisory body as per KU rules.
- The NAAC/ planning board/ research /finance/ purchase/ service book/ election committees & sub-committees are formed by the G.B. that includes teaching and non-teaching employees.
- The Non-teaching staff Association is formed with all permanent/temporary non-teaching employees. The office bearers are elected/selected by the respective members.
- The students' union is formed through election from amongst the students.
- All other sub-committees are formed by the TC with members from TC and non-teaching staff wherever necessary. Each subcommittee has a convenor who convenes meetings related to functions of that committee.



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

TEACHING & LEARNING

- To make the curriculum interesting and effective for the students and to facilitate effective learning outcome, mechanisms have been taken to adopt Learner-centric education approach, academic planning, improved and use of modern teaching-learning aids and application of ICT resources with smart classes.
- Different methodologies like Interactive instructional techniques, projects, power point presentations, field work, surveys, experiments and practical classes, Lectures by experts from other colleges is proposed to be conducted.
- The college ensures clarity, co-ordination, planning and distribution of classes with a definite time frame by use of academic calendar.
- College has upgraded the laboratory status of its various departments in order to satisfy revised syllabus requirements for practical classes. The detail information is mentioned below:
- The *Science faculty of Chakdaha college* since its inception has been keeping itself busy in upgrading the laboratory status of its various departments in order to satisfy the needs of the syllabi. When the syllabi were last updated in 2009, the practical based departments, though significantly equipped with all the necessary lab equipment earlier, received a thrust to uplift their laboratory status in the wake of newly incorporated modern topics in the syllabi.
- *Department of Physics*, for most of its equipment being permanently installed and recurring expenditure except some replacement/repair being lesser, has purchased equipment which will satisfy the students' need.
- *Department of Chemistry* is well equipped with all sorts of scientific instruments – a Spectrophotometer and Fume chambers along with other necessary apparatus and chemicals based on recurring expenditure, contribute a lot to students' satisfaction.
- *Department of Zoology* for the uplift of laboratory status purchased in last two years two Compound Microscopes which facilitate quality practical classes.
- *Department of Botany* in order to improve the lab facility bought some essential apparatus.
- *Department of Geography*, though a newly set up department, has been rendering sound facilities towards practical classes – instead of using pair Stereoscope for aerial photograph, a Mirror stereoscope set has been installed.

Year-wise and Department-wise Expenditure on Lab-equipment Purchased:

Year Dept.	2010-11	2011-12	2012-13	2013-14	2014-15	Total
Physics	8447.00	24796.00	40191.00	39428.00	00	112862.00
Chemistry	133299.00	87450.00	14566.00	73828.00	1870.00	311013.00
Zoology	25330.00	9366.00	209190.00	00	00	243886.00
Botany	00	45050.00	65425.00	00	38619.00	149094.00
Geography	5480.00	00	199441.00	00	1350.00	206271.00

- For effective teaching learning process and uninterrupted research work for the faculty members, audio-visual mode of teaching aids has been applied for some



departments with blackboard, overhead projector, laptop, ICT as teaching aids. Application of computers with internet facilities, generator facilities for uninterrupted power supply has also been made.

- Total computerized of cataloguing of books of the central library is partly completed & creating Information and Library Network (INFLIBNET) is under process for effective use library by students & staff of the college.

RESEARCH & DEVELOPMENT

Upgrading of journals and periodicals, Lab instrument and conference hall have been remodeled. Few faculties are publishing books in a concerned area and few faculties have published textbooks. Research & Publication sub-committee has already been formed to facilitate the different research activities.

- The research & publication sub-committee encourages the research activities of the college and monitors the research activities by establishing 'The Centre for Academic Programme and Research' (CAPR, Research Cell). Infrastructure has also been provided to carry out research activities required by the faculty members.
- To facilitate smooth progress and implementation of research schemes/projects, full autonomy is given to the principal investigator by the institution.
- All the necessary arrangements have been made by the college for timely availability and implementation of research projects according to the demand of the faculty members.
- Internet facilities, LAN facilities in the office and journal and e-journal subscription are made available by the institution to facilitate smooth progress and implementation of research projects.
- Some departments have organized conferences and seminars to attract researchers of eminence to visit the campus and interact with teachers and students.
- The institution encourages and ensures duty-leave for paper presentations by faculty in different International and National Conferences.
- CAPR (Research Cell) always encourages the faculty members for publications in different International and National refereed journals, books, articles in edited volumes, seminar proceedings etc.

COMMUNITY ENGAGEMENT

Community engagement has been ensured through the participation of students, faculty and staff in the following manner by the institution:

- NSS Units and NCC unit of the College extend their helping hands for community development & social works.
- NSS unit has organized various health and hygiene awareness camps.
- NSS organizes blood donation camp at regular intervals in college campus.
- The college promotes Sensitizing & awareness of women against exploitation and abuse of any kind through the Nari Samsad (Women Cell).
- To enhance creative instinct of the students, the institution promotes cultural activities on different occasions.



HUMAN RESOURCE MANAGEMENT

Welfare measures being taken for the staff and faculty:

- The institution organizes to evaluate and to improve teaching learning and research of the faculty at regular intervals.
- For the smooth running of the teaching-learning process, guest faculties are employed.
- Professional development of the faculty have also been ensured by the institution through research, participation in seminars, conferences, workshops and active involvement in local, state and national professional associations.
- Various facilities provided to faculty to carry out their work smoothly.

INDUSTRY INTERACTION

Feedback from the students in addition to the programmes as conducted by the college, involve in furthering and fulfilling the aims and objectives of career and placement cell of the college.

Entry-in- services, sponsored by UGC conducted regularly also provide career and placement counseling to the students of SC/ST/Minority/OBC classes, which form a large portion of the total enrolment.

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

As in the previous year, the IQAC, Chakdaha College has taken an initiative to collect students' feedback in the academic year 2014-2015. The focus of the initiative is to record the students views on different aspects of college e.g. overall teaching-learning, campus amenities, academic and administrative infrastructure facilities etc. The head of the institution and the stakeholders—students, teachers and non-teaching, parents etc. are always in interactive mode with each other regarding the progress of over-all performance of the institution. The Principal collects various information regarding teaching quality, extracurricular activities and infrastructural facilities etc. from students, parents, faculties and the public at-large.

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

The management always supports and encourages the involvement of all the staff to improve the institutional process and to achieve the organizational goals. The management, through the Principal, involves the staff members in various activities and decision-making process related to the curricular, extra-curricular and administrative development of the college. The staff members involve themselves through various committees such as Academic Sub-Committee, Admission Sub-committee, Nari Samsad (Women cell) etc. The convenors and the members of each committee get full freedom to share their wise views with the other members and the management and at the same time before taking any decision all the suggestions are duly considered.



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

In the last year the management council of the College has been made the following resolution for the future prospects of the institution and the implementation status are given below:

Teaching Posts Requirement (Guest)	Twenty three Guest Teachers appointed by G.B.
IQAC Room	Partly Completed
NAAC Co-coordinator's Room	Completed
CAPR (Research Cell)	Partly Completed
LOI for reaccreditation	Not yet sent
Introduction of two new Dept. and Honours in one Dept.	Class started from the session 2015-16
Interior decoration of Principal's Room	Completed
Construction of conference room and interior decoration	Partly Completed

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

No. The college has made no effort in obtaining autonomy.

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

- Yes. The College has a "Grievance Redressal Cell" under the leadership of Principal associated with the IQAC co-coordinator to redress the grievances of the stakeholders. The stakeholders approach to the Cell for their different grievances relating to the academic matters, financial matters, health services, library etc.
- The committee sorts out their problems immediately and tries heart and soul to redress the grievances of the stakeholders as and when required for maintaining the healthy atmosphere in the college campus. This process helps in establishing the mutual understanding among the stakeholders with the college and sustaining the good work culture.

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

No. There have been no instances of court cases against the institution.



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

- Yes.
- The college has already introduced evaluation process for the teachers and also for overall institutional performance. The evaluation process consists of distributing feedback form (containing various questions regarding the performances of the class teachers and performances of institution in various levels) to the students and to take their opinions regarding the performance of concerned teachers and the institutional performances. After getting the feedback from the students first locate the weak points and loopholes of concerned area then some corrective measures have been taken for the improvement.



6.3 FACULTY EMPOWERMENT STRATEGY

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

- To make the curriculum interesting and effective for the students to facilitate effective learning outcome, efforts are made so that the faculty adopt Learner-centric education approach, academic planning, and use of modern sophisticated aids and application of ICT resources through smart classes.
- With the establishment of 'The Centre for Academic Programme and Research' (CAPR), the institution helps in research publication, research work and projects promotion, funding to publish edited volumes on research article. The institution allows and grants duty leaves to the faculty members to participate in faculty development programmes for quality enhancement.
- The institution provides necessary permission for participating in faculty improvement programmes like refresher courses, orientation programmes and short-term courses.

The last five years data is as follows:

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
RC/OP/STC	06	-	05	05	05

- Promoting the participation of students, faculty and staff in all co-curricula, extra-curricular, Community development & Social work.
- Inter-disciplinary views among faculty members are being shared with each other through the study circle for the knowledge enhancement.
- Various games and sports materials have been provided for sports activities among teaching and non-teaching staff.
- Efforts made by the faculty members of different departments for active involvement in local, state, national associations and bodies.
- COSA for financial work-- salary bill, INFLIBNET for library management, Computer added application like Tally for accounts and financial work etc. have been introduced for the skill development and training for non teaching staff.

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?

Infrastructural facilities are available to carry out their work effectively and efficiently:

- For professional development of the faculty members, the institution has always given the permission to participate in refresher courses/orientation programmes /short term courses which has already stated earlier.
- The college organizes many seminars, conferences, workshops, etc. through its different departments.



Department	Date of Seminars
Bengali	13 th & 14 th February, 2009
English	06 th August, 2010
Jointly by Botany, Chemistry, Physics, Mathematics, Zoology and Economics	03 rd & 04 th September, 2010
Chemistry	25 th November, 2011
Political Science	20 th & 21 st December, 2011
Physics	10 th January, 2012
Sanskrit	17 th January, 2012
Zoology	02 nd March, 2012
Chakdaha College	19 th August, 2015

- To promote co-operation, innovative knowledge sharing and empowerment of the faculties, across departments views sharing have been provided.

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.

- Personal quality improvement through performance appraisal system each teacher submits self-appraisal reports for each academic session.
- For the promotion and the placement at higher scales, the Teachers fill up self-assessment forms. The Expert Committee review the details of self-assessment form and interviews the respective teacher and recommends for placement and promotion. Non-teaching staff are also required to arrange self-assessment forms for their Promotional Benefits.

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

- Closely monitors the performance and work culture.
- Performance Evaluation.
- Merits are impartially and meticulously assessed.
- Improving and enhancing the quality and smooth in academics, extracurricular and administrative services.

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?

Welfare schemes available for teaching and non-teaching staff

- Group Insurance Policy for all staff and Faculty.
- Medical Fund is available for all the staff.
- Employees Co-operative Credit Society is also available from which fund can be provided in case of emergency.



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

- Those who are employed on guest are offered better pay.
- Retired professors of the institution become super-annuated teachers in some departments like Physics, English etc.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

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

The accounts department preserves all the memos of grant from the government or any other sources. The finance committee verifies the memos and analyzes the need of the purchase or investment and places the report to the Principal. Principal places it before the GB. After approval from the GB it goes to the desk of accountant. This department keeps the record of the same and after consulting with bursar, prepares the respective bills and sends it to the cash department. According to the need of the each segment of the institution, funds are allocated and applied for the development of building, projects or any other purchase of the institution. Proper procedure for purchases is adopted. Quotations are called for, which compares the prices. The institution has a purchase committee for that purpose. Regular verification and audit of the budget have been made to check the expenditure. In every steps income/expenditure is closely monitored by the Bursar, Accountant and finally by the Principal.

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 college has the internal audit system. Internal audit has been done by local auditor for a few specific grants and their proper utilization like UGC, Government Grants, MP LAD or MLA fund etc. Various financial matters and transactions are verified by the accounts department internally under the supervision of the bursar. The department keeps all the records of financial aspects.
- External audit has been done every year by the Panel Auditor listed by the state government. The Governing Body contacts the authorized Chartered Accountant of the Government who along with his team conducts external audit regularly. Last external audit report for the financial year 2013-14 kept by the college.
- The college has up to date external audit status. During puja vacation 2015 the college has done the external audit of the financial year 2014-15 but the audit report is awaited.
- There were no significant objections raised by the auditors. Some minor mistakes were found, which were sorted out and added some observations like college properties should be insured, implementation of multi-column cashbook, payment to contractor should be made after TDS and Bank Reconciliation Statement should be done regularly.



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 there serve fund/corpus available with Institutions, if any.

- Fees from the students are the major sources of institutional receipts. The grant-in-aid scheme, various grants under the UGC schemes and some specific government grants are other sources of receipts.
- Governing Body manages the deficit by taking administrative decision as and when required. However, for major deficit, if any, the governing body of the college approaches the appropriate authorities of the government for necessary grants.

Synoptic view of last four years Audited Income & Expenditure Statement (Consolidated):

Year	Income (Rs.)	Expenditure (Rs.)	Surplus (Rs.)
2010-11	8643579.00	6963387.00	1680192.00
2011-12	12266319.36	10389509.00	1876810.36
2012-13	12014370.41	8638761.00	3375609.41
2013-14	15367121.12	12822447.00	2544674.12

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

Continuous efforts made by the institution and the faculty members in securing additional funding from different sources. In the year 2013-14 the institution has got Rs. 14, 38,780/- (Fourteen Lakhs & Thirty Eighty Thousand and Seven Hundred Eighty) from MP LAD, in the year 2011-12, Rs. 2, 16,000/- (Two Lakhs Sixteen Thousand) from MLA LAD and in the year 2012, Rs. 9, 50,000/- (Nine Lakhs Fifty Thousand) from SAAC. These funds have been utilized for some new construction, repairing and renovation and some other development purposes.

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 institution a lazing the quality assurance processes?

Yes. IQAC-Chakdaha College has been re-formed in the Governing Body (GB) meeting, dated 26.06.2014 (GB Resolution: Agenda No. 14), as per the (UGC/NAAC) revised (in October 2013) Guidelines of the same with the following members:



- **Dr. Ajoy Paul (Teacher-in-Charge), Chairperson, IQAC**
- **Dr. Arun Kumar Nandi (Co-ordinator, IQAC)**
- **Prof. Sibnath Bandopadhyay (Secretary, Teachers' Council)**
- **Dr. Partha Karmakar (External Expert Member)**
- **Prof. Kunal Banerjee (External Expert Member)**
- **Dr. Jaysankar Basu (Teacher Member)**
- **Prof. Madhumita Das (Teacher Member)**
- **Dr. Anjan Sengupta (Teacher Member)**
- **Dr. Paritosh Biswas (Teacher Member)**
- **Prof Aliul Hoque (Teacher Member)**
- **Sri Asoke Kumar Mukherjee (Head Clerk)**
- **Sanjib (Rajib) Kar (GS, Student Member)**

Presently, Dr. Swagata Das Mohanta is the Principal and Chairperson of IQAC- Chakdaha College. Mention may be made that Chakdaha College, after the first assessment and accreditation by the NAAC on 16.09.2008 (Cycle 1, Outcome: B with CGPA 2.36), IQAC was functioning as one of the Sub-committees of Teachers' Council. The Governing Body (GB) is the ultimate administrative authority of the college and the Principal is the Secretary of GB for day-to-day academic and administrative management of the college. The College has developed several quality assurance mechanisms and a newly-formed Internal Quality Assurance Cell for the betterment and smooth functioning of the existing academic and administrative systems particularly, with regard to quality improvement and quality sustenance initiatives. The college IQAC plays an effective role by formulating the perspective plan at the beginning of each sessions with the discussions of different stakeholders and its internal co-ordination and monitoring mechanisms to help the college administration to take appropriate decisions as regards quality sustenance and enhancement based on existing constraints and opportunities. The IQAC has been conducting different meetings for comprehensive reviews of all academic and administrative activities of the college towards quality improvement. The college authority accomplishes the following mechanisms:

- The college circulates its plan and programmes (upload on website and discuss on different meetings and seminars) and takes necessary steps for implementing the same.
- It provides support and encourages to conduct workshops, awareness programmes, curricula up-gradation, and teaching-learning & evaluation methods, research oriented seminars, applying for research grants and plans for empowering the staff for total quality management and extension activities.
- The college IQAC collects necessary documents from the staff, faculty, other stakeholders and from the college office for the preparation of Annual Quality Assurance Report (AQAR) and submits it to NAAC.
- Receiving all feedback from all the stakeholders of the college and analyses the outcome and IQAC informs the concerned authority for any correction or alteration.
- For the sustenance and improvement of overall quality in teaching, research and administration the institution always appreciates the efforts of the staff and provides support in all respect.



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

Almost all decisions of the IQAC have been approved by the Governing Body of the college. The major approved proposals of IQAC are:

- The perspective Plan and AQAR
- Online admission and the college office automation
- Open up new UG and PG courses
- Academic and administrative audit along with updated financial audit
- Formulation of departmental teaching plan and reforms in evaluation and examinations.
- Design and development of new websites
- Digitization of library with internet connection and membership of INFLIBNET
- Up-gradation of laboratories including computer facilities
- Promotion of research activities and publications
- Feedback from different stakeholders
- Conducting seminars, social activities and computer training programmes etc.
- Environmental innovation and best practices
- Development of infrastructure facilities – CC TV and Wi-Fi zone, class rooms with ICT facilities, separate room for each department, IQAC office room, conference room, hostels, games and sports facilities, supply of pure drinking water in each floor, Ladies washroom, Common Rooms, Student's toilet and Canteen for the supply of hygienic food in the college premises etc.

Most of the proposals of IQAC have been effectively implemented.

Academic and administrative audit is under consideration.

Opening up PG course in Bengali is under consideration

Wi-Fi coverage and installation of CC-TV in the college campus is under consideration.

Office automation and Library digitization is under process.

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

If so, mention any significant contribution made by them.

Yes. The IQAC has the external members on its committee.

Dr. Partha Karmakar, Officer-in Charge of Muragacha Government College, Muragacha, Nadia and Prof. Kunal Banerjee, Associate Professor of Physics (retired) are the external experts of IQAC of Chakdaha College. For the re-accreditation process by the NAAC (cycle 2), their valuable suggestions and guidance enriched us very much. Dr. Partha Karmakar has played an active role in conducting college level seminar on quality improvement in higher education held on 19th August, 2015



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

The General Secretary, Students Union of Chakdaha College is one of the active members of IQAC. The students make suggestions regarding improvement in teaching-learning process, examination system, day-to-day facilities like library services, leisure or canteen services etc. They are also informed about the decisions taken or policies made by IQAC for their welfare through notices & announcements etc. As far as the alumni of the college are concerned, IQAC makes special efforts to involve them in the college programme. The alumni members often motivate the new generation students for their future prospects in various ways and contribute their valuable suggestions for IQAC.

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

Representatives of all stakeholders—Teachers, Students, Non-Teaching Staff, Alumni association and Management--- are the active members of the college IQAC team who give their opinions and also convey the work, plan and activities of IQAC to their communities.

All strategies of IQAC are formulated in consultation with all stakeholders and after thorough discussion in the TC meetings. At the time of execution of the plans, the staff members and students are also involved.

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.

To satisfy the needs of the students from diverse backgrounds including socio-economic backward community, several Strategies have been adopted by institutions as per the Government norms.

Mechanisms regarding Learner-centric education approach, academic planning, improved and use of modern teaching-learning aids through smart classes and application of ICT resources have been taken to make the curriculum interesting and effective for the students facilitating effective learning outcome.

The infrastructure facilities and their optimum use have been restored to maintain the quality of academic and other programmes on the college campus.

The institution promotes research culture, provides facilities for research publication, & supports the faculty members for professional development and quality enhancement of the teaching community.

Mechanism to participate in community services through extension programmes to develop innovative, creative, value-based education for inculcating social responsibilities and good citizenry amongst its student community.

To foster holistic personality development of students various mechanisms have been introduced for active participation in various cultural and sports activities.

Facilitating mechanisms like Career and Counseling cell, Remedial-coaching Classes for socio-economically backward students, grievance redressal cell and welfare measures to support students.



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.

Yes. The institution has provided computer training in collaboration with the Institute for Computer Engineering in India for increasing technical skill and knowledge to its staff for effective implementation of the Quality assurance procedures. The college has also encourages staff and faculty members to participate in different training programmes relating to admission, accounts, library, research, quality improvement seminars, environmental workshop etc. organized by the university and other institutes.

6.5.4 Does the institution undertake Academic Auditor other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

There is no formal academic audit system in the college by the external agency or external academic body. As stated earlier the formal academic and administrative audit is under consideration as per our perspective plan. However, the institution undertakes internal Academic Audit. After thorough analysis by the IQAC and the academic sub-committee of the college, the college introduced feedback mechanism strategies in which students are supposed to give their feedback about the performance.

For the betterment of the institution, the outcomes like student intake, results, research, student facilities, course materials etc are analyzed and adequate measures are taken.

Hope this verification definitely improves the quality of the institutional activities. Thereafter each student is taken care of according to their capacity. Tutorial courses are conducted for the weak students.

Every department keeps on adding equipment, books for the benefit of the students. New additions are made in the infrastructure to improve the teaching learning process at regular intervals.

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

The college follows all the rules of the university, UGC guidelines and DPI instructions and maintains standards in teaching-learning process, conduct of examination & evaluation. As per the academic calendar of the University the college also conducts academic and co-academic programmes. Besides NAAC-assessment and accreditation, the college has submitted reports (two times) on state level assessment of the college performance to the Department of Higher Education, Govt. of West Bengal. The college has also a plan to conduct academic and administrative audit by the appropriate external agency/authority for quality assurance and quality enhancement. The college IQAC has maintained the performance of the teachers in API format both online and offline modes and placed the same to the appropriate authority as and when required.



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

The Academic sub-committee plays significant role to review teaching-learning and evaluation process in the college. The Principal regularly meets the HOD and takes feedback on the teaching-learning progress of each department and gives some necessary suggestions for the betterment of the teaching-learning process. Adherence to academic calendar and formulation and implementation of departmental teaching plan as suggested by the IQAC are the very positive steps in this regard. The Head of the Department distributes/demarcates syllabus, allots classes as per main routine, and provides study materials in consultation with other faculty members of the department so as to achieve desired results. The plans generally highlight the content and time schedule for completion of the chapters. This system encourages the Students to know the academic programme and the components to be learnt and to give examination in due time. This process also ensures that the teachers would know the time frame for teaching – learning process and total attention for the completion of syllabi with given constraints and opportunities in the college. Unit tests are taken by the class teachers in most of the departments and viva-voice are being conducted by some departments at regular intervals. The college has adopted a learner-centric education approach through appropriate methodologies like Academic Calendar, Interactive & instructional techniques like audio-visual mode of teaching, ICT based learning, organizing class seminars, and an Inter-disciplinary approach. This is accompanied by experiential teaching like projects-based learning, Fieldwork through excursions, surveys, experiments and practical classes, etc. Detail information about the evaluation methods and the Examination schedule is given in the college website and college Prospectus at the time of their admission in a course and also in the Academic Calendar at the beginning of a session. Student's attendance of each honours departments are recorded systematically. There is a plan of bio-metric attendance system for general courses students particularly in the morning section in the college for better outcome. The Principal notifies to the students as well as parents regarding university stipulated minimum class attendance on regular basis. Tutorial classes and remedial classes and coaching for entry in services (based on UGC fund availability) are conducted in the college for the weaker students. The students are also encouraged to participate in NCC and NSS camps.

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

- The institution communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through:
- Meetings and direct contact with different stakeholders and sub-committees of teachers, library staff, non-teaching staff, alumni, parents and students.
- The progress of the students is communicated to the students and their parents.
- Regular notifications on the Notice Board and college Websites.
- Detail information are given in the Prospectus and the Institutional official websites www.chakdahacollege.ac.in (main website), www.chakdahacollege.org (for admission), and www.iqac.chakdahacollege.ac.in (for IQAC).
- Policies and plans regarding the quality assurance are communicated to the faculty members, especially the newly appointed ones, in the beginning of the session through meetings with the Principal.



- Policies and plans regarding the quality assurance are communicated to the University, State Government and NAAC through the submission of different reports in this regard.

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

- Governing Body of the College has formed some specific committees for smooth functioning of the admission and examination process, infrastructural development and research oriented activities with the external communities. For maintenance of healthy campus atmosphere and sustenance of smooth communication and sound co-ordination among all, the institution encourages cultural activities, promotes inter-college and intra-college sports and games etc.
- All the departments enjoyed the operational autonomy with computerized infrastructure and the office of the institution has already been partly automated.
- The College has a mechanism for internal and external audit and the college successfully operates the internal financial assessment. The internal audit is carried out by the accounts department with the full supervision of Governing Body of the College.
- The college has up to date external audit status. The college has done the external audit of current financial year 2014-15 but the audit report is awaited as stated earlier.
- To improve the overall institutional activities the institution undertakes academic and administrative audit by use of some specific parameters.



Criterion- Wise Analytical Report

Criterion: VII Innovation and Best Practices



7.1 ENVIRONMENTAL CONSCIOUSNESS

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

There is no formal system for Green Audit. But the institution takes all the affordable measures to keep up an eco-friendly atmosphere in the campus. No plastic bags or garbage are thrown in the campus, only dumped at “use me” bins.

The NCC cadets clean the entire college campus especially the litter every Sunday as a rule.

The NSS cadets also clean the same in a regular interval. They plant tree sapling from time to time inside & outside the college premises.

In every winter the institution makes a small seasonal floral zone.

The weeds, hedges and trees are trimmed, shaped on regular basis without harming the habitats of different birds.

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

The initiatives taken by the institute to make the campus eco-friendly under the leadership of the teacher / principal are:

- Energy conservation
- Use of renewable energy
- Efforts for carbon neutrality
- Plantation
- Hazardous waste management
- E-waste management

❖ **ENERGY CONSERVATION:**

Almost all the class rooms are well ventilated. The institution strictly observes to see that no electricity - equipment run unnecessarily. In order to reduce electricity consumption the lavatory and the corridors have been provided with CFL. Regular monitoring of electric ware to avoid wastage of electricity as well as casualties is done.

❖ **USE OF GREEN GENERATOR:**

The college installed two huge capacity green generators instead of conventional generators with capacity of reduced air and sound pollution.

❖ **E-WASTE MANAGEMENT AND HAZARDOUS WASTE TREATMENT:**

Electronic wastes generated due to unused or discarded computers and refrigerators are disposed off accordingly to their condition.

The waste generated by the department of chemistry is drained off after diluting properly; acid in some cases to be precipitated with ferric alum.

❖ **EFFORTS FOR CARBON NEUTRALITY:**

The College at its own level has taken up certain preventive measure to check emission of carbon dioxide. The College has made arrangements for the parking of vehicles of students and staff near the entrance. This helps in keeping the campus, as much as possible clean. In order to reduce pollution and unnecessary wastage of vehicle fuel the College does not allow two wheelers on campus. The campus is almost smoke free.



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.

Smart class room: One Smart Class Room has been operating now.

Use of ICT in teaching and Learning: The departments of Botany, Chemistry, Zoology, Mathematics, Physics & Economics have been equipped with overhead projectors, LCD, Laptop etc.

Website: To meet the requirement of time, the institution has launched its own website www.chakdahacollege.ac.in where all the relevant information of the institution is made available to all.

Feedback mechanism: Students give the feedback about the teacher at the end of each session. The feedback from the students is obtained teacher-wise and course-wise. The model questionnaire issued by the NAAC is used as a source to prepare the feedback form for this purpose. IQAC analyses these feed-back forms and gives the analyzed evaluative reports to the teacher of the departments. These analyzed, evaluated, reports are perused by the Principal. In turn, the outcome of the feed-back analysis is informed to each teacher for future improvement and encouragement.

Public address system: It has been installed to make important and urgent announcements to the students.

Teacher student's interaction: Informal interactions between students and concerned teacher are encouraged. The Principal and head of the departments also interact with the students. The Principal encourages the HODs and teachers for improvement of teaching quality.

Infrastructural innovation: Besides the existing science building, a new science building having eight class rooms is established.

Departmental library: Besides the central Library, all the departments of this institute have their own book inventory. The students avail this service from their respective departments.

Computerization of library: The library has started automation facilities and its planning to install COHA.

AUDIO SYSTEM FOR TEACHING: The big classrooms are provided with audio facilities.

Computerization of administrative work: The college administrative block has been fully computerized. The administrative work of the office is done with computerized system.



Academic innovations: The College is trying its best to introduce much innovation which improves academics as well as moral excellence among students.

- The college has introduced remedial coaching classes for the students of SC/ST/OBC category students, particularly poor and financially weak ones. For this the UGC has also provided sufficient grants for extra classes.
- Besides remedial courses, the college also introduced a course on “Entry in Services” for the students of SC/ST/OBC categories.
- Field work and excursion for the departments of Botany, Geography and Zoology, are made every year to satisfy the essential part of their system.
- Up-gradation of the laboratories.
- National and state level seminars organized by different departments.
- Research promotion.
- Transparent admission procedure through online.
- Health awareness programme organized by college NSS unit.
- Residential camp dealing specifically with society organized by the college NSS Unit.
- Science exhibition organized by the department of Chemistry.

7.3 BEST PRACTICES

7.3.1 Elaborate any 2 best practices per the annexed format which have contributed to the achievement of the Institutional Objectives and /or contributed to the quality improvement of the core activities of the college.

1. **Testing facilities of water and soil (Both Chemical and Microbiological)**
2. **Community service provided by college NSS Unit, Students’ union and Health awareness programmes organized by ‘NCC’ and ‘NARI SAMSAD’**

Two best practices are as follows:

BEST PRACTICE 1

(1) Title of the practice: Testing facilities of water and soil (Both Chemical and Microbiological)
Departments involved: Chemistry and Botany

(2)Objectives:

- To encourage local people to test their potable water source.
- To invite some entrepreneurs to examine their water for industrial use.
- To involve some students in this practice so that they themselves take initiatives to set up different measures of testing.

(3) The context:

Faculties of the said departments are sufficient and talented enough to serve those practices meticulously without hampering their scheduled, academic assignments. Faculties of other departments especially the willing and capable ones also join the said programme. Following strategies are adopted to get the maximum benefit out of such activities for maximum number of people around.



- Procurement of a few instruments like laminar air flow etc. glassware and necessary chemicals to be used exclusively for this purpose.
- Setting up a laboratory to facilitate such testing.
- Involving more local people for their awareness and developing in them the ability to test their own water source.
- Organising seminars related to the said subjects for mass awareness.

(4)The practice:

- The College has provided optimum facilities to start such activities.
- It has arranged in-house seminars and conferences on arsenic detection, water-pollution, adulteration etc.
- Complete authority is given to the department of Chemistry and Botany to facilitate smooth progress and implementation of the said strategies.
- Protocols, Procedure and Methodology (Both ISI and European Standard) regarding test of water and soil samples have been arranged.
- Essential chemicals and glass materials have been purchased.
- Quite satisfactory success rate in terms of testing is observed.
- Several attempts towards public awareness in regard to the testing of potable water and its sources have yielded positive results.

(5) Observation and constraints:

- Dearth of sufficient space for running this programme.
- Shortage of teaching staff does not permit enough time for testing samples.
- Paucity of financial support, free of cost facilities provided so far is inadequate. So the institution is thinking of charging the client only a token amount.

(6) Notes:

The authority and the concerned faculties are doing their utmost to spread the areas of activity. They are bringing the neighborhood into the confidence. In spite of the constraints, the above-mentioned departments have become successful to a considerable extent.

BEST PRACTICE 2

(1) Title of the practice:

Community service provided by NSS Unit, Students' union and Health awareness programmes organized by "NCC" and "NARI SAMSAD"

(2) Objectives:

Educational institutions are primarily teaching-learning oriented. But this process remains incomplete without a minimum agendum of social welfare for which a consistent practice is necessary. The NSS unit, NCC Unit, Women cell and the Students' Union have been working to promote community services and health-awareness programmes in their own ways. The objective of the practice is to involve as many students as possible in this community service and to make them physically fit, mentally alert and socially committed, i.e. complete human beings, not merely book worms.

(3) Context:

In times of hurry and directionlessness, the tender-aged students should be engaged in noble tasks and welfare activities even within a limited time-span of 5/6 hours per working day and time-bound examination-system so that their energy may be put to proper use. Under the guidance of the



Faculties concerned, and the General Secretary to the Students' Union of the college, every year, different enterprises are invited inside and outside the college premises. With time, some extension programmes are held. Some of these are meant for practical knowledge (knowing blood-groups), some for tackling critical situations (what to do after snake-bite), and some for preventing diseases (how to avoid drugs). Students are also enlightened about the historical and cultural tradition of their nation through the programmes like the Republic Day celebration etc.

4) Practice:

Initially two NSS units worked with the motivation of making the students not only good academicians but also good humans and nationals. But on and from 2014-2015 the said units have been reduced to one as per the statute of the University of Kalyani. However, each year the Unit is trying to extend its periphery and reach out to greater society.

(a) Awareness programmes and activities of the NSS unit of the college:

i) National programmes-

- NSS day observance
- National Youth's Day Celebration
- National Integration programme
- Republic Day observance
- Independence Day observance
- Conducting Red Ribbon Programme

ii) Health Awareness Programmes:

- Blood donation camps
- Blood pressure check-up camp
- Eye check camp
- Thalassemia awareness and detection camp

s

iii) Community awareness programmes:

- Literacy mission
- Plantation programmes
- Anti-drug addiction campaign
- Snake bite awareness programmes
- Scavenging the campus and out side

Apart from these, special camps of seven days had been organized in the peripheral areas almost as a regular practice during 2014-2015.

(b)Activities and programmes organized by NCC Unit between 2010 and 2015: Like NSS Unit, the NCC Unit (Estd. 30th April 1984) of the college has been arranging variegated programmes down the years.

- Three RDC camps (Republic Day Camp)
- One BLC camps (Basic Leadership Camp)
- One LRDC camps (Local Republic Day Camp)
- Four NIC camps (I & II) (National Integration camp)
- All India Trekking camp (In UP & MP)
- Miscellaneous – White Water Rafting Camp

These programmes were held in different places within the state or outside in order to develop and insert among the students the quality of leadership and adventurous spirit. Most of these initiatives ended successfully with some remarkable performances in 2011, 2014 and 2015 when the students of our college occupied second positions for group - dance, solo song and cultural events respectively.



(c) Health-awareness programme, organized by the Women cell (Nari Samsad) of the college - Nari Samsad organized a programme entitled, 'Healthy Lifestyle of Women' to inspire the female students most of whom are hailing from suburban areas or remote villages and are hence deprived of leading a safe, healthy and hygienic lifestyle. Dr. Nandini Bhowmick, the resource-person had given a wonderful demonstration of free-hand exercises which were responded to, with equally enthusiastic participation of the students. The Principal and the lady teachers of Philosophy, Bengali, English, Sanskrit, History, Botany and the lady-staff also attended the programme.

(d) Socio-cultural activities, Annual sports, etc. organized by the Students' Union round the year- This is conventional with the Students' Union of Chakdaha Collge to meddle with and organize various social and cultural programmes throughout the year:

- College social and Naveen- Baran (Freshers' Welcome)
- Sports

These activities help create an ambience of fraternity, fellow-feeling and togetherness in the college. Other than holding annual sports in the college, the Union provides a number of play-items viz. table-tennis, carrom board, football, and volleyball. The Union also plays a praiseworthy role so that not a single incident of ragging or eve-teasing takes place in the campus.

- Humanitarian activities of the Students' Union - It bestows a very good amount as concession on the needy but meritorious students of both the Day and Morning sections. Almost 60 to 70 percent students are benefitted each year.
- In any crisis of the students, the Union performs uniquely and takes them to the dispensaries or nearby hospitals whenever some fellow student is sick.

(5) Evidence of success:

Yearly all the NCC cadets attend at least two Combined Annual Training Camps (CATC 1-15), organised by ADG, W.B and Sikkim, Kolkata. The female students en masse appealed to the Principal of the college for organising many more of health-programmes.

(6) Observation and constraints:

These are chiefly infra-structural and financial: (1) Computers for NSS unit and NCC Unit, (2) financial support from the college or any NGO, (3) more representations from students, (4) inclusion of at least 1 class/week in the master-routine are badly desired!

(7) Note:

Despite the constraints, the authority, the faculties, concerned, the non-teaching staff and the Students' Union always discharge their sincerest efforts to carry on the activities. The students' Union is willing to donate funds to the NSS Unit and NCC Unit as per its capacity.



EVALUATIVE REPORT OF Departments



DEPARTMENT OF BENGALI

- 1 Name of the department : **Bengali**
- 2 Year of Establishment Gen/Hons : **1972/1991**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **5(five)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	03	01	01	01				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
DAY SECTION						
Dr.Swagata DasMohanta	Ph.D.	Principal	Comparative Literature	16	X	X
Dr. Shibani Ray Mandal	Ph.D.	Associate Professor	Linguistics	15	X	X
Dr. Siddhartha Datta	Ph.D.	Asst. Professor	Folklore	15	11	X
Sri Abhijit Mukhopadhyay	M.A.	CWTT	Drama	18	X	X
Aatreyi Siddhanta	M.A.	Guest Faculty		01	X	X
Prokash Biswas	M.Phil	Guest Faculty		01	X	X
Tamasa Datta	M.A.	Guest Faculty		01	X	X
Dr.Ajoy Majumder	Ph.D.	Guest Faculty		01	X	X
MORNING SECTION						



Sri Mihir Nath	M.A.	CWTT	Drama	28	X	X
Sri Abhijit Mukhopadhyay	M.A. M.Ed.	Contractual Full Time	Drama	18	X	X
Sri Sushanta Ghosh	M.A.	Part Time Lecturer	Folklore	18	X	X

11. List of senior visiting faculty: Nil

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

Day Section	:	
B.A. (Gen)	:	30 %
B.A. (Hons)	:	30%
Morning Section	:	
B.A. (Gen)	:	100%

13. Student -Teacher Ratio (programme wise): B.A. (Honours) – 60:01

B.A. (General) – 180:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.:

Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- a. Publication per faculty:
- b. Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- c. 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.)
- d. Monographs
- e. Chapter in Books:
- f. Books Edited:
- g. Books with ISBN/ISSN numbers with details of publishers:
- h. Citation Index: Citation Range



Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited Book	Conf. volume	Apted	Comped	Other
Dr. Siddhartha Dutta	01	12	Nil	06	Nil	Nil	N/A
Dr. Shibani Ray Mandal	01	01	Nil	Nil	Nil	Nil	N/A
Sri Mihir Nath	01	02	Nil	Nil	Nil	Nil	N/A

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil

22. Student projects:

No Research Students as such in the Institution as it is an undergraduate Institution.

23. Awards/ Recognitions received by faculty and students:

Dr. Shibani Roy Mondal awarded Ph.D. in Bengali from University of Kalyani

Dr. Siddhartha Dutta awarded Ph.D. in Bengali from University of Calcutta, 2005

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

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

a) National; b) International: Nil

26. Student profile programme/course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate (%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	22	43	65	19	41	60	19	40	59	100	98	98	23	08
2013	18	47	65	13	42	55	13	41	54	100	98	98	09	15
2014	28	49	77	21	43	64	18	41	59	86	95	92	02	17
2015	24	62	86	14	58	72	13	49	62	93	84	86	16	16

27. Diversity of Students:

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.A. (Hons)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl. No.	Name	Working as	Institution/ Department
1	Narayan Biswas	Faculty, Dept.of Bengali	R.B.U.
2	Prabir Pramanik	Faculty, Dept.of Bengali	K.U.
3	Monalisa Das	Faculty, Dept.of Bengali	Kazi Nazrul University



4	Arnab Chakraborty	Faculty, Dept.of Bengali	Birpara College
5	Tarun Biswas	Faculty, Dept.of Bengali	Kulti College
6	Ranu Biswas	Faculty, Dept.of Bengali	D.L.Roy College
7	Samadhan Shikari	Faculty, Dept.of Bengali	Santipur College
8	Pankaj Biswas	Faculty, Dept.of Bengali	Chapra Govt.college
9	Tarun Biswas	Asstt. Teacher	-
10	Srihari biswas	Do	-
11	Rinku Biswas	Do	-
12	Surajit Mandal	Do	-
13	Suparna Nath	Do	-
14	Rajib Das	Do	-
15	Arun Kumar Biswas	Do	-
16	Suparna Sanyal	Do	-
17	Bhabani Biswas	Do	-
18.	Anup Biswas	Do	-
19.	Amala Sardar	Asstt. teacher	-
20.	Sujata Kundu	Do	-
21.	Bishnuprasad Biswas	Do	-
22.	Kajal Kalla	Do	-
23	Shibu Orang	Do	-

29. Student progression

Student progression	Against % enrolled
UG to PG	-
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities:

Library: The department has its own library which is quite rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

32. Details on student enrichment programmes (special lectures/workshops/seminar)

With external experts: Nil

33. Teaching methods adopted to improve student learning:

Traditional Lecture Method

Remedial classes to weaker section of the students

Special Classes for Hons Students after Test Examinations

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.



35. SWOC analysis of the department and Future plans:

- ❖ **Strength:** Highly dedicated faculty members, bright alumnis, intelligent and hard working students are the strengths of the department.
- ❖ **Weakness:** Shortage of faculty and Space problem and inadequate infrastructure.
- ❖ **Opportunities:** Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, RBU, etc.) for M.A.Degrees. A large number have been working as Assistant Professors in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- ❖ **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.
- ❖ **Future Plans:**
To enrich Departmental Library, to arrange at least one more Sanctioned Full-time post, to provide printing facility of study materials, to build up separate Departmental seminar room, to introduce Post Graduate Course.



INDIVIDUAL PROFILE

DR. SWAGATA DAS MOHANTA, PRINCIPAL

Seminar:

Sl. No.	Year	Organized by	Level	Title
1	2010-2011	Calcutta University	National	Sanjog o Bijukti – Rabindra Nath
2	2010-2011	Hooghly Mohsin College	State	Prachin Bharate Narir Sthan
3	2011-2012	Calcutta University	National	Prajuktibid Rabindra Nath
4	2011-2012	Prasanta Ch. Mahalanbish	National	Biswayan
5	2011-2012	East Calcutta Girls' College	National	Shilpodyogi Rabindra Nath
6	2012-2013	15th World Conference, Rastriya Sanskrit Sansthan	International	Urbashi, Rabindra Manas
7	2012-2013	Calcutta University	International	Bijyanmonosko Rabindra Nath
8	2012-2013	RBC College	National	Gitanjali
9	2012-2013	P.N. Das College	State	Rabindramonone Adhunikata
10	2013-2014	3 rd International Cong for Bengal Studies, CU	International	Samabay Bhabna : Rabindra Nath
11	2015-2016	4 th International Cong for Bengal Studies, TU-FS, Japan	International	Pathya Pustak Rachayita Rabindra Nath

Books Published & Articles in Edited Volume:

Sl. No.	Year	ISBN No.	Title
1	2010-2011	ISBN-978-93-82012-11-5	Bishay Rabindra Nath
2	2011-2012	ISBN-978-81-89827-82-3	Dhoai Charit Manas, Sampadana
3	2012-2013	ISBN-978-93-82012-11-5	Sahitya Barta
5	2013	ISBN-978-3-003-02511-1	Ekti ShilpaShala
6	2014	ISBN-978-93-83590-40-7	Bis Shatake Prabandhy Charca

Membership:

Sl. No.	As	Attached to
1	LIFE MEMBER	ALUMNI, PRESIDENCY COLLEGE
2	G.B MEMBER	UNIVERSITY NOMINEE: APC COLLEGE, MADHYAMGRAM
3	G.B MEMBER	UNIVERSITY NOMINEE: PANIHATI COLLEGE, SODEPUR



DR. SHIBANI RAY MANDAL

Book: Adibasi Bhasa o Samaskriti: Prasanga Nadia Jela, Pustak Bipani, Kolkata, 2003

- Details of seminars/workshops/ training programmes/ sensitization programmes/RC/OP participated in the following format.

Seminar/ workshop etc. title	Regional/State/n ational/ International level	Organised by	Sponsored by	Title of the paper presented (if any)	Date
Sanskrit Literature and Rabindranath	National Level	Chakdaha College, Sanskrit Department	UGC	Pashani Ahalyar Nabarupokar Rabindranath	18-01-12

DR. SIDDHARTHA DUTTA

RESEARCH EXPERIENCE & TRAINING:

Research Stage Title of the work /Thesis

University

Ph.D. / D.Litt./ D.Sc.: NAZRUL SAAHITYE DESHKAAL

University of Calcutta

Any other relevant Information / Research Guidance with brief particular:

RESEARCH PROJECTS CARRIED OUT:

Title of the Project

Name of the funding Agency

Duration

Remarks

Women in Modern Bengali

UGC

2yrs

Literature

Changes of Attitude (1951-2010)”

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOP ETC. ATTENDED DURING LAST TEN YEARS:

Name	Sponsoring Agency	Place & Date
1. Refresher Course in Bengali	UGC	University of Calcutta 12 th Jan.---- 4 th Feb., 2010
2. Refresher Course in Bengali	UGC	University of Calcutta, 2nd Dec.—23rd Dec., 2008
3. Refresher Course in Bengali	UGC	Rabindra Bharati University, 10th-30th August, 2004
4. Orientation Programme	UGC	Academic Staff College-CU, 31 st May 2005-25 th June 2005

TEACHING EXPERIENCE : (In Government Colleges/University)

Course	Duration (Year/Month)
(I) Degree (Hons.)	15yrs.
(II) Degree (Pass)	15yrs.
(III) Post-Graduate	16yrs.



PARTICIPATION IN CORPORATE LIFE:

- (a) Co-curricular activities: Music, Dance, Recitation, Debate, Quiz, Drama, Eloquution, Creative Writing.
- (b) Enrichment of Campus Life:
(Hostel, Sports, Games, Cultural Activities): Sports & Cultural Activities
- (c) Student's Welfare & Discipline: Attached with Student's Welfare [e.g. admission, sports, magazine.
- (d) Editorship of Journals: Member of Advisory Board of Annual Magazine & Wall Magazine

Seminar:

Sl. No.	Year	Organized by	Level	Title
1	2010-2011	CHAKDA COLLEGE	STATE	
2	2010-2011	CHAKDA COLLEGE	STATE	
3	2010-2011	CALCUTTA UNIVERSITY	NATIONAL	
4	2010-2011	KALYANI UNIVERSITY	INTERNATIONAL	
5	2010-2011	KALYANI UNIVERSITY	INTERNATIONAL	
6	2011-2012	JOGAMAYA DEVI COLLEGE	NATIONAL	Samaj Shoson o Narir Pratibad
7	2011-2012	CHAKDA COLLEGE	NATIONAL	
8	2011-2012	CHAKDA COLLEGE	STATE	Manabadhikar Swarup : Prachin Bharater Samaj Babasthar Prekshite
9	2012-2013	CHAKDA COLLEGE	NATIONAL	
10	2012-2013	CHAKDA COLLEGE	STATE	
11	2012-2013	ASUTOSH COLLEGE	STATE	
12	2013-2014	RABINDRA BHARATI UNIVERSITY	INTERNATIONAL	Lok Sanskritir Nana Angik: Thakurbarir Prekshite
13	2013-2014	RABINDRA BHARATI UNIVERSITY	INTERNATIONAL	Chand Saroker Manushere
14	2013-2014	3 rd INTERNATIONAL CONGRESS BENGALI STUDIES	INTERNATIONAL	Banga Ranga Manche Najrul
15	2014-2015	CALCUTTA UNIVERSITY	NATIONAL	Prabade Kolkata o Kolkatar Itihas

Books Published & Articles in Edited Volume:

Sl. No.	Year	ISBN No.	Title
1	2011	-	Kazi Najrul Islam
2	2013	ISBN-978-93-82304-32-6	Ek Sotta: Dui Dhara
3	2013	ISBN-81-8636-38-03	Manabadhikarer Swarup: Prachin Bharater Samaj Babasthar Prekshite.

MIHIR NATH

Seminar:attended National Level seminar held at Chakdah College in 2012

Publication: Poems in “Ami Arani”, ISSN-22778780

PROKASH BISWAS

UGC Sponsored Two Days International Seminar, Department of Bengali, K.U

Subject: Bankim Chandra o Sampradayikata

UGC Sponsored Two Days International Seminar, Department of Bengali, K.U

Subject: ChaitanyaDeb: Gana Andoloner Purodha

Nternational Seminar on life & Works of Swami Vivekananda.

Subject: Bangla Sahityer Agrogati o VivekaNanda

Swami Vivekananda and the youth of Modern India by NSS.

Mukhosri o Mukhabayob: Tarasankarer Chitipatra

Tarasankarer Jalsagar: Dui Imjarir Dwandik Darpan



SUSANTA GHOSH

Seminar:

- Absenteeism among college students and its Remedies on 21.12.2001
- The Gender Revelation: Woman in Politics of 20th Century. On 23rd March 2007
- UGC sponsored two-days State Level Seminar on “Combating the threat of Climate Change: Redemption for humanity” organized jointly by the Dept of Botany, Chemistry, Physics, Mathematics, Zoology and Economics, Chakdaha College in collaboration with Shimurali Sachinandan College for Education, Nadia on 03.09.2010 and 04.09.2010
- UGC sponsored one day State Level Seminar on “Diabetes a Silent Killer” organized by the Dept. of Zoology, Chakdaha College in collaboration with Kalyani Mahavidyalaya, Nadia on 02.03.2012
- UGC sponsored one day National Seminar on “Acharya Prafulla Chandra Roy: Revaluation of life and works on his 150th Birth Anniversary” organized by the Dept of Chemistry, Chakdaha College in collaboration with Shimurali Sachinandan College for Education, Nadia on 25.11.2011
- UGC sponsored two-days National Seminar on “Human Right and the Indian State” organized by the Dept. of Political Science, Chakdaha College in collaboration with Netaji Subhash Open University, Chakdaha College Centre on 20.12.2011 and 21.12.2011

Orientation Course:

- Orientation of NSS Programme Officer on 21.09.2006 Haringhata Mahavidyalay
- Orientation course 7 days on 26.07.2014 of Kalyani University.



DEPARTMENT OF ENGLISH

- 1 Name of the department : **ENGLISH**
- 2 Year of Establishment Gen/Hons : **1972/1995**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	03	01	01	01				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
DAY SECTION						
Dr. Jaysankar Basu	Ph. D	Associate Professor		36	.....	Nil
Smt. Madhumita Das	M. Phil	Associate Professor		27	X	X
Sri Abhijit Biswas	M.A.	Part-time Lecturer		17	X	X
Sri Tarun Kumar Bag	M.A.	Guest Lecturer		07	X	X
Smt. Sipra Das	M.A.	Superannuated		02	02	X
Smt. Sriparna Chakraborty	M.A.	Guest Lecturer		01	X	X
MORNING SECTION						
Sri Abhijit Biswas	M.A.	Part-time Lecturer		18	X	X

11. List of senior visiting faculty: Nil



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

Day Section

B.A. (Gen) : 40%

B.A. (Hons) : 44%

Morning Section

B.A. (Gen) : 100%

13. Student -Teacher Ratio (programme wise): B.A. (Honours) – 65:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.:

Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre / facility recognized by the University: Nil

19. Publications:

- a. Publication per faculty:
- b. Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- c. 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.)
- d. Monographs
- e. Chapter in Books:
- f. Books Edited:
- g. Books with ISBN/ISSN numbers with details of publishers:
- h. Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comped	Other
Dr. Jaysankar Basu	02	.....	.....	.....	.....	.....	N/A
Sriparna Chakraborty	....	03	.....	.....	....	.....	N/A

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil

22. Student projects:

No Research Students as such in the Institution as it is an undergraduate Institution.

23. Awards/ Recognitions received by faculty and students:

Dr. Jaysankar Basu awarded Ph.D. in English from University of Kalyani in 2004

Smt. Madhumita Das awarded M. Phil in English from University of Kalyani in 1996

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

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

a) National; b) International: Nil



26. Student profile programme /course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	16	36	52	15	26	41	14	26	40	93	100	98	05	21
2013	21	35	56	17	38	55	15	38	53	88	100	94	03	02
2014	20	43	63	17	38	55	16	30	46	94	79	84	02	13
2015	29	38	67	12	30	42	12	25	37	100	83	91.5	01	37

27. Diversity of Students:

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl.	Name	Passed SET/NET/SSC	Working as	Institution/Department
1	Anirban Bhattacharya	NET, 2008	Asst. Prof.	Santipur College
2	Bula Howladar	NET, 2012	Asst. Prof.	-
3	Kajal Sutradhar	NET, 2011	Asst. Prof.	JNMS College
4	Shilpi Basak	NET, 2012	Asst. Prof.	SRLM College
5	Ayan Halder	NET, 2012	Asst. Teacher	-
6	ChitraNiva Sadhukhan	NET, 2011	Asst. Teacher	-
7	Purbita Garai	NET, 2013	Asst. Teacher	-
8	Tanushree Saha	NET, 2012	Asst. Teacher	-
9	Suman Chakraborty	NET, 2012	Asst. Teacher	-
10	Sudipta Mandal	NET, 2015	Asst. Teacher	-
11	Prabin Biswas	NET, 2014	Asst. Teacher	-
12	Sayan Bhattacharya	NET, 2012	Asst. Teacher	-

29. Student progression:

Student progression	Against % enrolled
UG to PG	70% (approx)
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library having 120 books in collection.

Internet: Facilities for Staff & Students centrally in Central Library

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.A. (Hons)	100	--	--



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

All the students belonging to SC/ST/ receive scholarships from Govt.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts: No

33. Teaching methods adopted to improve student learning:

Traditional Lecture Method

Remedial classes to weaker section of the students

Special Classes for Hons Students after Test Examinations

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- ❖ **Strength:** Highly efficient and meticulous faculty members as well as so many toppers and first Class-baggers in the University Examinations in a regular interval.
- ❖ **Weakness:** Shortage of faculty and poor Departmental Library. Space problem and inadequate infrastructure and **absence of language laboratory**.
- ❖ **Opportunities:** organization of Seminar, symposia and cultural programmes to boost the academic environment. Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, RBU, etc.) for M.A. Degrees. A large number have been working as Assistant Professors in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- ❖ **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.

Future Plans:

To organize National and International Seminars; to to arrange Special Lectures by veteran Teachers in India and Abroad; to publish Departmental Journal to encourage both faculties and students.



INDIVIDUAL PROFILE

DR. JAY SANKAR BASU

Designation : Associate Professor in English
Department : Department of English
Date of joining in Chakdaha College : 05.11.1979
Prior to Chakdaha College (if any) : Part-time Lecturer at Nabadwip Vidyasagar College

▪ Details of MRP/or any research project currently going on

Major/Minor	Title of the Project	Funded by	Amount	Duration	Sanction memo no.	Year
Nil						

▪ MRP completed during 2010-2015. Give details in the above format

Major/Minor	Title of the Project	Funded by	Amount	Duration	Sanction memo no.	Year
Minor	Film and Fiction	UGC	Rs. 1,00,000	2years.	F.PHW-062/07-08	Submission: 2010

▪ Details of publications

Authors	Title of paper	Journal/book etc.	ISBN	Year
Jay Sankar Basu	Reality, Reader and Short Story	Akademikerverlag Gmb H&Co. KG, Germany	983-3-659-21063-1	2012
Jay Sankar Basu	Turtle Hearts in Iceberg Short Story.	Akademikerverlag Gmb H&Co. KG, Germany	978-3-659-28954-5	2012

▪ Details of seminars/ workshops/ training programmes/ sensitization programmes/ RC/ OP participated

Seminar/ workshop etc. title	Regional/State/national/ International level	Organised by	Sponsored by	Date
Evil.....Shakespeare	State	English dept., Chakaha college	UGC	06 Aug., 2010
Combating.....humanity	State	Botany dept., Chakdaha college	UGC	03 & 04 Sept., 2010
Human rights.....state	National	Political Sc. Dept., Chakdaha college	UGC	20 & 21 Dec., 2011
Green .....ahead	National	Physics dept., Chakdaha college	UGC	10 Jan., 2012
Diabetes...killer	States	Zoology dept., Chakdaha college	UGC	02 Mar., 2012



Prof. MADHUMITA DAS

Designation: Associate Professor

Area of Specialization: Drama

Seminars/ Conferences/ Symposium/ Workshops attended:

Sl.	Name of the Seminars	Names of the Sponsoring Agency	Place and Date
1	Rabindranather Krishi Shilpo O Samabay Bhabna	UGC (State Level)	Chakdaha College, 13-14 Feb, 2009
2	Religion and Popular Culture in the Indian Sub-Continent	UGC (National Level)	Bethune College, 7-8 Dec, 2010
3	Evil and its Remitiations in Shakespeare	UGC (State Level)	Chakdaha College, 6 Aug, 2010
4	Acarya Prafulla Chandra Roy: Re-evaluation of Life and Works	UGC (National Level)	Chakdaha College, 25 Nov, 2011
5	Human Rights and the Indian States	UGC (National Level)	Chakdaha College, 20-21 Dec, 2011
6	Diabetes: A Silent Killer	UGC (State Level)	Chakdaha College, 2 March, 2012

Any other information: attached to Shakespeare Society of Eastern India, 6A, Moharaja Nanda Kumar Road, Kol, 700-029 for years.

SRIPARNA CHAKRABORTY

Publications:

- (1) 'Blurring The Margins: Function of Cultural Studies in Herding Tradition and Post Modernity Together', published in LONGLIT, An Internal Peer-Reviewed Open Access Journal, ISSN 2349-5189.
- (2) 'When Colour Imperialism Prevails over Literary (The Bluest Eye) and Digital Media', published in Studies in Post Colonialism, A Partridge Publication(A Penguin Random House Company), ISBN 978-1-4828-5130-4(Soft cover) and 978-1-4828-5130-1(e Book).
- (3) Alienated Self and Its Exile: A literary Journey through James Joyce Short Story Everline, Heteroglossia Vol VII, 2015, Nistarini College, ISSN: 0975-167X



DEPARTMENT OF SANSKRIT

- 1 Name of the department : **SANSKRIT**
- 2 Year of Establishment Gen/ Hons : **1972/2007**
- 3 Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :
 - a) **BA Honours Course in Sanskrit**
 - b) **BA General Course (Sanskrit as one of the Elective subjects)**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 Annual/ semester/ choice based credit system (programmewise) : **Annual Examination**
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	02	01

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

Name	Qualification	Designation	Specialization	No.ofYears of Experience		No.ofPh.D. Students guidedforthe last4years
				UG	PG	
Shilpi Sarkar	M.A., M.Phil.	Assistant Professor	Veda & Dharmasastra,	01 year	Nil	Nil
Tripti Sen (Das)	M.A	Guest Lecturer	Epigraphy	10yrs	Nil	Nil
Sovan Chakraborty	M.A.	Guest Lecturer	Kavya	5 yrs.	Nil	Nil
Mallika Banik	M.A.,	Guest Lecturer	Kavya	5 yrs.	Nil	Nil
Joyita Rana Das	M.A.	Guest Lecturer	Veda	3 yrs.	Nil	Nil
Shreya Basu (Morning)	M.A	Guest Lecturer	Dharmasastra	4 yrs.	Nil	Nil
Yogmaya Roy	M. A.	Guest Lecturer	Kavya	2 yrs	Nil	Nil



11. List of senior visiting faculty: NIL

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

Courses	Percentage
B.A. Gen B.A. (Hons)	69% (G & H)

13. Student- Teacher Ratio (programme wise): (Hons) 61:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with D. Sc/ D. Litt/ Ph. D/ M. Phil/ PG: Please See SL.No.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

Sl. No.	Type	Sanctioned amount	Source	Year	Level

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/ facility recognized by the University: NIL

19. Publications:

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

Publications:

Name	Publications of Research Papers (in No.)						
	Book	Journal	Edited book	Conference volume	accepted	communicated	Others
Sovan Chakraborty	Nil	Nil	Nil	Nil	Nil	Nil	2

20. Areas of consultancy and income generated: NIL

21. Faculty as members in:

a) National committees b) International Committees c) Editorial Boards: **NIL**



22. Student projects:

- a) Percentage of students who have done in-house projects including inter departmental/ programme: **NIL**
- b) Percentage of students placed for projects in organizations out side the institution i.e. in Research laboratories/ Industry/ other agencies: **NIL**

23. Awards/ Recognitions received by faculty and students:

- MALLIKA BANIK awarded M. Phil in 2011 from Calcutta University
- SHILPI SARKAR awarded M. Phil in 2013, JNU

24. List of eminent ademicians and scientists/ visitorstothe department: NIL**25. Seminars/ Conferences/ Workshops organized & the source of funding:**

- National b. International: UGC sponsored State Level Seminar on Sanskrit Literature & Rabindranath, organised by Department of Sanskrit, Chakdaha College on 18th January 2012

26. Student profile programme/ course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	05	30	35	03	27	30	03	26	29	100	96	97	25	14
2013	07	33	40	05	31	36	05	31	36	100	100	100	25	10
2014	09	37	46	06	35	41	06	33	39	100	94	95	07	11
2015	14	35	49	06	30	36	05	26	31	83	87	86	16	27

*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
Sanskrit (Hons, Gen)	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Name	Passed SET/NET/SSC	Working Place
Yogmaya Roy	NET-JRF, 2011	Chakdaha College
Rubi Rana	NET, 2012	-
Suparna Sarkar	NET, 2012	-
Tarak Majumdar	NET, 2012	-
Priyanka Majumdar	NET-JRF, 2013	-



29. Student progression:

Student progression	Against % enrolled
UGtoPG	-
PGtoM.Phil.	NIL
PGtoPh.D.	NIL
Ph.D.toPost-Doctoral	NIL
Employed <ul style="list-style-type: none"> ▪ Campusselection ▪ Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities:

- Library
- Internet facilities for Staff & Students
- Class rooms with ICT facility
- Laboratories

	Access to Library		Internet facilities	Class room with ICT facility	Laboratories
	Departmental	Central			
Teacher	Yes	Yes	Yes	Yes	Not Applicable
Student	Yes	Yes	Yes	Yes	Not Applicable

31. Number of students receiving financial assistance from college, university,

Government or other agencies: All SC/ST/OBC/Minority students receive scholarships from the state Government.

32. Details on student enrichment programmes (special lectures/ work shops/seminar) with external experts: No**33. Teaching methods adopted to improve student learning:**

- Student Centric Teaching-Learning process
- Lecture Method & Board work
- Use of Computer and Internet
- Class test
- Remedial, Special Classes, tutorials etc.
- Smart Class
- Assignment
- Term Paper, Paper Presentation, Open Book Exam

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

The student and faculty members participate in Institutional Social Responsibility (ISR) and Extension activities organized by the NSS /NCC units of College.



35. SWO Canalysis of the department and Future plans

A) Strength:

- i) The main strength of the department is the demand for the subject by the students since student-teacher ratio is 61:
- ii) With acute shortage of full time faculty (only one out of the two sanctioned post) the department is moving forward imparting quality teaching and striving hard to complete syllabus in time.
- iii) Satisfactory results with around 97% pass percentage for honours course for last five years

B) Weakness:

- i) Lack of full time teachers in our department.
- ii) Percentage of attendance (class) is very poor for 3rd year Honours Student in our department
- iii) Teacher Student Ratio is not at all balanced
- iv) Sufficient books are not available in the departmental library.

C) Challenges:

- i) Two more substantive full time teaching posts creation is the need of the hour.
- ii) To meet the demand of the students with acute shortage of fulltime teaching staff.
- iii) To make the subject more attractive and interesting by adopting modern teaching aids - like audio-visual mode, more field work and surveys etc.

D) Future Plans:

- i) To start regularly Research work / project and publication by teachers at international and national levels.
- ii) To organize State/National / International Levels Seminar in each academic year in our Department.



Individual Profile

SHILPI SARKAR

Details of Paper presentation:

Seminar/Workshops/Conference etc. title	Regional/State/National/International level	Organised by	Title of the paper presented (if any)	Place & Date
16 th World Sanskrit Conference	International	International Association of Sanskrit Studies (IASS)	A Study of the Manuscripts of Dattamahodadhi with Special Reference to the Concept of Dyāmuṣyāṇa	28 th - 2 nd July, 2015, Bangkok
Seminar	National	Indian Institute For Purāṇa Studies	‘Agni Purāṇa ka Sarvekshaṇa’	25 th -26 th March, 2014, New Delhi,

Details of Seminars/Workshops/training programmes/Sensitization programmes/RC/OP participated

Seminar/Workshops/Conference etc. title	Level	Organised by	Place & Date
Seminar on Application Of Information Technology for Conservation, Editing and Publication of Manuscripts	National	Multi-vision Theatre, ISKON	20 th - 22 nd January, 2013, Bangalore
Seminar on “Fine arts and technical science in Sanskrit literature	Regional	Department of Sanskrit, RBU	4 th December, 2015, Kolkata
Workshop on ‘How to write and get published in the best journals	Regional	JNU	26 th February, 2013, New Delhi
Workshop on Pūrvamīmāṃsā (Level-1)	National	Special Centre for Sanskrit Studies, JNU	11 th - 23 rd March, 2013, New Delhi
Workshop on Sharada Script Learning	Regional	Special Centre for Sanskrit Studies, JNU	8 th - 10 th November, 2013, New Delhi
Workshop on Sharada Script Learning	Regional	Special Centre for Sanskrit Studies, JNU	18, 19 Feb, 2014, New Delhi
Workshop on Science & Technology for Sanskrit	Regional	Special Centre for Sanskrit Studies, JNU	10 th - 12 th March, 2014, New Delhi
Workshop on Introduction to Knowledge	Regional	Chinmaya	3 rd - 8 th



Representation in Eastern (Navya Nyāya) and Western logic		International Foundation ShodhaSansthan	September, 2012, Ernakulam, Kerala
Workshop on Manuscriptology & Palaeography (Basic Level)	National	IGNCA & Collaboration with Centre for Ancient History and Culture, Jain University	19 th Nov.- 9 th Dec, 2012, Jain University, Bangalore
Workshop on <i>Navya Nyāya Language and Methodology</i> , (level-1)	National	Chinmaya International Foundation ShodhaSansthan	2 nd -13 th July, 2012, Ernakulam, Kerala
Workshop on Sanskrit Samvadashala	Regional	Sanskrit Bharati	1 st – 14 th May, 2011, New Delhi,
Workshop on Karakachakra, Under the Navya Nyaya Language & Methodology	National	The Asiatic Society	8 th -19 th December, 2014, Kolkata
Seminar on ‘Quality Improvement in Higher Education	Regional	Chakdaha College	19 th August, 2015, Chakdaha
Seminar on “Reminiscence of Moriz Winternitz in his 150 th Anniversary”	Regional	Calcutta University	11 th December, 2014 Kolkata

- MPhil in 2013 from Special Centre for Sanskrit Studies, Jawaharlal Nehru University, New Delhi. The title of the dissertation is “Dattamahodadhigranthasya Caturthaparicchedam Y āvad Vimarśātmakam Sampādanam”.
- Currently enrolled for PhD in Special Centre for Sanskrit Studies, Jawaharlal Nehru University, and New Delhi with the title “Critical Edition and Analysis of Dattamahodadhi”.
- Received Rajiv Gandhi National Fellowship by UGC from August, 2011 to July, 2014.



DEPARTMENT OF HISTORY

- 1 Name of the department : **HISTORY**
- 2 Year of Establishment Gen/Hons : **1975/1984**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X	Nil	Nil	Nil	Nil
Associate Professor	Nil	X	X	X	Nil	Nil	Nil	Nil
Assistant Professor	02	01	Nil	01	Nil	Nil	Nil	Nil

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guiding for the last 4years
				UG	PG	
DAY SECTION						
Dr. Partha Dutta	Ph. D.	Assistant Professor	Modern Europe History	18	08	02
Smt. Swagata Bhadra	M.A.	Part-time Lecturer	Modern Europe History	18	X	X
Sri Krishna Kishore Ghosh	M.A.	Guest Lecturer	Women Studies	10	X	X
Sri Palash Biswas	M.A.	Guest Lecturer	Women Studies	03	X	X
Sri Firoz Mandal	M.A.	Guest Lecturer	Women Studies	04	X	X
Smt. Sudeshna Barui	M.A. M.Phil.	Guest Lecturer	Women Studies	03	X	X
MORNING SECTION						
Smt. Pali Dey	M.A.	Part-time Lecturer	Modern Europe History	18	X	X
Smt. Sonali Kar	M.A.	Part-time Lecturer	Modern Europe History	18	X	X



Sri Prakash Ch Das	M.A.	Guest Lecturer	Women Studies	05	X	X
Sri Samaresh Patra	M.A.	Guest Lecturer	Women Studies	05	X	X

11. List of senior visiting faculty: Nil

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

Day Section	:	
B.A. (Gen)	:	90%
B.A. (Hons)	:	60%
Morning Section	:	
B.A. (Gen)	:	100%

13. Student -Teacher Ratio (programme wise): B.A. (Honours) - 75:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.: Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Compe d	Other
Dr. Partha Dutta	05	07	06	01	Nil	Nil	N/A

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Dr. Partha Dutta, Member, Editorial Board, Journal of Social Development and Research, ISDR, Ranchi

22. Student projects:

No Research Students as such in the Institution as it is an undergraduate Institution.

23. Awards/ Recognitions received by faculty and students:



Dr. Partha Dutta awarded Ph.D. in History from University of Kalyani

Dr. Partha Dutta awarded Associateship in Indian Institute of Advanced Study, Shimla for 3 Spells

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

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

a) National; b) International: Nil

26. Student profile programme/course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	30	30	60	27	28	5	26	28	54	96	93	9	20	08
2013	37	23	60	29	20	4	29	20	49	100	100	1	07	18
2014	31	34	65	22	33	5	22	31	53	100	94	9	08	15
2015	33	38	71	22	28	5	19	24	43	86	86	8	01	29

27. Diversity of Students:

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.A. (Hons)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl.	Name	Passed SET/NET/SSC (2008 and onwards)	Working as	Institution/Department
1	Sri Samir Mandal	SET	Asst. Prof.	Barasat Govt. College
2	Dr. Tusher Baran Haldar	SET	Asst. Prof.	Chandahati College
3	Dr. Sharmila Dutta Banik	SET	Asst. Prof.	Sripat Singh College
4	Dr. Subhas Biswas	SET	Asst. Prof.	Vidyasagar Metropolitan College
5	Prof. Sushendu Biswas	SET	Asst. Prof.	Jangipur College
6	Prof. Alok Biswas	SET	Asst. Prof.	Krishnanath College
7	Prof. Asim Mondal	SET	Asst. Prof.	Lalgola College
8	Prof. Goutam Sarkar	SET	Asst. Prof.	Beldanga College
9	Prof. Alok Biswas	SET	Asst. Prof.	Santipur college
10	Prof. Sachin Chakraborty	SET	Asst. Prof.	Kandi Raj College
11	Sri. Sanjoy Roy	SET	-	-
12	Dr. Subhashis Chakraborty	SET	Asst. Prof.	Arambagh Women's College
13	Prof. Susanta Mondal	SET	Asst. Prof.	Midnapore College
14	Sri Kamal Biswas	SET	-	-
15	Prof. Ashutosh Bala	SET	Asst. Prof.	Ranaghat College
16	Prof. Krishna Ghosh	SET	Asst. Prof.	-



17	Sri Raghunath Roy	SET	-	-
18	Smt. Uma Nandi	SET	-	-
19	Prof. Dola Roy	SET	Asst. Prof	B.T. College

29. Student progression:

Student progression	Against % enrolled
UG to PG	60% (approx)
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library which is quite rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

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

No

33. Teaching methods adopted to improve student learning:

Traditional Lecture Method

Remedial classes to weaker section of the students

Special Classes for Hons Students after Test Examinations

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members, well equipped smart classrooms, intelligent and hard working students are the strengths of the department.
- **Weakness:** Shortage of faculty and poor Departmental Library. Space problem and inadequate infrastructure.
- **Opportunities:** Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, RBU, etc.) for M.A.Degrees. A large number have been working as Assistant Professors in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.
- **Future Plans:**
To organize National and International Seminars; to to arrange Special Lectures by veteran Historians in India and Abroad; to publish Departmental Journal to encourage both faculties and students.



Individual Profile

DR. PARTHA DUTTA

Publications:

Sl.	Title	Journal/Book	ISSN/ISBN No.
1	Cross-Class Urban Politics and The Labour in Bengal	The Quarterly Review of Historical Studies (Vol. LIV, No. 1 & 2, 2014)	ISSN:0033-5800
2	Book Review	The Quarterly Review of Historical Studies (Vol. LIII, No. 1 & 2, 2013), pp. 158-160.	ISSN:0033-5800
3	Forest Satyagraha: An Unforgotten Saga in Junglemahal	Central India Journal of Historical and Archaeological Research (Vol. 4, Oct – Dec. 2012), pp. 21-26.	ISSN: 2277-4157
4	Social Security and Labour Mobility: A Study of Bengal	Journal of Social Development (Vol.3, No.1, Jan-Mar. 2011), pp. 16-25.	ISSN: 0975-0142
5	Labour Control and Social Insecurity: A Study of Jute Millhands of Bengal	Exploring History (Vol.3, No.1), pp. 84-104.	ISSN: 2230-8490
6	Migration and Labour Force in an Industrial District: 24 Parganas (North)	The Quarterly Review of Historical Studies (Vol. Vol. 47, No. 1 & 2, 2010), pp. 200-214.	ISSN:0033-5800
7	Food Movement of 1959: A Study of West Dinajpur	The Journal of Historical and Cultural Review, (Vol. II, No. 1, 2010), pp. 45-50	ISBN:978-81-89036-2-6

Articles / Chapters published in Books:

Sl.	Title	BookTitle, editor and publisher	ISBN No.
1	Shramik Manastatwa o Nimnabargiya Karkhana Samaskriti	R.C. Nath (ed), Bichitra Prabandha: Adhunik Bangla; Pragati Publishers, Kol, 2015	978-93-80036-76-2
2	Role of Kalidas Bhattacharya as a Labour Leader in Jute Industry in Bengal (in Bengali)	Nirban Basu (ed), Anusandhane Shramik Itihaas, Setu, Kol, 2014	978-93-80677-35-4
3	Swami Vivekanader Chikago Baktrita: prekshapat, tatkschanik tatparya o bartaman prasangkita (in Bengali)	R.C. Nath (ed), Bibek-Rashmi; Progressive Publishers, Kol, 2013	978-81-8064-04-3



4	The Recent Trends of Writing Labour History (in Bengali)	R.C. Nath (ed), Unish o Bish Shataker Bangla; Progressive Publishers, Kolkata, 2011, pp. 239-262	81-8064-204-6
5	History of Poundrabardhana as Described by Yuan Chuang (in Bengali)	D. Roy (ed), Local History of Dinajpur District; Sanskrita Pustak Bhandar , Kolkata, 2009, pp. 263-272	NA

Books published as single author or as editor:

Sl. No.	Title	Type of Book and authorship	Publisher	ISBN No.
1	Urbanization Local Politics and Labour Protests A Study of Jute Mill Area in 24-Parganas (N)1900-1959	Reference/ Single Author	Dipali Pub. Siliguri, 2008	81-8903-623-3
2	Tribes of North Bengal Society Culture and Politics With Special Reference to West Dinajpur	Reference/ Single Author	Progressive Publishers, Kol., 2012	81-8064-185-6
3	Studies in Social Sciences, Vol. I	Edited Single Editor	Radiance, Kol. 2012	9-789-581-037140
4	Studies in Social Sciences, Vol. II	Edited Single Editor	Radiance, Kol. 2012	9-789-581-037140
5	Women Studies in Indian Perspectives	Edited Single Editor	Radiance, Kol. 2014	9-789-381-037294

Completed Projects / Consultancies:

Sl.	Title	Agency	Period	Grant/Amount Mobilized (Rs. Lakh)
1	Scheduled Castes and Scheduled Tribes in West Dinajpur: a Socio-Economic Survey	UGC	24 Months	Rs. 75,000/-
2	The Bidi Workers in Dakshin Dinajpur: A Historical Perspectives	UGC	18 Months	Rs. 92,000/-

Research Guidance:

Course	Number Enrolled	Thesis submitted	Degree awarded
Ph.D.	02 in Department of History, University of Kalyani	Ongoing	Nil



Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration):

Sl.	Programme	Duration	Organised by
1	Summer School on India Vision:2020	21 Days	University of Burdwan
2	Refresher Course on History and Cultural Studies	21 Days	Ranchi University, Jharkhand
3	Refresher Course on Research Methodology	21 Days	Madras University, Tamil Nadu
4	Orientation Programme for Updating P.G. Course in History	3 Days	IGNOU, Ranchi
5	Associateship in Indian Institute of Advanced Study, Spell - I	30 Days	IIAS, Shimla
6	Associateship in Indian Institute of Advanced Study, Spell - II	30 Days	IIAS, Shimla
7	Associateship in Indian Institute of Advanced Study, Spell - III	30 Days	IIAS, Shimla

Papers presented in Conferences, Seminars, Workshops, Symposia:

Sl.	Title of the Paper Presented	Title of Conference / Seminar	Organised by	Level
1	Shivnibas and Pir Malek Gaus: A Historical and Architectural Heritage in India	Architectural and Cultural Heritage in India Through the Ages	Institute of Historical Studies & Panjab University LKW College, Jalandhar, 2015	National
2	Labour Migration in Industrial Sector: Impact on Post Independent Society and Economy	Aspects of Partition of India	Malda College Malda, 2014	National
3	Cross-Class Urban Politics and the Labour in Bengal	Associateship Seminar	Indian Institute of Advanced Study, Shimla, April, 2012	National
4	Forest Satyagraha: An Unforgotten Saga in Junglemahal	Tribal People in India	Institute of Social Development and Research, Ranchi, Feb, 2012	National
5	Social Security and Labour Mobility: A Study of Jute Industries in Bengal	Associateship Seminar	Indian Institute of Advanced Study, Shimla, H.P. April. 2011	National
6	Tribal Participation in Tebhaga Movement in Dinajpur and Rangpur District	47 th Annual Conference	Institute of Historical Studies & Panjab University,	National



			Chandigarh, 2010	
7	Kashiswar Chakraborty o Dianajpur Santal Sampradai (in Bengali)	Open	Paschim Banga Itihas Samsad, NBU, Siliguri 2010	State
8	Labour Control and Social Security: A Study of Jute Millhands of Bengal (Pre- Independence)	Associateship Seminar	Indian Institute of Advanced Study, Shimla , H.P. April. 2010	National
9	Industrial Psychology and Labour Control	Economy, Development and Environment	Malda College, Malda , 2010	National
10	Tribal Society as Reflected in Prabasi	History and Literature	Institute of Historical Studies & L.J.N.J.M. Mohavidyalaya, Mumbai , 2009	National
11	Rligion and Culture of the Tribes: A Shift from Animism to Hinduism	History and Religion	Institute of Historical Studies & S.V. University, Tirupati , 2009	National
12	Civil Disturbances in North Bengal: A Case Study of Food Movement in 1959	44 th Annual Session	Institute of Historical Studies & Tumkur University, Karnataka , 2008	National
13	ShramikNeta Kalidas Bhattachayaer Dristite Tatkalin Banglar Chatkal Shramikder Abastha (in Bengali)	Open	Dakshineswar Mahila Mahavidyalaya, Kolkata , 2008	State

Invited lectures and Chairmanships at national or international conference / seminar etc.

Sl. No.	Title of Lecture / Academic Session	Title of Conference / Seminar	Organised by	Internati onal / national
1	6 th Technical Session on Environmental Crisis in Tribal Area	Tribal People in India	ISDR, Ranchi , 2012	National

SUDESHNA BARUI

Publication:

1. Iliyas Hasket Derby and Begining of American Trade in India 1790-99, Itihaas Anusandhan



DEPARTMENT OF POLITICAL SCIENCE

- 1 Name of the department : **Political Science**
- 2 Year of Establishment Gen/Hons : **1972/1980**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **04 (Four)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	04	01	X	03				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D student s guided for the last 4years
				UG	PG	
DAY SECTION						
Sri Aliul Hoque	M.A., M. Phil.	Asst Professor	Development Studies	06	X	X
Smt. Bratati Ghosh	M.A., M.Phil.	Guest Lecturer	Development Studies	08	X	X
Sri Jamsed Nasir Mondal	M.A.	Guest Lecturer	International Relations	03	X	X



Arindam Debnath	M.A., M. Phil.	Guest Lecturer	Public Administration And Local Government	01	X	X
Samir Mitra	M.A.	Guest Lecturer	State and Local Politics	01	X	X
Giaussin Seikh	M.A.	Guest Lecturer	State Politics and Local Politics	01	X	X
MORNING SECTION						
Narayan Das Gupta	M.A.	CWTT	International Law	24	X	X
Trina Mitra	M.A.	Guest Lecturer	Cultural Politics	05	X	X

11. List of senior visiting faculty: Nil

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

Day Section	:	
B.A. (Gen)	:	80 %
B.A. (Hons)	:	65%
Morning Section	:	
B.A. (Gen)	:	100%

13. Student -Teacher Ratio (programme wise): B.A. (Honours) – 65:1 B.A. (General) – 160:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.: Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comped	Other
Aliul Hoque	Nil	Nil	Nil	02	Nil	03	Nil

20. Areas of consultancy and income generated: Nil



21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil

22. Student projects:

No Research Students as such in the Institution as it is an undergraduate Institution.

23. Awards/ Recognitions received by faculty and students:

Prof. Apurba Kr Mukhopadhyay

Prof. Sujata Bhadra

Prof. P.K. Batthakur

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

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

a) National; b) International:

National Level seminar: 01 sponsored by UGC on 'Human Rights and the Indian State' in 2011

26. Student profile programme/course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	41	18	59	30	15	45	27	15	42	90	100	93	12	24
2013	36	24	60	21	21	42	20	21	41	95	100	98	00	30
2014	35	26	61	09	19	28	07	19	26	78	100	93	01	46
2015	35	35	70	18	27	45	13	18	31	72	67	69	02	36

27. Diversity of Students:

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.A. (Hons)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl. No.	Name	SET/NET	Working as	Institution/Department
1	Mousumi Mitra	SLET	Asst. Prof.	Ranaghat Colleg
2	Aparna Roy	NET	Asst. Prof.	M.M.T.M. College
3	Bimalendu Ghosh	-	Asst. Prof.	Kanchrapara College
4	Rajkumar Kothari	NET	Assoc. Prof.	Vidyasagar University

29. Student progression:

Student progression	Against % enrolled
UG to PG	35-40%
PG to M.Phil.	Data not available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A good number of students have been engaged in college-Level & School teaching and other govt. sectors.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities:

Library: The department has its own library which is quite rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library



31. Number of students receiving financial assistance from college, university, government or other agencies: All the students belonging to SC/ST/ receive scholarships from Govt.

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

Nil

33. Teaching methods adopted to improve student learning:

Traditional Lecture Method

Remedial classes to weaker section of the students

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members and hard working students, bright alumni's are the strengths of the department.
- **Weakness:** Poor Library, inadequacy of reputed Journal due to fund crunch.
- **Opportunities:** Enrollment opportunity for Post Graduate study and other higher educational Research of a good number of students in various Universities other than the Home University (KU).
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.
- **Future Plans:** To introduce Regular Post Graduate Curriculum, to extend the Departmental Library facilities to students, to publish departmental Magazine and also Journal.

INDIVIDUAL PROFILE

ALIUL HOQUE

Seminar Attended:

1. UGC sponsored state level seminar on Development, Civil Society And Human Rights, organized by Dept. of Economics, Political Science and Commerce, S L Mahavidyalya, Majdia, Nadia.
2. UGC sponsored National Level seminar on Human Rights and the Indian state Organised by Department of Political Science, Chakdaha College, Dated- 20 and 21 november 2011. Paper presented – **Information Communication Technology and Human rights: Indian Perspective.**
3. **Acharya Prafulla Chandra Roy O Tar Swadesh Bhabna** published in conference proceeding of National seminar on Acharya prafulla Chandra Roy: Revaluation of Life and Works on his 150 Birth Anniversary, Organised by Department of Chemistry Chakdaha College.
4. UGC sponsored National seminar on Changes in the Federal Structure of India: Current Factors and Trends organised by Department of Political Science, Haringhata Mahavidyalaya, Dated- 3rd & 4th September 2014. Presented paper on **Impact of Coalition Politics in India's Foreign Policy.**
5. Presented a paper on **Literature and Political Theory**, College level seminar Organised by Department of English, Chakdaha College.
6. Acted as Join-Convenor of UGC sponsored National level seminar organised by Department of Political Science Chakdaha College. Dated- 20-21 Nov'2011.
7. Acted as a Co-ordinator of Environmental Studies for the academic session 2010-11, 2011-12 respectively.

Other activity: Programme Officer, NSS (UNIT-I), Chakdaha College for the academic session 2014-15.



DEPARTMENT OF PHILOSOPHY

- 1 Name of the department : **Philosophy**
- 2 Year of Establishment Gen/Hons : **1972/2015**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinues (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	02	01	01	X				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
DAY SECTION						
Sri Mithun Sarkar	M.A.	Asst Professor	Philosophy of Wittgaintain & Indian Philosophy	01	X	X
Dr. Sabina Jesmin	M.Phil. Ph.D.	Asst Professor	Logic	01	X	X
Smt. Bidisha Roy	M.A.	Guest Lecturer	Logic	05	X	X
Smt. Sarbani Sarkar	M.A.	Guest Lecturer	Logic	05	X	X
MORNING SECTION						
Smt. Swati Mitra	M.A.	Guest Lecturer	Logic	04	X	X



Smt. Moumita Roy	M.A.	Guest Lecturer	Buddha Philosophy	04	X	X
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11. List of senior visiting faculty: Nil

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

Day Section	:	
B.A. (Gen)	:	40 %
B.A. (Hons)	:	20%
Morning Section	:	
B.A. (Gen)	:	100%

13. Student -Teacher Ratio (programme wise): B.A. (Honours) – 17:01

B.A. (General) – 180:01

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.:

Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Compd	Other
Moumita Roy	Nil	Nil	01	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil

22. Student projects: No Research Students as such in the Institution as it is an undergraduate Institution.

23. Awards/ Recognitions received by faculty and students: Dr. Sabina Jesmin awarded Ph.D. in Philosophy from University of RBU in 2010

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

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



a) National; b) International: Nil

26. Student profile programme/course wise: (only for General students)**

Year	Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	T	T
2012	188	246	434	135	190	325	72	77	75	Nil	
2013	156	170	326	130	149	279	83	88	86	02	
2014	206	326	532	102	205	307	50	63	56	Nil	
** Philosophy (Hons) course has been introduced from the Session 2015-16											

27. Diversity of Students

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.A. (Gen)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? N/A

29. Student progression

Student progression	Against % enrolled
UG to PG	Only General Course taught
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	A good number of students have been engaged in School teaching and other govt. sectors.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: There is no departmental library.

Internet: facilities for Staff & Students centrally in Central Library

31. Number of students receiving financial assistance from college, university, government or other agencies: All the students belonging to SC/ST/ receive scholarships from Govt.

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

33. Teaching methods adopted to improve student learning: Traditional Lecture Method
Remedial classes to weaker section of the students

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members and hard working students are the strengths of the department.
- **Weakness:** No Departmental Library & shortage of Permanent Faculty.
- **Opportunities:** Highly demands to introduce Hons Course from students' community as they can pursue themselves to enroll in higher educational space to various State as well as Central Universities.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.



- **Future Plans:** To introduce departmental library, to organise State/National level seminars and to publish departmental magazine.

Individual Profile

Prof. Mithun Sarkar

Designation: Assistant Professor

Date of Joining: 15th July 2015.

Details of seminar: National seminar on "Concept Of Morality" : Indian and western; organized by the Department Of Philosophy ,Ramakrishna Mission Vidyamandira on 29 and 30 September ,2015 at the Ramakrishna mission vidyamandira premises.

Details of workshop: Two day state level workshop on research methodology in language studies: probable problems and solutions and creating a space for innovation, organized by Hooghly women's college on 13 and 14 February 2015, at Hooghly women's college, Hooghly.

DR. SABINA JESMIN

Seminar:

Name of the Seminar	Sponsored by	Place & Date
State Level Seminar "The Philosophy Of G. E. Moore"	UGC	27 th Feb, 2008, Rabindra Bharati University.
State Level Seminar "The Mind-Brain Problem In Epistemological View".	UGC	25 th Nov, 2011, Saheed Anurup Chandra Maha Vidyalya ,Burul,24 Parganas(S)
Two Days National Level Seminar on "Concept of Morality: Indian and Western"	UGC	29 th and 30 th Sept., 2015, RKM

SMT. MOUMITA ROY

Publication (Book Chapter): Achapter on *Poribes nitividhya* in the book *Prayogik Nnitibidhya*, A collection of Essays, edited by Tirthanath Bandyopadhyay, ISBN 978-93-81170-23-6 (Applied Ethics). (This book is written in Bengali).

Workshops:

1. Workshop on Research Methodology and Text Interpretation, School of Vedic Studies, Rabindra Bharati University, Kolkata (2007).
2. 'Manuscript logy & Sanskrit text Editing' UGC-MRP in Indian Philosophy & Research Methodology, Department of Philosophy, J.U in collaboration with Oxford Centre for Hindu Studies, University of Oxford, UK, 10th -22nd August 2009.
3. Workshop on Different Forms of Buddhism, organized by ICPR centre for Buddhist Studies, Department of Philosophy, Jadavpur University, from 24th June to 26th June 2013.
4. Workshop on Frustration Management, organized by the centre for Counselling Services and Studier in Self Development (CCSSS), Jadavpur University on september11, 2011 at Jadavpur University Kolkata.

Other specialist Courses: Reading Tibetan Buddhist Text(basic level), organized by ICPR centre for Buddhist Studies, Department of Philosophy, Jadavpur University, 28thFebruary to 8thMarch, 2013.

Certificate Japanese Language Proficiency (level 4) jointly administered by the Japan Foundation and the Japanese Educational Exchanges and Services. (December 2006)



The Course of Navya Nyaya: Language and Methodology (Level 1), organised by The Asiatic Society, Kolkata, 16th October 2006 to 23 October 2006.

Diploma Course in Information Technology Application, Dhakuria Youth Computer Training Centre (under Govt. of West Bengal), Jodhpur Park, Kolkata-68 (January 2008 to December 2008.)

Awards: 1st Prize in Paintings Competition at the National level talent identification and exhibition programmer 2008 (NATIEC – 2008). Paintings topic: ‘Peace’.

2. 1st Prize in State Level Poster Competition organized by Ministry of Youth Affairs, Govt. of India (2008). Paintings topic is ‘Eradication of Extreme Poverty and Hunger’.

Seminar (Participated):

1. National Seminar on ‘Physical Education and Sri Aurobindo’, organized by the centre for Sri Aurobindo Studies, department of Philosophy, Jadavpur University on 3rd and 4th November 2011, at Jadavpur University, Kolkata.
2. National Seminar on Time and Consciousness, organized by the UGC- CAS in Philosophy, Jadavpur University, Kolkata- 32 on 31st January and 1st February 2012.
3. National Seminar on The Philosophy of Kalidas Bhattacharyya, organized by The department of Philosophy, Jadavpur University, Kolkata- 32 on 20th and 21st march 2012.
4. Seminar on Philosophical Dimensions in Tagore’s Thought, organized by the department of Philosophy, Jadavpur University on 24th February, 2011.
5. Seminer on ‘Tagore’s Thoughts on Aesthetics’, organized by department of Philosophy, Jadavpur University, Kolkata in collaboration with Rabindranath Studies Centre, Jadavpur University on 23rd December . 2011.
6. UGC sponsored National Seminar on ‘Sri Aurobindo’s Idea of a Nation’ organized by centre for Sri Aurobindo’s Studies, department of Philosophy, Jadavpur University held on 23rd & 24th march, 2012
7. National Seminar on Language and Mind: 20th Century Perspectives, organized by the UGC- CAS in Jadavpur University, Kolkata – 32 on 30-31st January 2014.

THE DEPARTMENT OF ECONOMICS

- 1 Name of the department : **ECONOMICS**
- 2 Year of Establishment Gen/Hons : **1972/1995**
- 3 Names of Programmes/Courses offered (UG, PG, M. Phil., Ph. D, Integrated Masters; Integrated Ph.D., etc.) : **a) UG Honours Course in Economics,
b) UG General Course (Economics as one of the Elective subjects)**
- 4 Name of interdisciplinary course and the department/units involved : **Economics Hons. students take two elective subjects from the following:
Mathematics, Statistics, Computer Science, Political Science and History.**
- 5 Annual/ semester/ choice based credit system. : **Annual (Part I, Part II, Part III)**
- 6 Participation of the Department in the courses offered by other Department : **Commerce and Statistics**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **4 (four)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	4	02

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

Name	Qualification	Designation	Specialization	No. Of Years of Experience		No. Of Ph.D. Students guided for the last 4 years
				UG	PG	
1.Dr. Arun Kr. Nandi	Ph. D	Associate Professor	Statistics & Econometrics	18+ yrs.	5 Yrs.	2 (Working: Registered -1, Applied for-1)
2.Dr.Nikhil Kr.Mandal	Ph. D	Assistant Professor	Statistics & Econometrics	15+yrs	Nil	Nil
3.Mrs. Swati Ghosh*	M.A	Part-time Lecturer	Statistics & Econometrics	18+ yrs.	3 Months	Nil



4.Dr. Sreelata Biswas	Ph D	Guest Lecturer	Econometrics & Mathematical Economics	2+ yrs.	--	Nil
5.Ria Sarker	M.Sc	Guest Lecturer	Advanced Mathematical	3+ yrs.	---	Nil
6. Uttam Halder	M.Phil	Guest Lecturer	Statistics & Econometrics	5+yrs	2 Months	Nil
7. Tushar Kanti Dey	M.Sc	Guest Lecturer	Econometrics	4+ yrs	-	Nil

11.List of senior visiting faculty: NIL

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

Courses	Percentage
B.A/B. Sc (Economics, Gen/Hons)	23.5% (16/68)
B.Com (Gen/Hons) (Economics as Elective Subject)	18.2% (2/11)
B. Sc (Gen) (Statistics as Elective Subject)	37.5% (6/16)

13.Student-Teacher Ratio (programme wise): 2014-15 (Hons. Course) 8:1

2015-16 (Hons. Course) 11:1

(Note: One Teacher = 21 Classes as per UGC norms)

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil/ PG: Please See SL.No.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sl.	Type	Sanctioned amount	Source	Year	Level (Status)
1 (A.K. Nandi as PI)	Minor Research Project	Rs. 80,000/-	UGC	2009-10	National (Completed)
2. (A.K. Nandi as Co-Project Director)	Sponsored Research Project	Rs. 18,00,000/- (F.No.G-32/2015-16 /ICSSR/RPS Dated: 30.11.2015)	ICSSR	2015-17	National (Approved) Place: West Bengal State University

17.Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/ facility recognized by the University: NIL

19. Publications:

- Publication per faculty
- Number of papers published in peer reviewed journals (national/international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCOhost, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index



- SNIP
- SJR
- Impact factor
- h-index

Publications:

Name	Publications of Research Papers (in No.)						
	Book	Journal	Edited book	Conference volume	accepted	communicated	Others
1.Dr. Arun Kr. Nandi	2	11	9	3	2	2	1
2.Dr.Nikhil Kr. Mandal	1	0	2	1	3	2	2
3.Mrs. Swati Ghosh	---	Nil	Nil	Nil	Nil	Nil	Nil
4.Dr. Sreelata Biswas	---	11	3	Nil	Nil	Nil	Nil
5.Ria Sarkar	---	Nil	Nil	Nil	Nil	Nil	Nil
6. Uttam Halder	--	5	Nil	Nil	3	Nil	Nil
7. Tushar Kanti Dey	-	3	Nil	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated: NIL

21. Faculty as members in a) National committees b) International Committees

c) Editorial Boards:

Dr. Arun Kumar Nandi:

- (i) Life Member of Indian Economic Association (IEA) & Bengal Economic Association (BEA),
- (ii) Member of UG Board of Studies in Economics, Kalyani University,
- (iii) Nodal Officer- College level for AISHE.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental /programme: 100% (As per Syllabus (Paper IV) the “Project Work” is compulsory for all 2nd Year Economics Honours Students.)

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

23. Awards/ Recognitions received by faculty and students:

Ph. D Awarded:

1. Dr. Nikhil Kumar Mandal on 9th September 2010 from Visva-bharati, Santiniketan
2. Dr. Sreelata Biswas on 21st November 2013 from University of Kalyani

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

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

b. International:

UGC sponsored state level Seminar entitled “Combating the threat of Climate Change: Redemption for humanity” held on 3rd – 4th September, 2010.



26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
	Part I				(Part III)
Economics (Hons), 2011-12	20	9	8	1	75%
Economics (Hons), 2012-13	31	14	12	2	75%
Economics (Hons), 2013-14	32	12	7	5	25%
Economics (Hons), 2014-15	39	12	10	2	50%
Economics (Hons), 2015-16	80	20	10	9	-

*M=Male *F=Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (Econ.Hons)	100% (current year)	Nil	1-2 students for Bangladesh (previous years)

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Name	Highest Degree	Working Place	Remarks
Dr. Abhijit Brambhachari	Ph.D, KU	Asst. Prof., Kandi Raj College	NET
Sejuti Gupta	M.A	Asst. Prof., Chandannagar Govt. College	NET
Labanya Pal	M A	Asst. Prof., Bolpur College	NET, SLET
Dr Amit Bhandari	Ph.D, KU	Asst. Prof., RBC College (evening)	Ph.D
Ranadhir Dey	M A	Part-time Lecturer, Kalyani College (Govt approved)	Ph. D scholar (BU)

29. Student Progression:

Student Progression	Against % enrolled
UG to PG	100%
PG to M .Phil.	N.A
PG to Ph.D.	N.A
Ph .D .to Post-Doctoral	N.A
Employed <ul style="list-style-type: none"> ■ Campus selection ■ Other than campus recruitment 	Pl. see sl. no. 28
Entrepreneurship/Self-employment	



30. Details of Infrastructural facilities:

- Library
- Internet facilities for Staff & Students
- Class rooms with ICT facility
- Laboratories

	Access to Library		Internet facilities	Class room with ICT facility	Laboratories
	Departmental	Central			
Teacher	Yes	Yes	Yes	Yes	Not Applicable
Student	Yes	Yes	Yes	Yes	Not Applicable

31.Number of students receiving financial assistance from college, university, Government or other agencies: Data not available

32.Details on student enrichment programmes (special lectures/ workshops/

Seminar) with external experts: Seminar on Environmental issues/Special lecture on computer basics/ UGC-Remedial Coaching & Entry in Services etc.

33.Teaching methods adopted to improve student learning: Method of Interactive Learning. To enrich classroom Lectures some faculties are using power point presentation (ppt) and pdf and doc files. Use of Computer and Internet facilities (Google search for study materials), Use of INFLIBNET, Project works, special classes on computer basics, participation in seminars etc.

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

The student and faculty members participate in Institutional Social Responsibility (ISR) and Extension activities organized by the NSS /NCC units of College.

35.SWOC analysis of the department and Future plans**A) Strength:**

- All full-time faculties and 25% Guest faculties have Ph. D degree.
- *The syllabus with computer basics and project work is updated
- There is a very good relationship between teachers and students.
- Innovative teaching learning process is followed

B) Weakness:

- Shortfall in full- time faculties.
- Poor demand for studying Economics Honours course which is a common feature in almost all affiliated colleges of the Kalyani University.
- Student's attendance is very poor, particularly in the 3rd year students.

C) Opportunities:

- Upgradation of students with theoretical Economics and providing them with ICT facilities.
- Field-trips project work arrangement for the students and orient them to current trends in research, especially on local issues.

D) Challenges:

- To prepare students for sound knowledge in Theoretical and Applied Economics and to develop their technical skill in order to make them enable for higher studies and access job markets.

E) Future Plans:

- To involve teachers and students in the process of local level planning and preparation of budget of Chakdaha Municipality and adjacent Gram Panchayats.
- To introduce a self-finance certificate course on Rural Development and Business Management jointly with the Department of Commerce.
- To involve students in research and publications and create computerized Data Bank.
- To organize Seminar/Workshop.

Publications of Dr. Arun Kumar Nandi

Published Books and study materials:

1. **Resource Use Patterns and Resource Use Efficiency in Crop Agriculture: An Approach to Frontier Analysis**, LAP Lambert Academic Publishing, Germany, 2012, ISBN: 978-3-659-13876-8.
2. **Economic Integration and Poverty Reduction in Developing Asia: ASEAN and SAARC Countries with special focus on China and India**, LAP Lambert Academic Publishing, Germany, 2012, ISBN: 978-3-659-17604-3.
3. Prepared study materials on **“Rural Development and Entrepreneurial Economics”** for UG Hons. (Part- III: Paper VII Group-B) course in Economics, Kalyani University, 2013.

Published Research Papers:

Published in Journals:

1. “Farm Mechanisation and Rationality of Labour Use in Indian Agriculture: A Frontier Analysis of Cost of Cultivation Data”, in the *Indian Journal of Agricultural Economics (IJAE)*, ISAE, July – September, Vol. 69, No. 3, 2014, pp. 336-346.
2. Role of Government Development Agencies in Integrated Rural Development Programme: A study of two districts in Orissa and West Bengal, *Indian Journal of Agricultural Economics (IJAE)*, ISAE, Vol. 53, No. 1, Jan.-March 1998, pp. 61-73.
3. FDI and Convergence in Human Development: A study with special reference to Economic Integration, *Artha Beekshan*, Vol. 21, No. 1, June, 2012, pp. 31-45,
4. Measurement of Farm Level Economic Efficiency: An Approach to Unit Cost of Production, *Vidyasagar University Journal of Commerce(VUJCOM)*, Vol. 18, March, 2013, pp. 84-100.
5. Contribution of Member Countries to Regional Trade Integration and Poverty Reduction: A study of ASEAN Countries, *International Journal of Marketing Theory*, Serials Publications, Vol. 2, No. (2), July-Dec., 2012, pp. 247-260.
6. Resource Use Efficiency in West Bengal Agriculture, *Artha Beekshan*, Vol. 15, No. 4, March 2007, pp. 203-221.
7. Labour Absorption in West Bengal Agriculture During The First Decade of Post Reform Era, *Artha Beekshan*, Vol. 17, No. 2, Sept., 2008, pp. 98-110.
8. Inter-District Disparities in Agricultural Income and Employment: An Approach to Frontier Analysis, *The Indian Economic Journal*, (also published in *Vidyasagar University Journal of Economis*, Vol. XV, pp. 125-132), Conference No.(IEA) , Dec. 27-29, 2008, pp. 345-352.
9. Index of Affluence and its Economic Significance, *Artha Beekshan*, Vol. 10 , No. 1, 2001, pp. 6-12.



10. Integrated Rural Development Programme: A Study on Village Level Implementation in Midnapore district of West Bengal, *Vidyasagar University Journal of Economics* Vol. III, 1994, pp. 7-20.
11. Pattern and Pace of Urbanisation in South West Bengal, *Vidyasagar University Journal of Economics* Vol. IV, 1996, pp. 42-53.

Published in Books:

12. "Economic Globalization and Convergence in Human Development: A comparative study of Developed and Developing Countries" - Dipika Basu & Arun Kumar Nandi, in International seminar on "Economic, Social and Environmental Challenges of Globalization", Department of Economics, St. Bede's College, Shimla, 5-6 October, 2014.
13. "Employment, Poverty and Disparity among Socially Disadvantaged Groups in Rural West Bengal", in **Rural Development in India: Challenges and Prospects**, edited by M. Ghosh & A. K. Chattopadhyay, Serials Publications, New Delhi, 2013, pp. 117-135.
14. "The Contribution of General Education to Economic Inclusion of Weak Citizens", in **Inclusive Growth: Emerging Scenario in India**, Edited by Sajal Kumar Maiti, Lawpoint Publications, Kolkata, 2012, pp. 115-120.
15. "Employment and Unemployment in West Bengal's Agriculture", in **Employment and Poverty Alleviation Programmes in India: An Appraisal**, edited by Prof. K. K. Bagchi, Abhijeet Publications, Delhi, 2007, pp. 596-615.
16. "Public Educational Expenditure in West Bengal", in **West Bengal: A Social and Economic Profile** edited by Goutam K. Sarkar with a Foreword by Prof. Dhires Bhattacharyya, Institute for Studies in Social and Economic Development, Calcutta, 1998, pp. 67-77.
17. "Role of Development Agencies in Integrated Rural Development Programme: A study of two districts in Orissa and West Bengal, in **Rural Development: Theories and Experiences**, edited by Sachinandan Sau, Allied Publishers Limited, New Delhi, pp. 157-174.
18. "Child Labour: Inter-State Variation in Rural India", in **Economics of Child Labour** edited by K.P. Kanan, Deep and Deep Publications Pvt. Ltd. New Delhi, pp. 38-54.
19. "Poverty and Economic Openness of SAARC Countries", in **Poverty in India: Global and Regional Dimensions**, Edited by K. Nageswara Rao, Deep & Deep Publications Pvt. Ltd., New Delhi, 2005, pp. 67-88.
20. "Inter-District Disparities in Agricultural Income and Employment: An Approach to Frontier Analysis", **Inter-Regional Disparities in India**, Edited by Anil Kumar Thakur and Shyam Sunder Singh Chauhan, Deep & Deep Publications Pvt. Ltd., New Delhi, 2010, pp. 525-537.

Published in Conference Volumes:

21. "Relative Levels of Development: An Inter- State study of Rural India", The 81st Conference Volume of Indian Economic Association (IEA), December 26-28, 1998, Bangalore, pp. 471-480.
22. "Child Labour: Inter-State Variation in Rural India", the 83rd Conference Volume of Indian Economic Association (IEA), Dec. 30, 31, 2000 & Jan. 1, 2001, Jammu, pp. 38-54.
23. "Poverty and Economic Openness of SAARC Countries", The 86th Conference Volume of Indian Economic Association (IEA), Dec. 29-31, 2003, Kolhapur, pp. 67-88.

Communicated /accepted for publication:



24. "Strategies for Viable Profitability of Indian Agriculture: An Empirical Study Based on Reality during Reforms Era" - communicated for publication in the *Indian Journal of Agricultural Economics (IJAE)*, ISAE.
25. "India's Export Efficiency and Economic Growth During Pre-WTO And Post-WTO Period: An Approach to DEA" –accepted for publication in an edited book **"International Monetary System: Past, Present and Future"** by Debesh Bhowmik, 2015.
26. "Goods and Factors Market Integration and Development in the SAARC Region: Role of Member Countries with Special Focus on India" - accepted for publication in the Journal/Book in the **International Conference on Make in India**, Aligarh Muslims University, 2016.
27. **"Patterns and Trends In Profitability of Indian Agriculture: Role of Technical Efficiency and Price Incentive"** communicated for publication in the 52nd annual conference of the Indian Econometrics Society to be held on 4th to 6th January, 2016, Kerala.

Research Paper Presentations (Conference/seminar/workshop etc.)

International Level:

1. **"Climate Change and Economic Rationality of Resource Use in Indian Agriculture: A Stochastic Frontier Approach to Viable Farming"** – Presented in the International Conference on Climate Change and Sustainability held on 21-23 December, 2015 at Thakur College, Mumbai.
2. **"Regional Economic Integration and Development After WTO: A Study of SAARC Countries with Special Focus on India"** presented in the 1st International Conference on Applied Economics and Finance (ICAEEF) held at GITAM School of International Business, Visakhapatnam on February 26, 2015.
3. "Strategies for Viable Profitability of Indian Agriculture: An Empirical Study Based on Reality During Reforms Era", presented in the Inter-Conference Symposium of International Association of Agricultural Economists (IAAE) on **Re-visiting National Agricultural Policy in the light of Globalisation Experience: The Indian Context** held on 12-13 October 2014, organized by ISAE and A.N.G. Agricultural University, Hyderabad, India.
4. **Economic Globalization and Convergence in Human Development: A comparative study of Developed and Developing Countries** - Dipika Basu & Arun Kumar Nandi, in International seminar on "Economic, Social and Environmental Challenges of Globalization", Department of Economics, St. Bede's College, Shimla, 5-6 October, 2012.
5. **Contribution of Member Countries to Regional Trade Integration and Poverty Reduction: A study of ASEAN Countries-** Dipika Basu & Arun Kumar Nandi, in the 1st International Conference on "Economics, Business and Management", 22-23 December, 2012, Serials Publications, New Delhi.
6. **Integrated Rural Development Programme: A Study on Village Level Implementation in Midnapore district of West Bengal** - Arun Kumar Nandi and Sachinanda Sau, in International Seminar on "Poverty Alleviation in SAARC Region", International Institute for Development Studies, Calcutta, 8-9 April, 1994.



National/State level:

1. ***“India’s Export Efficiency and Economic Growth During Pre-WTO And Post-WTO Period: An Approach to DEA”*** – presented in the 97th Annual Conference of IEA, held on 27-29 December, 2014, Udaipur Rajasthan.
2. ***India’s Trade Performance before and after WTO: An Efficiency Measurement with DEA Approach-*** Dipika Basu & Arun Kumar Nandi, in the Golden Jubilee Conference of the Indian Econometric Society (TIES), December 22-24, 2013, IGIDR, Mumbai.
3. ***Economic Globalization and Macroeconomic Challenges: An Analysis from the Perspective of US-China-India Relations*** - Dipika Basu & Arun Kumar Nandi, UGC sponsored 33rd Annual Conference of BEA, February 23-24, 2013, Netaji Nagar Day College, Kolkata.
4. **Education, Employment and Social Inequality: A study of the poor region in West Bengal-** D. Basu, and A.K. Nandi, National Seminar on “Demographic Transition and Inclusive Development” organized by IIPS, Mumbai and ISI, Kolkata, 15-17 March, 2012.
5. **The Contribution of General Education to Economic Inclusion of Weak Citizens-** A.K. Nandi and D. Basu, UGC sponsored National seminar organized by the Department of Commerce (UG & PG), Feb., 24-25, 2012, Hooghly Mohsin College, Chinsurah.
6. **FDI and Convergence in Human Development: A study with special reference to Economic Integration-** D. Basu, and A.K. Nandi, UGC sponsored 32nd Annual Conference of BEA, 18-19, February, 2012, Maulana Azad College, Kolkata.
7. **Unemployment, Poverty and Public works among SC and ST: A study with focus on Rural Bankura of West Bengal** – D. Basu, and A.K. Nandi, 3^{1st} Annual Conference of BEA, 12-13 February, 2011, St. Xavier’s College, Kolkata.
8. **Employment, Poverty and Disparity among Socially Disadvantaged groups in Rural West Bengal** –A.K. Nandi and D. Basu, National seminar under UGC-SAP (DRS-1) organized by the Department of Economics and Politics, 11-13 March, 2011, Visva-Bharati, Santiniketan, West Bengal.
9. **Social Exclusion and Disparity in Education and Employment in a region affected by Discontent and Extremism** - D. Basu, and A.K. Nandi, 94th Annual conference of IEA, 27-29 Dec., 2011, Bharati Vidyapeeth University, Pune.
10. **Labour Absorption in West Bengal Agriculture During The First Decade of Post Reform Era** - A.K. Nandi and D. Basu, *Artha Beekshan* , in the 28th Annual Conference of BEA, February 16-17, 2008, St. Xavier’s College, Kolkata.
11. **Resource Use Efficiency in West Bengal Agriculture** - Arun Kr. Nandi & P. K. Chatterjee in in UGC Sponsored 27th Annual Conference of BEA, February 17-18, 2007, Lady Brabourne College, Kolkata.
12. **Measures of Efficiency and Efficiency Differentials Across Size Groups of Farm-** Arun Kumar Nandi, in the Department of Economics, University of Kalyani, February 27, 2006, Kalyani.
13. **Structural Change and Labour Absorption in West Bengal’s Agriculture-** in the Department of Economics, University of Kalyani, March 24, 2006, Kalyani.
14. **Poverty and Economic Openness of SAARC Countries** - Dipika Basu & Arun Kumar Nandi; in the 86th Conference of Indian Economic Association, December 29-31, 2003, Kolhapur.
15. **Index of Affluence and its Economic Significance** - P. K. Chatterjee, T.K. Mitra and A. K. Nandi, in National Conference on Economic and Statistical Issues in Development



organized by Department of Economics & Department of Statistics, University of Kalyani, March 10-11, 2000, Kalyani.

16. **Role of Development Agencies in Integrated Rural Development Programme: A study of two districts in Orissa and West Bengal** -Arun Kumar Nandi&Sachinandan Sau in national seminar on Rural Development: Theories and Experiences, March 1996, Vidyasagar University, Midnapore.
17. **Female Workers in Rural Transformation: A Study of West Bengal in All India Perspective** - Arun Kr. Nandi and Sachinanda Sau, in 14th Annual Conference of *Bangiya Arthaniti Parishad*, 19-20 March, 1994, Calcutta.

Publications of Dr. Nikhil Kumar Mandal

A. Published Book

1. 'Agrarian Transformation, Peasant Differentiation and Rural Credit: West Bengal in New Millennium' Levant Books, Kolkata, 2012, ISBN: 978-93-80663-65-4

B. Published Research Papers:

I. International Journal

1. "Disappearance of Inter linkage and Rise of Market Determined Interest-Collateral in Rural Credit Structure of West Bengal: Survey Findings from Villages in Murshidabad District" Cambridge Journal of Economics (Communicated)

II. National Journal

1. "Differentiated Class and Education in Rural Development: A Study of West Bengal in the New Millennium" Palli Charcha – The Indian Journal of Rural Studies, 2015 ISSN 2350-1227(in the press)

III. Edited Books

1. "*Sustainability issues in Agriculture and Development, the role of Rural Credit: A Study of West Bengal in Neo-liberalism*" edited book title: "Globalization, Agrarian Economy and Environmental Challenges in India", by Pronab Kumar Chattopadhyay, Sudipta Bhattacharyya and Biswajit Halder , *Concept Publications, New Delhi* , pp. 147-168,2015 ISBN 935125185-3
2. "*Rural Credit and Agrarian Transformation in West Bengal and India: 1969-2007*" New Delhi Publishers, New Delhi, 2015 (in the press)
3. "*What happened to rural credit? A journey from bank nationalization to liberalization - West Bengal and India*" edited book title: *Agriculture, Sustainable Development and Microfinance* by Ambar Nath Ghosh and Asim K. Karmakar *Regal Publications, New Delhi, 2015. ISBN 978-81-8484-453-5*
4. *Social Exclusion of Women and Microfinance: A Critical Analysis in the Perspective of West Bengal* edited book, conducted by Panskura Banamali College, Midnapore, 2015 (in the press)



IV. Published in Conference Volumes

1. *Differentiated Class, Education and Social Disparities in Agrarian Economy: Survey Findings from Murshidabad District in West Bengal in the New Millennium* – UGC National Seminar organized by Department of Economics, M.G. College, Lalpur & SKB University, Purulia 2015.

V. College Level

1. “The concept of micro-credit” Orchid of Kurseong College, Darjeeling West Bengal 2008
2. “Indian agriculture and employment scenarios in post- reform period” Orchid of Kurseong College, Darjeeling West Bengal 2010
3. What Happened to Per Capita Net Availability of Foodgrains in Post-Independence India? Ckaldaha College Magazine, Nadia, West Bengal 2015 (Communicated)

VI. Research Paper Presentations/Participation (Conference/seminar/workshop etc.)

Seminar/ workshop etc. Title	Regional/St ate/national/ Internation al level	Organised by	Sponsored by	Title of the paper presented (if any)	Date	Year
Social Exclusion and Development Programmes	National	Dept of Economics, Panskura Banamali College and Vidyasagar Manab Bikash Kendra	UGC	Social Exclusion of Women in West Bengal: Is Microfinance A Way Forward?	28- 29 th Nov	2015
Emerging issues of Economic development	National	2015, University of Kalyani.	UGC	Emerging issues of Sustainability in Agriculture and Economic development, Rural Credit and Proverty Alleviation: Survey findings From Murshidabad district of West Bengal in the New Millennium	26 Feb	2015



Contribution of Education in Employment & Earnings	National	<i>M.G College, Lalpur & S.K.B University Purulia, W.B</i>	UGC	Differentiated class, Education & Social disparities in Agrarian Economy: Survey findings from the district of Murshidabad, West Bengal in the new Millennium	<i>7-8th Nov</i>	2014
<i>“History, Culture, Environment and Development: India Experiences”</i>	National	St. Joseph’s College, Darjeeling, W.B	UGC	Participation	7 th Dec	2013
<i>“Changing Rural Scenario in the New Millennium”</i>	National	Department of PCK (Social Studies and Rural Development) , Visva-bharati	UGC	Impact of Rural Credit on Poverty: Survey Findings from Villages in Murshidabad District of West Bengal in the New Millennium	23 th Mar	2013
<i>“Challenges in Agriculture, Environment and Rural Development in West Bengal since Independence”</i>	National	Department of Economics & Politics Visva-Bharati	UGC	What happened to rural credit? A journey from bank nationalization to liberalization - West Bengal and India	16 th Mar	2013
<i>“Globalization, Agrarian Economy and Environmental Challenges in India”</i>	National	Department of Economics & Politics Visva-Bharati	UGC	<i>Sustainability Issues in Agriculture and Development, the Role of Rural Credit: A Study of West</i>	15 th Mar	2012

				<i>Bengal in Neo-Liberation</i>		
<i>“Contemporary Issues in the Formal Sector, Migration and Sustainable Livelihood-National and Regional Concerns”</i>	National	Dept of Economics, Siliguri College	UGC	Problem of Sustainable Development in Agriculture and the role of Formal and Informal credit: A Study of West Bengal during post-Liberalization period.	10 th Dec	2011
<i>“Training in Research Methodology and Applications”</i>	University Level	Department of Economics, North Bengal University	UGC	Collateral, Interest Rates and Non-existence Interlinkages in Credit Market of West Bengal. A Comparison of Two Criteria.	23 th Mar	2011
<i>“Prospects & Challenges for rural economic Development”</i>	National	Department of Economics & Politics Visva-Bharati	UGC	Issues of interlinkage and other terms of conditions in Credit Markets: A study of West Bengal	12 th Mar	2011
<i>“Rural Labourers in Neo-liberal India”</i>	International	York University, Toronto Canada and XIMB, Orissa, India	SSHRC of Canada	De-interlinkage and other terms of conditions in Credit Markets: A study of rural labour vis-à-vis labour hiring classes in West Bengal	18-19 th Dec	2010
<i>Recent Reforms in Education in India: Trends and Challenges</i>	National	University B.T & Evening and Tufanganj College,	UGC	Participation	1-2 nd	2010

		Rabindra Bhavan, Cooch Behar				
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Publications of Dr. Sreelata Biswas

Lists of Publications in Journals:

1. With Dr. Anup Kumar Saha, “**Macroeconomic Determinants of Economic Growth in India: A Time series Analysis**”, *SOP Transactions on Economic Research*, Vol.1, No.2, June 2014.
2. With Dr. Anup Kr. Saha, “**Foreign Direct Investment and Technology Transfer: An Analytical Review**”, *The Asian Economic Review*, Vol.56, No.2, June 2014.
3. With Dr. Anup Kumar Saha, “**Macroeconomic Fundamentals and Exchange Rate Volatility during the Floating Exchange Rate Regime in India**”, *International Journal of Economics and Management*, Vol. 8, No.1, June 2014.
4. With Dr. Byasdeb Dasgupta, “**Causal Linkages between Foreign Direct Investment inflows and Exports of India in the Post Reform Period**”, *Kalyani University Journal of Economics*, Vol.1, No.1, May 2014.
5. With Dr. Byasdeb Dasgupta, “**Foreign Direct Investment and Economic Growth in India during the Post Reform Period**”, *The Asian Economic Review*, Vol.55, No.2, August 2013.
6. With Dr. Anup Kr. Saha, “**Current Economic Slowdown in India: An Empirical Analysis**”, *The Management Accountant*, Vol.48, No. 2, February 2013.
7. With Dr. Byasdeb Dasgupta, “**Real Exchange Rate Response to Inward Foreign Direct Investment in Liberalized India**”, *International Journal of Economics and Management*, Vol. 6 No.2, December 2012.
8. With Dr. Byasdeb Dasgupta, “**India’s Outward Foreign Direct Investment and its Macro Economic Determinants in the Post Liberalization Period**”, *Perspective on Management*, Vol.4, No.9 &10, October 2012.
9. With Dr. Anup Kr. Saha, “**Performance of Indian Bank Stocks during the Recent Phase of Monetary Tightening: An Empirical Assessment**”, *Look East*, Vol. 4, 2011-2012.
10. With Dr. Amit Kumar Bhandari and Dr. Anup Kr. Saha, “**Access to Finance and Poverty Alleviation: An Assessment**”, *Artha Beekshan*, Vol.18, No. 3, December 2009.
11. With Dr. Anup Kr. Saha, “**A Comparative Assessment of FDI Inflows in India and China**”, *Look East*, Vol. 2, 2008.

Details of Publication in Books:

1. With Dr. Anup Kr. Saha, “**Structural Transformation of Rural Finance in India: A Critical Review**”, in *Microfinance, Risk-taking Behaviour and Rural Livelihood* (Eds.) Dr. Amit Kumar Bhandari and Ashok Kundu, Springer, 2014.
2. With Dr. Anup Kr. Saha, “**Macro Dynamics and Performance of Indian Stock Market: An Empirical Analysis Using Higher Mathematical Techniques**”, in *Uses of Technology in Mathematics Education* (Eds.) Tanima Roy, SSCE Publication, 31st March 2013.



3. With Dr. Anup Kr. Saha, “**Macro-dynamics, Stock Market and Mutual Fund Industry: An Empirical Analysis Using Error Correction Model in Indian Context**,” in *Mutual Funds, Retail Investors and SEBI* (Eds.) Dr. Sujit Kumar Das, Dr. Pankaj Kumar Roy and Dr. Anupam Karmakar, SPS Education India Pvt. Ltd.: Kolkata, January,2013.

Conference/Seminar Presentations:

1. “Macro-dynamics, Stock Market and Mutual Fund Industry: An Empirical Analysis Using Error Correction Model in Indian Context” , as a resource person in a U.G.C. sponsored **National seminar** organized by New Alipore College in collaboration with Corporation Bank and Bombay stock Exchange on “Mutual Funds, Retail Investors and SEBI” , 16th -17th March, 2012.
2. “Foreign Direct Investment and Economic Growth in India during the Post Reform Period” at DRS-I **Research Scholar Workshop** on *Emerging Economic Theories and Applications* on 25th March,2010 organised by the Dept. of Economics, University of Kalyani.
3. “Foreign Direct Investment, Growth and Poverty Eradication in India” at DRS-I (UGC-SAP) **National Conference** on *Contemporary Issues in Economic Development* on 5-6 March,2009 organized by the Dept. of Economics, University of Kalyani.
4. “FDI and Technology Transfer in India and China in the Post Reform Period” at DRS-I (UGC-SAP) **Conference** on *Globalization, Foreign Capital and Development* on 11th December, 2007 organized by the Dept. of Economics, University of Kalyani.

Publication of Mr. Uttam Haldar

1. Paper Published

A. In International Journal

1. “The Impact of PDS as a Supporting Measure to the Poor in Meeting Food Security. From A Village In West Bengal” *ASIAN JOURNAL OF RESEARCH IN SOCIAL SCIENCES AND HUMANITIES*, Vol. 4, No. 9, September 2014, pp. 306-317 ISSN: 2249-7315(ONLINE) 2250-1665(PRINT), SJIF IMPACT FACTOR: 3.094
2. “Food Security In West Bengal In Terms Of Adult Consumption Unit Coefficient” *Asian Journal of Multidimensional Research (AJMR)*, ISSN 2278-4853, Impact factor: SJIF 2013 = 4.708, Vol 3, Issue 9, sept. 2014, published by Trans Asian Research Journals

B. In Peer Reviewed national Journal

3. “CONCEPTIONS AND POSSIBILITIES OF UNIVERSAL BANKING IN INDIA: A case study in KOLKATA”, *Artha Beekshan*,vol-22 no-1, June 2013, *Bengal Economic Association*,(ISSN 0972-1185)
4. “Common Pool Water Resources and village development Initiatives: Case study from a village of West Bengal”, *India. Journal of Business and Economics*, Barrackpore Rastraguru Surendranath College, VOL-4, 2013. (ISSN 0974-9144)
5. Changes in Consumption Inequality within socially Disadvantaged groups in India” with co-author Dr. Dipika Basu, *Artha Beekshan*, *Bengal Economic Association*, June-Sep 2014, (ISSN 0972-1185)



C. Paper will be published immediately In Edited volume

“The role of Public Distribution System in ensuring food-security: Evidence from a village in North 24 parganas, West Bengal, Edited by Dr. Chandrasekhar Mukherjee and Dr. Jyotish Prakash Basu. Published by Barrackpore Rastraguru Surendranath College, 2014.(ISBN-978-81-921808-6-1).(In press)

D. Paper Accepted in International Journal will be published in November 2014

“Food security in West Bengal in terms of Balance Diet” in International Journal of Research in commerce and Management (IJRCM) ISSN-0976-2183,

E. “Paper Accepted and will be published In Edited volume

“Food and livelihood security in Rural West Bengal –An experience”, Regal publication, New Delhi, Bengal Economic Association.

2. Published Articles In Little Magazine:

- “Hindu Bangali janapade dharmiya utsav anusthan bishayak ekti khetrsamikha o (a) prasangik kichu katha”, Kalodhavan 12(1) January, 2004.
- Chamtagara Gram o Sundari Saren: ekti gram unnayan bhabnar etibrittya, Kalodhvani 12(1) January 2005.
- “Manab Unnayan”: Kalodhvani 12(4) October 2005.
- “Gram ethani: jela Bankura - ekti khetra samiksha o tar bisleshan”, Kalodhvani 13(2) May 2006.

Publication of Tushar Kanti Dey.

Published in Journals:

1. “An analysis on the prosperity of Indian organized retail”, Published on “*JISMANAGEME VISTA*” Vol: VII, No: 2, pp 85-93.
2. ‘OPTION PRICING MODEL: A NEW APPROACH IN QUANTITATIVE FINANCE’ published on “*INTERCONTINENTAL JOURNAL OF BANKING, INSURANCE AND FINANCE*”, Vol 1, ISSUE 4, NOV 2014.
3. ‘Discovering Pricing of European Options under Skewed Brownian Motion’ Published on “*International Journal of Social Sciences Arts and Humanities*”, Vol.2 No. 2

Seminar Presentation:

1. Relevance of crop Diversification in Rural Development in the Era of Globalization – A study with special reference to West Bengal. Presented on a two day national conference organized by Department of Economics, University of Kalyani at 5- 6th march, 2009.
2. Financial crises, US shut down and FDI. Presented on a two day national conference organized by dept of Commerce, University of kalyani at 27- 28th March 2014.



DEPARTMENT OF GEOGRAPHY

- 1 Name of the department : **GEOGRAPHY**
- 2 Year of Establishment Gen/Hons : **1997/2011**
- 3 Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **a)BA/B Sc Honours Course in Geography
b) BA/B Sc General Course (Geography as one of the Elective subjects)**
- 4 Name of interdisciplinary course and the department/units involved : **NIL**
- 5 Annual/ semester/ choice based credit system. : **Annual Examination**
- 6 Participation of the Department in the courses offered by other Department : **NIL**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **NIL**
- 8 Details of the course/ programmes discontinues (if any) with reason : **N/A**
- 9 Number of teaching posts : **1 one (sanctioned)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	01	01

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. Of Ph.D. Students guided for the last 4years
				UG	PG	
Dr. Iftikar Alam	M.A. Ph. D	Asst. Prof.	1.Urban 2.Regional planning & development	9 mnts	Nil	Nil
Pradip Kr Dey	M.A	Guest Lecturer	Urban Geography	18 yrs	Nil	Nil
Chandrani Das	M.Sc	Guest Lecturer	Fluvial Morphology	4 yrs	Nil	Nil
Rakhi Guha	M.Sc	Guest Lecturer	Urban Geography	4 yrs	Nil	Nil



Aditi Sharma	M.Sc	Guest Lecturer	-	1 mnts	Nil	Nil
Amit Das	M.Sc	Guest Lecturer	Social nvironment	1 mnts	Nil	Nil
Pritam Paul	M.Sc	Guest Lecturer	Urban Geog.	1 mnts	Nil	Nil

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classe shandled (programme wise) by temporary faculty:

Courses	Percentage
B.A/B.Sc (Geography, Gen/Hons)	100%

13. Student-Teacher Ratio(programme wise):25:1 for Hons, 28: 1 for General

one teacher = 21 classes

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 2(two)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG: Please See SL.No.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

Sl. No.	Type	Sanctioned amount	Source	Year	Level

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. andtotal grants received: NIL

18. Research Centre/ facility recognized by the University: NIL

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range



Publications:

Name	Publications of Research Papers (in No.)						
	Book	Journal	Edited book	Conference volume	accepted	communicated	Others
Dr. Iftikar Alam	-	09	02	Nil	01	-	-

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: Yes, Member of Advisory Board of Geographical Society of North Bengal.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental /programme: 100% (As per Syllabus (Paper III, General & Paper XI, Hons) the “Project Work which is part of practical paper” is compulsory for all 2nd General & 3rd Year Geography Honours Students.)

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

23. Awards/ Recognitions received by faculty and students: NIL

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

25. Seminars/ Conferences/ Workshops organized & the source of funding a) National b) International: NIL

26. Student profile programme/ course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	00	00	00	00	00	00	00	00	00	00	00	00	00	00
2013	00	00	00	00	00	00	00	00	00	00	00	00	00	00
2014	14	08	22	10	07	17	08	06	14	80	86	82	02	23
2015	08	15	33	08	13	21	08	12	20	100	92	95	09	36

*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(Geography, Gen, Hons)	100%	Nil	Nil



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student Progression	Against % enrolled
UG to PG	-
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph .D. to Post-Doctoral	NIL
Employed • Campus selection • Other than campus recruitment	NIL
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities

- Library
- Internet facilities for Staff & Students
- Class rooms with ICT facility
- Laboratories

	Access to Library		Internet facilities	Class room with ICT facility	Laboratories
	Departmental	Central			
Teacher	Yes	Yes	Yes	Yes	Yes
Student	Yes	Yes	Yes	Yes	Yes

31. Number of students receiving financial assistance from college, university,

Government or other agencies: The State Govt. provides scholarships for SC/ ST/ OBC/ Minority students in every year

32. Details on student enrichment programmes (special lectures/ workshops/ Seminar) with external experts: Special Lecture

33. Teaching methods adopted to improve student learning:

- Student Centric Teaching-Learning process
- Lecture Method & Board work
- Use of Computer and Internet
- Class test
- Remedial, Special Classes, tutorials etc.

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

The student and faculty members participate in Institutional Social Responsibility (ISR) and Extension activities organized by the NSS /NCC units of College.

35. SWOC analysis of the department and Future plans

A) Strength: Our department is started with 22 student (honours) in session 2011-12 and their result is 82.35% successful in 2014. Therefore, it is an achievement for a newly started department.



B) Weakness:

- i) Lack of infrastructure in Laboratory
- ii) Lack of Departmental Library

C) Future Plans:

- (i) To setup dynamic infrastructure in Laboratory.
- (ii) To start regularly Research work / project and publication by teachers at international and National levels.
- (iii) To organize State/National / International Levels Seminar in each academic year in our Department.
- (iv) To organize special lecture by eminent academicians & scientists.

Individual Profile

DR. IFTIKAR ALAM

DESIGNATION	: ASSISTANT PROFESSOR
DATE OF JOINING IN CHAKDAHA COLLEGE	: 17 TH MARCH, 2015
Ph.D. Awarded	: 2012, Visva Bharati University

Details of publications:

Author	Title	Name of the Journal/ Book
Iftikar Alam, Parbati Nandi and Uma Sankar Malik	Critical Assessment of Infrastructure of Berhampore Town of Murshidabad, WB.	Indian Journal of Landscape Ecological Studies, 31 (2), 2008, 207-218. ISSN 0971-4170
Iftikar Alam, Parbati Nandi and Uma Sankar Malik	Changing Patterns of Urbanization in Murshidabad District of West Bengal.	Practising Geographer, 13 (2), 2009, 1-36. ISSN 0975-3850
Iftikar Alam, Parbati Nandi and Uma Sankar Malik	Periodization in Urban History of Murshidabad District of West Bengal- A Temporal Overview.	Practising Geographer, 14 (1), 2010, 125-135. ISSN 0975-3850
Iftikar Alam, Parbati Nandi and Uma Sankar Malik	Towns of Murshidabad District: Study of Perception on Urban Infrastructure.	Practising Geographer, 15 (1), 2011, 265-279. ISSN 0975-3850
Iftikar Alam	Pattern of Perception of Citizens' Choices for The Development of Urban Water Supply Service: A Case Study of Berhampore Town of Murshidabad District of West Bengal.	Geo-Analyst, 1 (2), 2011, 45-49 ISSN 2249-2909
Iftikar Alam	Disparities in Status of Financial Health of Municipal Towns of Murshidabad District of West Bengal: An Interpretation by Factor Analysis.	Hill Geographer, XXVIII (1), 2012, 1-11. ISSN 0970-5023
Iftikar Alam	Urban Infrastructural Quality: A Study on Berhampore Town of Murshidabad District, West Bengal.	The Geographer, 59 (1), 2012, 92-101. ISSN:0072-0909



Iftikar Alam	Varying Levels of Women's Status in Municipal Towns: A Case Study on Murshidabad District.	The Journal of Bengal Geographer, II (I), 2013, 86-97. ISSN 2319-619X
Iftikar Alam	Scaling of People's Satisfaction on Urban Infrastructure: A case Study of Berhampore Town of Murshidabad District West Bengal.	Practising Geographer, 17 (1), 2013, 95-106. ISSN 0975-3850
Iftikar Alam	ICT and e Governance For Rural Development: A Case Study on West Bengal.	Rural Development: Challenges and Opportunities, II, 2013, 50-58 ISBN:978-81-927059-1-0
Iftikar Alam	Measuring the Functional Quality of Community Development Block : A Case Study on Murshidabad District of West Bengal.	Indian Journal Of Regional Science, XXXXV (1), 2013, 33-41 ISSN 0046-9017
Iftikar Alam	Urban Infrastructural Quality: A Perception Study on Berhampore Town of Murshidabad District, West Bengal.	Population Dynamism and Resource Utilization, Edited Volume, 2, 2015, 59-68. Academic Publication ISBN 978-93-83931-18-7

Details of seminar /workshop/ training programmes /sensitization programme/RC/OP participated:

Level of Seminar	Organized by	Title of the presented paper	Date
National	IIG & Punjab University, Patiala	An assessment and Development planning of Infrastructure of Berhampore Town of Murshidabad, W.B.	29.03.2008
National	IGF	Changing Pattern of Urbanization in Murshidabad District of West Bengal	28.02.2009
National	IGF & Department of Geography, Visva Bharati	Periodization in Urban History of Murshidabad District of West Bengal- A Temporal Overview.	20.03.2009
International	Department of Geography, AMU	Urban Infrastructural Quality: A Perception Study on Berhampore Town of Murshidabad District, West Bengal	25.03.2012
National	IGF	Chronic Financial Problems of Municipal Bodies of Small & Medium Towns – A Case Study of Municipal Towns of Murshidabad District	31.03.2013
National	Educational College, Dumkal	Regional Dispersion of Horizontal Equity of Education:A case study of india	13.06.2015



PRADIP KUMAR DEY

Present Status	: Guest lecturer in Geography
Date of Joining	: 31.10.2003
Educational qualification	: M. Sc (Geography)
Specialization in post Graduate	: Urban Geography
Teaching experience	: UG level (17 years)

CHANDRANI DAS

Present Status	: Guest lecturer in Geography
Date of Joining	: 19.07.2011
Educational qualification	: M. Sc (Geography)
Specialization in post Graduate	: Fluvial Morphology
Teaching experience	: UG level (4 years 4 Months)

RAKHI GUHA

Present Status	: Guest lecturer in Geography
Date of Joining	: 19.07.2011
Educational qualification	: M. Sc (Geography)
Specialization in post Graduate	: Urban Geography
Teaching experience	: UG level (4 years 4 Months)

AMIT KUMAR DAS

Present Status	: Guest lecturer in Geography
Date of Joining	: 16.11.2015
Educational qualification	: M. Sc (Geography)
Specialization in post Graduate	: Social Environment & Welfare Geography
Teaching experience	: UG level (1 Month)

ADITI SHARMA

Present Status	: Guest lecturer in Geography
Date of Joining	: 16.11.2015
Educational qualification	: M. Sc (Geography)
Specialization in post Graduate	: Advance Geomorphology
Teaching experience	: UG level (1 Month)



PRITAM PAUL

Present Status : Guest lecturer in Geography
Date of Joining : 16.11.2015
Educational qualification : M. Sc (Geography), NET JRF
Specialization in post Graduate : Urban Geography
Teaching experience : UG level (1 Month)

List of Publications:

Author	Title	Name of the Journal/ Book
Rituparna Khan & Pritam Paul	A comparative analysis of J.N.M and ESI Hospital of Kalyani Municipality	Consientia, 2, 2012, 61. ISSN 0976-9323
Pritam Paul	Domestic Violence: A case study on Chakdaha Municipality	Consientia, 4, 2013, 64. ISSN 0976-9323
Pritam Paul	A Voluminous River of Yesterday- A Degraded Canal of Today: Physical and Human Aspects	Indian Journal of Geography and Environment, ISSN: 0972- 7388



DEPARTMENT OF EDUCATION

- 1 **Name of the department** : **Education**
- 2 **Year of Establishment Gen/Hons** : **2015 General**
- 3 **Name of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : **a) UG-General**
- 4 **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./ Ph.D./M.Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. Of Years of Experien		No. of Ph.D. Students guided for the last 4years
				UG	PG	
Mrinmay Roy	M.A. M. Phil	Guest Lecturar	Teacher Education			
Bibhas Malakar	M.A. M. Ed	Guest Lecturar	Guidance and Counselling			
Subhadeep Chakraborty	M.A. M.Ed.	Guest Lecturar	Educational Technology			

5. Diversity of Students:

Nameofthe Course	%of students fromthe samestate	%ofstudents fromother States	%of students from abroad
General	100%	-	-

6. Teaching methods adopted to improve student learning:

- a. Student Centric Teaching-Learning process
- b. Lecture Method & Board work
- c. Use of Computer and Internet
- d. Group discussions, power point presentation, Class test
- e. Remedial, Special Classes, tutorials etc.

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

8. SWOC analysis of the department and Future plans

Strength: Newly set up Department.

Opportunities: Interdisciplinary subject and scope in job market

Weakness: No permanent faculty

Challenges: To prepare the students for Higher studies and also for the job market

Future Plans:

1. To organize State/National / International Levels Seminar in our Department.

Individual Profile

MRINMAY ROY

Seminar:

1. UGC sponsored International seminer on **Thought and Ideas of Swami Vivekananda on Education.**
2. UGC sponsored National seminar on **Inclusive Education in Higher Education Issues.**
3. UGC sponsored National seminer on **Education and Art of Life.**



DEPARTMENT OF PHYSICS

- 1 Name of the department : **PHYSICS**
- 2 Year of Establishment Gen/Hons : **1981/1997**
- 3 Names of Programmes/Courses offered (UG, PG, M.Phil. ,Ph.D., Integrated Masters; Integrated Ph. D., etc.): : **a) B Sc Honours Course in Physics
b) B Sc General Course (Physics as one of the Elective subjects)**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. : **Annual Examination**
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **3(Three)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	03	00

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 4years
				UG	PG	
A. K. Chakraborti	M.Sc., Ph. D	Retd. Associate Prof. as Spl. Guest Teacher	Electronics	-	Nil	Nil
S.D. Barman	M.Sc., Ph. D	Retd. Associate Prof. as Spl. Guest Teacher	Electronics	-	Nil	Nil
B. Biswas	M. Sc	Guest Lecturer	Electronics	2 Yrs	Nil	Nil
S. Chakraborti	M. Sc	Guest Lecturer	Solid State Phy	2 Yrs	Nil	Nil
S. Manna	M. Sc	Guest Lecturer	Nuclear Phy	2 Yrs	Nil	Nil
A. Karmakar	M. Sc	Guest Lecturer	Material-Science	1 Yr	Nil	Nil
M. Sikder	M. Sc	Guest Lecturer	Electronics	-	-	Nil

11. List of senior visiting faculty: **NIL**

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

Courses	Percentage
B .Sc (Physics, Gen/Hons)	100%



13. Student-Teacher Ratio (programme wise): 2014-15 (Hons) 55:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: two permanent posts of Lab. attendant: one post is vacant and done with a temporary staff

15. QualificationsofteachingfacultywithDSc/D.Litt/Ph.D/MPhil/PG:Please See SL.No.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. And total grants received: NIL

18. Research Centre/facility recognized by the University: NIL

19. Publications:

- a. Publication per faculty:
- b. Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- c. 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.)
- d. Monographs
- e. Chapter in Books:
- f. Books Edited:
- g. Books with ISBN/ISSN numbers with details of publishers:
- h. Citation Index: Citation Range

Publications:

Name	Publications of Research Papers (in No.)						
	Book	Journal	Edited book	Conference volume	accepted	communicated	Others
S. Manna	Nil	20	Nil	Nil	Nil	Nil	Nil
A. Karmakar	Nil	01	Nil	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including ginter departmental/programme: **NIL**

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

23. Awards/ Recognitions received by faculty and students:

1. Bhaskar Biswas awarded B.Ed from K.U in 2013

2. Meghnath Sikder qualified NET June, 2014

3. A.K. Chakraborty, Academic Council Member of 46th IPHO held in July, 2015

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

25. Seminars/ Conferences/ Workshops organized & the source of funding a) National b. International: One



26. Student profile programme/ course wise:

Year	Number of students admitted			Number of students appeared in final year examination			Number of students passed in final year examination			Success Rate (%)			Number of students secured first class			Drop out rate Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
2012	32	05	37	13	05	18	10	05	15	65	100	83	05	00	05	51
2013	24	06	30	13	03	16	11	03	14	85	100	88	07	02	09	47
2014	23	11	34	05	06	11	05	06	11	100	100	100	03	06	09	68
2015	19	16	35	13	08	21	12	08	20	92	100	95	08	03	11	40

*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
Physics (Hons, Gen)	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

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

30. Details of Infrastructural facilities

- Library
- Internet facilities for Staff & Students
- Class rooms with ICT facility
- Laboratories

	Access to Library		Internet facilities	Class room with ICT facility	Laboratories
	Departmental	Central			
Teacher	Yes	Yes	Yes	Yes	Yes
Student	Yes	Yes	Yes	Yes	Yes

31. Number of students receiving financial assistance from college, university, government or other agencies: All SC/ST/OBC/Minority students receive scholarships from the state Government.

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

33. Teaching methods adopted to improve student learning:

- Student Centric Teaching-Learning process
- Lecture Method & Board work
- Use of Computer and Internet
- Class test
- Remedial, Special Classes, tutorials etc.

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



The student and faculty members participate in Institutional Social Responsibility (ISR) and Extension activities organized by the NSS /NCC units of College.

35.SWOC analysis of the department and Future plans

A) Strength:

- i. The main strength of the department is the demand for the subject by the students since student-teacher ratio is 51:1
- ii. With no full time faculty and (only one Lab attendant out of the two sanctioned post) the department is moving forward imparting quality teaching and striving hard to complete syllabus in time.
- iii. Satisfactory results for honours course for last five years

B) Weakness:

- i. 100% shortage of full time teacher
- ii. Poor infrastructure in laboratory

C) Future Plans:

- a) To start regularly Research work / project and publication by teachers at international and national levels.
- b) To organize State/National / International Levels Seminar in each academic year in our Department.

INDIVIDUAL PROFILE

SANJIB KUMAR MANNA

List of publications

1. Multidimensional intermittency study of target fragments at CERN SPS energies, Prabir Kumar Haldar, Sanjib Kumar Manna, Prosenjit Saha & Dipak Ghosh, Astro particle physics, [Volume 42](#), February 2013, Pages 76–85.
2. Ring and Jet Study on Azimuthal Substructure of Pions at CERN SPS Energy Prabir Kumar Haldar, Sanjib Kumar Manna, Prosenjit Saha & Dipak Ghosh, Pramana, Vol. 80, No. 4, April 2013, pp. 631–642
3. Dynamical fluctuations of pions for Ring and Jet-like events at SPS energy – An in-depth study with Factorial Correlator, Prabir Kumar Haldar, Sanjib Kumar Manna, Prosenjit Saha & Dipak Ghosh, Indian Journal of Physics, 13 sept. 2012.
4. Peculiarities in the distribution of produced particles emission in $^{24}\text{Mg-Ag/Br}$ interactions at 4.5 A GeV. Prabir Kumar Haldar, Sanjib Kumar Manna, Prosenjit Saha & Dipak Ghosh. IJPAP, Vol. 50, March 2012, pp.156-160.
5. Non-Statistical fluctuations of pions for Ring and Jet-like events at CERN SPS energy – An in-depth analysis with Factorial Correlator, Prabir Kumar Haldar, Sanjib Kumar Manna, Prosenjit Saha and Dipak Ghosh. IJMPE, Vol. 20, No. 9 (2011) 2027-2038.
6. Factorial Correlators and Oscillatory Multiplicity Moments at the CERN SPS Energy for Ring-Like and Jet-Like Events, Prabir Kumar Haldar, Sanjib Kumar Manna, Chin. Phys. Lett. Vol. 28, No. 1 (2011) 012502.
7. Factorial correlators and oscillatory multiplicity moments of ring-like and jet-like events in $^{16}\text{O-Ag/Br}$ interactions at 60 A GeV. Prabir Kumar Haldar and Sanjib Kumar Manna, Canadian Journal of Physics, 2011, 89:(6) 713-721.
8. Ring and Jet-like structure and two-dimensional intermittency in nucleus-nucleus collisions at 200A GeV/c. M. K.Ghosh, P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh, Nuclear Physics A, 858 (2011) 67-85.
9. Intermittency and related issues in $^{16}\text{O-Ag/Br}$ collision at 200A GeV/c, M. K.Ghosh, P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh, Can. J. Phys. 88: 575–584 (2010)



Papers published in National and International Conferences

1. Multifractal detrended fluctuation analysis of ^{16}O -Ag/Br interaction at 60A GeV/c, *Sanjib Kumar Manna, Prabir Kumar Haldar* [DAE Symposium on Nuclear Physics, December 08-12, 2014, Physics Department, BHU, Varanasi.
2. Wavelet analysis of Ring and Jet-like events at CERN SPS Energy, Prabir Kumar Haldar, *Sanjib Kumar Manna, Prosenjit Saha*, DAE Symposium on Nuclear Physics, DAE Symposium on Nuclear Physics, December 03-07, 2012, University of Delhi.
3. Wavelet analysis of unusual Superspiky event produced in ^{32}S -Ag/Br interactions at 200A GeV/c, *Prabir Kumar Haldar, Sanjib Kumar Manna*, DAE Symposium on Nuclear Physics, December 03-07, 2012, University of Delhi
4. Peculiarities and Intermittency Study of Target Fragments at CERN SPS Energies; (19th State Science & Technology Congress, *Prabir Kumar Haldar, Sanjib Kumar Manna & Prosenjit Saha* SINP, 28th February - 1st March, 2012.
5. Wavelet analysis in high multiplicity events at CERN SPS energy. *Prabir Kumar Haldar, Sanjib Kumar Manna*; DAE Symposium on Nuclear Physics, Visakhapatnam, 26-30th Dec, 2011.
6. Jet-like structure and Two-dimensional intermittency study at CERN SPS Energy, *Sanjib Kumar Manna, Prosenjit Saha & Prabir Kumar Haldar*; [DAE Symposium on Nuclear Physics, Visakhapatnam, 26-30th Dec, 2011.
7. Non-Statistical fluctuations of pions for Ring and Jet-like events at CERN SPS energy – An in-depth analysis with Factorial Correlator, *Prabir Kumar Haldar, Sanjib Kumar Manna & Prosenjit Saha*, 18th State Science & Technology Congress, Narendrapore (28th February - 1st March, 2011).
8. Factorial correlators and Oscillatory multiplicity moments for Ring and Jet-like events in ^{32}S -Ag/Br interactions at 200 A GeV. *P. K. Haldar, S. K. Manna*, 'ICPAQGP 2010', Goa- Dec.6-10, 2010.
9. Searching for Ring-like and Jet-like substructure in ^{24}Mg -Ag/Br interactions at 4.5 A GeV. *P. K. Haldar, S. K. Manna & P. Saha*, 'ICPAQGP 2010', Goa- December 6-10, 2010.
10. Self-affine multiplicity fluctuation in the density of charged particles produced at CERN SPS energy, *P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh*, 'High Energy Physics (HEP) Symposium 2010', Jaipur-December 13-18, 2010.
Factorial correlators and oscillatory multiplicity moments study in ^{16}O -Ag/Br interactions at 60 A GeV for Ring like and Jet like events, *P. K. Haldar, S. K. Manna & P. Saha*, 'HEPS, Jaipur Dec.13-18, 2010.
11. Non-statistical fluctuation study of pions in unusual superspiky Ring-like and spiky events at CERN SPS energy, *P. K. Haldar, S. K. Manna*, 'HEPS, Jaipur Dec.13-18, 2010.
12. Evidence of dynamical fluctuation of emission of pions produced in ultra-relativistic nuclear collisions at 200A GeV/c for different projectiles, *P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh*, 'DAE Symp. On Nuclear Physics' BITS Pilani, Dec. 20-24, 2010.
13. Factorial correlators study for Ring-like and Jet-like events at CERN SPS energy, *Prabir Kumar Haldar, Sanjib Kumar Manna & Prosenjit Saha*, 'DAE Symposium On Nuclear Physics' BITS Pilani, December 20-24, 2010.
14. Peculiarities of Produced Particles in heavy-ion Collisions at CERN SPS Energy, *Prabir Kumar Haldar, Sanjib Kumar Manna & Prosenjit Saha*, 'DAE Symposium On Nuclear Physics', BITS Pilani, December 20-24, 2010.
15. Jet-structure in ^{16}O -Ag/Br interaction at 200 A GeV/c, *P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh*, 'DAE Symp. On Nuclear Physics' BITS Pilani, December 20-24, 2010.
16. Search for Ring and Jet-like Structures in Particle Emission from High-energy Nucleus-nucleus Collision, *P. K. Haldar, S. K. Manna, M. Ghosh, A. Mukhopadhyay, D. Roychowdhury, and G. Singh*, Int. Conferences ACISNR 2010, State University of New York at Fredonia, USA, May-5-7, 2010.
17. Nonstatistical fluctuation in ^{16}O -Ag/Br collisions at 200A GeV/c, *M. K. Ghosh, P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh*, International Symp. of Nuclear Physics –2009' BARC, Dec. 8-12.
18. Two-dimensional intermittency in ^{16}O -Ag/Br interactions at 200A GeV/c, *M. K. Ghosh, P. K. Haldar, S. K. Manna, A. Mukhopadhyay and G. Singh*, [International Symp. of Nuclear Physics – 2009' BARC, Dec. 8-12.

AVIK KARMAKAR

Publication:

Synthesis and Characterization of TiO_2 Thin Films for Optoelectronic Applications, Journal of Pure & Applied Ind Physics, Vol. 5, 289-297, 2015.



DEPARTMENT OF CHEMISTRY

- 1 Name of the department : **Chemistry**
- 2 Year of Establishment Gen/Hons : **General: 1983**
Hons.: 1997
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Physics & Math**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Physics & Math**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **03(three)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	03	02	Nil	01				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
Dr. Paritosh Biswas	Ph.D.	Associate Professor	Organic Chemistry	16	05	Nil
Dr. Saikat Sarkar	Ph.D.	Assistant Professor	Inorganic	12	X	Nil
Dr. Naba Kumar Ghosh	Ph.D.	Guest Lecturer	Physical		X	Nil
Sri. Sanjoy Paul	M.Sc.	Guest Lecturer	Inorganic	03	X	Nil
Smt. Soma Kar Mandal	M.Sc.	Guest Lecturer	Physical	02	X	Nil
Miss. Ankita Sarkar	M.Sc.	Guest Lecturer	Inorganic	02	X	Nil
Sri Debasish Pal	M.Sc.	Guest Lecturer	Inorganic	02	X	Nil
Sri Suman Mondal	M.Sc.	Guest Lecturer	Inorganic	02	X	Nil
Sri Sourav Kanrar	M.Sc.	Guest Lecturer	Physical	02	X	Nil
Dr Sovan Kr. Singha	Ph.D.	Guest Lecturer	Organic	01	X	Nil
Dr. Indranil Kundu	Ph.D.	Guest Lecturer	Organic	01	X	Nil
Dr. Abhijit Biswas	Ph.D.	Guest Lecturer	Physical	01	X	Nil
Sri Tapan Ghosh	M. Sc.	Guest Lecturer	Physical	01	X	Nil



11. List of senior visiting faculty: N/A

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

Day Section :
B. Sc. (Gen) : 87%
B. Sc. (Hons) : 73%

13. Student -Teacher Ratio (programme wise): B.Sc. (Honours) – 21:1, B.Sc. (General) – 105:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.: Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: National: 02

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference, Apted= accepted; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comped	Other
Dr. Paritosh Biswas	01	13	-	-	-	-	-
Dr. Saikat Sarkar	-	25	01	-	-	01	-
Dr. Naba Kr Ghosh	-	07	-	-	-	-	-
Dr. Sovan Kr. Singha	-	03	-	-	-	-	-
Dr. Indranil Kundu	-	04	-	-	-	01	-
Dr. Abhijit Biswas	-	04	-	-	01	-	-

20. Areas of consultancy and income generated: NIL

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: N/A

22. Student projects: N/A

23. Awards/ Recognitions received by faculty and students:

Dr. Paritosh Biswas awarded Ph.D. in Organic Chemistry from University of Kalyani
Dr. Saikat Sarkar awarded Ph.D. in Inorganic Chemistry from University of Kalyani
Dr. Naba Kr. Ghosh awarded Ph.D. in Physical Chemistry from University of Kalyani
Dr. Sovan Kr Singha awarded Ph.D. in Organic Chemistry from University of Kalyani
Dr. Indranil Kundu awarded Ph.D. in Organic Chemistry from University of Kalyani
Dr. Abhijit Biswas awarded Ph.D. in Physical Chemistry

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

- Dr. Tapas Das, Scientist, BARC visited Department in 2011
- Sri Sankar Chakraborty, President, Paschim Banga Bignyan Mancha
- Dr. Shyamal Chakraborty, Head, UCST, Kolkata

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

a) National; b) International: State Level: 01; National Level: 01



	Year	No. of students admitted* (3 years back)			No. of students appeared in the final exam			No. of students passed			Success Rate (%)			No. of 1 st class			Drop out Rate (%) **
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
	2012	14	17	31	3	13	16	3	12	15	100	92	94	2	8	10	48
	2013	21	10	31	11	6	17	9	6	15	82	100	88	8	2	10	45
	2014	22	11	33	10	8	18	9	6	15	90	75	83	4	3	7	45
	2015	20	15	35	10	12	22	10	12	22	100	100	100	8	4	12	37

Note : *data correspond to 3 years back from the given year and it includes fresh admission, re-admission, transfer cases. **Based on total number of students admitted. M = Male, F = Female, T = Total

26. Student profile programme/course wise:

27. Diversity of Students:

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.Sc. (Hons)	100	--	01 Seat allotted for foreign student

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl. No.	Name	Passed SET/NET/SSC	Working as	Institution/Department
1	Dr. Rajarshi Ghosh	NET	Asst. Prof.	The University of Burdwan
2	Dr. Rudra Tapas Dey	NET	Asst. Prof.	
3	Dr. Tapas Ghosh	NET	-	
4	Dr. Rajkumar Nandi	NET	Post Doc Fellow	
5	Dr. Debankan Ghosh	NET	-	
6	Dr. Indranil Kundu	NET	Guest Lecturer	

29. Student progression

Student progression	Against % enrolled
UG to PG	70 % (approx)
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library which is quite rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

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

Yes. It is arranged occasionally. As Dr. Joydeb Jana, Scientist, PHE, GOWB, delivered lecture on Arsenic problem in the region for general awareness.

33. Teaching methods adopted to improve student learning:



Traditional Lecture Method
Remedial classes to weaker section of the students
Special Classes for Hons Students after Test Examinations

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members, well equipped smart classrooms, intelligent and hard working students are the strengths of the department.
- **Weakness:** Shortage of faculty and poor Departmental Library. Space problem and inadequate infrastructure.
- **Opportunities:** Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, RBU, etc.) for M.Sc. Degrees. A large number have been working as Assistant Professors in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.

Future Plans:

1. To arrange workshops / seminars regularly for students' progression
2. To take more programmes for popular awareness on Arsenic Problem in the locality

INDIVIDUAL PROFILE

DR. PARITOSH BISWAS

- | | |
|---------------------------------------|---|
| 1. Name | : Dr. Paritosh Biswas |
| 2. Designation | : Associate Professor |
| 3. Name of the College | : Chakdaha College |
| 4. Date of joining | : 02.08.1999 |
| 5. Date of birth | : 10.08.1971 |
| 6. Residential address | : B-2/375 Kalyani, Nadia, WB, Pin – 741235 |
| 7. Highest qualification | : M.Sc., Ph.D. |
| 8. Specialisation in post graduation | : M.Sc., Ph.D. |
| 9. Teaching experiences | : A. UG Level –16 years 5 months
B. PG Level – 5 years |
| 10. Research experience and trainings | : Above ten years research experience in the area of Synthetic Organic Chemistry. |
| 11. Research project | : Nil |
| 12. Area of current research | : Nil |
- 13. Teachers' membership of professional bodies, Societies etc.**
- i) Life Member - Indian Association for the Cultivation of Science, Kolkata
 - ii) Member - UG Board of studies (Chemistry) of Kalyani University since 2010
 - iii) Member – Governing Body, Chakdaha College

14. Courses attended :

Refresher course attended

i. Refresher course in Chemistry from Nov. 19, 2001 to Dec. 10, 2001 at UGC-RCC, University of Kalyani.

ii. Refresher course in Chemistry held from 8th March 2004 for a period of three weeks at UGC-RCC University of Kalyani.

iii. NCC Pre-Commission Course (Serial No. SD – 135) at NCC Officer Training Academy, Kamptee from 22nd November 2004 to 19th February 2005.



iv. Retraining of College Teachers Course "An Introduction to Environmental Policy : A Non-Technical

Approach held during November 18-20, 2005 under UGC – Sponsored University with Potential for Excellence Scheme at Jadavpur University.

v. Refresher course in the subject "Modern Aspects of Chemical Sciences" from January 02 to 22, 2007 at UGC – Academic Staff College, Jadavpur University.

Workshop attended

i. Workshop on HPLC and Electron Microscopy on March 15, 1996, held at CDRI, Lucknow;

ii. National Workshop on Microscale Experiments in Chemistry on January 10-13, 2000 at Pune University.

iii. Workshop on "Laboratory Counselling-cum-Evaluation Session, 2006" on September 14, 2006 at NetajiSubhas Open University under the Staff Training and Development Programme.

iv. One day workshop on BDP Laboratory Counselling Methodology – Problems and Remedies in ODL System organized by School of Science, NSOU Kalyani Campus on March 20, 2012.

As resource person

i . "A four day National Workshop on Microscale Experiments in Chemistry" for College & University teachers at the University of Kalyani during June 20-23, 2000.

15. Paper published (in details):

i. Studies on Amine Oxide Rearrangement: Regioselective Synthesis of Pyrrolo [3,2-*f*]quinolin-7-ones. K.C. Majumdar, **P. Biswas** and G. H. Jana.*J. Chem. Res. (S)*, 310-312 (1997); *J. Chem. Res. (M)*, 2068-2079 (1997).

ii. Studies in Sulfoxide Rearrangement: Regioselective Synthesis of Thieno [3,2-*f*]quinolin-7(6*H*)-one Derivatives. K. C. Majumdar and **P. Biswas**, *Tetrahedron*, **54**, 11603-11612 (1998).

iii. Cyclisation of 3-Cyclopent-2-enyl-4-hydroxy[1]benzopyran-2-one. K. C. Majumdar, P. K. Choudhury and **P. Biswas**, *Indian J. Chem.*, **37B**, 1197-1201 (1998).

iv. Reactions of Derivatives of 1,4-Dichlorobut-2-yne Leading to Heterocycles. K. C. Majumdar and **P. Biswas**, *Heterocycles*, **50**, 1227-1268 (1999)

v. Synthesis of Bioactive Heterocycles: One Pot Regioselective Synthesis of Pyrano[3,2-*f*]benzo-(*b*)thiophene Derivatives. K.C. Majumdar and **P. Biswas**, *Tetrahedron*, **55**, 1449-1456 (1999).

vi. Unusual Ring Contraction of 3*H*-Pyrano[2,3-*c*]quinolin-5(6*H*)-ones to Furo[2,3-*c*]quinolin-4(5*H*)-ones. K.C. Majumdar, A.K. Kundu and **P. Biswas**, *Heterocycles*, **51**, 471-474 (1999).

vii. Synthesis of furo[3,2-*c*]quinolin-4(5*H*)-ones, K. C. Majumdar, A. K. Kundu and **P. Biswas**, *Heterocycles*, **51**, 2399-2406 (1999).

viii. Studies in [3, 3] sigmatropic rearrangement: Regioselective cyclization of 5-(cyclohex-2-enyl)-6-hydroxy-1-methylquinolin-2(1*H*)-one, K. C. Majumdar, **P. Biswas** and S. K. Ghosh, *Synth. Commun.*, **30**, 4113-4128 (2000).

ix. Cyclisation of 3-Cyclopentenyl-4-hydroxy[1]benzopyran-2-one., K. C. Majumdar, **P. Biswas** and P. K. Choudhury, *Synth. Commun.*, **30**, 4047-4056 (2000).

x. Regioselective Synthesis of Pyrano[3,2-*f*]quinolin-2(7*H*)-ones and Furo[3,2-*f*]quinolin-2-ones, K. C. Majumdar, S. K. Ghosh and **P. Biswas**, *Monatshefte fur Chemie*, **131**, 967-973 (2000).

xi. Thiochromone-Annelated Heterocycles: Regioselective Synthesis of Furo[3,2-*b*]benzothio-pyran-9-ones, K. C. Majumdar, B. Roy and **P. Biswas**, *Monatshefte fur Chemie*, **132**, 739-746 (2001).

xii. Regioselective Synthesis of 1*H*,3*H*,6*H*-[2]benzopyrano[4,3-*d*]pyrimidine-2,4-dione and 12*H*-benzopyrano[3,2-*c*][1]benzopyran-5-ones by radical cyclization, K. C. Majumdar, P. K. Basu, P. P. Mukhopadhyay, S. Sarkar, S. K. Ghosh and **P. Biswas**, *Tetrahedron*, **59**, 2151-2157 (2003).

xiii. Studies in Amine Oxide Rearrangement: Meisenheimer Rearrangement of *m*-substituted tertiary amine oxides, K. C. Majumdar, B. Roy, P. K. Basu and **P. Biswas**, *Indian J. Chem.*, **45B**, 719-725 (2006).

16. Any other information: GATE-1995 qualified



17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years)

As convenor

- i. UGC Sponsored State Level Seminar on 'Combating the Treat of Climate Change: Redemption for Humanity' on September 3-4, 2010 at Chakdaha College organised by Department of Botany, Chemistry, Mathematics, Physics, Zoology and Economics.
- ii. UGC Sponsored National Level Seminar on 'Acharya Prafulla Chandra Roy: Re-evaluation of life and works on his 150th Birth Anniversary' on November 25, 2011 at Chakdaha College organised by Department of Chemistry.

As participant

- i. UGC-SAP Sponsored National Seminar on Current Trends in Chemistry – IV held in the Department of Chemistry University of Kalyani on February 26, 2010.
- ii. UGC – Sponsored State level Seminar on 'Evil and its Ramification in Shakespear; Macbeth and other Plays' held in the Department of English, Chakdaha College on August 06, 2010.
- iii. UGC –Sponsored National Seminar on Chemistry for Better World held in the Department of Chemistry University of Kalyani on March 29, 2011.
- iv. UGC – Sponsored National Seminar on 'Human Rights and the Indian State' held in the Department of Political Science, Chakdaha College on December 20-21, 2011.
- v. UGC – Sponsored National Seminar on 'Green Energy via-a-vis Carbon-rich Power generation: A Challenge ahead' held in the Department of Physics, Chakdaha College on January 10, 2012.
- vi. UGC – Sponsored State level Seminar on 'The Sanskrit Literature and Rabindranath'' held in the Department of Sanskrit, Chakdaha College on January 01, 2012.
- vii. UGC – Sponsored State level Seminar on 'Diabetes: A Silent Killer' held in the Department of Zoology, Chakdaha College on March 02, 2012.
- viii. Workshop on 'BDP Laboratory Counselling Methodology – Problems and Remedies in ODL System' organized by School of Science, NSOU Kalyani Campus on March 20, 2012
- ix. Seminar on 'Quality improvement in Higher Education' held in Chakdaha College on August 19, 2015.

DR. SAIKAT SARKAR

- | | |
|---|---|
| 1. Name | : Dr. Saikat Sarkar |
| 2. Designation | : Associate Professor |
| 3. Name of the College | : Chakdaha College |
| 4. Date of joining | : 17.04.2015 (Santipur College since 02.01.2004 to 16.04.2015) |
| 5. Date of birth | : 26.12.1975 |
| 6. Residential address | : B-12/4 Kalyani, Nadia, Pin - 741235 |
| 7. Highest qualification | : M.Sc., Ph.D. |
| 8. Specialisation in post graduation | : Inorganic Chemistry |
| 9. Teaching experiences | : A. UG Level –12 years
B. PG Level – Nil |
| 10. Research experience and trainings | : Above ten years research experience in the area of Synthetic Organic Chemistry. |
| 11. Research project | : UGC-MRP (2009-2011) |
| 12. Area of current research | : Synthetic Coordination Chemistry |
| 13. Teachers' membership of professional bodies, Societies etc. | |



- i) Teachers' membership of professional bodies, Societies etc. : Life Member - Indian Association for the Cultivation of Science, Kolkata
- ii) Member - UG Board of studies (Chemistry) of Kalyani University since 2010

14. Courses attended (2010-2015):

- (i) Refreshers Course in Chemistry, ASC, CU, 22.11.2010 to 11.12.2010
- (i) UGC Sponsored Special Summer School, 2014 on 'Science & Technology: Biomedical, Engineering & Environmental Issues', ASC, CU, 12.06.2014 to 02.07.2014.
- (ii) Short Term Course, HRDC, The University of Burdwan, 25.08.2015 to 31.08.2015

15. Any other information: NET (2002), GATE (2002)

16. Paper published (in details):

- i) S. Sarkar, S. K. Nag, A.P. Chattopadhyay and K. Dey, Synthesis, spectroscopic characterization and antimicrobial studies of oxomolybdenum(V) and dioxomolybdenum(VI) complexes with NNS donor tridentate Schiff base ligands., *J. Ind. Chem. Soc.* (under revision) (2015).
- ii) S. Sarkar, S. K. Nag, A.P. Chattopadhyay and K. Dey, Synthesis and spectroscopic characterization of some Iron (III) complexes with Tetradentate Schiff base ligands. *Ind. J. Sci.*, 12, 17 (2015).
- iii) S. Sarkar and S. K. Chattopadhyay, Revisiting two common drugs in India. *Ind. J. Sci.*, 10, 56 (2014).
- iv) S. Biswas, T. Kar, S. Sarkar and K. Dey. Synthesis, characterization, and density functional study of some manganese (III) Schiff-base complexes. *J. Coord. Chem.* 65, 980 (2012).
- v) S. M. Islam, Anupam Singha Roy, Paramita Mondal, Sanchita Mondal, Manir Mubarak, Dildar Hossain and Saikat Sarkar. Selective oxidation of olefins and aromatic alcohols with *tert*-butylhydroperoxide catalyzed by polymer anchored transition metal complexes. *J. Appl. Poly. Sci.*, 2743 (2011).
- vi) M. Islam, P. Mondal, S. Mukherjee, M. Mobarok, A. Singha Roy, S. Mondal and S. Sarkar. Efficient liquid phase oxidation of olefins and aromatic alcohol catalyzed by reusable polymer anchored Schiff base complexes. *J. Chem. Tech. Biotech.*, 85, 460 (2010)
- vii) S. Biswas, G. Mostafa, I.M. Steele, S. Sarkar and K. Dey. Synthesis, Crystal structures and Luminescent properties of Phenylmercury(II) Complexes with Thiohydrazone Ligands having Weak Hg..... π and Hg.....Hg interactions. *Polyhedron*, 28, 1010 (2009).
- viii) S. Sarkar, S. Biswas, M-S. Liao, T. Kar, Y. Aydogdu, F. Dagdelen, G. Mostafa, A. P. Chattopadhyay, G. P. A. Yap, R-H. Xie, A. T. Khan and K. Dey. An Attempt Towards Coordination Supramolecularity from Mn(II), Ni(II) and Cd(II) with a New Hexadentate [N₄O₂] Symmetrical Schiff Base Ligand: Syntheses, Crystal Structures, Electrical Conductivity and Optical Properties. *Polyhedron*, 27, 3359 (2008).
- ix) S. Sarkar, S. Biswas and K. Dey. Synthesis, spectroscopic characterization and magnetic properties of homo- and hetero-dinuclear complexes of transition and non-transition metal ions with a new Schiff base ligand. *Spectrochim. Acta (A)*, 71, 1555 (2008).
- x) S. Biswas, S. Sarkar, B. B. Bhaumik and K. Dey. Reactions of 2-(1-carboxyl-2-hydroxyphenyl)thiazolidine with chromium(III) salts leading to newer synthesis of chromium(III) complexes. *J. Coord. Chem.*, 61, 605 (2008).
- xi) S. Biswas, S. Sarkar, I. M. Steele, S. Sarkar, G. Mostafa, B. B. Bhaumik and K. Dey. Two dimensional supramolecular assembly of unusual phenylmercury(II) and cadmium(II) complexes with a tridentate thiohydrazide NNS donor ligand. Synthesis, coordination behavior and crystal structure. *Polyhedron*, 26, 5061 (2007).
- xii) K. Dey, S. Sarkar, S. Biswas and B. B. Bhaumik. Synthesis and characterization of oxovanadium (IV), vanadium(IV) and oxovanadium(V) complexes of tetradentate Schiff bases. Attempted preparation of vanadium-carbon bonded compounds through desilylation. *J. Coord. Chem.*, 60, 1143 (2007).
- xiii) S. Biswas, S. Sarkar, Y. Aydogdu, F. Dagdelen, B. B. Bhaumik and K. Dey. Solid state properties of mononuclear manganese (III) heterochelates involving tetradentate Schiff base: X-ray diffraction studies, thermal, electrical and optical properties. *Materials Sci.: An Indian Journal*, 3, 19 (2007).
- xiv) S. Sarkar, S. Biswas, K. Dey and B. B. Bhaumik. Coordination complexes of titanium, zirconium and tin having metal-carbon bonds with dibasic NSO donor Schiff base ligand. Syntheses and characterization. *J. Coord. Chem.*, 60, 1057 (2007).
- xv) T. Kar, Meng-Sheng Liao, S. Biswas, S. Sarkar, K. Dey, G.P.A. Yap and K. Kreisel.



- Spectroscopy, crystal structure, valence molecular orbital energy level diagram and DFT study of *cis*-[Cr (2,2'-bipy)₂](Cl)_{0.38}(PF₆)_{0.62}. *Spectrochim. Acta (A)*, 65, 882 (2006).
- xvi) S. Biswas, S. Sarkar, K. Dey, B. Jana, T.D. Basu, G.P.A. Yap and K. Kreisel. New route to the synthesis of bis {N-(2-aminoethyl)salicylaldiminato} chromium(III) chloride monohydrate. Characterization, crystal structure and interaction with DNA. *Spectrochim. Acta (A)*, 65, 523 (2006).
- xvii) K. Dey, S. Sarkar, S. Mukhopadhyay, A.K. Mallick, S. Biswas and B.B. Bhaumik. Synthesis and characterization of a new thiohydrazone ligand, 3-carboxybenzaldehyde morpholine N-thiohydrazone and its metal complexes. *J. Coord. Chem.*, 59, 1233 (2006).
- xviii) K. Dey, S. Mukhopadhyay, S. Sarkar, S. Biswas and B.B. Bhaumik. Synthesis, characterization and coordination behaviour of 2-(1-carboxyl-2-hydroxyphenyl) thiazolidine. *J. Coord. Chem.*, 59, 565 (2006).
- xix) S. Sarkar and K. Dey. Synthesis and spectroscopic characterization of some transition metal complexes of a new hexadentate N₂S₂O₂ Schiff base ligand. *Spectrochim. Acta (A)*, 62, 383 (2005).
- xx) K. Dey, S. Sarkar, R. Bhowmick, S. Biswas and D. Koner. Homo- and hetero-binuclear complexes of compartmental Schiff base ligand. Synthesis and characterization. *Indian J. Chem.*, 44(A), 1995 (2005).
- xxi) K. Dey, R. Bhowmick, S. Sarkar, S. Biswas and D. Koner. Synthesis and characterization of some mononuclear complexes of the Schiff base {N,N'-2,2'-bis(aminoethyl) methylaminebis(3-carboxysalicylaldimine)}. *Synth. React. Inorg. Met-Org. Nano Met. Chem.*, 35, 285 (2005).
- xxii) K. Dey, S. Biswas and S. Sarkar. Synthesis and characterization of some new manganese (II) complexes, manganese(III) heterochelates and μ -dioxo-manganese(IV) complexes involving quadridentate Schiff bases. *Synth. React. Inorg. Met-Org. Chem.*, 34, 1615 (2004).
- xxiii) K. Dey, S. Mukhopadhyay and S. Sarkar. Synthesis, characterization and reactions of metal complexes of 2-(1-formylferrocene) thiazoline and 2-methyl-2-(1-ferrocene)thiazoline. *Indian J. Chem.*, 43(A), 1853 (2004).
- xxiv) S. Sarkar, Y. Aydogdu, F. Dagdelen, B.B. Bhaumik and K. Dey. X-ray diffraction studies, thermal, electrical and optical properties of oxovanadium(IV) complexes with quadridentate Schiff bases. *Materials Chem. Phys.*, 88, 357 (2004).
- xxv) K. Dey, B.B. Bhaumik and S. Sarkar. Synthesis and characterization of some vanadium (III) complexes with tetradentate Schiff bases. *Indian J. Chem.*, 43(A), 773 (2004).
- xxvi) K. Dey, B.B. Bhaumik, S. Biswas and S. Sarkar. Synthesis and characterization of some new heterochelates of chromium (III). *Indian J. Chem.*, 42(A), 1661 (2003).
- xxvii) K. Dey, R. Bhowmick and S. Sarkar. Coordination behaviour of 2-(1-carboxyl-2-hydroxyphenyl) benzothiazoline. *Synth. React. Inorg. Met-Org. Chem.*, 32, 1393 (2002).

17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years)

- (i) 'National Seminar on Current Trends in Chemistry-IV', Department of Chemistry, University of Kalyani, Kalyani, Nadia, February 26, 2010.
- (ii) 'National Seminar on Current Trends in Chemistry-V', Department of Chemistry, University of Kalyani, Kalyani, Nadia, February 25, 2011.
- (iii) UGC sponsored National Seminar on 'Chemistry for a Better World', Department of Chemistry, University of Kalyani, Kalyani, Nadia, March 29, 2011.
- (iv) UGC sponsored National Level Seminar on 'Acharya Prafulla Chandra Roy: Re-evaluation of life & works on his 150th birth anniversary', Department of Chemistry, Chakdaha College, Chakdaha, Nadia, November 25, 2011.
- (v) UGC sponsored State Level seminar on 'Chemistry: Our life, our future', Sripat Singh College, Jiaganj, Murshidabad, January 31, 2012.
- (vi) One day workshop on Career Advancement Scheme, Khalisani Mahavidyalaya, Khalisani, Chakdaha, Hooghly, September 20, 2014.
- (vii) UGC sponsored national Conference on 'Environmental Impacts on Health: Towards a Better Future', Bangabasi Morning College, March 27-28, 2015.
- (viii) College Level Seminar on 'Quality Assurance in Higher education', Sabtipur College, April 02, 2015.
- (ix) College Level Seminar on 'Quality improvement in Higher Education' Chakdaha College, August 19, 2015.



- (x) 'Indian Bangladesh Structural Chemistry Conference', IISER, Kolkata, September 18-19, 2015.

SRI SANJOY PAUL

1. Name : **Sri Sanjoy Paul**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 12.11.2013
5. Date of birth : 04.08.1988
6. Residential address : B-17/1(S), Kalyani Nadia, WB, Pin - 741235
7. Highest qualification : M.Sc.
8. Specialisation in post graduation : Inorganic Chemistry
9. Teaching experiences : A. UG Level –2 years
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : Nil
12. Area of current research : Nil
13. Courses attended : Nil
14. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years)
 - i) UGC-Sponsored National Seminar on Chemistry for a Better World held in the Department of Chemistry, University of Kalyani on March 29, 2011.
 - ii) UGC-Sponsored Seminar on Current Trends in Chemistry – VI held in the Department of Chemistry, University of Kalyani on March 02, 2012.
 - iii) UGC-Sponsored Seminar on 'Impact of Environmental Education on Daily life' held in ShimuraliSachinandan College of Education on July 16, 2013.

SMT. SOMA KAR MANDAL

1. Name : **Smt. Soma KarMandal**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 11.09.2014
5. Date of birth : 12.08.1990
6. Residential address : Anandapur, Barajaguli, Haringhata, Nadia, WB, Pin - 741221
7. Highest qualification : M.Sc. (85.13%)
8. Specialisation in post graduation : Physical Chemistry
9. Teaching experiences : A. UG Level – From 11.09.2014
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : Comparison of viscosity of metal sulphates and metal nitrates'
12. Area of current research : Nil
13. Courses attended : B.Ed
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : Nil
16. Paper published (in details) : Nil
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years) : Nil



MS. ANKITA SARKAR

1. Name : **Ms. Ankita Sarkar**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 15.09.2014
5. Date of birth : 19.04.1990
6. Residential address : Uttar Ghosh Para, Chakdaha, Nadia, WB, Pin - 741222
7. Highest qualification : M.Sc. (75.08%)
8. Specialisation in post graduation : Inorganic Chemistry
9. Teaching experiences : A. UG Level – From 15.09.2014
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : Nil
12. Area of current research : Nil
13. Courses attended : B.Ed
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : Nil
16. Paper published (in details) : Nil
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years) : Nil

SRI DEBASISH PAUL

1. Name : **Sri Debasish Paul**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 15.09.2014
5. Date of birth : 27.02.1991
6. Residential address : Shikhak Para, Aranghata, Nadia, WB
7. Highest qualification : M.Sc. (76.17%)
8. Specialisation in post graduation : Inorganic Chemistry
9. Teaching experiences : A. UG Level – From 15.09.2014
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : 'Organo-Metalic Compound of Ruthenium Metal'
12. Area of current research : Nil
13. Courses attended : B.Ed
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : Nil
16. Paper published (in details) : Nil
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years):
 - i) UGC sponsored National Level Seminar on 'Acharya Prafulla Chandra Roy: Re-evaluation of life & works on his 150th birth anniversary', organized by Department of Chemistry, Chakdaha College, Chakdaha, Nadia, November 25, 2011.



- ii) UGC-sponsored seminar on 'New look in Chemistry in the perspective of Greener Environment' organized by Department of Chemistry, Acharya Prafulla Chandra College, New Barrackpore, Kolkata held on December 04, 2010.

SRI SUMAN MANDAL

1. Name : **Sri Suman Mandal**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 11.09.2014
5. Date of birth : 12.02.1990
6. Residential address : Muratipur, Charsarati, Kalyani, Nadia, WB, Pin - 741235
7. Highest qualification : M.Sc. (69.25%)
8. Specialisation in post graduation : Inorganic Chemistry
9. Teaching experiences : A. UG Level – From 12.09.2014
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : 'UV-VIS transition of transition metals' in M. Sc. Project
12. Area of current research : Nil
13. Courses attended : B.Ed
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : GATE-2015 and NET-UGC 2015
16. Paper published (in details) : Nil
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years) : Nil

SRI SOURAV KANRAR

1. Name : **Sri Sourav KaNrar**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 15.09.2014
5. Date of birth : 07.07.1989
6. Residential address : B-9/231, Kalyani, Nadia, WB, Pin - 741235
7. Highest qualification : M.Sc.
8. Specialisation in post graduation : Physical Chemistry
9. Teaching experiences : A. UG Level – From 15.09.2014
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : Micell
12. Area of current research : Nil
13. Courses attended : Nil
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : Nil
16. Paper published (in details) : Nil

17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years):

- i. UGC-Sponsored National Seminar on Chemistry for a Better World held in the Department of Chemistry, University of Kalyani on March 29, 2011.



ii. UGC-Sponsored Seminar on Current Trends in Chemistry – VI held in the Department of Chemistry, University of Kalyani on March 02, 2012.

DR. SOVAN KUMAR SINGHA

1. Name : Dr. Sovan Kumar Singha
2. Designation : Guest Lecturer
3. Name of the College : Chakdah College
4. Date of joining : 17.11.2015
5. Date of birth : 21.12.1983
6. Residential address : Vill – Ubidpur, P.O. + P.S. – Khanakul, Dist. - Hooghly, Pin - 712406
7. Highest qualification : M.Sc., Ph.D
8. Specialisation in post graduation : Organic Chemistry
9. Teaching experiences : A. UG Level – From 17.11.2015
B. PG Level – Nil
10. Research experience and trainings : Ph.D course work and B.Ed
11. Research project : Nil
12. Area of current research : Nil
13. Courses attended : Ph.D course work and B.Ed
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : NET-CSIR qualified held on June 2006
16. Paper published (in details):
 - i) Sequential Claisen Rearrangement and Intramolecular Heck Reaction as route to medium-ring Oxacycle-fused Heterocycles.S. K. Chattopadhyay, K. Neogi, **S. K. Singha**, and R. Dey, *Synlett*, 2008, 1137.
 - ii) A new and general route to 2-pyrrolylglycine, 2-pyrrolylalanine and homo-2-pyrrolylalanine derivatives.Sarkar, **S. K. Singha** and S. K. Chattopadhyay, *Tetrahedron: Asymmetry*, 2009, 20, 1719.
 - iii) Efficient Construction of the carbon skeleton of the Novel Polyoxazole-based cyclopeptide IB-01211 via a Biomimetic Macrocyclization.S. K. Chattopadhyay and **S. K. Singha**, *Synlett*, 2010, 555.
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years)
 - i) UGC - Sponsored National Seminar on Current Trends in Chemistry – IV (NSCTC-IV) held in the Department of Chemistry University of Kalyani on February 26, 2010 (Poster presented).
 - ii) 26th Inter University East Zone Youth Festival 2010 as a member of organizing team held on Sept. 21-27, 2010.
 - iii) UGC - Sponsored National Seminar on Current Trends in Chemistry – V (NSCTC-V) held in the Department of Chemistry University of Kalyani on February 25, 2011.
 - iv) UGC-Sponsored National Seminar on Chemistry for a Better World held in the Department of Chemistry, University of Kalyani on March 29, 2011.
 - v) UGC - Sponsored National Seminar on Current Trends in Chemistry – VI (NSCTC-VI) held in the Department of Chemistry University of Kalyani on March 02, 2012.

DR. INDRANIL KUNDU



1. Name : Dr. Indranil Kundu
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 19.11.2015
5. Date of birth : 04.01.1985
6. Residential address : Shyamaprasad Palli, P.O. Ranaghat, Nadia, W.B. 741201
7. Highest qualification : M.Sc., (70.16 %)
8. Specialisation in post graduation : Organic Chemistry
9. Teaching experiences : A. UG Level – From 1 month
B. PG Level – Nil
10. Research experience and trainings : Yes
11. Research project : ‘Synthesis of some coumarin related heterocyclic compounds’ supervised by Prof. K.C. Majumder and Dr. Brindaban Roy
12. Area of current research : Bioactivity of some natural acridone
13. Courses attended : Nil
14. Teachers’ membership of professional bodies, Societies etc. : Nil
15. Any other information : NET 2008, GATE-2008
16. Paper published (in details):
 - i) “Stereodivergent route to four stereoisomeric 3’-acetoxy cyclopentenyl glycine derivatives” **I. Kundu**; R. Maitra, M. Jana, S.K. Chattopadhyay. Synthesis **2012**, 44, 304-310.
 - ii) “Acridone-pterocarpan conjugate: A hybrid molecular probe for recognition of nucleic acids” S.K. Chattopadhyay, R. Maitra, **I. Kundu**, S.K. Mondal, A.R. Khuda-Bukhsh. Eur. J. Org. Chem. **2013**, 8145-8153.
 - iii) “A unified approach to the asymmetric synthesis of higher homologues of (3-quinolyl) alanine” S.K. Chattopadhyay, **I. Kundu**. Synth. Commun. **2014**, 44, 2112-2120.
 - iv) “The coumarin-pterocarpan conjugate—A natural product inspired hybrid molecular probe for DNA recognition” S.K. Chattopadhyay, **I. Kundu**, R. Maitra. Org. Biomol. Chem. **2014**, 12, 8087-8093.
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years): Nil

DR. ABHIJIT BISWAS

1. Name : **Sri Abhijit Biswas**
2. Designation : Guest Lecturer
3. Name of the College : Chakdaha College
4. Date of joining : 19.11.2015
5. Date of birth : 02.04.1984
6. Residential address : Vill – Milannagar, Post – Bagula, P.S. – Hanskhali, Nadia, Pin - 741502
7. Highest qualification : M.Sc., Ph.D.
8. Specialisation in post graduation : Physical Chemistry
9. Teaching experiences : A. UG Level – From .11.2015 to this College and 1 year in Srikrishna College, Bagula
B. PG Level – Nil
10. Research experience and trainings : Nil
11. Research project : Nil
12. Area of current research : Nanomaterials
13. Courses attended : Nil
14. Teachers’ membership of professional : Nil



15. Any other information

: NET-CSIR 2009

16. Paper published (in details):

- i) "Synthesis of gold nanoparticles in niosomes" S. De, R. Kundu, A. Biswas, Journal of Colloid and Interface Science, 386 (2012) 9-15. ISSN: 0021-9797.
- ii) "Control of the size and shape of TiO₂ nanoparticles in restricted media" A. Biswas, A. Corani, A. Kathiravan, Y. Infahsaeng, A. Yartsev, V. Sundstrom, S. De. Nanotechnology, 24 (2013) 195601. ISSN: 0957-4484 (Print), ISSN: 1361-6528 (Online).
- iii) "The synthesis and optical properties of novel triphenylamine containing 1,3,4-oxadiazole derivatives" K. C. Majumdar, P. K. Shyam, A. Biswas, S. De. Journal of Luminescence, 143 (2013) 321-327. ISSN: 0022-2313.
- v) "Catalytic and photocatalytic behavior of TiO₂ based nanoparticles – their use in the synthesis of a novel TICT probe" A. Biswas, R. P. Mandal, S. Dutta, N. Nandi, S. De. Materials Research Express 2 (2015) 065011.
- vi) "Novel synthesis of biologically active CdS nanoclusters in cell-mimicking vesicles" Abhijit Biswas, Sarita Sarkar, Kakali Bhadra, Swati De. Journal of Experimental Nanoscience, 2015. ISSN: 1745-8080 (Print), 1745-8099 (Online).

17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years):

- i) "Synthesis and Spectral Studies of Stabilizer – Capped TiO₂ Nanoparticles" Abhijit Biswas, Swati De. International Conference on Fundamental And Applications of Nanoscience & Technology. (ICFANT – 2010). Organized by School of Materials Science & Nanotechnology, Jadavpur University. Held at Jadavpur University campus from 9th to 11th December, 2010.
- ii) National Seminar on Chemistry for a Better World held on 29th march, 2011, organized by the Department of Chemistry, University of Kalyani.
- iii) "Synthesis of Gold Nanoparticles in Niosomes" Abhijit Biswas, Rikta Kundu and Swati De. National Conference on Sustainable Development through Innovative Research in Science & Technology, Organized by Jadavpur University on September 28 and 29, 2012 under DST PURSE Programme.
- iv) "Preparation and application of Au/TiO₂ bimetallic nanoparticles" Abhijit Biswas and Swati De. National Workshop on Application of Radiation in Physical, Chemical and Life Science, organized by UGC – DAE Consortium for Scientific Research, Kolkata Center and Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, held on 4th – 6th September, 2013.
- vi) "Biocompatible TiO₂ Nanoparticles – Synthesis, Characterization and Photo-catalytic Activity" Abhijit Biswas and Swati De. National Conference on Photoscience: Contemporary Challenges and Future Perspective, organized by Indian Photobiology society in collaboration with Department of Chemistry, Jadavpur University, Kolkata – 700032, held on December 12 – 14, 2013.

SRI TAPAN GHOSH

- | | |
|--|--|
| 1. Name | : Sri Tapan Ghosh |
| 2. Designation | : Guest Lecturer |
| 3. Name of the College | : Chakdah College |
| 4. Date of joining | : 19.11.2015 |
| 5. Date of birth | : 22.01.1992 |
| 6. Residential address | : Vill+Post – Bhanderkhola, P.S. –
Kotwali, Nadia, Pin - 741103 |
| 7. Highest qualification | : M.Sc. |
| 8. Specialisation in post graduation | : Physical Chemistry |
| 9. Teaching experiences | : A. UG Level – From 19.11.2015
B. PG Level – Nil |
| 10. Research experience and trainings | : Nil |



11. Research project : 'UV-VIS transition of transition metals' in M. Sc. Project
12. Area of current research : 6 months M.Sc. project work
13. Courses attended : Copper doped grapheme oxide preparation and its application
14. Teachers' membership of professional bodies, Societies etc. : Nil
15. Any other information : Nil
16. Paper published (in details) : Nil
17. Seminar, Conferences, Symposia, Workshop etc. Attended (last five years) : Nil



DEPARTMENT OF BOTANY

- 1 Name of the department : **BOTANY**
- 2 Year of Establishment Gen/Hons : **General: 1993**
Hons.: 2007
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Chemistr & Zoology**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinues (if any) with reason : **N/A**
- 9 Number of teaching posts : **03(three)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	02	01	Nil	01		Nil	01	Nil

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
Dr. Anjan Sengupta	Ph.D.	Associate Professor		17	Nil	Nil
Dr. Nabanita Chattopadhyay	Ph.D.	Part Time Lecturer		17	Nil	Nil
Prof. Soura Tapas Dey	M.Sc.	Guest Lecturer		06	Nil	Nil
Prof. Partha Saha	M.Sc.	Guest Lecturer		03	Nil	Nil
Prof. Adrita Banerjee	M.Sc.	Guest Lecturer		03	Nil	Nil
Prof. Benoy Kr Ghosh	Ph.D.	Guest Lecturer		03	Nil	Nil
Prof. Lipika Saha	M.Sc.	Guest Lecturer		02	Nil	Nil

11. List of senior visiting faculty: Nil

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

Day Section	:	
B. Sc. (Gen)	:	95%
B. Sc. (Hons)	:	59%

13. Student -Teacher Ratio (programme wise): B.Sc. (Honours) – 10:1

B.Sc. (General) – 15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.: Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: National: 02

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil



19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international) :
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited :
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comted	Other
Dr. Anjan Sengupta	-	19	Nil	Nil	Nil	Nil	Nil
Dr. Nabanita Chattopadhyay	-	07	Nil	Nil	Nil	Nil	Nil
Prof. Soura Tapas Dey	-	02	Nil	Nil	Nil	Nil	Nil
Prof. Benoy Kr Ghosh	-	10	Nil	Nil	Nil	Nil	Nil
Prof. Lipika Saha	-	01	Nil	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated: Nil**21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: N/A****22. Student projects: Nil****23. Awards/ Recognitions received by faculty and students: Nil****24. List of eminent academicians and scientists/ visitors to the department: Nil****25. Seminars/ Conferences/Workshops organized & the source of funding a) National; b) International: 01 State Level Seminar, sponsored by UGC****26. Student profile programme/course wise:**

Year	Number of students admitted			Number of students appeared in final year examination			Number of students passed in final year examination			Success Rate (%)			Number of students secured first class			Drop out rate Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
2012	12	10	22	2	6	8	2	5	7	100	83.4	87.5	02	02	04	64
2013	12	10	22	2	6	8	2	6	8	100	100	100	01	03	04	64
2014	11	12	23	4	6	10	4	5	9	100	43	90	02	02	04	57
2015	11	17	28	07	09	16	07	05	12	100	56	75	04	04	08	43

27. Diversity of Students

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.Sc. (Hons)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl. No.	Name	Passed SET/NET/SSC	Working as	Institution/Department
1	Sarobi Das	GATE	M.Tech student	IIT Kgp
2	Ananya Roychoudhuri	SET	Ph.D. Scholar	Dept. of Botany, KU

29. Student progression

Student progression	Against % enrolled
UG to PG	60-65%
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed	A large number of students



Campus selection	have been engaged in College and School teaching.
Other than campus recruitment	
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library which is quite rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

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

Nil

33. Teaching methods adopted to improve student learning:

Traditional Lecture Method

Remedial classes to weaker section of the students

Special Classes for Hons Students after Test Examinations

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

Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members, well equipped smart classrooms, intelligent and hard working students are the strengths of the department.
- **Weakness:** Shortage of faculty and poor Departmental Library. Space problem and inadequate infrastructure.
- **Opportunities:** Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, RBU, etc.) for M.Sc. Degrees. A large number have been working as Assistant Professors in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors. A few also have joined in Electronic Media and Mass Communication.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.

Future Plans:

- To increase the inventory of Herbarium specimens, Museum specimens etc.
- Purchase more books for departmental library.
- Encourage more frequent visits to Research institutes, Industries (Biotechnological, Tissue culture, Bio-fertilizer, food purchasing for students.
- Power point presentation in Class Room.
- SOP for Laboratories
- To make a herbal garden.

DR. ANJAN SENGUPTA

LIST OF PUBLICATION

1. D. Mondal, B. M. Panja, A. Sengupta, J. Saha, and S. Chaudhuri (2007). Arbuscular mycorrhizal status of plants grown on Kolkata municipal waste and sewage amendment agricultural soil. *Journal of Inter Academicia*. 11 (4): 432-439.
2. A. Sengupta, B. Panja and S. Chaudhuri (2007). Interspecies variation in mycorrhizal efficiency of AM Fungus species isolates with respect to three different hosts in three different soils. *Mycorrhiza News*. Vol. (19): 20-21.
3. Pradosh Roy, Anjan Sengupta, Ranadhir Chakraborty, Chandrajit Lahiri and Wriddhiman Ghosh (2002). Chemotaxis of *Acidothiobacillus ferrooxidans* vis-à-vis Mineral-Microbe Interaction. *Mineral Biotechnology*. (In proceedings of the National seminar on Mineral Biotechnology, RRL, Bhubaneswar, Eds. L.B. Sukla and V.N. Misra). Allied Publishers Pvt. Ltd., New Delhi, pp. 43-57.
4. A. Sengupta, and S. Chaudhuri (2002). Arbuscular mycorrhizal relations of Mangrove plant community at the Ganges river estuary in India. *Mycorrhiza*. 12: 169-174.
5. P.M. Bhattacharjee, R.K. Saha, A. Sengupta, J. Saha, T.K. Ghosh and S. Chaudhuri (2002). Use of fly ash in agriculture. The context of heavy metals accumulation in plant biomass, *Journal of CAII*.



6. P.M. Bhattacharjee, R. Saha, A. Goswami, B. Pradhan, A. Sengupta, J. Saha, and S. Chaudhuri (2001). Plant and Microbial Ecology of Coal Ash Ponds in Relation to ash recycling in Agriculture (in proceedings of the National Seminar on Utilization of fly ash in agriculture and for value-added products at Central Fuel Research Institute, Dhanbad: Eds. L. C. Ram, R. C. Tripathi, S. K. Jha, N. K. Srivastava and Gulab Singh) pp. 52-60.
7. Anjan Sengupta and Subhendu Chaudhuri (1995). Effect of dual inoculation of *Rhizobium* and Mycorrhiza on growth response of *Sesbania grandiflora* L. in coastal saline sand dune soil. Indian Journal of Forestry. 18 (1): 35-37.
8. Anjan Sengupta and Subhendu Chaudhuri (1995). Ecology of Microfungi in Mangrove sediments at the Ganges river Estuary in India. The Indian Forester. 121(9): 807-812.
9. Anjan Sengupta and Subhendu Chaudhuri (1994). Atypical root entophytic fungi of mangrove plant community of Sunderban and their possible significance as mycorrhiza. Journal of Mycopathological Research. 32 (1): 29-39.
10. Anjan Sengupta and Subhendu Chaudhuri (1993). Studies on the physico chemical properties of soil of the eco-successional stages of mangrove sediments in the Sunderban. Indian Journal of Forestry. 16930: 250-254.
11. Anjan Sengupta and Subhendu Chaudhuri (1992). Investigation of soil water salinity of Sunderban by hydrological and physico chemical analysis. Indian Journal of Ecology. 19(1): 89-93.
12. K. Banerjee and A. Sengupta (1992). Nitrogen fixation by Bacterial-Algal association in some fresh water environments of West Bengal (India). Indian Journal of Microbiology. 32(4): 470-484.
13. Anjan Sengupta and Subhendu Chaudhuri (1991). Ecology of heterotrophic dinitrogen fixation in the rhizosphere of mangrove plant community at the Ganges river estuary in India. Oecologia. 87: 560-564.
14. Anjan Sengupta and Subhendu Chaudhuri (1991). Association of nitrogen fixing bacteria with leaves of *Avicennia officinalis* L.-A tidal mangrove tree of Sunderban. Indian Journal of Microbiology. 31(3): 321-322.
15. Subhendu Chaudhuri and Anjan Sengupta (1991). Ecology of phosphate solubilising microorganisms in mangrove sediments of Sunderban. In National Seminar on Conservation and Management of Mangrove Ecosystems with special reference to Sunderbans (Dec. 6-8, 1991). Organized by B.C.K.V. and Sunderban Biosphere Reserve.
16. Anjan Sengupta and Subhendu Chaudhuri (1991). Vesicular arbuscular Mycorrhiza (VAM) in Pioneer salt marsh plants of the Ganges river delta in West Bengal (India). Plant and Soil. 122: 111-113.
17. Anjan Sengupta and Subhendu Chaudhuri (1990). Halotolerant *Rhizobium* strains from mangroves swamps of the Ganges river delta. Indian Journal of Microbiology. 30(4): 483-484.
18. Anjan Sengupta and Subhendu Chaudhuri (1990). Mycorrhizal relations of sussionsional stages of mangrove vegetation at the Ganges river Estuary in India. Current Trends in Mycorrhizal Research (In proceedings of the National Conference on Mycorrhiza at HAU, Haryana. Eds. B.L. Jalali and H. Chand.) pp. 7-9.
19. Anjan Sengupta and Subhendu Chaudhuri (1989). Occurrence of Vesicular Arbuscular mycorrhiza in *Suaeda maritima* (L) Dumort – A pioneer mangrove of the Chenopodiaceae. Current Science. 58 (24): 1372.
20. Anjan Sengupta and Subhendu Chaudhuri (1989). Self purification of untreated metropolitan waste water of Calcutta under saline ecosystem. Indian Journal of Ecology. 16(1): 180-182.
21. Anjan Sengupta and Subhendu Chaudhuri (1989). Do septet endophytes also have a mycorrhizal function for plants under stress? Mycorrhiza for Green Asia (Proceedings of the First Asian Conference on Mycorrhizae, Eds. A. Mahadevan, N. Raman and K. Natarajan). CAS in Botany. pp. 169-174.

Other Academic Performances:

- Dr. Anjan Sengupta acted as an examiner of a Ph.D thesis of a student of Goa University (Deptt of Botany)
- Dr. Anjan Sengupta guided two students for M.Sc projects (Environmental Science) of Vidyasagar University.
- Dr. Anjan Sengupta also acted as an external examiner of a M.Sc (Ag.) project work of one student of the Department of Plant Physiology of BCKV, Kalyani, Nadia.



- Dr. Anjan Sengupta is presently pursuing Research work on lithophyte rhizosphere and cave microbiology (without any funding).
- Dr. Anjan Sengupta was a member of the Board of Studies in Botany of University of Kalyani.
- Presently he is a member of IQAC of this college and convenor of Library Sub Committee.
- Dr. Anjan Sengupta completed a MRP (funded by UGC)
- Dr. Anjan Sengupta is an assessor of HACCP (Hazard Analysis and Critical Control Point) of sea foods and completed a course organized by Societe Generale de Surveillance, Geneva and National Fisheries Institute, USA.
- Dr. Anjan Sengupta Completed a course on General Management Programme for Executives from Administrative Staff College of India, Bella vista, Hyderabad.

Seminar/Workshop/Conference:

1. Science Academics Refresher Course in Experimental Biology, 19th – 31st December 2012, IISER, Kolkata.
2. 3rd International Conference on Sediment Management, AEACI (Assocn of Environmental Analytical Chemistry of India), Alibaug, Maharastra, 20th-23rd March 2012.
3. UGC Sponsored State Level Seminar on :Diabeties : A Silent Killer, Department of Zoology, Chakdaha College, 2nd March 2012.
4. UGC Sponsored National Level Seminar on :Green Energy vis a viz Corbon-rich power generation : A Challenge ahead, Department of Physics, Chakdaha College & Ranaghat College, 10th January 2012.
5. UGC Sponsored National Level Seminar on AcharyaPrafulla Chandra Roy : Re Evaluation of life and works on his 150th Birth anniversary, Department of Chemistry, Chakdaha College in collaboration with S. S. College of Education, 25th November 2011.
6. One day workshio on UG Syllabus in Botany – its present limitations and up gradation, Department of Botany, University of Kalyani, 17th November 2011.
7. UGC Sponsored National Level Seminar on Human Right and the Indian State, Department of Pol.Sc, Chakdaha College & NSOU, 20th& 21st December 2011.
8. UGC Sponsored State Level Seminar on Combating the threat of Climate change : Redemption for humanity, Department of Botany, Zoology, Chemistry, Physics, Mathematics and Economics, Chakdaha College, 3rd& 4th September 2010.
9. UGC Sponsored State Level Seminar on Evil and its ramifications in Shakespeare Macbeth and other plays, Department of English, Chakdaha College, 6th August 2010.

DR. NABANITA CHATTOPADHYAY

Seminar/Workshop/Conference:

1. National Level Seminar on Interdisciplinary Approaches in Science Humanities and Culture, Kalyani University, Research Scholars Association, 28th-29th March 2014.
2. Workshop in Intellectual Property Rights on Recent Development inScience and Technology and Social Implicaion, Patent Information Centre, West Bengal State Council of Science & Technology (WBSCST) and Dept of Microbiology Kalyani University, 7th September 2012.
3. National Conference on Biology and informatics of Economically important plants and Microbes, Dept of Botany, University of Kalyani and Bioinformatics Facility, University of North Bengal, 17th – 19th February 2012.

MS. ADRITA BANERJEE

Seminar/Workshop/Conference:

1. National Level Seminar on Interdisciplinary Approaches in Science Humanities and Culture, Kalyani University, Research Scholars Association, 28th-29th March 2014.
2. National Level Seminar on Plant Sciences in the Genemicera, Dept of Botany, University of Kalyani, 5th march 2014.
3. ISA AWARD LECTURES & PANEL DISCUSSION ON “Biomilecular Research and Informations, Presidency College, Kolkata, 27th February 2012.
4. UGC Sponsored National Level Seminar on Plant Science Reserch in Human Welfare, Bidhangar Govt College, Kolkata, 11-12th January 2012.



5. CNE cum workshop in stem cell Therapy and Research, NCRI, Kolkata, 27-28th December 2011.

SRI PARTHA SAHA

Seminar/Workshop/Conference:

1. Annual Conference of Indian Association of Angiosperm Taxonomy (IAAT) and “International Seminar on Multidisciplinary approach in Angiosperm Systematics, Dept of Botany, University of Kalyani, 11-13th October 2008.

SRI BENOY KUMAR GHOSH

Seminar/Workshop/Conference:

1. National Symposium on Plant Cytogenetics, New Approaches, Dept of Botany, University of Kalyani, 23-24th February 2012.
2. UGC Sponsored National Seminar on Essence of Medicinal Plants its cultivation, Conservation & Sustainable exploitation, Vivekananda Mahavidyala, Hoogly, 9th December
3. XVIII Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) and International seminar on multidisciplinary approaches in Angiosperm systematics, Dept of Botany, University of Kalyani, 11-13th October 2008.

MS. LIPIKA SAHA

Seminar/Workshop/Conference:

1. Excitement in Taxonomy and Ethnobotany of Young Researchers, Botanical Survey of India, Kolkata, 19th June 2014.
2. Annual Conference of Indian Association of Angiosperm Taxonomy and National Seminar on “Recent Advance in Plant Taxonomy Research, RTM, Nagpur University, Nagpur, 27-29th December 2013.
3. State Level Capacity Building Workshop on Economic Valuation of Bio resource for Access and Benefit Sharing (ABS), West Bengal Bidiversity Board, Kolkata, 26-27th November 2013.
4. Capacity Building Training Course in Plant Taxonomy, ENVIS Centre of Floral Diversity, Ministry of Environment & Forest Botanical Survey of India, 21-22nd April 2012.

DEPARTMENT OF ZOOLOGY

- 1 Name of the department : **ZOOLOGY**
- 2 Year of Establishment Gen/Hons : **General: 1993**
Hons.: 2000
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	02	02	Nil	Nil				

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

Name	Qualification	Designation	Specialization	No. Of Years of Experience		No. Of Ph.D students guided for the last 4years
				UG	PG	
Dr. Ajoy Paul	M.Sc., Ph.D	Associate Professor	Cell Biology	34	X	Nil
Dr. Shubhatoosh Biswas	M.Sc., Ph.D	Associate Professor	Fish & Fisheries	18	X	Nil
Dr. Manashi Debnath	M.Sc., Ph.D.	Guest Lecturer	Entomology	04	X	Nil
Smt. Mampi Dutta	M.Sc.	Guest Lecturer		02	X	Nil
Ritu Roy	M.Sc.	Guest Lecturer		02	X	Nil
Sumedha Roy	M.Sc.	Guest Lecturer		02	X	Nil
Debabrata Pramanik	M.Sc.	Guest Lecturer		11	X	Nil

11. List of senior visiting faculty: Nil

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

Day Section	:	
B.Sc. (Gen)	:	80%
B.Sc. (Hons)	:	50%

13. Student –Teacher Ratio (programme wise):

B.Sc. (Gen)	:	20:1
B.Sc. (Hons)	:	22:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **02**

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.:

Please see the Table given in the point no.10



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: National: 1. Dr. Subhatosh Biswas – UGC sponsored MRP in 2011 & W.B. Biodiversity Board sponsored project in 2010

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. And total grants received: 01

18. Research Centre /facility recognized by the University: Nil

19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books:
- Books Edited:
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. Volume	Apted	Comped	Other
Dr. Ajoy Paul	07	11	Nil	10	01 (in Press)	Nil	Nil
Dr. Shubhatosh Biswas	Nil	08	Nil	Nil	Nil	Nil	Nil

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: 1. Dr. Ajoy Paul, Fellow Member of International Society of Biotechnology, Indore; 2. International Congress of Chemistry and Environment, Indore & 3. Fellow member of Zoological Society of Eastern India, Burdwan.

22. Student projects: Nil

23. Awards/ Recognitions received by faculty and students: Does not arise

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

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

a) National; b) International: One State Level Seminar; Source of Funding: UGC in 2012

26. Student profile programme/course wise:

Year	Number of students admitted			Number of students appeared in final year examination			Number of students passed in final year examination			Success Rate (%)			Number of students secured first class			Drop out rate (Total)
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
2015	12	20	32	6	16	22	6	14	20	100	88	98	05	13	18	31
2014	12	14	26	9	7	16	9	6	15	100	86	94	08	05	13	38
2013	11	15	26	6	7	13	6	7	13	100	100	100	02	06	08	50
2012	09	13	22	1	11	12	1	8	09	100	73	75	01	04	05	45

29. Diversity of Students

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.Sc. (Hons)	100	--	--

30. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl. No.	Name	Passed SET/NET/SSC	Working as	Institution/Department
1	Dr. Prosenjit Ghosh	SET, NET & GATE	Asso. Prof.	Kaliganj Govt. College
2	Bratali Das	NET & SET	Teacher	H.S. School
3	Abhishu Guha	IISER	R.S.	IISER
4	Avijit Bakshi	SET & SSC	Teacher	H.S. School
5	Puspendu Roy	SET & SSC	Teacher	H.S. School



6	Sanchari Bhattacharya	GATE	R.S.	K.U.
7	Tanmoy Sanyal	SSC	Teacher	H.S.School
8.	Tuli Das	SSC	Teacher	-
9.	Jayeta Banerjee	SSC	-	-
10.	Pallabi Saha	SSC	-	-
11.	Dipannita Hazra	SSC	-	-
12.	Sulagna Paul	SSC	-	-
13.	Baisakhi dutta	SSC	-	-
14.	Atanu Roy	SSC	-	-
15.	Kousik Sen	SSC	-	-
16	Sandip Murmu		IISER	

29. Student progression

Student progression	Against % enrolled
UG to PG	.....
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	Do
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching, Pharma Company, Railways etc.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library with some collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

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

Nil

33. Teaching methods adopted to improve student learning:

- Traditional Lecture Method
 - Use of ICT
 - Smart Classroom
- Besides this the following two practices are adopted:*
- Remedial classes to weaker section of the students
 - Special Classes for Hons Students after Test Examinations

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

Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty members, well equipped smart classrooms, intelligent and hard working students are the strengths of the department.
- **Weakness:** Shortage of faculty and Departmental Library requires more books. Space problem and inadequate infrastructure. General trends of sitting for the SSC exam to grasp a school teaching service, a common phenomenon prevailing amongst students in most of the academic arena like ours. Such a massive inclination towards a particular destination from amongst the students community might entail a serious setback in accomplishing quality research or being suitable college teachers in the coming future.
- **Opportunities:** Opportunities for higher studies and majority students join different universities and institutes (KU, JU, CU, etc.) for M.Sc. Degrees. A large number have been working as Assistant Professors in various Colleges, some are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.



Future Plans:

We believe that our department has a quite ambient environment to interact with the society to meet up the burning issues pertaining to biodiversity loss, health hazards, snake bite problem etc. by way of organizing some awareness programmes, but the problem that we are envisaging to implement all these positive vistas is that our department falls short of some full time teachers. Presently two full-time and four guest teachers have to take 80 classes a week. Truly speaking, because of temporary stay/instability of guest teachers particularly in the midst of peak season, the classes greatly suffer. Though our laboratory status to satisfactorily run the practical classes stands as a sound one, the absence of requisite no of teaching and non teaching staff makes a stumbling block in its smooth functioning, which requires immediate attention from the concerned teacher-recruitment authority.

INDIVIDUAL PROFILE

DR. AJOY PAUL

List of Publications:

1. Clastogenic effect of the extract of *Anisomeles heyneana* on the spermatocytic chromosomes of the grasshopper *Spathosternum prasiniferum* Walker, "Environment and Ecology" 1993, 11(1): 165-169. (ISSN: 0970-0420).
2. Clastogenic effect of Ascorbic acid on the male meiotic chromosomes of *Spathosternum prasiniferum* Walker, *Proceedings of the National Academy of Sciences*, India, Allahabad, 1994, 64(B) IV:361-365.
3. Effect of leaf extract of *Tagetes patula* on the spermatocytic chromosomes of grasshopper *Spathosternum prasiniferum*, *Bionotes*, 1999 Vol 1(3) Sept. Page No:57(ISSN:0972-1800).
4. Clastogenic effect of rhizome extract of *Curcuma longa* on the spermatocytic chromosomes of *Spathosternum prasiniferum*, *Bionotes*, 2000 Vol 2(1) March Page No:7-8. (ISSN:0972-1800).
5. Clastogenic effects of Cupferron on male meiotic chromosomes of *Spathosternum prasiniferum* Walker, *Perspectives in Cytology and Genetics*, 2001, 10:469-472.
6. Anti-diabetic effect of *Catharanthus roseus* leaf extract on type 1 diabetes, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012, Dept. of Zoology, Chakdaha College, W.B., India, pp 61-63. (ISBN: 81-87134-50-X)
7. Genetics of type 1 diabetes, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012, Dept. of Zoology, Chakdaha College, W.B., India, pp 45-51. (ISBN: 81-87134-50-X)
8. Diabetic Retinopathy, a long-term complication of Diabetes Mellitus and use of anti-sense oligonucleotide in it's treatment, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012, Dept. of Zoology, Chakdaha College, W.B., India, pp 65-70. (ISBN: 81-87134-50-X)
9. The effect of Trivalent Arsenicals on GLUT-4 translocation in murine 3T3-L1 adipocyte, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012, Dept. of Zoology, Chakdaha College, W.B., India, pp 79-84. (ISBN: 81-87134-50-X)
10. Genetics of type 2 diabetes, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012, Dept. of Zoology, Chakdaha College, W.B., India, pp 53-59. (ISBN: 81-87134-50-X)
11. Application of Microorganisms to Reduce and Combat Against Global Warming for the Continuity of Life on the Earth, *Impact of Environmental Education on Daily Life* 17th October 2013, Simurali Sachinandan College of Education, Simurali West Bengal, India, pp.58-61. (ISBN: 978-81-922902-6-3)

Books Published:

1. Paribesh Vidya for Calcutta University, Books and Allied (P) Limited, 2000, (ISBN: 81-87134-97-6).
2. Paribesh Vidya for Kalyani University, Books and Allied (P) Limited, 2000, (ISBN: 81-87134-96-8)



3. Paribesh Vidya for Tripura University, Books and Allied (P) Limited, 2002, (ISBN: 81-87134-97-6)
4. Paribesh Vidya for North Bengal Univ., Books and Allied (P) Limited, 2002, (ISBN: 81-87134-97-6)
5. Paribesh Vidya for Burdwan University, Books and Allied (P) Limited, 2000, (ISBN: 81-87134-45-3)
6. Text Book of Cell and Molecular Biology, Books and Allied (P) Limited, 2007, (ISBN:81-87134-74-7)
7. Textbook of Genetics: from Genes to Genomes, Books and Allied (P) Limited, 2011, (ISBN:81-87134-53-4)
8. Textbook of Immunology Including Immunotechnology & Immunotherapy, Books and Allied (P) Limited (in press).

Paper Presentation:

1. Clastogenic effect of saccharin on the male meiotic chromosomes of *Spathosternum prasiniferum* Walker, Proc. Of 79th Session of The Indian Science Congress, Baroda, 1992.
2. Clastogenic effect of ethylene glycol on the male meiotic chromosomes of *Spathosternum prasiniferum* Walker, Proc. of 80th Session of the Indian Science Congress, Goa, 1993
3. Clastogenic effect of Cupferron on male meiotic chromosomes of *Spathosternum prasiniferum* Walker, Proc. of 81st Session of The Indian Science Congress, Jaipur, 1994.
4. Clstogenic effect of Ethanol on grasshopper spermatocytic chromosomes, 81st Session of The Indian Science Congress, Jaipur, 1994.
5. The Cytological effect of 0.5% Vitamin-C on the spermatocytic chromosomes of grasshopper *Spathosternum prasiniferum* Walker, Proc. of 82nd Session of Indian Science Congress, Calcutta, 1995.
6. Dose dependent clastogenic effect of Saccharin on meiotic chromosomes of *Spathosternum prasiniferum* Walker, Proc. of 84th Session of The Indian Science Congress, Delhi, 1997.
7. Clastogenic effect with varying concentration of Ethylene glycol on the male meiotic chromosomes of *Spathosternum prasiniferum* Walker, Proc. of 85th Session of The Indian Science Congress, Hyderabad, 1998.
8. Clastogenic effect with varying concentration of Cupferron on the male meiotic chrosomes of *Spathosternum prasiniferum* Walker, Proc. of 87th Session of The Indian Science Congress, Pune, 2000.
9. Cytological effect of the leaf extract of marigold *Tagetes patula* on the spermatocytic chromosomes of *Spathosternum prasiniferum*, Proc. of 88th Session of The Indian Science Congress ,New Delhi,2001.
10. Aberration effect of Turmeric-rhizome extract on the spermatocytic chromosomes of *Spathosternum prasiniferum* Walker, Proc. of 89th Session of The Indian Science Congress, Lucknow, 2002.

Resource Person:

Key Notes to **Diabetes: A Silent Killer**, *Proceedings of the UGC Sponsored State Level Seminar on Diabetes : A Silent Killer*, 2nd March 2012.

Course Attended:

The 7th Refresher Course in Zoology, sponsored by UGC at Academic Staff College, University of Burdwan, from 12th Feb. to 4th March, 1993.

Fellow Member:

- International Society of Biotechnology, Indore, India
- International Congress of Chemistry and Environment, Indore, India
- Zoological Society of Eastern India, Burdwan, India

DR. SHUBHATOSH BISWAS

- | | |
|--------------------|----------------------------------|
| 1. Name | : Dr. Shubhatosh Biswas |
| 2. Designation | : Associate Professor in Zoology |
| 3. Date of joining | : 13 November, 1997 |



4. **Date of birth** : 18 February, 1960
5. **Highest qualification** : Ph.D. 1992 from K.U.
6. **Specialisation in post graduation** : Fish and Fisheries
7. **Teaching experiences** : 17 ears at UG level

8. **Title of Ph.D. thesis:** Mutagenic Potential of Four Species of Bacteria tested on Some Experimental Fish.

9. **Research project completed:** UGC sponsored Minor Research Project, entitled “Study of Biodiversity of Snakes and their Conservation in Nadia Dist. of West Bengal” in 2011 **and** W.B. Biodiversity Board sponsored project, entitled “Documentation of Biodiversity of 7 Villages of Tatla Panchayat II of Chakdaha Panchayat Samity” in 2010.

10. No. of publ. res. papers : 07

List of Publications

1. G.K. Manna, and S. Biswas, (1986). Micronucleus test (MNT) in four species of fishes treated with the bacterium, *Pseudomonas aeruginosa*. Nat. Acad. Sci. Lett. Vol. 9 (6):189-191.
2. S. Biswas, and G.K. Manna, (1989). The mutagenic potentiality of *Pseudomonas aeruginosa*, tested on climbing perch, *Anabas testudineus*. In: Perspectives in Cytology and Genetics. Vol. 6: 573-578.
3. G.K. Manna, and S. Biswas, (1989). Induction of abnormal sperm head morphology in tilapia fish as a means of testing genotoxic potentiality of the bacterium, *Pseudomonas aeruginosa*. La kromosomo II. Vol. 51-52 : 1659-1664.
4. S. Biswas, and G.K. Manna, (1991). The “Hay-Bacillus”, *Bacillus subtilis* as genotoxic agent in treated fresh water tilapia. In: Perspectives in Cytology and Genetics. Vol. 7: 945-952.
5. G.K. Manna, and S. Biswas, (1992). Cytogenetic assays of the mutagenic potential of the bacterium, *Pseudomonas aeruginosa* in five species of experimentally treated fish. Cytologia. Vol. 57 : 427-436.
6. G.K. Manna, and S. Biswas, (1992). The mutagenic potential of the bacterium, *Bacillus subtilis* in experimentally treated five species of fresh water fish. La kromosomo II. Vol. 66 : 2217-2228.
7. G.K. Manna, and S. Biswas, (1992). The bacterium, *Staphylococcus aureus* as genotoxic agent in experimentally treated five species of fresh water teleosts. . La kromosomo II. Vol. 67-68 : 2286-2297.



DEPARTMENT OF MATHEMATICS

- 1 Name of the department : **Mathematics**
- 2 Year of Establishment Gen/Hons : **1981/2000**
- 3 Name of Course : **UG**
- 4 Name of interdisciplinary course and the department/units involved : **Nil**
- 5 **Annual** based credit system. :
- 6 Participation of the Department in the courses offered by other Department : **Commerce & Botany**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinued (if any) with reason : **N/A**
- 9 Number of teaching posts : **2(two)**

	Sanctioned by State Govt.	Filled/ Recruited		Yet to recruit	Sanctioned by the Management	Filled/ Recruited		Yet to recruit
		M	F			M	F	
Professor	Nil	X	X	X				
Associate Professor	Nil	X	X	X				
Assistant Professor	02	02	X	X				

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D students guided for the last 4years
				UG	PG	
Dr. Sadasiv Chakrabarti	Ph. D.	Associate Professor	Pure Mathematics	30	05	01
Dr. Sahanous Mallick	Ph.D.	Assistant Professor	Pure Mathematics	01	X	X
Sri Biswarup Chatterjee	M.Sc.	Guest Lecturer	Pure Mathematics	13	X	X
Smt. Sampa Sen	M.Sc.	Guest Lecturer	Pure Mathematics	05	X	X
Smt. Kamalika Das	M.Sc.	Guest Lecturer	Applied Mathematics	03	X	X
Smt. Nabanita Mitra	M.Sc.	Guest Lecturer	Applied Mathematics	05	X	X
Smt. Sangita Sarkar	M.Sc.	Guest Lecturer	Pure Mathematics	02	X	X
Sri Sukhen Kr. Kundu	M.Sc.	Guest Lecturer	Pure Mathematics	02	X	X
Sri Goutam Biswas	M.Sc.	Guest Lecturer	Applied Mathematics	02	X	X

11. List of senior visiting faculty: Nil

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

- Day Section :
 B.Sc. (Gen) : **65 %**
 B.Sc. (Hons) : **40%**

13. Student -Teacher Ratio (program wise): B.Sc. (Honours) – 20:1,
 B.Sc. (General) –40:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./Ph.D./M.Phil./PG.: Please see the Table given in the point no.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil



19. Publications:

- Publication per faculty:
- Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs :
- Chapter in Books:
- Books Edited :
- Books with ISBN/ISSN numbers with details of publishers:
- Citation Index: Citation Range:

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comped	Other
Dr. Sadasiv Chakrabarti	Nil	15	Nil	Nil	Nil	Nil	N/A
Dr. Sahanous Mallick	Nil	11	Nil	Nil	04	06	N/A

20. Areas of consultancy and income generated: Nil**21. Faculty as members in a) National committees b) International Committees c) Editorial Boards:**

- Dr. Sadasiv Chakrabarti: Life member of Calcutta Mathematical Society
- Dr. Sahanous Mallick: Member of Calcutta Mathematical Society

22. Student projects: No Research Students as such in the Institution as it is an undergraduate Institution.**23. Awards/ Recognitions received by faculty and students:**

Dr. Sadasiv Chakraborty awarded Ph.D. in Pure Mathematics from University of Kalyani in 1986.

Dr. Sahanous Mallick awarded Ph.D. in Pure Mathematics from University of Calcutta in 2014.

24. List of eminent academicians and scientists/ visitors to the department: Nil**25. Seminars/ Conferences/Workshops organized & the source of funding a) National; b) International: Nil****26. Student profile programme/course wise:**

Year	No. of Students Admitted* (3 years back)			Appeared for final Examination			Passed in final Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	19	05	24	06	04	10	02	03	05	33	75	54	03	58
2013	25	08	33	15	04	19	08	02	10	53	50	52	03	42
2014	22	07	29	11	03	14	11	02	13	100	67	84	04	52
2015	15	14	29	15	12	27	15	11	26	100	92	96	08	07

27. Diversity of Students

Name of the Course	% of Students from the same State	% of students from other States	% of the students from abroad
B.Sc. (Hons)	100	--	--

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? Total: 08

Sl. No.	Name	Passed SET/NET/SSC	Working as	Institution/Department
1	Arkojyoti Biswas	NET	Teacher	Not known
2	Amit Sarkar	NET	Teacher	Not known
3	Ranjan Saha	SET	Teacher	Not known
4	Biswamay Pal	NET, GATE	Ph.D. Scholar	Not known
5	Bapi Dutta	NET, GATE	Ph.D. Scholar	IIT, Patna
6	Nikunja Modak	NET	Ph.D. Scholar	Not known
7	Debashis Biswas	NET	Asstt. Prof.	Not known
8	Saheb Dalapati	GATE	P.G. Student	Not known



29. Student progression

Student progression	Against % enrolled
UG to PG	41
PG to M.Phil.	No data available
PG to Ph.D.	Do
Ph.D. to Post-Doctoral	02 Students awarded Ph.D.
Employed Campus selection Other than campus recruitment	A large number of students have been engaged in College and School teaching, rank in WBCS.
Entrepreneurship/Self-employment	No data available

30. Details of Infrastructural facilities

Library: The department has its own library which is not very rich in collection of books.

Internet: facilities for Staff & Students centrally in Central Library

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

All the students belonging to SC/ST/ receive scholarships from Govt.

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

No

33. Teaching methods adopted to improve student learning:

- Traditional Lecture Method, Practical classes with the help of computer
- Remedial classes for weaker section of the students
- Special Classes for Hons. Students after Test Examinations

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

Through NCC & NSS activities.

35. SWOC analysis of the department and Future plans:

- **Strength:** Highly dedicated faculty member, bright alumni's, challenging and laborious students are the strengths of the department.
- **Weakness:** Shortage of faculty and Space problem and inadequate infrastructure.
- **Opportunities:** Opportunities for higher studies and majority of students join different Universities and Institutes (KU, JU, CU, RBU, etc.) for M.Sc .Degrees. A large number have been working as Guest Teachers in various Colleges, few are engaged in Research Works in different Universities. Some opt for school teaching through West Bengal School Service Commission examination, while few prepare themselves for WBCS exams and jobs in other Govt. and public sectors.
- **Challenges:** Socio-Economic Conditions becomes a challenge for the students to complete the course as the College is situated in a remote and backward district of the State.

Future Plans:

To enrich Departmental Library, to arrange at least **two** more Sanctioned Full-time post, to provide printing facility of study materials, to build up separate Departmental seminar room, to arrange National & International Seminars

INDIVIDUAL PROFILE

DR. SADASIV CHAKRABARTI

PUBLICATIONS:

1. Metrically dense in itself sets in a measure space, J. Natl. Acad. Math., Vol. 1(1983), 20-24. (jointly with B.K. Lahiri)
2. Transformation of sets in E_n , N.B.U. Review (Sc. & Tech.), Vol. 4, No. 2(1983), 41-42. (jointly with B.K. Lahiri)
3. Density Topology in a Topological group, Int. J. Pure & Appl. Math., 15(7), 1984, 753-764.(jointly with B.K. Lahiri)
4. Proximal density topology in a topological group, Bull. Ins. Math. Acad. Sinica, Vol-13, No. 3(1985), 257-272.(jointly with B.K. Lahiri)



5. Local measurability in a topological group, Glas. Math. , 22(42),1987, 15-23.(jointly with B.K. Lahiri)
6. Transformation of sets in topological group, Univ. Com. Acta. Math. Univ. Com, LII-LIII, 1987, 75-89.(jointly with B.K. Lahiri)
7. Sparse set topology, Bull. Cal. Math. Soc., 82(1990), 349-356.(jointly with B.K. Lahiri)
8. Differentiation of vector lattice valued set functions in a topological group, J. Indian Acad. Math., 15(1), 1993, 89-100.(jointly with B.K. Lahiri)
9. Density Topology, Math-Student, 59(1991), 89-108.(jointly with B.K. Lahiri)
10. Uniformity approximately continuous functions, Math. Student, Vol. 62, 173-174.(jointly with B.K. Lahiri)
11. Approximately continuous functions in a measure space, Vietnam J. Math., 25/1(1997), 59-64.(jointly with B.K. Lahiri)
12. A survey of the density topology, Bull. Allahabad Math., 16(2001), 25-50.(jointly with B.K. Lahiri)
13. Generalized density functions in a topological group, Indian J. Math., 40(1), 1998, 97-111.(jointly with A.K. Gangopadhyay)
14. On some topologies connected with density of sets in a topological group, Indian J. Math., 44(3), 2002, 281-293.(jointly with A.K. Gangopadhyay)
15. Sparse set topology in a Romanovski Space, J. Math. (N.B.U.), Vol.-3, No. 1(2010), 21-32. (jointly with P.P. Chakrabarty)

Ph.D. GUIDANCE:

Acted as the co-guide of two Ph.D. students in successfully guiding them to the Ph.D. degree.

Name of the student	Year of award	University	Title of the Thesis
Dr. Amit Kumar Gangopadhyay	2006	University of Kalyani	Certain properties of sets, density of sets and functions related to measurable sets.
Dr. Partha Pratim Chakrabarti	2011	University of Kalyani	Some properties of sets and mappings related to measurable sets and density of sets.

SEMINARS/SYMPOSIA/WORKSHOP/COURSE ATTENDED:

1. All India Science Congress, Tirupati, 1983.
2. National Symposium on Mathematics, University of Kalyani, 1985.
3. Refresher Course in Pure Mathematics, Depart of Pure Math., University of Calcutta, 1991.
4. National Symposium on Mathematics, University of Kalyani, 2003.
5. International Symposium on Mathematics, University of Kalyani, 2005.

Other Academic Performance: Acted as a member of the UG Board of studies in KU, took part in framing the syllabi of Hons and General Courses in Mathematics.

DR. SAHANOUS MALLICK

DETAILS OF PUBLICATIONS:

1. U.C. De and Sahanous Mallick, On the existence of generalized quasi-Einstein manifolds, Archivum Mathematicum (Brno), 47 (2011), 279-291.
2. U.C. De and Sahanous Mallick, Spacetimes admitting m-projective curvature tensor, Bulgarian Journal of Physics, 39 (2012), 331-338.
3. U.C. De and Sahanous Mallick, Some global properties of mixed quasi-Einstein manifolds, Mathematica Pannonica, 23/2 (2012), 277-289.
4. U.C. De and Sahanous Mallick, On almost pseudo concircularly symmetric manifolds, The Journal of Mathematics and Computer Science, 4 (2012), 317-330.
5. U.C. De and Sahanous Mallick, On weakly symmetric spacetimes, Kragujevac Journal of Mathematics, 36 (2012), 299-308.
6. Sahanous Mallick, Avik De and U.C. De, On generalized Ricci Recurrent Manifolds with Applications to Relativity, Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, 83 (2013), 143-152.
7. Sahanous Mallick and U.C. De, Spacetimes admitting W_2 -curvature tensor, Int. J. Geom. Methods Mod. Phys., Vol. 11, No. 4(2014) 1450030.
8. Sahanous Mallick and U.C. De, On a Type of Spacetime, Mathematica Moravica, 18/1 (2014), 29-38.
9. U.C. De and Sahanous Mallick, $N(k)$ -quasi-Einstein manifolds satisfying certain curvature conditions, Mathematick Vesnik, 66, 1 (2014), 33-45.



10. U.C. De and Sahanous Mallick, m -Projective curvature tensor on $N(k)$ -quasi-Einstein manifolds, *Differential Geometry Dynamical System*, 16 (2014), 98-112.
11. U.C. De and Sahanous Mallick, On generalized quasi-Einstein manifolds admitting certain vector fields, *Filomat*, 29 (2015), 599-609.
12. Sahanous Mallick and U.C. De, On mixed quasi-Einstein manifolds, *Annales Univ. Sci. Budapest.* (Accepted)
13. A. Yildiz, S. Mallick and U.C. De, Some curvature conditions on $N(k)$ -quasi-Einstein manifolds, *Scientific Annals of "Al. I. Cuza" University of Iasi.* (Accepted)
14. Sahanous Mallick, On some classes of Super quasi-Einstein manifolds, *Tamsui Oxford Journal of Information and Mathematical Sciences.* (Accepted)
15. Sahanous Mallick, P. Zhao and U.C. De, Spacetimes admitting quasi conformal curvature tensor, *Bulletin of the Iranian Math. Soc.* (Accepted)

DETAILS OF SEMINAR/ WORKSHOPS ETC.

1. Symposium on Recent Trends in Mathematical Analysis and its Applications. Department of Pure Mathematics, University of Calcutta, 23&24 Nov., 2011.
2. Spacetimes Admitting W_2 -Curvature Tensor, National Conference on Differential Geometry and its Applications, Department of Mathematics, University of Allahabad, 27&28 Dec., 2014.



DEPARTMENT OF STATISTICS

- 1 Name of the department : **Statistics**
- 2 Year of Establishment Gen/Hons : **General 1998**
- 3 Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG General**
4. 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
				UG	PG	
Bijitesh Halder	M.Sc.	Guest Lecturer	Linear Algebra, Applied Multivariate	-	-	-

DEPARTMENT OF COMPUTER SCIENCE

- 1 Name of the department : **Computer Science**
- 2 Year of Establishment Gen/Hons : **General 2015**
- 3 Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **a) UG-General**
4. 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
				UG	PG	
Jui Ghosh	M.Sc.	Guest Lecturer	Image Processing			
Sujit Das	MCA	Guest Lecturer				



DEPARTMENT OF COMMERCE

- 1 Name of the department : **COMMERCE**
- 2 Year of Establishment Gen/Hons : **1972/1981**
- 3 Names of Programmes/ Courses offered (UG, PG,M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **a) B.Com Honours Course
b) B.Com General Course**
- 4 Name of interdisciplinary course and the department/units involved : **Economics, Business Economics & Mathematics**
- 5 Annual/ semester/ choice based credit system. : **Annual Examination**
- 6 Participation of the Department in the courses offered by other Department : **Nil**
- 7 Course in collaboration with other universities, industries, foreign institutions etc : **Nil**
- 8 Details of the course/ programmes discontinues (if any) with reason : **N/A**
- 9 Number of teaching posts : **4 (four)**

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	Nil
Asst. Professors	04	2

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

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guiding for the last 4 years
				UG	PG	
Dr.Amit Kr. Chakrabarty	M.Phil., Ph. D	Assistant Professor	Accounting & Control	05	Nil	01
Sarbajit Paul	M.Phil, ACMA	Assistant Professor	Accounting & Finance	12.	Nil	Nil
Sulagna Choudhuri	M.Com B.Ed	Part-Time Lecturer	Accounting & Finance	19	Nil	Nil
Sujit Kr. Ray	M.Com, ACMA	Part-Time Lecturer	Accounting & Finance	16	Nil	Nil
Ajay Ray	M.Com	Guest Lecturer	Accounting & Finance	05	Nil	Nil
Indrjit Sen	M.Com	Guest Lecturer	Accounting & Finance	05	Nil	Nil
Biplab Saha	M.Com, MBA	Guest Lecturer	Accounting & Finance	01	Nil	Nil
Goutam Das	M.Com.	Guest Lecturer	Accounting & Finance	01	Nil	Nil

11. List of senior visiting faculty: NIL

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

Courses	Percentage
B.Com (Hons)	30.77

13. Student-Teacher Ratio (programme wise): 2014-15 (B.Com Hons) 55:1

one teacher = 21 classes

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL



15. Qualifications of teaching faculty with D. Sc/ D. Litt /Ph. D/ MPhil/PG: Please See SL.No.10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: one

Sl. No.	Type	Sanctioned amount	Source	Year
Dr. Amit Kumar Chakrabarty	Minor	Rs 245000/-	UGC	2015

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/ facility recognized by the University: NIL

19. Publications:

a. Publication per faculty:

b. Number of papers published by faculty and students in peer reviewed journals (b 1: national / b 2: international):

c. 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.)

d. Monographs :

e. Chapter in Books:

f. Books Edited :

g. Books with ISBN/ISSN numbers with details of publishers:

h. Citation Index: Citation Range:

Name	Publications of Research Papers (in No.)						
	Conf.=Conference , Apted= accepted ; comted=communicated						
	Book	Journal	Edited book	Conf. volume	Apted	Comped	Other
Dr. Amit Kr. Chakrabarty	NIL	33	NIL	01	03	Nil	NIL
Sarbajit Paul	Nil	05	07	01	NIL	NIL	NIL

20. Areas of consultancy and income generated: NIL

21. Faculty as members in a) National committees b) International Committees c) Editorial

Boards: Dr. Amit Kr. Chakraborty: Member of Reviewer Committee (i) IJSE (UK), (ii) JOC (Pakistan), (iii) IJOHAT (India)

Sri Sarbajit Paul: (i) Member of ICMA; (ii) Life Member of IAA, IAARF, ICA, IRJA

22. Student projects

a) *Percentage of students who have done in-house projects including inter departmental/ programme: 100% (As per Syllabus (Group I Paper III), the “Project Work” is compulsory for all 2nd Year B.COM General Students.)*

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

23. Awards/Recognitions received by faculty and students: Nil

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

25. Seminars/Conferences/Workshops organized & the source of funding a) National b. International: Nil

26. Student profile programme/ course wise:

Year	No. of Students Admitted* (3 years back)			Appeared for final year Examination			Passed in final year Examination			Success Rate (%)			Passed in First Class	**Drop Out Rate(%)
	M	F	T	M	F	T	M	F	T	M	F	T	T	T
2012	38	08	46	27	08	35	26	07	33	96	88	94	12	24
2013	54	05	59	36	02	38	36	01	37	100	50	97	09	36
2014	59	05	64	52	02	54	49	02	51	94	100	94	05	16
2015	65	08	73	47	05	52	42	05	47	89	100	90	08	29

*M=Male *F=Female

27. Diversity of Students

Name of the Course	%of students from the	% of students from other States	%of students from
B.A. (ECO, Gen, Hons)	100%	Nil	Nil



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Three students have qualified NET / SET within the period 2011-15

29. Student progression

Student progression	Against % enrolled
UG to PG	25% (approx)
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph. D. to Post-Doctoral	NIL
Employed • Campus selection • Other than campus recruitment	NIL
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities a) Library b) Internet facilities for Staff & Students
c) Class rooms with ICT facility d) Laboratories

	Access to Library		Internet facilities	Class room with ICT facility	Laboratories
	Departmental	Central			
Teacher	Yes	Yes	Yes	Yes	Not Applicable
Student	Yes	Yes	Yes	Yes	Not Applicable

31. Number of students receiving financial assistance from college, university, government or other agencies: The State Govt. provides scholarships for SC/ST/OBC/Minority students in every year

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

33. Teaching methods adopted to improve student learning:

- Student Centric Teaching-Learning process
- Lecture Method & Board work
- Use of Computer and Internet
- Group discussions, power point presentation, Class test
- Remedial, Special Classes, tutorials etc.

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

The student and faculty members participate in Institutional Social Responsibility (ISR) and Extension activities organized by the NSS /NCC units of College.

35. SWOC analysis of the department and Future plans

Strength: Excellent and Dedicated Faculty and intelligent students reflected in the results

Opportunities: Interdisciplinary subject and scope in job market

Weakness: Shortage of Teaching Staff

Challenges: To prepare the students for Higher studies and also for the job market

Future Plans:

- To start English speaking camps, inter-department and inter-collegiate competitions.
- To introduce preparatory courses regarding Chartered Accountancy, Cost Accountancy and Cost Financial Analysis.
- To Start Post Graduate course in Commerce
- To start regularly Research work / project and publication by teachers at international and national levels.
To organize State/National / International Levels Seminar in each academic year in our Department.

INDIVIDUAL PROFILE



Seminar Attended:

1. UGC Sponsored State Level Seminar on: Diabetes: A Silent Killer, Department of Zoology, Chakdaha College, 2nd March 2012.
2. UGC Sponsored National Level Seminar on: Green Energy via a viz Carbon-rich power generation: A Challenge ahead, Department of Physics, Chakdaha College & Ranaghat College, 10th January 2012.
3. UGC Sponsored National Level Seminar on Acharya Prafulla Chandra Roy : Re Evaluation of life and works on his 150th Birth anniversary, Department of Chemistry, Chakdaha College in collaboration with S. S. College of Education, 25th November 2011.
4. UGC Sponsored National Level Seminar on Human Right and the Indian State, Department of Pol.Sc, Chakdaha College & NSOU, 20th & 21st December 2011.
5. UGC Sponsored one day National Seminar on “Influence of Sanskrit literature on Rabindra Treatise, 2012” organized by the Dept. of Sanskrit, Chakdaha College in collaboration with Netaji Subhash Open University, Chakdaha College Centre on 17.01.2012.

Paper Presented:

Identification of Negative Factors of Tourism and Its Impact on Sustainable Dev. & Well Being: A Case Study, National Seminar on Contemporary Issues in Accounting & Finance, 27-28 March, 2014.

List of Publications:

1. Gender Difference in Scholastic Achievement in Mathematics ANNESWA, A Journal on Education, 6, 2011, 28.
2. At Grade-II Level-An Empirical Study A study on the effect of supplemental test reading on the reading comprehension ability at primary level, A Journal of Education and Culture, 3, 2011, 34.
3. A study on social caste and class difference in scholastic achievement in mathematics at primary level, Educatum: Journal of Education and Behavioural Science, 5, 2011, 51
4. A study on the effectiveness of small group cooperative learning with self question answering method on academic achievement, Shiksha Chintan, Journal of Education, 5, 2011, 53.
5. Acharya Prafulla Chandra Roy: Thoughts on Industrialisation, UGC Sponsored seminar proceedings, Deptt. Of Chemistry, Chakdaha College, Nadia, WB, India, 2011, 68.
6. Convergence of IAS with IFRS: Theoretical aspects and Present status in India, The Journal of Commerce, Pakistan., 6, 2014, 1.
7. Self Help Group and Micro Finance: Conceptual Framework with the thrust on Rural Development and Female Empowerment, Modernism in Accounting and Finance (Edited Volume, Dept. of Commerce, KU, India), 2015, (accepted).
8. Contract Farming: Conceptual Framework and Indian Panorama, Journal of Economics and Business Research, Romania, 21, 2015, 25.
9. Islamic Microfinance: An Interest Free Microfinance Model for Poverty Alleviation, Journal of Economics and Business Research, Romania, 21, 2015, 15.
10. Negative Social Aspects of Tourism and Sustainable Development: An Empirical Study, Journal of Economics and Business Research, Romania, 22, 2014 (accepted).
11. Tourism: Its Socio Economic and Cultural Impacts with Sustainability Concept, Researchers World: Journal of Arts Science & Commerce, 6, 2015, 88.
12. Islamic Microfinance: Rationality in India, Palli Charcha: The Journal of Rural Studies, Visva Varati. , 1, 2015, 37.
13. Negative Social Aspects of Tourism and Security Systems Management Process: An Empirical Study, Jamshedpur Research Review : International Journal of Multidisciplinary Research, 3, 2015, 7.
14. Islamic Micro Finance: Theoretical Aspects and Indian Status, Journal of Commerce, Pakistan, 7, 2015, 169.
15. Tourism: Its Environmental Impacts With Sustainability Concept, Palli Charcha: The Journal of Rural Studies, Visva Varati, 2, 2015 (accepted).

SARBAJIT PAUL

Date of joining in Chakdaha College: 19th September, 2014

Prior to Chakdaha College (if any): Vijaygarh Jyotish Ray College From 16.04.2004 to 18.09.2014

Details of your publications (Journals/Book Chapters/Books/Edited volume etc)

1. Green Marketing In India: Hopes and Challenges, Sarbajit Paul, Green Marketing & Global Environment–Indian Scenario, 2012, 84-90.
2. Valuation of Intellectual Property Right: An Accounting Perspective, Sarbajit Paul Abhinav Seva Mandali Trust, 2013, 1-6.
3. Empowering Rural Woman Through SHGs Participation: A Study of a Small Village Madanpur in the District of Nadia, West Bengal, Sarbajit Paul, Emerging Issues on Women Empowerment Kunal Book House, 2013, 417-426.
4. Socially Responsible Investment, Sarbajit Paul, Manav Prakashan, Kolkata, 2013, 208-220.
5. Measurement of Financial Strength and Stability: A Case Study of Indian Tobacco Company (ITC), Sarbajit Paul, Edulight, Multi-disciplinary Bi-annual & Peer-Reviewed Journal, 2, 2013, 242-250.
6. Technical Analysis of Larsen and Toubro Share Price, Sarbajit Paul & Gautam Mitra, Perspectives on Management, Heritage Business School, 5, 2013, 98-112.
7. Returns Discordance under Different Methods of Technical Analysis, Contemporary Issues in Business Studies, 12014, 99-108.
8. A Study on Mobile Banking System in India: Opportunities and challenges, Sarbajit Paul, International Journal of Multidisciplinary Educational Research, 4, 2015, 127, 135.
9. Technical Analysis on Selected Stocks of Indian Banking Sector, Sarbajit Paul & Gautam Mitra, Vishwakarma Business Review, V, 2015, 26-36.
10. Goods and Services Tax in India: A Short Review, Sarbajit Paul, Indian Taxation System: The Ground Realities, 2015, 114-122.
11. Corporate Social Responsibility in India: A Descriptive Study, Sarbajit Paul, Corporate Governance and Business Ethics in Indian Business Environment, 2015, 146-155.
12. Impact of Financial Ratios on Tata Motor Share price: An Empirical Study, Sarbajit Paul, Recent Advances in Accounting, Finance Management, 2015, 551-559.

Details of seminars/workshops/ training programmes/ sensitization programmes/RC/OP

1. Green Marketing in India: Hopes and Challenges, Naba Ballygunge Mahavidyalaya, 04.02.2012.
2. FDI in Multi-brand Retailing in India, Lalbaba College, 6-7 March, 2013.
3. Socially Responsible Investment, Deshbandhu College for Girls, 5- 6 April, 2013.
4. FDI in Retail Sector: Hopes and Fears, Syamaprasad College, Kolkata, 24.04.2013.
5. Investment for Sustainable Development, Institute of Cost Accountants of India, 10-11 June, 2013.
6. Application of Moving Average and its Improvisations on Select Stock Prices, The Department of Commerce, The University of Burdwan, Burdwan, India, 13-14 March, 2014.
7. Technical Analysis of Select Stock Prices : A Comparative Analysis, Department of Business Administration, Vidyasagar University in collaboration with EIILM and Bengal Chamber of Commerce. 10-11 February, 2014.
8. Predicting Share Price : A Synthesis of Fundamental and Technical Analysis, Department of Business Management University of Calcutta, India and IAA Kolkata, 17-18 January, 2014.
9. Financial Performance Analysis of Fast Moving Consumer Goods Companies in India, Durgapur International Business Studies Academia, 20-21 November, 2014.
10. Quest for Fair Valuation of Banking Stocks in India, Indira Gandhi National Tribal University, 25-27 February, 2015.
11. Impact of FDI and FPI on Nifty: An Empirical Investigation, Indira Gandhi National Tribal University, 25-27 February, 2015.
12. Role of FDI and FPI in Indian Banking Sector: An Empirical Study, Shri Ram College of Commerce, 6-7 April, 2015.
13. Women Entrepreneurship: Key to the Socio-Economic Empowerment of Women, Tufanganj Mahavidyalaya, 2-3 December, 2015.



14. Impact of MGNREGA on Rural Employment Generation and Development, Tufanganj Mahavidyalaya, 3-4 December, 2015.



CENTRAL LIBRARY

INDIVIDUAL PROFILE

RANJAN KARMAKAR

1. **Name:** MR. RANJAN KARMAKAR
2. **Designation:** LIBRARIAN
3. **Department:** COLLEGE LIBRARY
4. **Date of joining in Chakdaha College:** 25-09-2014
5. **Prior to Chakdaha College (if any):**
 - Worked as an **Information Analyst** and **Library Assistant** from October 2012 to July 2014 for **The Energy and Resources Institute (TERI)**, IHC Complex, Lodhi Road, New Delhi.
 - Worked as a **Library Assistant** from November 2011 to September 2012 for **Indian Institute of Technology Ropar (IIT Ropar)**, Rupnagar, Punjab.
 - Worked as a **Library Intern** from September 2011 to November 2011 for **India Habitat Centre (IHC)**, IHC Complex, Lodhi Road, New Delhi.

Publications:

1. Ranjan Karmakar, (2015). Managing and evaluating digital content through Institutional Repositories (IRs): perspectives, issues and challenges (policies) in Indian scenario. *International Journal of Next Generation Library and Technologies (IJNGLT)*, 1 (3), 1-14. ISSN: 2395-5201.
2. Ranjan Karmakar, (2015). Electronic Resource Management (ERM) - life cycle of an e-resource: an evaluative study. *Research Spectra: A Multi-Disciplinary National Refereed Journal*, 1 (1), 39-46. ISSN: 2394-9805.
3. Ranjan Karmakar, (2015). Development and management of digital libraries in the regime of IPR paradigm. In Vinay P. Haware, & Sharad T. Avhad (Eds.), *Advance trends in academic libraries in electronic era* (pp. 69-84). New Delhi, Kolkata: Ane Books Pvt. Ltd. ISBN: 978-93-8525-995-1.
4. Ranjan Karmakar & Sandhya P. Krishna, (2013, November 27-29). Patent information system in digital era: a recent trend. In Shantanu Ganguly, P. K. Bhattacharya, N. Deepa, Pallavi Shukla, Nihal Alam, Reeta Sharma, & Anupama Jauhry (Eds.), *International Conference on Digital Libraries (ICDL) 2013 Vision 2020: Looking Back 10 Years and Forging New Frontiers: Vol. 2*. Conference Proceedings of The Energy and Resources Institute (TERI), India Habitat Centre (IHC), Lodhi Road (pp. 662-680). New Delhi, India. ISBN: 978-81-7993-553-8.
5. Sandhya P. Krishna & Ranjan Karmakar (2013, November 20-21). Knowledge management initiatives, applications and best practices at IBM and UNDP: an analytical case study. In Biswanath Dutta, & Devika P. Madalli (Eds.), *Proceedings of International Conference on Knowledge Modelling and Knowledge Management (ICKM 2013)*. Proceedings of International Conference of the Documentation Research and Training Centre (DRTC), Indian Statistical Institute (ISI), Bangalore Centre (pp. 172-184). Karnataka, India. ISBN: 978-93-5137-765-8.
6. M. Natarajan & Ranjan Karmakar (2013, November 27-29). Development of digital libraries in the IPR regime. In Shantanu Ganguly, P. K. Bhattacharya, N. Deepa, Pallavi Shukla, Nihal Alam, Reeta Sharma, & Anupama Jauhry (Eds.), *International Conference on Digital Libraries (ICDL) 2013 Vision 2020: Looking Back 10 Years and Forging New Frontiers: Vol. 2*. Conference Proceedings of the Energy and Resources Institute (TERI), India Habitat Centre (IHC), Lodhi Road (pp. 644-653). New Delhi, India. ISBN: 978-81-7993-553-8.
7. Nihal Alam & Ranjan Karmakar (2013, November 27-29). Transition of digital library in a web enabled environment: from semantic to social semantic digital library. In Shantanu Ganguly, P. K. Bhattacharya, N. Deepa, Pallavi Shukla, Nihal Alam, Reeta Sharma, & Anupama Jauhry (Eds.), *International Conference on Digital Libraries (ICDL) 2013 Vision 2020: Looking Back 10 Years and Forging New Frontiers: Vol. 1*. Conference Proceedings of The Energy and Resources Institute (TERI), India Habitat Centre (IHC), Lodhi Road (pp. 550-559). New Delhi, India. ISBN: 978-81-7993-552-1.
8. Nihal Alam & Ranjan Karmakar (2013). Cloud computing and its application to information centre. In Sangeeta N. Dhamdhare (Ed.), *Cloud computing and virtualization technologies in libraries* (pp. 63-76). Hershey, PA: Information Science Reference (An Imprint of IGI Global). ISBN: 978-1-4666-4631-5.
9. M. Natarajan & Ranjan Karmakar (2013, February 24-27). Institutional repositories in Delhi based



institutions: a comparative study. In B. Ramesha, & Basavaraj D. Kumbar (Eds.), *58th ILA International Conference on Next Generation Libraries (ILANGL-2013): New Insights and Universal Access to Knowledge*. Proceedings of the 58th Conference of the Indian Library Association, New Delhi and Department of Library and Information Science, Karnataka University, Dharwad (pp. 472-480). New Delhi, India. ISBN: 81-85216-46-0.

Fellow Member:

- Member, West Bengal College Librarians' Association (WBCLA), Kolkata.
- Member, Society for Information Research and Studies (SIRs), New Delhi.
- Member, Library Professionals Association (LPA), New Delhi.
- Member, Ranganathan Research Circle (RRC), New Delhi.

Conferences/Seminars/Workshops attended:

1. Seminar on "Quality Improvement in Higher Education," held on 19th August, 2015, at the Seminar Hall, Commerce Building, Chakdaha College, Chakdaha, Nadia, West Bengal. Organized by the Internal Quality Assurance Cell (IQAC), Chakdaha College, Chakdaha, Nadia, West Bengal.
2. The XXVII Annual General Meeting (AGM) and Conference of the West Bengal College Librarians' Associations (WBCLA), held on 8th March, 2015 at the Senate Hall, University of Calcutta, College Street, Kolkata – 700073, West Bengal.
3. National Seminar on "LiNE: Libraries in Next Era," held on 15th January, 2015, at the Department of Library & Information Science, University of Kalyani, Kalyani – 741235, West Bengal. Organized by KULISAA (Kalyani University Library and Information Science Alumni Association).
4. 5th Ashok Jambhekar Memorial Seminar-cum-Lecture on "Neo Information Environment & Library Profession: Changes, Challenges & Strategies," held on 25th April, 2014, at India International Centre (IIC) Annexe, New Delhi. Organized by Management Libraries Network (MANLIBNET), New Delhi.
5. National Workshop on "Importance and Use of Copyrights, Patent, Citation and Impact Factor in Research (IUCPCIFR)," held on 25th January, 2014, at Lingaya's University, Faridabad. Organized by Centre of Excellence and Central Library, Lingaya's University, Faridabad.
6. "International Conference on Digital Libraries (ICDL 2013) Vision 2020: Looking Back 10 Years and Forging New Frontiers," from 27-29th November, 2013, held at The Energy and Resources Institute (TERI), New Delhi. Organized by TERI, New Delhi.
7. "National Conference on Managing Information Resources in Digital Environment (K - 2013)," held on 21st September, 2013, at Central Council for Research in Unani Medicine (CCRUM), New Delhi. Organised by Central Council for Research in Unani Medicine and Society for Information Research and Studies (SIRs), New Delhi.
8. Workshop on "Professional Development Programme for Managerial Librarianship for Social Science Libraries," from 17-19th July, 2013, held at The Energy and Resources Institute (TERI), New Delhi. Organized by TERI and National Social Science Documentation Centre (NASSDOC), New Delhi.
9. "National Conference on Knowledge Organization in Academic Libraries (KOAL - 2013)," held on 27th April, 2013, at Indian Social Institute (ISI), New Delhi. Organized by Library Professionals Association (LPA), New Delhi.
10. "Competency Development Programme on Research Methodology," held on 19th January, 2013, at Gandhi Peace Foundation, New Delhi. Organised by Society for Information Research and Studies (SIRs), New Delhi.
11. "International Conference on Digital Libraries and Knowledge Organization (ICDK 2011)," from 14-16th February, 2011, held at Management Development Institute (MDI), Gurgaon. Organized by MDI, IASLIC and INDEST – AICTE Consortium.
12. "UGC – Sponsored Seminar on Knowledge Management: Issues and Perspectives," held on 25th March, 2010, at Acharya Prafulla Chandra Sabhakaksha, University of Kalyani, Kalyani, Nadia, West Bengal. Jointly organized by Department of Library and Information Science and Department of Business Administration, University of Kalyani, Kalyani, Nadia, West Bengal.
13. Course attended: Rc in Library and Information Science, HRDC, NBU, 26.11.2015-16.12.2015



SUMANTA KR. DAS

1. **Name:** Mr. Sumanta Kumar Das
2. **Designation:** LIBRARIAN
3. **Department:** COLLEGE LIBRARY
4. **Date of joining in Chakdaha College:** 26-09-2014
5. **Prior to Chakdaha College (if any):**
 - Worked as a **Librarian (WBSSC) from June 2011 to September 2014** for NABASON HIGH SCHOOL(H.S.) P.O.-Nabason, Block- Sonamukhi, Bankura-722207.

Publications:

1. “*Career Guidance Section in University Libraries of West Bengal: a comparative study*”, ISST Journal of Advances in Librarianship(IJALIB), v.4, No.1, Jan-June’13, ISSN: 09769021.

Courses Attended:

- Apprenticeship on Library & information Science (*CENTRAL REFERENCE LIBRARY,KOLKATA*, Govt. of India.)
- Certificate of participation (*E-Resource Management in Academic Library and INFLIBNET N-LIST* Programme held on 26-27TH November, 2010).
- Certificate (UGC- Sponsored Seminar on *KNOWLEDGE MANAGEMENT ISSUES & PERSPECTIVES* held on 25th March, 2010).
- Certificate of worked in Survey Research for the Minority Concentration Districts (MCD), sponsored by the *Indian Council of Social Science (ICSSR)*, New Delhi and Conducted by the *Centre for Studies in Social Science, Calcutta (CSSSC)*
- Course attended: Rc in Library and Information Science, HRDC, NBU, 26.11.2015-16.12.2015

Fellow Member:

Member, West Bengal College Librarians’ Association, Kolkata

GOBINDA BARDHAN

Designation: LIBRARIAN (PART-TIME)

Date of joining in Chakdaha College: 01.04.2008

Prior to Chakdaha College (if any):

- Worked as a **Project Assistant** from July 2006 to March 2007 for **Sitananda College, Nandigram, Midnapore.**
- Worked as a **Project Assistant** from April 2007 to June 2007 for **Kalyani Government Engineering College, Kalyani, Nadia.**
- Working as a **Librarian** from July 2007 to till Date for **JRSET College of Education, Uttar Panchpota,Chakdaha, Nadia.**

Authors	Title of paper	Journal/book etc.	Volume	page	Year	Whether peer reviewed
Gobinda Bardhan	Human Rights in India : A Reference on Child Education	Human Rights and the Indian State	1 (One)	48	2011	No



Gobinda Bardhan	Modern Education and the Role of Library	Journal for Educational research perspectives	Special Issue	[In Press]	2015	No
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Details of publications. (Journals/Book Chapters/Books/Edited volume etc.):

Details of seminars/workshops/ training programmes/ sensitization programmes/RC/OP:

Seminar/ workshop etc. title	Regional/State/n ational/ International level	Organised by	Sponsore d by	Title of the paper presented (if any)	Date	Year
Different Perspectives of Education in Modern Society (DPEMS – 2015)	International	JRSET College of Educaton	JRS educationa l Trust	Modern Education and the Role of Library	22 & 23 Februar y	2015
INFLIBNET Regional Training Programme on Library Automation (RITPLA)	National	University of Kalyani and INFLIBNE T Centre Gandhinaga r	University of Kalyani and INFLIBN ET Centre Gandhina gar	-----	02nd to 06th Decemb er,	2013
Green Energy via-a-vis Carbon-rich Power Generation: A Challenge Ahead	National	Chakdaha College	UGC – Sponsored	-----	10 th January	2012
Human Rights and the Indian State	National	Cakdaha College	UGC – Sponsored	Human Rights in India : A Reference on Child Education	20th & 21st Novemb er	2011



Acharya Prafulla Chandra Roy: Re-evaluation of Life and Works	National	Chakdaha College	UGC – Sponsored	-----	25 th Novemb er	2011
Evil and its Ramification in Shakespear; Macbeth and Other Plays'	State Level	Chakdaha College	UGC – Sponsored	-----	6 th August	2010
E-Resource Management in Academic Libraries and INFLIBNET (N-LIST) Awarenes Programme	National	Barrackpore Rastraguru Surendranat h College	UGC – Sponsored	-----	26 th & 27 th Novemb er	2010
Importance Free and Open Source Software	National	The Central Library, University of Bardwan	University of Bardwan	-----	20th - 22nd Februar y	2009
Role of Libraries in Rural Development	National	University Of Bardwan, R.R.R.L.F, B.L.A, IASLIC & W.B.P.E.A.	University of Bardwan	-----	10 th August	2008

Kalyani University, Kalyani

Name and address of the college	Status	Year of Estb.	Nature of Affiliation	Teaching Upto	Govt or Non Govt	Aided or Unaided
Asannagar Madan Mohan Tarkalankar College P.O. Asannagar Dist. Nadia - 741 161 West Bengal	2(f) and 12(B)	2007	Permanent	Bachelor's	Non Government	Aided
Berhampore College P.O. Berhampur - 742 101 District Murshidabad West Bengal	2(f) and 12(B)	1963	Permanent	Bachelor's	Non Government	
Berhampore Girl's College Berhampur District Murshidabad West Bengal - 742 101 West Bengal	2(f) and 12(B)	1946	Permanent	Bachelor's	Non Government	
Bethuadabari College P.O. Bethuadahari - 741 116 District Nadia West Bengal	2(f) and 12(B)	1986	Permanent	Bachelor's	Non Government	
Chakdaha College Chakdaha District Nadia West Bengal	2(f) and 12(B)	1973	Permanent	Bachelor's	Non Government	
Chapra Bangalji Mahavidyalaya P.O. Bangalji, Dist. Nadia - 741 123 West Bengal	2(f) and 12(B)	2001	Permanent	Bachelor's	Non Government	Aided
Dr B.R. Ambedkar College Betai - 741 163 District Nadia West Bengal	2(f) and 12(B)	1973	Permanent	Bachelor's	Non Government	
Dukhulal Nibaran Chandra College Aurangabad District Murshidabad West Bengal - 742 201 West Bengal	2(f) and 12(B)	1967	Permanent	Bachelor's	Non Government	
Dumakal College P.O. Dumkal - 742 303 District Murshidabad West Bengal	2(f) and 12(B)	1999	Permanent	Bachelor's	Non Government	
Dwijendralal College P.O. Krishnagar - 741 101 District Nadia-7 West Bengal	2(f) and 12(B)	1968	Permanent	Bachelor's	Non Government	

As on 30.11.2015

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राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वयत्त 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
Chakdaha College
Chakdaha, Dist. Nadia, affiliated to University of Kalyani, West Bengal as
Accredited
with a CGPA of 2.36 on four point scale
at B grade.*

Date : September 16, 2008



Director

EC/46/A & A/005

