

**The Annual Quality Assurance
Report (AQAR) of the IQAC
2009-2010**

Submitted to:

The Director
National Assessment and Accreditation Council
(NAAC)
An Autonomous Institution of the University Grant Commission
P.O.Box No 1075
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Bangalore-560 072.

KRISHNAGAR GOVERNMENT COLLEGE

Affiliated to Kalyani University. Accredited by NAAC A Grade (CGPA-3.14)

College with Potential for Excellence

Annual Quality Assurance Report (AQAR) of the IQAC **Krishnagar Government College, Krishnagar, Nadia.**

Year 2009-2010

A Prologue

The IQAC meeting was convened on 17/12/2008 by the Coordinator Dr. Debajyoti Chakraborty, Head of the Department of Zoology. The members discussed in detail the role of the Cell, chalked out an action plan for the academic year 2009 – 2010 and the coordinator requested the stakeholders to follow scrupulously the action plan and actively participate in implementing it in true spirit.

The Composition of IQAC

A. Chairperson:

Principal, Krishnagar Government College

B. Senior Administrative Officer:

District Magistrate, Nadia District.

C. Teaching Staff:

- 1) Dr. Krishnendu Dutta, Head, Deptt. of Mathematics.
- 2) Dr. Anupam Chakraborty, Head, Deptt. of Economics.
- 3) Dr. Subhajit Sen Gupta, Head, Deptt. of English.
- 4) Mr. Samrat Laskar, Astd. Prof. of English.
- 5) Ms. Rituparna Khan, Astd. Prof. of Geography.
- 6) Mr. Manoj Kumar Halder, Astd. Prof. of Pol. Science.
- 7) Dr. Kamal Kanti Som, Head, Deptt. of Physics.

D. Members from the Management:

Prof. Akulananda Bandyopadhyay, Ex Chairman, District School Board Nadia and Retd. Prof. of Bengali, Santipur College.

E. Nominees from Local Society:

Mr. Manik Moitra, President, Primary Council, Nadia District, Former Reader in Commerce, Haringhata, Mahavidyalaya.

F. Coordinator:

Dr. Debajyoti Chakraborty, Head, Deptt. of Zoology.

The prime objective of the Cell is to develop and apply the quality benchmark in various activities of the Institution and disseminate the information of quality aspects. Moreover, the Cell in its endeavour towards better academic environment has to record and monitor quality measures of the Institution and to act as a nodal agency. Finally it is a great responsibility of the Cell to record its findings throughout a particular year in the form of an Annual Report for that year.

Annual Quality Assurance Report (AQAR) of the IQAC **Krishnagar Government College, Krishnagar, Nadia.**

Year 2009-2010

Part A: The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

The objective of NAAC is to impart quality in higher education. The suggestion for formation of IQAC in an Institute is a sustainability measure meant not just to evaluate and assess quality but to retain it.

To materialize the ideas, the IQAC after discussion with the departmental heads and other stakeholders has prepared an action plan for the ensuing academic session.

Plan of action for 2009 – 2010:

- To conduct workshop/ seminar/ symposium by various departments so that the faculty members get an opportunity to enhance and sustain their academic excellence.
- To encourage faculties to attend seminars, workshops, refresher and orientation courses without affecting the teaching-learning process of the College. This would be the part of academic improvement programme.
- To encourage and motivate the faculties so that they undertake various research works and approach the UGC and other funding agencies for financial support.
- To impart coaching for students from SC/ST, minorities and OBC (non-creamy layer) candidates for entry in services, remedial coaching etc.
- To submit application for CPE (*College with Potential for Excellence*) status to UGC under XI plan to achieve better standards of teaching and research by harnessing human and physical resources of the Institution in innovative ways.
- To start PG course in Zoology and Physics.
- To start “study circle” in various departments to make students proactive.
- To make use of ICT enabled and student centric interactive teaching-learning methods to give the students somewhat better exposure of the topics.
- To upgrade the College website regularly with information from every corner of the Institution. Special emphasis is to be given on matters related to admission so that a new entrant does not find it difficult to attain required information and at the same time the entire process of admission is smooth enough for a student who is willing to get himself admitted in this Institution.

- To construct a 64-seated ladies hostel with the financial assistance from the UGC to provide accommodation to girl students who come from distant places to attend the Institution regularly and thereby justify its role as a premier Institute considered as a pioneer of spreading higher education among the women in rural Bengal.

The outcomes of the various activities that we have proposed at the beginning of the academic session 2009–2010 are reflected in the sequel.

Part B:

1. Activities reflecting the goals and objectives of the Institution:

Imparting quality education among all corners of the society is the prime objective of the College since its inception in 1846. During its long journey of about 164 years it has witnessed the numerous chapters that have unfolded in the history of the nation and of the world and has emerged today as a major citadel of learning, imparting modern education in its highest standard. The goals and objectives of the Institution as have already been stated in the NAAC Self Study Report (SSR) are as follows:

- To impart quality based higher education with an aim to acquire knowledge and development skills among the students to face the national and global challenges.
- To develop responsible and sensitive youths on integration from diverse cultural, linguistic and religious groups who have social commitments and have panoramic view of the society.
- To lay emphasis on value based education to create human resources with modern view and foresight who can contribute to the national development by way of catering the needs of the economy, society and the country as a whole.
- To create accountability within to ensure accountability to the society at large.

Application and implementation of every goal and objective would strike a right balance between aims and achievements. Competency with conscience, technology with tradition and multi-dimensional growth is required to be achieved through various quality enhancement measures. The goals and objectives of the Institution would be implemented and applied in such a way that they would remove the deficiencies and enhance quality.

2. New academic program initiated:

As per the action plan the College has submitted a proposal for opening PG course in Zoology to Kalyani University to which the College is affiliated. The

University authority visited the College on 09/02/ 2010 to review its infrastructure and gave an informal consent. The formal letter of recommendation is yet to be received and we hope that the student admission can be started from the forthcoming academic session (i.e., 2010–2011). In this context it may be mentioned that PG course in Bengali was started from the academic session 2008 – 2009.

3. Innovations in curricular design and transaction:

Being an affiliating College the curriculum is designed by the University after discussion in its Board of Studies (BOS) meetings and Council for Undergraduate Studies. The College has a good number of representatives in the BOS in different subjects. Moreover the faculty members interact in the seminar / workshop conducted by BOS of the University regarding the modification of the existing courses. Apart from that a draft syllabus was circulated to heads of various departments for review and to record their suggestions. Most of the suggestions are incorporated in the changed syllabi. A new syllabus was started from the academic session 2009–2010 in all UG departments where a great deal of modifications was incorporated to meet the challenges of liberalization and globalization.

4. Inter-disciplinary programmes started:

The College could not start inter-disciplinary programmes however the department of Sanskrit and Philosophy share their views by exchanging their faculties. Moreover the department of Statistics has taken classes in various other departments like Geography, Botany and Zoology.

5. Examination reforms implemented:

The University of Kalyani to which the College is affiliated has introduced major changes in the examination system from the academic session 2007–2008 with the approval of its Council for Undergraduate Studies where the College has a few representatives. Consequently, in accordance with the University instructions, the College has adopted the pattern of internal marking in final examination on individual papers in Honours courses based on three unit tests in an academic session and other parameters like attendance, class performance etc. Apart from that each departments organize regular class tests and seminar presentations of the students for better understanding and to overcome their shortfalls.

6. Candidates qualified: NET/ SLET/ GATE etc.

It is a premier institute under the University of Kalyani and a good number of students have qualified in examinations like NET/ GATE etc. As it is primarily an UG teaching College, we could not maintain proper communication with the pass out students who after their PG degree qualify in different examination like NET/GATE/GRE etc. However, from personal connections the college came to know about few students who have qualified in such exams in 2009 – 2010. The list goes as under:

Sl. No.	Name of the candidate	Department	Qualifying Exam.
1	Mriganka Podder	Philosophy	NET
2	Prasenjit Pal	Geography	NET
3	Kartick Sarkar	Geography	NET
4	Anindya Biswas	Botany	GATE
5	Anadi Roy Choudhury	Physiology	NET
6	Trinath Ghosh	Physiology	NET

7. Initiative towards faculty development programme:

Imparting quality and application of quality bench marks primarily relate to well equipped faculties and the faculties have to be constantly updated to meet the challenges in the ever changing scenario of higher education. For the up-gradation the faculties are encouraged to attend seminars/ symposiums /workshops and refresher/ orientation courses from time to time. Following is the list of teachers who have attended various courses during the academic session 2009 – 2010.

Participation in Orientation / Refresher Course:

- Dr. Krishnendu Dutta, Deptt. of Mathematics, participated in OP at Jadavpur University from 25.05.09 to 20.06.09.
- Dr. Sibsankar Pal, Deptt. of Bengali, participated in OP at Jadavpur University from 1.2.2010 to 27.02.2010.
- Ms. Sankalita Ghosh, Deptt. of Philosophy, participated in RC from Jadavpur University in August, 2009.
- Shri Preetam Ghosal, Deptt. of Philosophy, participated in RC from Jadavpur University in August, 2009.
- Ms. Rituparna Khan, Deptt. of Geography, participated in OP at Aligarh Muslim University from 20.01.2010 to 18.02.2010.

- Ms. Tanushree Banerjee, Deptt. of Statistics, participated in RC in “Mathematical Science” at The University of Burdwan from 16.02.2010 to 08.03.2010.
- Dr. Jayanta Kumar Biswas, Deptt. of Zoology, participated in the RC on Environmental Studies at University of Calcutta from 08.02.2010 to 28.02.2010.
- Ms. Jayanti Chakraborty, Deptt. of Physical Education, participated in the RC at University of Calcutta from 08.02.2010 to 27.02.2010.
- Dr. Ram Narayan Deb, Deptt. of Physics, participated in RC in Environmental Studies at University of Calcutta from 08.02.2010 to 27.02.2010.
- Dr. Ambika Prasad Mukhopadhyay, Deptt. of Chemistry, participated in 74th OP at The University of Burdwan from 03.03.2010 to 30.03.2010.
- Shri Surjya Kumar Mandal, Librarian, participated in RC at Jadavpur University.
- Md. Shamim Firdous, Deptt. of History, participated in OP at Aligarh Muslim University from 10.03.2010 to 06.04.2010.
- Ms. Dipa Goswami, Deptt. of Philosophy, participated in RC at University of Calcutta in 2009.

Participation in Seminar/ Symposium/ Workshop:

- Ms. Swaty Mitra, Deptt. of English, participated in an International Conference on “Connecting Cultures: Translation and Text” organized by the Department of English, University of Calcutta on 24-26 February, 2010.
- Mrs. Madhumita Barua, Deptt. of English, participated in the International Conference on “The Expanding Universe: Science and Literature in the 19th Century” organized by the Department of English, Jadavpur University on 6-8 February, 2010.
- Ms. Roopamala Saha, Deptt. of English, participated in the following seminars/workshops:
 - UGC Sponsored Workshop on “Teaching English Literature and Language: Innovative Approaches” organized by the Deptt. of English, Acharya Girish Chandra Bose College, Kolkata on 13 April, 2010.

- UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.
- Dr. Swarup Bose, Deptt. of Bengali, participated in a Seminar – “Access to E-Resources under U.G.C Digital Library”, organized by University of Kalyani from 02.02.2009 to 03.02.2009.
- Ms. Nivedita Chakraborty (Dutta), Deptt. of Bengali, participated in UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” – organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.
- Ms. Sanchita Kundu, Deptt. of Sanskrit, participated in a Seminar on “Education System of India: Retrospect and Prospect” organized by the Department of Sanskrit, University of Calcutta on 23.03.2010.
- Shri Manoj Kumar Haldar, Deptt. of Political Science, participated in the following seminars:
 - National Seminar on ‘Women in Panchayats and Urban Local Bodies in W.B’, organized by the Deptt. of Political Science, Mrinalini Datta Mahavidyapith on 11-12 December, 2009.
 - UGC Sponsored National Seminar on “Globalization and Public Administration Today: The Indian Experience”, organized by Deptt. of Political Science, University of Burdwan on 31 March, 2010.
- Ms. Nabamita Barman, Deptt. of Political Science, participated in a UGC Sponsored National Seminar on “Globalization and Public Administration Today: The Indian Experience”, organized by Deptt. of Political Science, University of Burdwan on 31 March, 2010
- Md. Shamim Firdous, Deptt. of History, participated in the UGC Sponsored National Seminar on “Administration and Politics in Medieval India: Concept of Kingship & Responsibilities of Muslim Rulers 1206-1707 AD”, organized by Departments of Political Science and Islamic History & Culture, Maulana Azad College in collaboration with Indian Institute of Public Administration, January 12, 2010.

- Shri Balaram Das, Deptt. of History, participated in UGC Sponsored State Level Seminar “Technologies of Revolution: Society, Economy and Polity”, organized by Barasat Govt. College in collaboration with Paschim Banga Itihas Samsad on 4-5 March, 2010.
- Shri Anjan Saha, Deptt. of History, participated in the following seminars/ workshops:
 - National Level Workshop on “Science, Society and the Scientists (Pre Modern Period): 13th to 18th Century”, organized by The Asiatic Society, Kolkata, 22-27 March, 2010.
 - National Level Seminar on “India’s Energy Security in the 21st Century”, organized by School of International Relations & Strategic Studies, Jadavpur University and Jadavpur Association of International Relations on 19 March 2010.
- Ms. Rituparna Khan, Deptt. of Geography, participated in an International Seminar On “Envisioning Quality: Academic Professionalization in Higher Education Based on Indo-British Experiences” organized by UGC Academic Staff College, Aligarh Muslim University, 6-7 February, 2010.
- Shri Ayan Das Gupta, Deptt. Of Geography, participated in the following:
 - National Seminar on “Ganga Delta: Development Perspectives” organized by the Department of Geography, University of Calcutta, 11-12 March, 2009.
 - Conference on “Urban Planning and Management: with Special Reference to West Bengal”, organized by the Centre for Urban Economic Studies on 20 April 2009.
- Shri Utpal Mandal, Deptt. of Philosophy, participated in the following seminars:
 - NAAC Sponsored National Seminar on “Sustainable Best Practices in Educational Institutions for Quality Assurance” organized by Shyamsundar College, Burdwan on September 11-12, 2009.
 - UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.

- Dr. Asis Kumar Pandit, Deptt. of Physiology, participated in an International Conference on “Integrative Physiology: Modern Perspective” organized by Physiological Society of India from 12-14 November, 2009.
- Shri Kuntal Gupta, Deptt. of Physiology, participated in UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.
- Dr. Pintu Banerjee, Deptt. of Botany, participated in National Symposium on “Advances in Plant Sciences, Agri-Biotechnology and Food Security” organized by Visva Bharati, 10th April, 2009.
- Dr. Debajyoti Chakrabarty, Deptt. of Zoology, participated in the following seminars:
 - National Symposium on “Dimensions of Animal Science Researches and Human Need” organized by Presidency College, Kolkata, 7-9 September, 2009.
 - NAAC Sponsored National Seminar on “Sustainable Best Practices in Educational Institutions for Quality Assurance” organized by Shyamsundar College, Burdwan on September 11-12, 2009.
- Dr. Jayanta Kumar Biswas, Deptt. of Zoology, participated in the following seminars:
 - “Issues on Higher Education” organized by Presidency College, Kolkata, 24.01.2009.
 - Workshop-cum-seminar on “Intellectual Property Rights with Special Emphasis on Microorganism and Plant Variety Protection” organized by the University of Kalyani, 24-26 August, 2009.
 - National Symposium on “Dimensions of Animal Science Researches and Human Need” organized by Presidency College, Kolkata, 7-9 September, 2009.
 - International seminar on “Modern Trends in Biological Sciences”, organized by Raja N.L. Khan Women’s College, Paschim Medinipur, 24 October, 2009.
 - UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by

WBGCTA at Presidency College, Kolkata on 23 January, 2010.

- Dr. Krishnendu Dutta, Deptt. of Mathematics, participated in National Seminar on “Roles of Mathematical Analysis and Models in Science and Society”, organized by Deptt. of Mathematics, University of Kalyani, 17-18 March, 2010.
- Dr. Amalendu Ghosh, Deptt. of Mathematics, participated in National Seminar on “Roles of Mathematical Analysis and Models in Science and Society”, organized by Deptt. of Mathematics, University of Kalyani, 17-18 March, 2010.
- Shri Gobardhan Rano, Deptt. of Mathematics, participated in a National Level Seminar on “Mathematics Phobia” organized by Visva Bharati University, 13-15 February, 2010.
- Dr. Shyamapada Shit, Deptt. of Chemistry, participated in the 12th CRSI Symposium & RSC-CSRI Meet, NIPER & IICT Hyderabad, 4-7th February, 2010.
- Dr. Ramnarayan Deb, Deptt. of Physics, participated in UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.
- Shri Bishwajit Paul, Deptt. of Physics, participated in UGC Sponsored National Seminar on “Inclusive Education: Challenges Ahead in Higher Education” organized by WBGCTA at Presidency College, Kolkata on 23 January, 2010.
- Shri Ujjwal Das, Deptt. of Physics, participated in the seminar on “The Universe Yours to Discover’ – International Year of Astronomy – 2009” organized by UGC in collaboration with Paschim Banga Vigyan Mancha, 28-29 August 2009.
- Shri Anjan Das, Deptt. of Physics, participated in the following seminars:
 - Seminar on “X-Ray Fluorescence” organized by Saha Institute of Nuclear Physics, Kolkata.
 - Seminar on “New Era in Nuclear and Particle Physics” organized by Department of Physics, University of Burdwan.
- Dr. Anupam Chakroborty, Deptt. of Economics, attended a workshop on Environmental Science organized by Rabindra Bharati University.

He also acted as the Co-Ordinator of Children's Theatre Workshop at NSD, Delhi.

- Shri Joyjit Dhar, Deptt. of Economics, participated in the following:
 - "Research Methodology Workshop II" organized by the Deptt. of Economics, University of Calcutta, 12-16 October, 2009.
 - "Quantitative Finance Workshop" organized by Indira Gandhi Institute of Development Research, Mumbai , 24-28 December, 2009.

Presentation of Paper/ Talk delivered in Seminar/ Symposium

- Dr. Krishnendu Dutta, Deptt. of Mathematics, delivered a talk on "*Relevance of Quality in Higher Education*" at the NAAC Sponsored National Seminar on "Sustainable Best Practices in Educational Institutions for Quality Assurance" organized by Shyamsundar College, Burdwan on September 11-12, 2009.
- Dr. Subhajit Sen Gupta, Deptt. of English, presented a paper " 'You should be Women': Witchcraft and the Strategies of Subversion in *Macbeth*" at the International Conference on Shakespeare organized by MDU University, Rohtak, Haryana , October 2009.
- Shri Samrat Laskar, Deptt. of English, presented a paper "Humanizing the Environment and Social Ecology: An Ecocritical Study of Amitav Ghosh's *The Hungry Tide*" in the UGC sponsored National Seminar on "Emerging Trends in post 1950s Indian English fiction" organized by Michael Madhusudan Memorial College, Durgapur, 25-26 February, 2010.
- Dr. Gorachand Mandal, Deptt. of Bengali, presented the following papers:
 - "Bangalir Chaitanya" at Nabadwip Puratwatto Parishod on 21.06.2009.
 - "Bangalir Samskrito Sadhana" at Narajole Raj College, Medinipore West on 11.12.2009.
- Dr. Sibsankar Pal, Deptt of Bengali, presented a Paper at Dwijendra Pathagar, Krishnagar on 19 July, 2009.

- Md. Shamim Firdous, Deptt. of History, presented a paper “Ouponibeshik Sashankale Banglay Muslim Sikhhar Prasar O Samasya Ebong Shamsu Nahar Mehmooder Obodan” in the 26th Annual Conference of the Paschim Banga Itihas Samsad, organized by University of North Bengal, 24-26 January, 2010.
- Shri Balaram Das, Deptt. of History, presented a paper “Sahityik O Ouponashik Ramesh Chandra Dutta” in the 26th Annual Conference of the Paschim Banga Itihas Samsad, organized by University of North Bengal, 24-26 January, 2010.
- Shri Anjan Saha, Deptt. of History, presented the following papers:
 - Presented the paper “Multinationals & Mineral Wealth: Historical Evolution in the 19th and 20th Century” in the UGC Sponsored International Seminar on “Globalisation, Capitalist Crisis and Inclusive Development: Myths and Reality”, organized by Departments of Economics, Political Science and Sociology of Lady Brabourne College, Kolkata, 22-23 December, 2009.
 - Presented the Paper “Some Observations on Diplomacy and Military Strategy in Medieval Deccan: Battle of Talikota 1565 AD” in the UGC Sponsored National Seminar on “Administration and Politics in Medieval India: Concept of Kingship & Responsibilities of Muslim Rulers 1206-1707 AD”, organized by Departments of Political Science and Islamic History & Culture, Maulana Azad College in collaboration with Indian Institute of Public Administration, January 12, 2010.
 - Presented the Paper “Revolutionising Warfare in the Indian Sub Continent: Medieval & Early Modern Perspectives” in UGC Sponsored State Level Seminar “Technologies of Revolution: Society, Economy and Polity”, organized by Barasat Govt. College in collaboration with Paschim Banga Itihas Samsad, 4-5 March, 2010.
 - Presented the Paper “Swadhinatar Prakkale ekti Asafal Prayas: Jukto Bango Parikalpana” in the 26th Annual Conference of the Paschim Banga Itihas Samsad, organized by University of North Bengal, 24-26 January, 2010.

- Ms. Sankalita Ghosh, Deptt. of Philosophy, presented the following papers:
 - “Moner poriman Bisoye Yoga ebong Nyaya mote tulona mulak alochana” in a National Seminar organized by Rabindra Bharati University on 31 March, 2010.
 - “Sources of Rabindranath Tagore’s Philosophical Thought” in the First Asian Philosophy Congress, organized by ICPR, JNU, New Delhi on 9 March, 2010.
- Shri Preetam Ghosal, Deptt. of Philosophy, presented the following papers:
 - “Sabder Aparaksatva-jnanajanatva Vicara” in the National Seminar, organized by Rabindra Bharati University on 4 September, 2009.
 - “Achintyabhedabhedavada” in the First Asian Philosophy Congress, organized by ICPR, JNU, New Delhi on 9 March, 2010.
 - “Vedanta Darsana O Caitanya Deva” at Abanindra Sabha Griha on 22 September, 2009.
- Dr. Arindam Dasgupta, Deptt. of Geography, presented the following papers:
 - “Development Project and Its Impact on Local Economy and Social Conditions: A Case Study of Kolaghat Thermal Power Plant, Kolaghat, Purba Medinipur, West Bengal” in the International Conference On “Strategic Management of Energy, Environment and Disaster for Sustainable Development” organized by Banaras Hindu University from 11-15 January, 2010.
 - “Resource Management: Perspectives of Developing and Developed Countries” at a State Level Seminar on “Modern Perspectives of Resource Management” organized by Hijli College, Paschim Medinipur, February 2010.
 - “Global Water Crisis and the Emerging Role of Transnational Corporations in Water Trade- Areas of Concern in the context of Water Justice” in the International Conference on “Environment, Resource and Regional Development” organized by Department of Geography, University of Burdwan, 8-9 March, 2010.

- Ms. Rituparna Khan, Deptt of Geography, presented a Paper entitled “Border Migration and Its Impact” at the International Conference on “Environment, Resource and Regional Development”, organized by Department of Geography, University of Burdwan, 8-9 March, 2010.
- Shri Suman Paul Deptt. Of Geography, presented the following papers:
 - “Environmental Perception: An appraisal on the Urbanites of Krishnagar City” in 31st Indian Geography Congress (NAGI): 19th – 21st November’ 2009 Organized by Dept. Geography: Rani Durg University on ENVIRONMENT, CULTURE AND DEVELOPMENT.
 - “Risk Assessment for Flood Hazard through RS & GIS: A Case Study on the Southernmost Blocks of the Districts of 24 Parganas, West Bengal” in INTERNATIONAL CONFERENCE ON STRATEGIC MANAGEMENT OF ENERGY, ENVIRONMENT & DISASTER FOR SUSTAINABLE DEVELOPMENT: 11th – 15th January’ 2010 Organized by Banaras Hindu University.
 - “Prioritization of Accident Black Spots: A case Study under Kolkata Police Station” in INTERNATIONAL CONFERENCE ON ENVIRONMENT, RESOURCE AND REGIONAL DEVELOPMENT: 8th & 9th March, 2010 Organized by Dept. of Geography, Burdwan University – Paper Presented on
- Shri Ayan Das Gupta, Deptt. Of Geography, presented the following papers:
 - “The Scenario of Food Security in West Bengal – A Critical Appraisal” in the National Seminar on “Contemporary Issues on Environment & Development, India” organized by ILEE, 9-11 January, 2009.
 - “Contemporary Urban Issues and Challenges of Englishbazar Municipality of District Malda – A Step Towards Sustainable Development” in the National Seminar on “Ganga Delta: Development Perspectives”, organized by the Department of Geography, University of Calcutta, 11-12 March, 2010.

- Shri Joyjit Dhar, Deptt. of Economics, presented a paper “Investment Management of Mutual Funds: Evidence of Timing and Selectivity from India” in the “12th Money and Finance Conference” organized by Indira Gandhi Institute of Development Research, Mumbai on 12 March, 2010.
- Dr. Debajyoti Chakrabarty, Deptt. of Zoology, presented a paper in an International Conference on “Food Security and Environmental Sustainability” (FSES 2009) organized by IIT, Kharagpur on 17-19 December, 2009.
- Dr. Ashoke Bhattacharya, Deptt. of Botany, presented the following papers:
 - “Does Canopy Height determine the pollen viability and stigma receptivity? A cross-population observation on *Shorea robusta*” in an International Conference on “Environmental Science (Mother Earth)I” organized by The University of Burdwan, 13-15 February, 2010
 - “Pollen, pollinator and pollination: An Ecological Perspective” in a National Conference on “Plant Science” organized by Department of Botany, Visva Bharati University, 14-16 March, 2010.
- Ms. Tulika Talukdar, Deptt. of Botany, presented a paper in a National Seminar on “Angiosperms Taxonomy”, organized by The Botanical Society of Bengal, Deptt. of Botany, University of Calcutta, 9 January, 2010.
- Dr. Pintu Banerjee, Deptt. of Botany, presented a paper on “Somatic embryogenesis *Arachis hypogea*” in the National Conference on Biodiversity and Natural Resource Utilization, held at Visva Bharati on March 14 – 16, 2010.
- Dr. Sharmistha Maity Deptt. of Botany, presented a paper on “Influence of different PGRS as well as different explants on the different models of plant regeneration in *Bauhinia Variegata* – a fuel yielding plant” in the National Conference on Biodiversity and Natural Resource Utilization, held at Visva Bharati on March 14 – 16, 2010.

8. Total number of seminars / workshops conducted:

Promotion of effectivity and quality in teaching and research require a congenial academic environment and the exposure to the latest trends and developments in different directions. Keeping it in mind the College planned to organize seminars/ workshops during the session 2009 – 2010.

Details are as follows:

1) A day long workshop on curriculum design of Environmental Science at UG level was held on 26/02/2010 in association with the University of Kalyani. Teachers from different Colleges under this University actively participated in this workshop.

2) A seminar in the Deptt. of Zoology was held on 29/08/2009 where Prof. T. Midya of Presidency College, Kolkata addressed the students.

9. Research projects:

To promote academic excellence and to enhance quality competence faculties are to be engaged in research work and they must have a regular publication in referred journals. The list of funded research projects of different faculties and their outlays are as follows:

Funding agency and nature of project	Principal Investigator and Department	Status
UGC, Minor Research Project	Dr. Krishnendu Dutta, Mathematics	Completed
UGC, Minor Research Project	Dr. Prabir Kumar Das, Chemistry	Completed
UGC, Minor Research Project	Dr. Arindam Dasgupta, Geography	Completed
UGC, Minor Research Project	Dr. Indranil Acharya, English	Completed
UGC, Minor Research Project	Mousumi Bhar, Economics	completed
UGC, Minor Research Project	Debjani Mitra, Geography	Completed
UGC, Minor Research Project	Dr. Subhajit Sen Gupta, English	ongoing
UGC, Minor Research Project	Dr. Amalendu Ghosh, Mathematics	ongoing

10. Patents generated, if any: NIL**11. New collaborative research programmes:**

- Dr. Debajyoti Chakraborty, Deptt. of Zoology, is associated in a Collaborative Research Work titled “Implementation of Agrotechniques towards recovery of lost soil fertility to salinity after Aila incidence in Dayapur Island of Sunderban Areas” with Prof. B. C. Ghosh, Food and Agricultural Deptt , IIT, Kharagpur.
- Dr. Amalendu Ghosh, Deptt. of Mathematics, is associated in a collaborative research programme with Professor Ramesh Sharma, University of New Haven, West Haven, CT-06516, USA.

12. Research grants received from various agencies:

UGC is the major funding agency from where the faculties received research grants for pursuing research projects. In Govt. grants there is no specific head for research but Department of Higher Education, Govt. of West Bengal grants funds for purchase of many instruments, books and journals which help the faculties to pursue their research activities.

13. Details of research scholar:

- Dr. Nimai Chandra Saha

Under his guidance the following research scholars are working / awarded Ph.D.

Ph.D. awarded

- 1) Falguni Bhunia.
- 2) Arpan Kr. Maity.

Registered for Ph.D.

- 1) Kishore Dhara

➤ Dr. Debajyoti Chakraborty

Under his guidance the following research scholars are working / awarded Ph.D.

Ph.D. awarded

- 1) Sanjib Kumar Das

Registered for Ph.D.

- 1) Mrinal Das
- 2) Prabir Biswas

Sri M. P. Bag, research scholar of Aquacultural Engineering and Rural Development Cell of IIT kharagpur is doing his partial research work leading to Ph.D. degree in the Department of Zoology under the supervision of Dr. D. Chakraborty.

14. Citation index of faculty members and impact factor:

- Dr. Jayanta Biswas, Deptt. of Zoology, has published articles in International journal having the Impact Factor: 2.16.
- Dr. Shyamapada Shit, Deptt. of Chemistry, publishes article in International journals having Impact factor from 0.71 to 1.985.
- Dr. Ashoke Bhattacharya, Deptt. of Botany, has published articles in International journals having the SCI: 54, Impact factor: 8.23.
- Dr. Amalendu Ghosh, Deptt. of Mathematics, has published articles in International journal having the Impact Factor: 0.625 and Citation Index of 1.085.

15. Honours / Awards to the faculty;

- Dr. Rajashree Dasgupta, Deptt. of Geography, was awarded PhD Degree from Jadavpur University on 27 July, 2009.
- Dr. (Mrs.) Subha Bose Banerjee, Deptt. of Physiology, was awarded PhD Degree from Jadavpur University on 26.08.2009.
- Dr. Enamul Haque, Deptt. of Zoology, was awarded PhD Degree from Jadavpur University, December 2009.

16. Internal resources generated:

This is a Government Institution; all expenses are made from Government grants and options to generate internal resources are very limited.

17. Details of departments getting SAP, COSIST(ASSIST)/ DST.FIST etc. assistance / recognition:

NIL

18. Community services:

Under the National Service Scheme (NSS) which have two functional units (i.e., NSS-I and NSS-II) has performed the following events in this academic session:

- Tree plantation program throughout the campus in the month of September on the occasion of Afforestation week.
- Cleaning of College and its surroundings on the birth anniversary of Dwijendralal Roy, the noted poet and dramatist and one of the eminent students of this Institution.
- Health awareness camp at 'Ghurni Natunpara' under Bhanderkhola Gram Panchayet, Nadia district which was adopted by NSS unit on 2005.
- A day long workshop was held in association with Liver Foundation of India to aware the student about the malfunctioning of liver and its prevention.
- "TB Seal" sale campaign in December and January 2009 to help from the proceeds the treatment of the poor tuberculosis patient through the Tuberculosis Association of West Bengal.
- Blood Donation camp was organized in July 2009 in association with Students' Union of the College and District Blood Donors Association where more than 300 students were participated.
- On 21/03/2010 a seminar was held in collaboration with Red Ribbon Club on AIDS awareness among the students.

The NCC unit of the College (which is exclusively for girls cadets) under the leadership of the Physical Instructress were actively involved in several community services like participation in camp on First Aid awareness AIDS etc. with the BSF jawans, distribution of clothes food, study materials to the orphans through NCC office etc.

Apart from that few faculties are also engaged in different extension activities like -

- Sm. R. Khan of the Deptt. of Geography (as a member of an NGO, ZEST) works for the welfare of deprived and neglected street children of Kolkata.
- Sri. U. Mandal of the Deptt. of Philosophy (as Vice president of a voluntary organization) works for the welfare of socially backward classes of Nadia district.
- Md. Samim Firdous of the Deptt. of History is an active member of the earth quake relief fund of Aligarh Muslim University.
- Dr. Ashoke Bhattacharyya works on literary mission among the illiterate villagers in Bhirhum district.

19. Teachers and officers newly recruited:

New teachers have been recruited by the Department of Higher Education, Government of West Bengal through the West Bengal Public Service Commission in the West Bengal Education Service cadre (WBES) and some of them have been posted in this College. Besides the Department of Higher Education also transfers teachers from other Government Colleges in West Bengal as per need of the College and vacancy position. Recently 18(eighteen) teachers duly recommended by the PSC, West Bengal have joined this Institution and the list is furnished below.

Sl. No.	Name	Department
1.	Samrat Laskar	English
2.	Roopamala Saha	English
3.	Sanchita Kundu	Sanskrit
4.	Balaram Das	History
5.	Anjan Saha	History
6.	Nabamita Barman	Pol. Scinece
7.	Irani Sil	Philosophy
8.	Tamoghno Sarkar	Philosophy
9.	Ayan Das Gupta	Geography
10.	Rajashree Das Gupta	Geography
11.	Gobordhan Rano	Mathematics
12.	Subrata Mukhopadhyay	Mathematics
13.	Tapati Mullick	Chemistry
14.	Dhrubo Prasad Chatterjee	Chemistry
15.	Ujjwal Das	Physics
16.	Biswajit Pal	Physics
17.	Urmi Mitra	Zoology
18.	Achintya Mohan Goswami	Physiology

20. Teaching – Non-teaching staff ratio:

71 : 43

21. Improvements in the library services:

- Library resources are being computerized.
- Reprographic facility
- Reading room facility is fully reorganized to accommodate more students.
- Books and journals related to career guidance and higher studies.
- Generator facility
- Introduction of e-library facilities

22. New books/ journals subscribed and their cost:

In this session total 2316 (number of titles – 1352) number of books have been purchased both from Government grant (Rs. 5,75,000/-) and UGC Grant (Rs. 77,500/-) which cost Rs. 6,52,500/-. Library has subscribed several journals from the previous year but in this year two more journals were subscribed worth Rs. 18,769/-. Collection in the library as per Accession Register is 67,502. Total collection including rare collection and gifted books is around 85,000.

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

The credibility of the teachers' actual performance is evaluated through students' feedback and the College has all the machinery to evaluate teacher's performance. The feedback form as per NAAC guidelines are provided specially to outgoing students who submit the same in dully filled in form without disclosing their identities. If any negative remark arises the respective head of department discusses the matter with the concerned faculty and help him/her to overcome it. In case of serious allegations the matter is brought to the notice of the Principal who gives the concerned a personal hearing to solve the crisis and monitors his/her performances. It is needless to mention that as a result of this the concerned teacher becomes careful thenceforth. These ensure the best performance of a teacher in the class room and thus enhance the quality of teaching leaning process of the Institution.

24. Unit cost of education:

[Unit Cost = total annual expenditure budget (actual) divided by the number of students enrolled]

Rs. 24,569/-

Rs. 2,859/- (excluding salary components)

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

The entire College administration is computerized with LAN and partial Internet facilities. Each section is equipped with computer and printer and most of the information is stored in computer database. The entire admission process, fees collection, student database, salary bills of teaching and non-teaching staff, maintenance of financial accounts are carried out using specific softwares like COSA (developed by NIC, Govt. of India), TALLY etc. The department of Physics and Mathematics trained the non-teaching staff to use these softwares from time to time.

26. Increase in the infrastructural facilities:

In the middle of the academic session (2009 – 2010) the construction of 64 seated two storied ladies hostel was started with the financial assistance from UGC X-th plan. The ground floor is nearing completion and we expect that facilities can be made available from the next academic session (2011-12).

27. Technology upgradation:

- Installation of office software COSA for preparation of salary bills of the staff of the College.
- Purchased FAX machine.
- Purchased new sophisticated instruments like UV-Vis spectrophotometer, high resolution microscope etc. for central instrument room.
- Language Laboratory

28. Computer and internet access and training to teachers and students:

Both students and teachers have ready access to internet facilities. Every department has computer with internet facilities and the faculties utilize it to surf latest course materials on subject. Apart from that faculties use it for their research work too. There is a Network Resource Center in Physics block where the students have free access to internet throughout the day for preparation of their seminars and group projects. Computer programming is also in the course curricula for both Physics and Mathematics UG students and they have practical classes in computer center where they are trained by expert faculty members. Geography department provides a small computer lab where UG and PG students get training on GIS (Geomatica) software and programming related to digitization of maps and Remote Sensing. Finally the aim of our Institution is to produce computer literate persons i.e., all students should have basic knowledge of computer operations and programmes and actions are being taken to provide all students with O-level programmes free of cost.

29. Financial aid to students:

The Institution is located in one of the poorest districts of West Bengal. A considerable portion of the students are first generation learners. They come from poor financial background and guardians are mainly rishkaw pullers, daily labourers and or marginal farmers. To promote education among all sections and to give chance to educate the poor but meritorious students, the College continues to support these pupils by way of various scholarships. The schemes by which the College offers financial support to poor students are:

- Full and half free studentship.
Number of full Concession: 248
Number of half Concession: 192
- Scholarship to SC/ ST students from the BCW Department of the Government
Number of awardees: 409
- Scholarship to the wards of Beedi workers from the Ministry of Social Welfare Govt. of India.
- Scholarship from the Mass Education Department of the Govt. of West Bengal.
- Merit-cum-Means scholarship from the Director of Public Instruction, West Bengal.
Number of awardees: 111.

- Stipend from Hazi Md. Mohsin Fund.
- Scholarship for minority students from the Government of West Bengal.
- Various scholarships from different NGO's.
- Poor Fund of the Students' Union.
- Nadia Raj scholarship.
- Rastriya Sanskrit Sansthan scholarship.

30. Support from the Alumni Association and its Activities:

Student welfare has always been a joint venture of the College and the Alumni of Krishnagar Government College. The College always receives valuable suggestions for improvement and innovations in the changing scenario and sturdy supports from its distinguished alumni. Their ideas and suggestions are of tremendous value to the budding scholars. The Alumni Association plays an active role in grooming the students for placement and career.

31. Support from Parent – Teacher Association and its Activities:

The aim of this association is the complete development of each student from familial as well as collegiate angle. Though this is not a registered association, they meet at least once in a year in the middle of an academic session. This is an open forum where parents and teachers interact with each other about the drawbacks and shortcomings of each student and analyze their difficulties so that a student can bring laurels to the Institution. Moreover it is a platform for both the parents and their wards to give their suggestions for betterment of the Institution and a place for evaluation of the teachers though there is a formal feedback process in each department from the outgoing students.

32. Health service:

All students are members of the “Student Health Home” from the day of their admission and they are eligible to get free medical checkup, treatment and hospitalization (if necessary). We are in a process to open a Health Center in our College for regular health checkup for both students and teachers. We also planned to create a blood group database for the students through this centre.

All teaching and non-teaching members are State Government employees, so they can avail free treatment in nearest Government Hospital at Saktinagar, a kilometer away from the College campus. For complicated treatment they are sent to referral Government hospital at Kolkata. Moreover, a Health Insurance scheme of NIC under GI scheme is functional for employees. Recently, the government of West Bengal announced a health scheme for its employees where employees can treat themselves or their dependants in designated private hospital also in lieu of their medical allowance and we are in a process to include our staff members under this scheme.

33. Performance in sports activities:

The College Annual Athletic Sports meet for the academic session was held on 29/11/2009. The students of the various departments actively participated in different events. There is a prize distribution process for individual events to encourage students to participate more and more in such occasion which helps the physical and mental growth of a student. From this sports meet the College selects and sends the promising student to participate in different sports competition like Inter Government College Athletic Meet, Intra University Sports Meet etc. Below is the list of students who had participated in different sports meets and awarded certificate of merit during the academic session 2009 – 2010.

Sl. No.	Name of the student	Class/Year	Event	Level	Position
1.	Amitava Roy	B.A.(2 nd Yr.)- Hist(H).	Javelin	Inter Govt. College	1 st
2.	Ashoke Kr. Sarkar	B.Sc.(3 rd Yr.)- Zoo(H).	Discus	Do	1 st
3.	Md. Jahidul Islam	B.A.(1 st Yr.)- Gen.	400 mtr. run	Do	1 st
4.	Subhankar Mondal	B.A.(3 rd Yr.)- Gen.	Javelin	Do	3 rd
5.	Ranjit Kr. Sardar	B.A.(2 nd Yr.)- Gen.	1500 mtr. run	Do	3 rd
6.	Raju Barman	B.A.(1 st Yr.)- Gen.	Broad Jump	Do	2 nd
7.	Arpana Das	B.A.(3 rd Yr.)- Gen.	100 mtr. run	Do	1 st
8.	Suhhandra Debnath	B.A.(1 st Yr.)- Gen.	Broad Jump	Do	1 st
9.	Sushmita Das	B.A.(3 rd Yr.)- Gen.	Shot put	Do	1 st
10.	Saroj Halder	B.A.(2 nd Yr.)- Gen.	cricket	Intra Univ.	Particip ated

34. Incentives to outstanding sportsperson:

There are scholarships (waiving of tuition fees) for outstanding sports person. They are felicitated with trophies and they are provided with kits, sports equipments, track suits etc. They are also given exemption from attending classes regularly and the faculties pay special attention to teach them. Further, we have Sports Quota for students who have participated at least in any state level competition.

35. Students achievements and award:

The College is a premier Institute under the University of Kalyani and in every year students secure good marks in University examinations and a good number of students are in the rank list in different subjects as published by the University. Below is the list of the departments and the number of first class awardees in the academic session 2009–2010. University has not yet published the rank list for the academic session 2009–2010 so it is not possible for us to provide the rank list.

Name of the Deptt.	No. of 1 st class
Mathematics(UG)	09
Physics(UG)	04
Chemistry(UG)	02
Zoology(UG)	03
Botany(UG)	01
Physiology(UG)	03
English(UG)	02
Pol. Science(UG)	04
Sanskrit(UG)	31
Philosophy(UG)	14
Philosophy(PG)	12
Geography(PG)	19

In Youth Parliament and Quiz competition which was held in Jan 09 in association with Ministry of Parliamentary Affairs, Govt. of West Bengal, our College was the **State Champion** in Quiz contest event and awarded the best parliamentarian award in district level Youth Parliament contest.

36. Activities of the Guidance and Counseling Cell:

The Guidance and Counseling Cell of the College is functional with the help of few senior faculties and it is actively engaged in ensuring adequate student benefit and their mental and psychological growth. This Cell also helps the aspirant students in their career guidance and give them exposure about higher studies and research. Thus it undertakes several activities in the current year to enable maximum student welfare.

37. Placement services provided to students:

We have a placement cell for smooth functioning of campus interviews of various companies coming for placement and circulate adequate information for off-campus recruitment. Final year students appeared for campus interviews and in this year eight students have been selected for HDFC Standard Life Insurance Corporation Ltd. Good numbers of students were qualified for School Service

Commission Examination – 2010. Besides, the Cell used to wide circulation of items like competitive examinations, displays magazines like Employment News, Rozgar Samachar, Karmakhali, Competition Master, Competition Review etc. and also provides the students with various books and study materials in English and Bengali for employment oriented examinations. The Cell also used to maintain a very good relation with the District Employment Exchange under the Department of labour, Government of West Bengal regarding career opportunities and options for the students.

38. Development programmes for non-teaching staff:

As such there is no formal training session for non-teaching staff but the senior faculty members are always in touch with the office administration for implementation of various new issues related to Income Tax calculation, Pay fixation and Career advancement scheme, proper functioning of office software etc.

39. Best practices of the Institution:

- Admission process is completely transparent and done through counseling strictly according to merit observing reservation criteria of the government for SC/ST and PH candidates.
- Free access to computer and internet facility for all students and staff.
- Slow and advanced learners are identified and special care is taken to cater to their different needs.
- Extensive use of technology in the teaching-learning process.
- Teachers are encouraged to undertake research work.
- Extensive financial support to economically weaker section of the student community.
- Students are encouraged to participate in sports, extracurricular and cultural activities for their all round development
- Regular student feedback is taken to improve the teaching quality.
- The authority always tries to involve students, teachers, non teaching staff, alumni and all the stakeholders in the functioning of the college in its endeavour to achieve academic excellence and to sustain it.
- Special effort is given for community development through its NSS unit.

40. Linkage developed with National/ International, academic/ research bodies:

NIL

41. Any other relevant information:

- It is a proud privilege for us to announce that our College is one of the 149 Colleges of India who was conferred the “*College with Potential for Excellence*” status during the XI - Plan of UGC. Moreover this is the one and only one College under the University of Kalyani to receive such prestigious status.
- The College receives financial support of rupees five lacks each from the UGC XI th Plan for imparting coaching for SC/ ST/ Minorities / OBC (non-creamy layer) in two schemes one for remedial coaching and another for entry in services. Both the courses were already started and there is a good response from the students to avail these courses.

List of Publication of the faculty members in the last academic session (2009 -2010)

- Dr. Nimai Chandra Saha, Principal of the college, has published the following:
 - A.K.Maiti, G.Paul, B. Maity, D. Majumdar, **N.C.Saha.** (2009). “Chromium III Exposure inhibits brain Na⁺ K⁺ ATPase activity of *Clarias batrachus* involving lipid peroxidation and deficient mitochondrial electron transport chain activity”. Bull Environ Contam Toxicol. DOI 10.1007/s00128-009-9827-0.
 - A.K.Maiti, G.Paul, B. Maity, **N.C.Saha.** (2009). “Inhibition of mammalian brain Na⁺ K⁺ ATPase exposed to Zn²⁺: Role of peroxidation and mitochondrial electron transport chain activity”. 36th International Congress of Physiological Sciences (IUPS 2009), (July 27th – August 1st, 2009 in Kyoto, Japan). Abstract no – 00129. Acceptation Date: 23.02.09, 13:38:20 IST.
 - A.K.Maiti, G.Paul, B. Maity, **N.C.Saha.** (2009). “Role of lipid peroxidation and mitochondrial electron transport chain on the Na⁺ K⁺ ATPase activity in rat brain exposed to Ni²⁺ ions”. 36th International Congress of Physiological Sciences (IUPS 2009), (July 27th – August 1st, 2009 in Kyoto, Japan). Abstract no – 00154. Acceptation Date: 23.02.09, 11:51:17 IST.

- A.K.Maiti, G.Paul, **N.C.Saha**. (2009). "Oxidative Stress induced inhibition of rat brain Na⁺ K⁺ ATPase exposed to Ni²⁺ ions: Involvement of lipid peroxidation and deficient mitochondrial electron transport chain activity.". 36th International Conference on Integrative Physiology: Modern Perspective and Platinum Jubilee Celebration of the Physiological Society Of India, Nov 12 to 14, 2009.
 - A.K.Maiti, G.Paul, **N.C.Saha**. (2009). "Effect of lead toxicity on oxidative stress Na⁺ K⁺ ATPase and mitochondrial electron transport chain activity of mammalian brain.". Proceedings of the School and Symposium on advanced biological inorganic chemistry (SaBIC- 2009) Nov 2 to 7, p 207-209.
 - A.K.Maiti, G.Paul, **N.C.Saha**. (2009). "Inhibition of Na⁺ K⁺ ATPase and mitochondrial electron transport chain activity of mammalian brain by mercury induced oxidative stress." Proceedings of the School and Symposium on advanced biological inorganic chemistry (SaBIC- 2009) Nov 2 to 7, p 176-178.
 - A.K.Maiti, G.Paul, **N.C.Saha**. (2009). "Effects of lead on oxidative stress, Na⁺ K⁺ ATPase and mitochondrial electron transport chain activity of the brain of *Clarias batrachus*". Bull Environ Contam Toxicol. (Accepted for publication)
- Dr. Gorachand Mandal, Deptt. of Bengali, published the following papers:
- "Bharatiyo Bhakti Andolon: Sufibad O Chaitanyana", published in *Dosdishi*, Kolkata, July 2009.
 - "Bangalir Samskrito Sadhana" published in *Smaranika*, Deptt. of Sanskrit, Narajole Raj College, Medinipore West.
- Dr. Swarup Bose, Deptt of Bengali, published the following papers:
- Gitanjali: Sato Barsho Pore Fire Dekha, Kalyani Boimela, 2009.
 - Swarnakumari Devi O Bangla Vasay Bignan Chorchha, *Ajker Protivas*, 2010.

- Dr. Ranku Das, Deptt. Of Bengali, published the following papers:
 - Kabuliwala: E Parabase – Je Parabase, *Rabindrogalper Akar-O-Akor*, ed Prodyut Biswas, Books Way:Kolkata, September 2009.
 - Chhelebela: Jiban anudhyaner Pratham dhap, *Bangla Sishu O Kishore Sahitya: Adhunik Bichar*, ed. Prabir Pramanik, Bangla Sahitya Samsad: Kolkata, January, 2010.
- Mrs. Nivedita Chakraborty (Dutta), Deptt. of Bengali, published the paper “Narishiksha O Begum Roquea” – published in *Anyaman Sharad Sankhya*, October, 2009.
- Md. Shamim Firdous, Deptt. of History, published three books with the title i) *Nirbachito Prabandha* ii) *History and Marketing of Consumer Durables* iii) *Selected Essays*.
- Shri Balaram Das, Deptt. of History, published an article on “Historical Background of the Movement of Chaitanyadeba in Bengal” published in *Dosdishi*, Kolkata, July 2009.
- Shri Anjan Saha, Deptt. of History, published the article “Rajya samhuher Punorgathon: Prasango Pascchim Banggo”, *Itihas Anusandhan*, Vol. – XXIV (Firma KLM, Kolkata, 2010).
- Shri Preetam Ghosal, Deptt. of Philosophy, published a paper with the title “Acintyabhedabhedabimarsa: Jiva O Brahmer Sambandha Visaye Goudiya Vaisnava Mat Vicara”, *Dosdishi*, Kolkata, July 2009, 171-208.
- Shri Ayan Das Gupta, Deptt. Of Geography, published the following papers:
 - “Livelihood of the Gonds – A Sociocultural Appraisal”, National Journal, ILEE, December, 2009.
 - “Big Dams and Intervention in River Regimes An Overview”, The Observer, a journal published by The Students’ Geographical Association, University of Calcutta, April 2009

- Dr. Asim Mitra, Deptt. of Botany, published one article “The Legendary Brahmakamal” in *Science Reporter*, November 2009.
- Dr. Asoke Bhattacharya, Deptt. of Botany published the following papers:
 - **Bhattacharya, A.** 2008. “Ant-pollen interaction in some angiosperms of Eastern India.” TERRA NOSTRA, IPC-XII/ IOPC-VIII, 27-29. BONN, GERMANY.
 - **Bhattacharya, A** and Mandal, S. 2009. “A Contribution to the Floral Biology, pollination and Fruit Set in *Coriandrum Sativum* Linn. Ind. J. Bot. Res., Vol. 4 (344), 341-348.
- Ms. Tulika Talukdar, Deptt. of Botany, has published the following paper:

Talukdar, Tulika and Sobhan Kr. Mukherjee, “Comparative morpho-anatomical studies of Cypselas in ten species of the tribe-Heliantheal (Composital Asternaceae) and their taxonomic significance”. Proceedings of National Seminar on Angiosperms Taxonomy, p 9.
- Dr. Debajyoti Chakrabarty, Deptt. of Zoology, published the followings:
 - **D. Chakrabarty**, S.K. Das and M.K.Das. “Earthworm (*Endrillus euginae*) multiplication through variable substrates”. Aquaculture Nutrition 2009 15, 513-516.
 - **D. Chakrabarty**, S.K. Das , M.K.Das and P. Biswas. “Application of Vermitechnology in Aquaculture”. Dynamic Soil, Dynamic Plant, Global Science Books, 2009, 41-43.
 - **D. Chakrabarty**, S.K. Das and M.K.Das. “Relative efficiency of vermicompost as direct application manure in pisciculture”. Paddy Water Environment (2009) 7:27-32.
 - **D. Chakrabarty**. “Comparative study on some organic manure commonly used in Aquaculture”. Our Nature. 7:163-167.

- Dr. Jayanta Kumar Biswas, Deptt. of Zoology, published the followings:
- **Biswas, J.K**, S. Rana, J.N. Bhakta and B.B.Jana. 2009. "Bioturbation potential of chironomid larvae for the sediment – water phosphorus exchange in simulated pond systems of varied nutrient enrichment." *Ecological Engineering* 35:1444-1453.
 - Bhakta, J.N., **J.K.Biswas**, P. Bhakta, Y. Muneke and B.B. Jana. 2009. "Fish stocking density induced growth responses of some biogeochemical cycling bacterial population." *Braz. J. Aquat. Sci. Technol.* 13(2):45-50.
- Dr. Enamul Haque, Deptt. of Zoology, published the followings:
- Ghosh D, Bose A, **Haque E**, Baral R. "Neem (*Azadirachta indica*) leaf preparation prevents leukocyte apoptosis mediated by cisplatin plus 5-fluorouracil treatment in Swiss Mice. *Chemotherapy*.2009, 55(3): 137-144.
 - Baral R, Bose A, Ray C, Paul S, Pal S, **Haque E**, Mishra B, Pal D, Nagpal JK, Panda CK, Das BR. "Association of early phase of colorectal carcinogenesis with STAT3 activation and its relevance in apoptosis regulation". *Exp. Mol. Pathol.*2009 Aug; 87(1): 36-41.
 - Sarkar K, Bose A, **Haque E**, Chakraborty K, Chakraborty T, Goswami S, Ghosh D, Baral R. "Induction of type 1 cytokines during neem leaf glycoprotein assisted carcinoembryonic antigen vaccination is associated with nitric oxide production". *Int Immunopharmacol.*2009 Jun; 9(6):753-760.
- Dr. (Mrs.) Subha Bose Banerjee, Deptt. of Physiology, published the following:
- Haldar AK, **Banerjee S**, Naskar K, Kalita D, Islam NS, Roy S. "Sub-optimal dose of Sodium Antimony Gluconate (SAG)-diperoxovanadate combination clears organ parasites from BALB/c mice infected with antimony resistant *Leishmania*

donovani by expanding antileishmanian T-cell repertoire and increasing IFN-gamma to IL-10 ratio". *Exp. Parasitol.* 2009 June; 122 (2):145-54.

- **Banerjee S**, Ghosh J, Sen S, Guha R, Dhar R, Ghosh M, Datta S, Raychaudhury B, Naskar K, Haldar AK, Lal CS, Pandey K, Das VN, Das P, Roy S. "Designing therapies against experimental visceral leishmaniasis by modulating the membrane fluidity of antigen-presenting cells". *Infect Immun.* 2009. Jun; 77 (6):2330-42. Epub 2009, March 16.

➤ Dr. Amalendu Ghosh, Deptt. of Mathematics, published the following papers:

- "Einstein-Weyl Structures on Contact Metric Manifolds". *Annals of Global Analysis and Geometry* (2009). Vol.35, 431-435.
- "Two Results on (k, μ) – Space", *JP Journal of Geometry and Topology*, Vol.9 (2009), No.3, 285-298.
- "Perfect Fluid...Conformal Killing", (in collaboration with Ramesh Sharma), *J. Mathematical Physics*, Vol. 51 (2010), 022504-1 – 022504-5.
- "HPCV field on Contact Metric Manifolds", to be published in *Acta Mathematica Hungarica*.
- "Certain Results...metric manifolds", to be published in *Asian-European Journal of Mathematics*, Vol 3. (2010).

➤ Dr. Ramnarayan Deb, Deptt. of Physics, published the following:

S. S. Hassan, N. Nayak and **R. N. Deb**. "Atomic squeezed states in a driven Dicke model". *Physics Letters A*, Vol 373, Issue 40, 28 September 2009, pp 3697-3700.

➤ Dr. Sharmistha Maity, Deptt. of Botany publishes the following:

Sandipan Chatterjee, **Sharmistha Maity**, Preetam Chattopadhyay, Angsuman Sarkar, Subrata Laskar and S. K. Sen "Characterization of red pigment from *Monascus* in submerged culture" , *J. of Applied Science and Research*, 5(12)(2009), 2102 – 2108.

Part – C

Details of the plans of the Institution for the next year:

Meeting challenges with conviction is the benchmark of today's success. Enhancement of quality implies urge for dynamic development, self analysis, self assessment and above all self evaluation which enable the Institution to achieve its goal. On that perception IQAC was formed and it has been a vehicle of improvement and progress for the Institution. For the ensuing academic session IQAC has a proposed action of plan in pursuance of the goals of the Institution.

- Considering the teachers to be the torch bearers of the society whose constant updating is essential for efficient teaching learning it was proposed to organize seminars/ symposiums/ workshops etc. on recent development in various fields.
- Library service plays a pivotal role in a higher educational Institution. Thus it was decided to install multi-lingual – multi-user library management software to provide better services to its users. Moreover it is a 164 years old College library where we have plenty of old and rare collections. A proposal is there to setup a fumigation chamber for preservation of rare as well as other collections.
- The Network Resource Center of the College is to be upgraded with main frame server and terminals and it is our intention to give exposure to students about UNIX operating system and open resources.
- A health center will be set up within our campus for emergency treatment and regular health checkups of students and staffs. Also we try to prepare a blood group database for our students for any emergency incidents.
- It was proposed to setup a drama lab in the Deptt. of Bengali as the department offers drama as special paper in its PG course.
- A sophisticated language lab will be setup for training of English and Sanskrit languages to the students.
- The activities of the NSS unit will be extended to correctional homes.
- It was proposed to take up technology up gradation measures.
- An academic journal will be published from the college where the faculties and researchers in and outside the State may contribute research articles. Even the students will be motivated to carry out specific study out of their stipulated course and to write papers for the journal.

Not mere planning but its proper implementation and execution are the prime objective of IQAC. Different committees have been constituted for its proper implementation and IQAC would consistently and constantly strive hard to remove the deficiencies and enhance quality and thereby try to take the Institution to the zenith of success and glory.

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