

Annual Quality Assurance Report
July 2007 - June, 2008

The institution witnessed an eventful academic session from July, 2007 to June, 2008. This academic year has proved to be quite satisfying. We introduced remarkable changes in the academic and at administrative levels. The college applied for the status of Autonomy. The performance of our boys in University Exams and in Entrance Tests for other academic bodies have been quite satisfactory.

Part A

Plan of Action chalked out by the IQAC in the beginning of the academic year 2007-08 towards quality enhancement :

1. Construction of the State of the Art E-Class Room.
2. Installation of a new High Power Generator Set on the college premises.
3. Completion of the On-going construction works.
4. Installation of the water coolers on the 1st floor of the college building.
5. Submission of application to the UGC for Autonomous status.
6. Formation of a registered Cooperative Credit Society for the welfare of the employees of the college.
7. To expedite the process of filling the vacant teaching and non-teaching posts.
8. Submission of application to the CSIR/DST, Govt. of India for conferring the SIRO status.

Outcome Achieved :

- 4 rooms on the top floor of the existing college building and a generator room have already been constructed and rest of the construction works are in progress.
- The construction of the State of the Art E-Class room is near completion.
- Old Generator set has been replaced with new one and a technical employee has been given the charge of its operation and maintenance.
- We have installed more than 2 water coolers for supply of drinking water on the 1st floor of the college building.
- Application for granting Autonomy to our institution has been submitted to the UGC and response has been highly positive. We hope to achieve the status from the next session.
- In the month of April, 2008 a Cooperative Credit Society was registered with the office of the Registrar, Cooperative Societies, Govt. of West Bengal for the

welfare of the employees of the college and has started functioning from the financial year 2008-09.

Part B

1. Some of the activities for the realization of our goals and objectives :

- a. Regular Weekly Meetings for the members of the staff.
- b. Morning and evening prayers and meditations at the hostels and Yoga and Pranayam teachings for students.
- c. Compulsory involvement of the students and the teachers in community service.
- d. Lectures and seminars on Value Education for students.
- e. Annual "Retreat" programme for the spiritual uplift of the members of the staff.
- f. Organizing programs on important occasions viz. National Youth Day, Communal Harmony Day, Christmas Eve, Fateh-do-haz-Dohaum, Birthdays of the great teachers of the world etc.
- g. Regular classes on Indian Culture and routine examinations on the same.

2. Interdisciplinary programmes started :

No new interdisciplinary programme has been started as such during this period. But all the departments of the college collaborate with each other throughout the year, to cater to the needs of the students. For example, the department of History organises regular lectures on literary topics by faculty members from the department of English. Right from its inception, the department of Computer Science has been incessantly helping the various departments with their technical expertise.

3. Examination reforms implemented :

The examination department has organised several meetings during the year with the faculty members and some invited experts to prepare the road map for the pattern of examination-to-be-introduced after receiving the Autonomous status. A core committee is working on the feedback received from the experts in this regard.

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

Most of the examinations referred to here are taken by our students after passing the Post Graduation exams. So, we are not in a position to furnish the complete figures in this regard. But analysis of the data available clearly shows that the success-rate of our students in these exams is quite enviable:

Period	Exams	Chemistry	Math	Stat	Physics	English	History
2007-08	NET	27	-	-	11	-	01
	GATE	11	-	-	12	-	-
	SET	-	-	-	-	01	01
	JEST	-	-	-	06	-	-

TIFR	-	05	03	01	-	-
ISI	-	02	08	-	-	-

5. Initiative towards Faculty development programmes :

Seminars and conferences were organized and conducted by different Honours departments during the year to promote faculty development. Moreover, almost all members of the faculty attended/participated in various such seminars, work-shops, conferences organized by various Institutions/Universities throughout the year.

6. Details of the Seminars/Conferences & Workshops attended by the teachers as resource persons & OPs/RCs attended by them :

The Teachers mentioned below attended and presented papers in the following National/International Seminars/Conferences/Workshops :

Department of Chemistry

1. Dr. Prasanta Ghosh was invited by the Organizing Committee of the Fifth Chemical Research Society of India (Kolkata Chapter) to deliver a talk on his research work at a Symposium held at the Department of Chemistry, Jadavpur University on **August 2, 2007**. The department congratulates Dr. Ghosh on his achievement.
2. Prof. Arun Ghosh, Professor of Chemistry and Medicinal Chemistry, Purdue University, USA, and one of our illustrious alumni, delivered an illuminating seminar talk on “Medicine in Organic Chemistry” on **August 06, 2007**. Prof. Ghosh is one of the Pioneer International Scientists devoted to Research in synthesis of organic drug molecules for diseases like AIDS, PERKINSONS etc. It is to be noted that one of his discovered drugs for curing AIDS has been acclaimed internationally and approved for use.
3. Dr. A.V.Saha delivered lectures as a resource person at the Refresher Courses organised by the Departments of Chemistry of Calcutta and Jadavpur University respectively.

Department of Computer Science

Br. Ajitachaitanya was invited by the International Association of Nanotechnology to present a paper entitled “Genetic Approach to Efficient High Speed Nanodevices” at the International Congress of Nanotechnology (ICNT, 2007) held at San Francisco on November 7-8, 2007. The conference was attended by three Nobel Laureates and about 600 scientists, technocrats and industrialists working in the field. He also delivered lectures on invitation at the Henry Samuel School of Engineering and Applied Sciences at the University of California, Los Angeles on 19th November, 2007 and University of California, Davis, on 9th November, 2007 at the parameters for Nanodevice Fabrication. He also presented his paper orally in France on

List of Publications of Br. Ajitachaitanya **In Referred Journals**

- Anup Kumar Biswas, Gautam M.A., K. Senthil Kumar, Br. Ajitachaitanya and Subir Kumar Sarkar, "ASIC VLSI chip using single electron transistors for traffic Control System", Indian Journal of Phys. [Vol. 81, No. 12, Dec 2007, p 757-766]
- Subir Kumar Sarkar, Ankush Ghosh, Samya Deb Bhattacharya, K. Senthil Kumar and Br. Ajitachaitanya, "Single Spin Logic Implementation of a PN Sequence Generator for Direct Sequence Spread Spectrum Systems, (Accepted for publication in the Journal of Computational & Theoretical Nanoscience, 2007

In International Conference

- Br. Ajitachaitanya, D. Nayak, J.K. Mondal and Subir Kumar Sarkar, "Genetic Approach for efficient high speed nanodevices" Accepted at International Congress of nanotechnology (ICNT 2007) held at San Francisco on 5-8th November, 2007.
- Debasish Samanta, Giriprakash, Anindya Ghosh, J.K.Mondal, Br. Ajitachaitanya and Subir Kumar Sarkar "Single Electron Device based automatic drinking Water Machine" International Conference on Nanotechnology & Health Care Application (NateHCA-07) held on October 11-13,2007 at Centre of Excellence in Telecom Technologies & Management Technology Street Hiranandani Gardens, Powai, Mumbai-400 076, India.
- Ankush Ghosh, T. Datta, Gautham MA., Br. Ajitachaitanya and Subir Kumar Sarkar, "Spintronics Device based VLSI Chip for Error Correction in Wireless Cellular Communication", International Conference on Modeling and Simulation (CITICOMS2007) held on 27-29 August 2007, organized by Coimbatore Institute of Technology, Coimbatore.
- K.Senthil Kumar, P.K.Sahu, P.C.Pradhan, Br. Ajitachaitanya and Subir Kumar Sarkar "Efficient Nano Device for Advanced VLSI System" International Conference on Advanced Communication System 07 (ICACS 2007) , held during 10-12 January,2007, Govt. College of Technology, Coimbatore, Tamilnadu.

In National Conference

- Subir Kumar Sarkar, Samya Deb Bhattacharya, Ankush Ghosh, Goutam M and Br. Ajitachaitanya, "Spintronics Device and on Chip Implementation of Euler Number of a Binary Image", National Conference on Design Techniques for Modern Electron Devices, VLSI and Communication System, organized by National Institute of technology, Hamirpur-177 005, H.P held during 14th-15th May, 2007, pp74-78.
- Subir Kumar Sarkar, S.D.Bhattacharya, P.K.Sahu, Br. Ajitachaitanya, S.C.Das and Sobha Rani , "Soft Computing Tool for Error Detection in the System Parameter Prediction for Efficient Nanodevices" ICIS 2007, DMI College of Engineering, Chennai, held during 19-20 January 2007.
- Subir Kumar Sarkar, D. Samanta, Br. Ajitachaitanya, K. Senthil Kumar, J. Gope and Ankush Ghosh, "Single electron device based string detector for the identification of Frame Delimiters in Data Transfer Protocols", National Conference on Digital Information Management (NCDIM'07), Thadomal Shahani Engineering College & Computer society of India, Mumbai-400050, during 23-24th March 2007.

Department of History :

Participation in Seminars/ Workshops/ Lectures : On 21.01.2008. **Sri Arup Biswas** delivered a lecture entitled **Gandhi : His Relevance Today** at a seminar organised by Khalisani Mahavidyalaya.

Department of Bengali

Prof. Pranab Kumar Sarkar continues to edit the journal *ĀṅṅkPP@v-ṅjvK* published bi-annually. Recently he has been made an honorary member of the Executive Committee of Paschim Banga Lokasanskriti o Adibasi Sanskriti Kendra.

Department of Sanskrit

Observance :The department observed Sanskrit Day on 5th September, 2007

Seminar Lecture : On 1st October, 2007 Department of Sanskrit and Department of History jointly arranged a seminar lecture on "History of Sanskrit Poetics". Prof. Radhavallabha Tripathy, Prof & Head, Department of Sanskrit, Dr. H.S.G. Visudava Vidyalaya, Sagar, MP spoke on the occasion.

Department of Physics

Paper Published : **Soumen Mondal** and Sandip K. Chakrabarti, Nonlinearities in accretion and winds around black hole, International Journal of Modern Physics-D, 16, 1381 (2007) .

Paper Accepted : Prasad Basu, **Soumen Mondal**, and Sandip K. Chakrabarti, 2007, Gravitational wave emission from a binary black hole in the presence of accretion disk in the Pseudo-Kerr Potential (MNRAS, 2007).

Attended International School for Advance Studies : Attended '*School on Astrophysical Fluid Dynamics*' at ICTP, Trieste , *Italy* during 15 October to 26 October for advance studies and presented a talk on the topic '*Pseudo-Kerr Geometry*'.

Attended International Conference : Attended '*Second Kolkata Conference on Observation Evidence for Black holes in the Universe*' during 10th Feb. To 17th Feb. 2008 at Kolkata, India and presented talk on the topic '*Spin of the Black Holes from the properties of Oscillating Shocks*'

Department of Mathematics :

Dr Parthasarathi Mukhopadhyay presented a paper at the 2nd National Conference on Technology and Innovation in Mathematics, IIT. Mumbai held during the period from 29.11.2007 to 6.12.2007. He also chaired a session at the conference. He was invited to a meeting of the Board of Studies, Mathematics, Rabindra Mukta Vidyalaya on 14th December, 2007, which he attended.

Department of Economics :

Prof Apurba Ghosh is on the faculty of I-Create Foundation/NFTE (USA), an organisation working towards youth entrepreneurship development in India. He has participated as a resource person in seminars and workshops conducted by the organisation.

Department of English :

Sri Satyaki Pal spoke on "The Poetry of John Donne and T.S. Eliot" at a seminar organised by the Department of English, Sonarpur Mahavidyalaya on 23rd February,

2007. He also spoke on “Wit in Metaphysical and Neoclassical Poetry” at a seminar organised by Rishi Bankim College for Women, Naihati on 20th February, 2008.

The third year boys and the teachers of the department spent two days at Chandipur-on-sea on 29th and 30th September, 2007

Prof Dipak Sankar Chakraborty is teaching Functional English in Basanti Devi College as a guest lecturer. He has been invited by the Department of Business Administration, St. Xavier’s College, Kolkata, to deliver a few lectures on topics relating to the English language and literature.

Prof Sajal Bhattacharya is now teaching in the Post-graduate department of English, M.U.C. Women’s College, Bardhaman, as a guest lecturer.

Prof Arya Ghosh has successfully completed a one year Diploma Course from the Centre for Studies in Book Publishing, affiliated to Calcutta University. He is now on the Faculty of the Centre as a resource person.

7. No. of Seminars and Workshops conducted :

Department-wise break-up of the Seminars/Workshops conducted/organized during 2007-2008:

Department of Chemistry	:	02
Department of English	:	04
Department of History	:	02
Department of Sanskrit	:	01
Department of English	:	04
Interdisciplinary	:	01
Students’ Seminar: Conducted/participation		
Department of History	:	02

8. No. of Research Projects :

a. Completed

- i. Dept. of Mathematics - 1 (Dr. N Islam)
- ii. Dept. of Computer Science - 1 (Swami Bhudevananda)
- iii. Dept. of English - 1 (Sri Arya Ghosh)
- iv. Dept. of Physics - 1 (Dr. M Purkait)
- 1 (Dr. T Ghosh)
- 1 (Dr. S Mondal)
- v. Dept. of Chemistry - 2 (Dr. P Ghosh)
- vi. Dept. of Economics - 1 (Sri B Chakraborty)
- vii. Dept. of Sanskrit - 1 (Dr. N Dash)

b. Ongoing :

- i. Dept. of Computer Science - 1 (Sri S Banerjee)
- ii. Dept. of Physics - 3 (Dr. M Purkait)
- iii. Dept. of Chemistry - 3 (Dr. P Ghosh)

9. Patents Generated

None

10. New Collaborative Research Programmes

Not through MOA but most of the on-going projects are collaborative in nature. Most of the faculty members unofficially are carrying out their research projects in collaboration with some of the best research institutions in India and abroad in personal capacity.

11. Research grants received from various agencies

From DST, CSIR & UGC, New Delhi For Research Project in Chemistry :

All the on-going projects are funded by Central Funding Agencies. Funds are released from the said agencies (DST, CSIR, UGC etc) from time to time spanning over 2-3 financial years. Our researchers as well as the institution get the final figure of the fund released and utilised in each case upto the completion of the projects.

12. Details of Research Scholars :

Dept. of Physics : (under Dr. M Purkait)

- i) S Ghosh
- ii) R Samanta (UGC-JRF)

Dept. of Chemistry (under Dr. P Ghosh)

- i) Dr. A Saharoy (CSIR-RA)
- ii) Mr. M Biswas (DST-SRF)
- iii) Mr. S Patra (UGC-SRF)
- iv) Mr. P Saha (RKM-JRF)
- v) Mr. S Kundu (CSIR-SRF)
- vi) Mr. S Maity (CSIR-JRF)
- vii) Mr. S Chowdhury (Part-time)
- viii) Mr. M Shit (Part-time)

Dept. of Chemistry (under Dr. P Gangopadhyay)

Mr. S Santra (Part-time)

Dept. of Mathematics (under Dr. N Islam)

- i) Sri S Maity (Part-time, JU)
- ii) Sri A Mondal (Part-time, CU)
- iii) Sri P Karmakar (Part-time, CU)

13. Citation Index of faculty members and impact factor :

Not yet indexed. However, it would not be out of context here to state that a number of research papers published by our faculty members in various national/international journals are quoted in books and research articles by Indian/Foreign scholars either as references or as part of bibliography.

14. Honours/Awards to the Faculty :

None.

15. Internal Resource generated during 2007-2008

<u>Funds</u>	<u>Amount</u>	<u>Donors/Funding Agencies</u>
Purchase of Instruments & Appratus	10,00,000/-	Zilla Parishad, Govt of West Bengal
Purchase of Instruments & Appratus	2,00,000/-	ONGC
Scholarship Fund	96,53,607/-	Donor (Prof. N N Biswas)

This year we also received a sizeable amount as donation from the devotees, ex-students, teachers and other philanthropic organizations. Total amount is generated through internal resources comes at Rs.1.029 crores.

16. Details of Departments getting SAP, COSIST, DST, FIST etc.

For research projects of various departments, the scientists have been receiving considerable support from DST, CSIR, UGC and other funding agencies for implementation of new ones and carrying on the old projects.

17. Community Services :

Active participation in community services forms an integral part of the college life - Monks, teachers, non-teaching members of the staff and students spontaneously participate in various community works and social service programmes organised by the NCC and NSS wings of the college. The Annual Blood Donation Camps have been consistently successful - 188 persons donated blood in December 2007. Moreover, all members of the college actively participate in the annual public celebrations to commemorate the birthdays of Sri Ramakrishna, Sri Sri Maa Sarada and Swami Vivekananda. Nearly 16,000 devotees take prasadam on this auspicious occasion. Other such community services include sale of TB seals, conducting classes for poor local students, giving financial assistance to the needy persons for further studies, adoption of villages for literacy campaign etc. The Alumni association (Mahavidyalaya Praktani) unfailingly reaches out to our ex-students and other needy persons of the society in hours of need, providing them with financial help to meet expenses for higher studies, medical treatment etc. Feeding programme for the helpless and aged persons (about 60) from the neighbouring areas has been in operation uninterruptedly. Our students also provide assistance to local/state civil administration in disaster management.

18. Teachers and officers newly recruited :

In a number of departments so many posts are vacant. We have been requesting the CSC, Govt. of West Bengal to recommend the names but we have not yet received any positive feed back from their side.

19. Teaching-Non-teaching ratio :

Monastic members	:	05	
Teachers (including Principal, Librarian, GLI)	:	41	(sanctioned post 52)
Approved Part-timers	:	03	
Non teaching	:	20	(sanctioned post 29)
Non-Teaching (Hostel Staff)	:	18	(sanctioned post 31)
Ratio	:	1 : 1	

20. Improvements in the Library Services :

The computerization work is nearing completion. Students can borrow books (20 to 25) from the library on a long term basis (for 2 years).

21. New Books and Journal subscribed to and their value :

Total No. of Books/Journals centrally purchased for college library and departmental seminar libraries :

No. of new Books	:	810	Cost = Rs. 1,63,960.00
Journals	:	08	Cost = Rs. 2807.00
Periodicals	:	49	Cost = Rs. 21,784.00
Book Binding	:	715	Cost = Rs. 13,730.00

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

Every year, the outgoing students of UG 3rd Year and PG 4th Semester are invited by the respective Departments to assess their teachers' performance through a set of questions given to them in a questionnaire devised by the Academic Council of the college. The general findings of the analysis used to be discussed at the Teachers' Council meetings previously. Now the system has been revised and the reports are handed over in sealed envelopes to the Principal, who in turn discusses the matters with the teachers individually. The entire exercise is conducted with utmost confidentiality.

23. Feedback from Stakeholders :

The Institution regularly keeps its stakeholders informed about its activities. The stakeholders give their feedbacks, suggestions and advice to the Principal. The Institution tries its best to implement these suggestions.

24. Present Unit Cost of Education :

UC = Total annual expenditure budget (actual) divided by the no. of students on the rolls during the year 2007-08 (Unit cost calculation - excluding salary component)

No. of Students on the Rolls : 686

A. Total expenditure in actual : Rs.2,24,43,007.57 (including salary component)
Unit Cost : Rs.32,715.75

B. Total actual expenditure : Rs.10,98,315.57 (excluding salary component)
Unit Cost : Rs.1601.04

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

Computerization of :

- a. Administration — completed
- b. Process of Admission — completed. Being upgraded.
- c. Examination results — completed.
- d. Issue of Certificates — completed. Being upgraded.

26. Increase in infrastructural facilities :

For details, please refer to Item No. 41 of this Report.

27. Technology up gradation : -Do-

28. Computer and Internet access and training for teachers and students:

Capacities of the computer labs created for the UG & PG science departments have been increased to cater to the needs of the students and teachers.

Internet facility is available to all the teachers and students at their respective departments. After getting connected with the VPN connection (sponsored 75% by the MHRD, Govt. of India) the college is now in a much better position to provide the Internet facility to the departments also.

29. Financial Aid to Students:

We give adequate financial assistance to our students in various ways, viz.

- Scholarships -National, State, Talent-Search, Merit-cum-Means etc.
- Aid to meritorious students
- Subsidies on hostel fees (in some cases even upto 100%)
- Aid to physically challenged students
- Aid for pursuing higher studies in India and abroad alike
- Aid to ex-students going abroad for higher studies
- We get funds from a number Trusts, Foundations, Private Organizations, State and Central governments and our teachers and devotees.

Details of the Financial Aids/Scholarships disbursed during 2007-08 :

Students Aid Fund	: Rs.2,15,755.00
Scholarship & Stipend	: <u>Rs.7,30,000.00</u>
Total	: Rs.9,45,755.00

30. Activities of /and support from Alumni Association:

a. Activities: It has created a fund with a view to helping those retired members of the non-teaching staff who do not enjoy pension benefits.

b. Support:

i. The Association has extended an educational aid of Rs.34000/- to our ex-students for pursuit of higher studies.

ii. It has also extended financial help to the tune of Rs.28000/- to ex-students and other needy persons for their medical treatment.

iii. Members of the Alumni this year too offered their voluntary services in the following areas:

1) Free medical treatment at our hospitals

2) Taking special tutorial classes in various departments according to their respective needs.

31. Activities and Support from the Parent-Teacher Association:

Neither do we have such an association, nor do we feel any need for one. However, an institution-parent relationship is maintained informally. Parents meet the Principal, wardens, monks as and when necessary.

32. Health Services:

We have a well-equipped hospital with 40 beds including a special ward for infectious diseases. In addition to a full-time resident medical officer, a number of committed specialists, mostly our ex-students and devotees, regularly visit the hospital to treat our students, teachers, and members of the non-teaching staff. Patients (Ashramites) are admitted to the hospital for indoor care under the special supervision of these specialist doctors. We also maintain an ambulance facility.

33. Performance in Sports activities:

Regular training is given to the students to develop skills in sports, physical exercises and athletics. They played a number of friendly football, cricket and table tennis matches and participated in several tournaments organised by C.A.B. and C.U. in 2007-08.

The Annual College Sports was held on 14th and 15th December, 2007 at our Ashrama Sports complex.

The **Intra-college Cricket Championship** was won by the 2nd year. **The Intra-college Table Tennis Tournament** is on. **The Intra-college Football Championship** was won by the 3rd year boys. We played a Friendly Football Match with Sreerampore Kalyan Samiti, Garia, on 6th October, 2007. The college hosted the Non-Government College Athletic and Football Meet 2007-08 organised by the Department of Sports, Government of West Bengal at the Ashrama Sports Complex. The Athletic Final was held on 26th February, 2008, and the Football final was held on 4th of March.

34. Incentives to outstanding sports persons:

- Supply of required kits and sports accessories of various kinds.
- Financial help.
- Preference in respect of admission to the College.
- Organising special tutorial classes for them to compensate them for their Sports-leaves.

35. Results :

B.A. and B.Sc. (Honours) Courses

Year	Percentage of success	First Class holders in Honours
2007	100	49 (Phy 15, Chem 9, Math 9, Stat 8, Comp.Sc.7,Hist 1)

Admission to M.Sc. : (All India Level)

IIT	ISI	IISC, Bangalore
10	16	6

Results of M.Sc. Part II final Examination 2007 in Chemistry. All the students were placed in the 1st Class :

Sri Subhankar Santra	782
Sri Sumanta Dari	780
Sri Saurav Maiti	772
Sri Susovan Maity	764
Sri Snehashis Mandal	763
Sri Biswajit Bera	762
Sri Debabrata Jana	755
Sri Samiddha Pande	733
Sri Sarat Chandra Patra	728
Sri Indranil Sen	727
Sri Jayanta Adhikary	726
Sri Mrinal Kanti Das	725
Sri Aniruddha Bandyopadhyay	716
Sri Abhisek Nag	715
Sri Priyabrata Roy	710
Sri Sudipta Mitra	709
Sri Suman Kumar Samanta	699
Sri Suman Kalyan Panja	670
Sri Susanta Mandal	664
Sri Kalyan Naskar	646

36. Activities of the Guidance and Counseling Unit:

A number of Kolkata based IT and industrial Houses (Ferma, Bio-tech etc.) visited the college and interacted with the outgoing students in a number of "Interface with industry" sessions organized by the cell.

Chembiotech has offered recruitment letters to 8 students of Chemistry P.G. on the basis of a campus interview on 12th June, 2007.

TCS, Kolkata has provisionally recruited 20 students for their Software Division after a campus interview on 17th December, 2007.

2 students of B. Sc. 3rd year Chemistry Honours have received offer letters from **Satyam Computers**, Hyderabad.

37. Placement services provided to students:

For details refer to item no.36.

38. Development Programmes for non-teaching staff:

Annual Retreat Programme and practise of Yoga and Pranayam.

39. Healthy practices of the Institution:

a. Curricular Best Practices:

i. Industry - institution integration in curricular programmes by a number of Departments.

ii. Incorporation of traditional, moral and spiritual values in curricula through classes on Indian Culture.

iii. Enhancement of communication skills of the students with the help of the language laboratory and through Functional English course classes.

b. Healthy Practices in Teaching-Learning and Evaluation:

i. Use of IT and modern equipments, Language laboratory, Computer-added package to provide quality education to the students, especially first generation learners.

ii. Practice of an efficient "mentor-ward" system through the involvement of teachers, wardens of the hostels and monks of the Ramakrishna Mission to reduce various problems of stress.

iii. To make education available to all, irrespective of their social and economic status, the college admits underprivileged students and gives them access to higher education at the lowest possible cost and in some cases absolutely free of cost.

iv. In addition to regular classes on Indian culture, to impart moral values, distinguished guest-speakers are often invited to give discourses, and programmes of a diversified nature are organised to develop the spirit of tolerance, team-spirit among the students and give exposure to their hidden talents.

v. Teacher-ward Tutorial System is rigorously followed to enable the high achievers to reach excellence and the slow learners to reach the desirable qualifying level.

vi. To provide teachers with an opportunity to look at themselves through the eyes of the learners and analyse, assess and improve their teaching methods and skills, we practise the system of evaluation of the teachers by their students.

c. Healthy Practices in Research:

To inculcate research culture among undergraduate students, the departments after dividing their honours students into small groups, assign them topics not often directly connected with the syllabus. The research projects prepared by these groups are finally displayed at the biennial Exhibition. This serves the dual purpose

of developing interest in research among students and their demonstrative and communicative skills. During the last three years a remarkable number of major and minor research projects have been undertaken by our faculty members.

d. Best Practices in Support and Progression:

- i. Students' Counselling
- ii. Proficiency enhancement Training(PET):
- iii. By the teachers in most of the Honours departments to help students face competitive exams, admission tests and challenges of the employment market.
- iv. Placement cell.
- v. Financial support to socially, economically and physically disadvantaged students.
- vi. Involvement of the Alumni Association in the promotion of the general well-being of the college.
- vii. Remedial Teaching
- viii. Cultural Programmes, celebrations of important dates/events, co-curricular activities.
- ix. Training for communication-skill development.
- x. Overall Personality Development activities.

e. Healthy Practices in Management and Organisation:

- i. Grievance Redressal Cell at work.
- ii. Emphasis on man-making and character building education.
- iii. Feeding Programme during lunch hours at the hostels (a sort of Langarkhana). Nearly about 40 helpless persons of the locality and outside are given a single meal each day.
- iv. The Retreat for spiritual development
- v. Organising Spiritual discourses
- vi. Regular Weekly Sessions of reading from Spiritual texts and practice of Yoga and Pranayam for the members of the staff and students.
- vii. Musical training (both vocal and instrumental) is provided to the students.

❖ Activities, during 2007-08, reflecting regular and rigorous implementation of Healthy/ Best practices:

Celebrations of various religious, cultural and social festivals, birthdays and birth-anniversaries of Great Saints and National Heroes, music, drawing, essay writing, elocution, recitation competitions, quiz programmes etc. are part and parcel of our college activities. We organize and celebrate these festivals, competitions and programmes not just as a matter of routine but with the purposes of

- ♦ making our students acquainted with Indian Cultural Tradition and its internalization.
- ♦ cultivating in them a sense of social responsibility and commitment and involving them in the service to the community.
- ♦ developing team-spirit and tolerance.
- ♦ giving exposure to their hidden talents.
- ♦ infusing in them the spirit of Patriotism.
- ♦ fostering research culture among them and developing their demonstrative and communicative skills.

The following is a resume of the annual programmes, festivals and competitions held during the period 2007-08 :

Ashrama Foundation Day, Rabindra Jayanti, Sri Chaitanyadev's Birthday, Sri Sri Ramakrishnadev's Birthday, Naranarayan Seva, National Youth Day, the Annual Retreat, Teachers' Day, Consumers' Protection Day, Matri Bhasha Dibas, Communal Harmony Day, University Foundation Day, Vidyarthi Vrata, Chicago Parliament of Religions, Nabi Dibas, Poila Baisakh (Bengali New Year's Day), Dol-Yatra (Holi), Shivaratri, Saraswati Puja, Sri Krishna Jayanti, Mahalaya, Pre-puja staff get-together, Kali Puja, Holy Mother's Birth Anniversary and a number of other cultural programs and festivals.

Independence Day (15th August), Republic Day (26th January), Netaji Subhash Chandra Bose's Birthday (23rd January), Annual Blood Donation Camp.

Drawing competition, Essay-writing competition, Quiz competition, Short Story competition, Music competition, Recitation competition.

40. **Linkage development with National/International, academic/Research bodies:**

The institution does not have any such formal national/international linkages. However, our faculty members maintain contact with various research institutions and academic bodies for the purpose of exchanging views and ideas, organising seminars and workshops, conducting collaborative research in their areas of interest etc. A list of institutions with which our faculty members maintain regular contact is given below:

Faculty members	Collaborations/linkages
A. Chemistry Science,	<ul style="list-style-type: none"> • Indian Institute of Chemical Biology, Kolkata? Indian Association for the Cultivation of Kolkata • Chemistry Dept., Jadavpur University, Kolkata • NSC Bose Open University, Kolkata • Chemical Research Society of India
B. Physics	<ul style="list-style-type: none"> • India Association of Physics Teachers • Indian Physical Society • Physical Research Laboratory ,Ahmedabad • Dept. of Physics, Jadavpur University • Saha Institute of Nuclear Physics, Kolkata
C. Statistics	<ul style="list-style-type: none"> • Indian Statistical Institute, Kolkata • University of Kalyani, West Bengal • Indian Institute of Management, Kolkata • Indian Institute of Management, Ahmedabad • Vidyasagar University, West Bengal • Burdwan University, West Bengal • Viswa-Bharati University, West Bengal
D. Mathematics	<ul style="list-style-type: none"> • ISI, Kolkata • IIT, Kanpur • Dept. of Mathematics, Jadavpur University

- E. English
 - Calcutta Mathematical Society, Kolkata
 - British Council, Library, Kolkata
 - English Study Centre, Kolkata
 - Dept. of English, Burdwan University
 - Dept. of English, Jadavpur University
 - Sahitya Akademi, Kolkata
 - Asiatic Society Kolkata
 - Society for American Studies, Jadavpur University, Kolkata
- F. Computer Science
 - Dept. of CSE & ETCE, J.U.
 - Dept. of CSE, Kalyani University
- G. History
 - Mithila Itihaas Samsthan, Madhubani
 - Paschim Banga Itihas Samsad, Kolkata
 - Asiatic Society, Kolkata
- H. Sanskrit
 - RBU, Kolkata
 - Asiatic Society, Kolkata
 - Dept. of Sanskrit, Jadavpur University
 - Dept. of Sanskrit, Sagar University, M.P.
- I. Bengali
 - Paschim Banga Bangla Academy
 - Bengali Dept., Jadavpur University
 - Bharatiya Bhasha Parishad

41. Action Taken Report of the previous year :

During this period we undertook a number of plans and proposals to be executed most of which have either been accomplished or are nearing completion. In some cases, however, we could not achieve our target despite our best efforts. Here is a comprehensive report of the Action taken.

SL	Plans	Status
1	Construction of a state of the art E-class Room	Completed
2	Replacement of the old Generator Set	-do-
3	Construction Works (Both on the College and Hostel Premises)	First phase of expansion completed. Second phase under progress.
4	Installation of Water Coolers	Completed
5	Establishing a Cooperative Credit Society for the Welfare of Employees	Society formed
6	Filling of Vacant posts of teachers	Partly achieved
7	Expansion of Library	Ongoing
8	Inflibnet	Under consideration
9	Holding of National/State level Seminars	Held on regular basis
10	Introduction of New Courses / Programmes	Under consideration
11	Appointment of a few Part-time Teachers as per State Govt. rules	3 teachers appointed

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42. Any Other relevant information the Institution wishes to add:

A. Many of our faculty members are engaged in writing text and reference books. Many of them also write and publish regularly for academic research journals and periodicals. Some of the faculty members also write and publish regularly for magazines and journals outside the scope of their academic disciplines.

B. The College continued to function as the zonal centre for conducting various public examinations (both theoretical and practical) of Calcutta University till 2007-08. However, our infrastructure is regularly used by various academic bodies like W B Council of Joint Entrance Examination, Chennai Mathematical Society.

43. IQAC Activities :

Swami Suparnananda, Chairman, IQAC, presided over the second technical session on the 1st day of the two-day NAAC sponsored State Level Seminar on IMPACT OF ASSESSMENT & ACCREDITATION by NAAC on College Education organised by Sreerampore Girls' College on 5th & 6th October, 2007. Dr. C.B. Roy, Coordinator, IQAC, was also present at the seminar on both the days. Swami Suparnananda also attended Assessors Briefing Programme organised by the NAAC on 21st & 22nd November, 2007 at Bangalore.

"Report-cum-Brochure" on **NAAC sponsored State Level Seminar** held in our college on 12.08.2006 was published in May, 2007 and copies of the same were sent to the office of the Director, NAAC other delegates, resource persons who had attended the seminar on **Empowering Students**.

Part-C

Plans of action for the academic year

We propose a few plan to enrich the Academic and Infrastructural facilities of the College

1. Construction of a few more Research Laboratories for the Science Departments.
2. Introduction of new PG courses.
3. To organise a number of UGC sponsored National/State Seminars.
4. To encourage teachers to engage themselves in major and minor Research Projects.

5. Construction of a Central Auditorium for Hostels.
6. Construction of a new Students' Hostel
7. Completion of the ongoing construction works.
8. Efforts to attain Autonomy and Colleges with Potential for Excellence.
9. Introduction of Semester system.
10. Extension of Library system.

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Coordinator, IQAC

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Chairman, IQAC