



RAMAKRISHNA MISSION VIDYAMANDIRA

A RESIDENTIAL AUTNOMOUS COLLEGE WITH CPE STATUS

BELUR MATH, HOWRAH

WEST BENGAL

PIN 711202

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ANNUAL QUALITY ASSURANCE REPORT

FOR THE SESSION 2008-2009

PART A

The plan of action chalked out at the beginning of the session 2008-2009:

- ❧ We now plan to extend our infrastructure in the College and the Hostel viz. classes, hostel accommodation and dining hall. More attention to the already existing courses is also necessary. The new courses viz. Microbiology Honours, M.A. Sanskrit and M.Sc. Mathematics are to be set on a firm footing. A number of posts lie vacant in the college viz. Sanskrit (4 posts), Mathematics (4 posts), Microbiology (1 post), Chemistry (1 post) and Asst. Librarian (1 post). These need to be filled up by suitable candidates from the West Bengal College Service Commission.
- ❧ It is necessary to start more Postgraduate courses in the college. Details regarding this need to be worked out gradually. Specially, for the coming session we are contemplating to start a new Post Graduate course in Bengali.
- ❧ Modernising of the hostel kitchen complex e.g. by installation of cooking gas system and other equipments replacing the coal arrangements, is imminent. Such a change will make the kitchen and dining hall more eco-friendly.
- ❧ Some departments are thinking to organize some seminars, extension lectures etc in the coming academic year mainly focusing on the syllabus of undergraduate and post graduate levels.

- ⌘ Some teachers of certain departments are contemplating to initiate Minor Research Projects under UGC scheme.

PART B

1. ACTIVITIES REFLECTING THE GOALS AND OBJECTIVES OF THE INSTITUTION :

For students :

- ⌘ With the objective of providing man-making education, as envisaged by Swami Vivekananda, Vidyamandira aims to combine the best of the ancient and modern educational systems. Resident hostel superintendents pay close attention to develop the character of the learners and inculcate humanitarian values in them.
- ⌘ The weekly classes on Spiritual Heritage of India and Ramakrishna Movement, taught by the monks, familiarize the students with the richness of India's spiritual heritage.
- ⌘ To inculcate in the students the spirit of a genuine Vidyarthi, we conduct a unique ceremony for the newly admitted students, Vidyarthi Vrata Homa and Bhratrivarana. This attempts to make the students realize that the principal focus of Vidyarthi should be the acquisition of knowledge and building an all-round personality based on mutual self-respect and unselfishness.
- ⌘ Regular prayers and singing of bhajans, undertaken collectively, during morning and the evening, help the students to understand the importance of self-control and mental concentration during the learning period.

For teachers and staff :

The college organizes a whole-day seminar every year for its teaching and non-teaching staff to orient them to the ideas and ideals of Ramakrishna Movement, the inspiration behind Ramakrishna Mission educational systems.

Outside the Campus :

Every year Vidyamandira organizes youth convention and teachers' conference in the light of Swamiji's educational ideas. Selecting one district of the state, Vidyamandira, in collaboration with Vidyamandira Alumni Association, conducts competitions and seminars for the students and teachers of that district. This year it was the turn of Purba Medinipur district where almost 133 schools and about 1997 students took part. It is noteworthy that a good number of teachers from Vidyamandira along with some senior alumni and monks worked hard to make it a success. They conducted the competitions and acted as the resource persons of the convention.

2. New Academic Programmes initiated :

NIL

⌘ Innovations in curricular design and transaction :

The college has no say, beyond offering suggestions, in designing the curriculum, which is the sole prerogative of the University of Calcutta, to which the college is affiliated. However, modes of transaction are constantly monitored and reformulated in order to make the teaching-learning process as effective for students and meaningfully consistent with the goals and objectives of the institution.

In case of post graduate courses, the college, because of its academic autonomy, is designing syllabus and framing the suitable methodology of transaction. We have earlier designed in details the syllabus of two post graduate courses before the commencement of the session. In this current academic session we have designed the syllabus of a new post graduate course, Bengali.

3. Inter-disciplinary programmes started:

We are successfully running the "Colloquium Lectures" programme, where different speakers, mainly our faculty members, deliberate on a topic of their choice and discuss with faculty members from other disciplines. In the year under review, five such lectures have been delivered.

<i>Sl. No.</i>	<i>Date (day)</i>	<i>Name of the speaker (Department)</i>	<i>Topic</i>
1	18 April 2009	Dipak Ghose (Physics)	Developments in Display Devices
2	2 May 2009	Pabitra Sarkar	<i>Chomsky: Bhasabijnani, Samajbijnani</i>

		(Guest Faculty, Bengali)	

Apart from these, many departments are continuing with and/or have introduced new inter-disciplinary initiatives. Some of them are mentioned below :

- ⌘ Industrial Chemistry : Teachers of Chemistry, Economics and Computer Science Departments of the College take classes for the students of 1st yr and 3rd yr.
- ⌘ Sanskrit (M.A.) : Teacher of Bengali Department take classes of Linguistics and Comparative Indian Literature for the students of 1st yr M.A.

4. Examination reforms implemented :

- a) Since the college is affiliated to Calcutta University which conducts the major examinations, any reform that can be implemented are only limited to the internal assessment processes such as class tests, half yearly or annual examinations. But, as in case of Post Graduate courses, the college has been granted academic autonomy, so the concerned departments have adopted their own examination system :

Mathematics Department : Semester system has been implemented for M.Sc. Course.

Sanskrit Department : Annual System (Part I & Part II) with a Preparatory Mid-term Examination

Bengali Department : Annual System (Part I & Part II) with a Preparatory Mid-term Examination. This Department has kept continuous internal assessment which are added to the aggregate marks of the subject.

- b) In case of Undergraduate Courses the departments always try to organise different types of internal tests so that the students do not face any difficulty during final examination.

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

GRE : Mathematics – 1

GATE : Mathematics - 1

CSIR-NET : Mathematics - 4

SET : Mathematics – 1 ; Sanskrit – 3

6. Initiative towards faculty development programme :

Faculty members, in general, regularly attend seminars, symposia, conferences and workshops at state and national levels apart from the refresher and orientation programmes organized by different universities. In doing these, the teachers select the programmes in a manner so that loss of teaching hours is kept to the minimum since they highly value the importance of classroom interaction. Some specific programmes are mentioned below.

SI No	Name of the Teacher	Name of the Dept	Duration of the Programme	Name of the Course
1	Subhankar Roy	Mathematics	08.09.2008 – 27.09.2008	Refresher Course
2	Samim Ahmed	Philosophy	17.11.2008 – 06.12.2008	Refresher Course
3	Prithwiraj Biswas	History	28.01.2009 – 18.02.2009	Refresher Course
4	Indrashis Banerjee	Political Science	06.01.2009 – 28.03.2009	Refresher Course
5	Arup Kumar Dhabal	Philosophy	02.08.2208 – 22.08.2208	Refresher Course
6	Subhankar Roy	Bengali	01.07.2008 – 21.07.2008	Refresher Course

7. Total number of seminars/workshops conducted:

A. SPECIAL LECTURE

Date	Month	Speaker(s)/ Organiser	Topic
7	July 2008	Swami Shivapradananda <i>Editor, Udbodhon</i>	Foundation Day Lecture
15	August 2008	Swami Tattwasarananda <i>Principal (Offg), R. K. M. Sikshanamandira</i>	Rani Rasmoni Memorial Lecture Sub: শ্রীশ্রী মা ও গৌরীমা
6	September 2008	Prof. Chinmoy Guha <i>Dept. of English, CU</i>	Swami Tejasananda Memorial Lecture Topic: r jcZXe jnXe A Yejly<\$ B fy ~^l Sk mxneh

28	February 2009	Mr. Asim Chaudhuri <i>Author of the book "Swami Vivekananda in Chicago"</i>	Discovering Swami Vivekananda in the West
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B. WHOLE DAY SEMINAR

7	March 2009	C. A. Murthy, Nagraja Gopalakrishnaswamy Suryakanth V. Gangashetty Partha Pratim Das Vivek Kumar Singh	UGC sponsored National Seminar on 'Soft computing Techniques and Their Applications'
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C. DEPARTMENTAL SEMINAR

MATHEMATICS			
14	August 2008	Mridul Kr. Sen <i>Formerly of the Dept. of Pure Mathematics, C.U</i>	'Group Isomorphism'
27	August 2008	'Fundamental Theorem of Algebra via Linear Algebra'	Prof. S. Kumareshan <i>Dept. of Mathematics & Statistics, University of Hyderabad, AP</i>
6	November 2008	'When is Knot not be unknot'	Prof. V. S. Sunder <i>Institute of Mathematical Sciences, Chennai</i>

18	November 2008	Continuous Function and Its Applications	Prof. Jiling Cao <i>Auckland University of Technology</i> <i>New Zealand</i>
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CHEMISTRY

12	November 2008	Dr. Hirak Chakraborty <i>Ex- student</i>	Hemagglutinin peptical reduces the activation energy for the membrane fusion (Membrane Biophysics)
3	January 2009	Pradip Chakraborty <i>Ex- student</i>	Study of compositionally graded perovskite. Ferro electric thin film
	January 2009	Biswajit Bandyopadhyay <i>Ex-student</i>	Gas phase laser spectroscopy metal-water complexes

PHYSICS

24	July 2008	Dr. Saibal Mitra <i>Associate Prof., Dept. of Physics,</i> <i>Missouri State University</i>	Nanomaterials : Emerging Science and New Technology
18	September 2008	Dr. Subhasis Chattopadhyay <i>Senior Scientific Officer, VACC, Salt Lake</i>	Large Hadron Collider and Indian Participation
3	January 2009	Dr. Rajesh Gopakumar <i>Renowned Scientist, HRI, Allahabad</i>	Recent Trends in Physics Researches

Date	Month	Speaker(s)/ Organiser	Topic
MICROBIOLOGY			

25	August 2008	Dr. Subrata Bhattacharya <i>Associate Prof., Department of Microbiology, R. G. Kar Medical College and Hospital</i>	Microbes in Human Diseases
24	January 2009	Prof. Jayanta Roy Choudhury <i>Prof. of Medical College and Molecular Genetics and Director of Genetherapy, Albert Einstein College of Medicine, NY</i>	From Adult to the Embryo and back to the Future
INDUSTRIAL CHEMISTRY			
24	July 2008	Dr Sudhakar Marur, Technical Director, Application Technology and I. P. Lab, Global Research Centre, Bangalore Technology Centre, G.B Jholm F Welch	Engineering Thermo-Plastics and Its Industrial Applications
COMPUTER SCIENCE AND APPLICATIONS			
18	July 2008	Dr. Sudhir Kaicker, Prof. & Director, Computer Centre, JNU, Delhi and Presently Prof. Dept of Computer Science Sheridan College, Canada.	Problem solving Using Computer Programming
ECONOMICS			
30	July 2008	Dr. Ramgopal Agarwala, Retired Senior Advisor, World Bank; Senior Advisor, Research and Information System for Developing Countries, New Delhi.	Global Financial Crisis
5	August 2008	Dr. Deb Ghosh, Formerly attached to Universities in U.K.	Risk, Uncertainty and Port folio Management
30	January 2009	Anjan Mukherjee, Reserve Bank of India. Prof. of Economic theory, J.N.U, Centre for economics Studies & Planting School of Social Sciences.	Regulation and Competitive Equilibrium
BENGALI			

17	December 2008	sklkr kgMejr [eFmv, fyfM©” snfKke	İcC fMkr ygÆsoy ymg
30	January 2009	Prof. Do Thu Ha Vietnam National University	Influence of Indian Culture & Literature on Vietnam
24	February 2009	Dr. Sumita Chakrabarty, Former Professor of Burdwan University	uexfj Espenv A Éfl Espenv
5	March 2009	cfCM”j cgsKeheOZe/ (M”j) fyfM©” snKk	Ecej pryv

SANSKRIT

		Prof. Didhiti Biswas H.O.D , Department of Sanskrit Calcutta University	syso Dnxkesjj Ytfcke
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ENGLISH

9	February 2009	Amrita Chakraborty Prof. of English, Moulana Azad College	Jane Austin
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Date	Month	Speaker(s)/ Organiser	Topic
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D. WEEKLY SEMINAR :

PHILOSOPHY

4	September 2008	Dr. Gopal Khan, formerly Professor, Department of Philosophy, University of Burdwan	Kant on Moral Law
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POLITICAL SCIENCE

16	December 2008	Kuntal Mukhopadhyaya, Professor, Peary Mohan College	fcfnFejr Syx jepvrfl
19	July 2008	Dwijendranath Banerjee, UBI Belur Math	The Flowers of the Himalayas
23		Dr <i>Mahua Barari Mitra</i> , Prof of Department of Economics, Missouri State University & Dr. <i>Saibal Mitra</i> , Associate Prof. Department of Physics, Missouri State University	Educational System in the United States (Interactive Meeting with the students)
9	August 2008	lr soyfpb ysmZeheOZe/, DfflL DOZehk, ve'ZfyYei, jyrÔYeJlr fy»yfyoZen/	yexne fLs/'esj iev
23		`ijec yexne~ kXe;VeheVe hfj;enve B mgcv oem	[B cejnZex {Zex {Zex (On Charlie Chaplin)
27	September 2008	Dr. Debiprasad Duari, Director, Research & Academics, M.P.Birla Institute of Fundamental Research, Kolkata	Astronomy and Astrophysics: Current perspective and Future Challenges
10	January 2009	Anindya Jana, Chief of Political Bureau, Ananda Bazar Patrika	mxyeohs• j mecefpk oe/yÆEle
7	March 2009	Md. Inasuddin, Deputy Registrar of Co-operative Societies, Chief Executive Officer, Nadia District Central Co-operative Bank, W.B	Organic Farming & Vermiculture

8. Research Projects :

Newly Implemented / Continuing: .

Syed Shahed Riaz of the Chemistry Department obtained Ph.D. degree from Jadavpur University and Biswanath Chakraborty of the Political Science Department obtained Ph.D. degree from Rabindra Bharati University.

Apart from them three of our teachers obtained their Ph.D. degrees recently.

Name (and dept.)	Thesis Entitled	University	From
Shubhankar Ray (Beng)	<i>Bangla Theatre: Nataka Rajniti banam Rajnaitik Natak</i>	Rabindra Bharati University	20.3.2009

Arindam Roy (Microbio)	Occurrence & Behaviour of Food-borne Bacterial Pathogens in some Legume-based Traditional Fermented Foods Marketed in West Bengal, India	University of North Bengal	23.3.2009
Prasanta Malik (Math)	A Study of Certain Types of Convergences of Sequences and Double Sequences	Jadavpur University	8.4.2009

A number of teachers are engaged in *Minor Research Projects* under the UGC scheme. These MRP's, besides providing opportunity for research, allows the college to build up infrastructure, e.g. through computers and other accessories. The details of projects whose sanctions were received during the current period are:

Sl. No.	Name	Sanction Date	Title	Total Sanction
1	Arup Kumar Dhabal	21.2.08	Correspondence between Indian and Western Ethical Standards: Philosophical and Practical Criticisms	Rs. 65,000
2	Subrata Roy Chowdhury	21.2.08	The Changing faces of globalised Kolkata: A lens-eye view	Rs. 90,000
3	Debasis Jana	12.12.08	Many-body approach to the study the properties of strongly correlated systems--ionized/excited states	Rs.1,46,000
4	Santanu Dey	12.12.08	Pilgrimage and the Forging of Sacred Linkages in Bengali Vaishnavism: An Ethno-historical Study	Rs.1,01,000
5	Asim Kumar Chowdhury	12.12.08	Standardization of Indian Ethical Views. From Swami Vivekananda's Standpoint	Rs.1,50,000

Other Minor Research Projects, sanctions obtained during the period 2006-2007 and still continuing, are those by Atanu Bhattacharya (Chemistry), Chandra Madhab Pal (Physics), Sandipan Sen (Political Science) and Biswanath Chakraborty (Political Science).

9. Patents Generated, if any: Nil

10. New collaborative research programmes : Nil

11. Research grants received from various agencies : Nil

12. Details of research scholars:

⊗ Br Brahmachaitanya, Honorary Faculty in the Department of Mathematics has a research scholar working under him at the Indian Statistical Institute.

⊗ Three research scholars (Arup Ratan Khanra, Bodhisattwa Basu, Arghya Sinha Roy) have registered in Ramakrishna Mission Vivekananda University under the supervision of Swami

Shastraajnanda, honorary monastic faculty member of Bengali Department, for their Integrated Ph. D. Research work in Bengali literature.

13. Citation index of faculty members and impact factor :

Not known.

14. Honors / Awards to the faculty :

Nil.

15. Internal resources generated :

- ⌘ A number of examinations, using the infrastructure of the college, are conducted in our premises. This includes the IIT Joint Entrance Examination, JBNSTS Examination.
- ⌘ The auditorium of our college, the Vivekananda Sabhagriha, is occasionally used by other institutions viz. Ramakrishna Mission Saradapitha, Ramakrishna Mission Shilpamandira Computer Centre etc. A token maintenance charge is collected from them. The United Bank of India, Belur Math Branch, located in our campus along with its ATM counter, generates a monthly Licence Fees to the college. Our spacious and well-maintained playground, sometimes used by another local college (M.C.Kejriwal Engineering College) and a pond in the campus leased out for fish-breeding, also help us earn some revenues.
- ⌘ The college teachers are regularly applying for Minor Research Project grants. The grants, sanctioned by the UGC, enable them to purchase computers, and other accessories which become the property of the college once the Project is completed.

16. Details of departments getting SAP, COSIST (ASSIST) /DST, FIST, etc. : Nil

17. Community services :

A. The National Service Scheme (NSS) unit comprising 98 volunteers conducted the following activities :

- (1) Cleaning of gardens, class rooms and verandahs of the college.
- (2) Providing free coaching to needy children at Janasikshamandira, a unit of Saradapitha [6 volunteers],
- (3) Blood donation camp organized on 9 Nov 2008 in collaboration with the Haemophilia Society of India drew a total of 111 donors.
- (4) Distribution of clothes to poor children before the Durga Puja.
- (5) First Aid Training, imparted by the Indian Academy of Health & Hygiene and attended by a total of 66 students.
- (6) Joining the 'Red Ribbon Club' West Bengal, a flagship project of National Aids Control Organization, implemented by West Bengal Voluntary Blood Donors' Form.

- (7) **NSS Camp** organized at Sri Sri Ramakrishna Ashrama, Bolpur during 11-18 February 2009 was attended by 50 students and 3 monastic members. Survey regarding, a) Vaccination b) Child Education c) Sanitation & Environment cleaning were conducted in the adjacent villages of Mirzapur, Sarbanandapur, Muhuli, Amradanga, Rajatpur, Durgapur. The NSS Camp was financed by the NSS Unit of the Calcutta University [Rs. 15000/-].

B. The college has an active National Cadet Corps (NCC)Unit attached to the Bengal Battalion.

- (1) A total of 129 cadets-- 90 students of 1st yr, 31 students of 2nd yr and 8 students of 3rd year-- under the supervision of Lt Arup Kumar Dhabal (ANO) and Swami Tapomayananda, constitute the NCC unit.
- (2) A large number of students appear for the B and C certificate examinations. During the session 2008-2009, 17 students passed the B certificate exam and 2 students passed the C certificate exam.
- (3) 20 students joined the NIC Camp at Kanchrapara in August 2008.
- (4) 33 students joined the CATC Camp at Salt Lake in November 2008.
- (5) 3 students participate in the NIC at Kolapakkam (Tamil Nadu) in December 2009.
- (6) The Armed Forces Flag Day Collection drive, undertaken jointly by the NCC & NSS volunteers of 1st yr, fetched a total collection of Rs 13,167/-, a record to date.
- (7) The cadets also participated in college functions held on the occasion of Independence Day (on 15 August), Republic Day (on 26 August) and Annual Sports Meet.

18. **Teachers and officers newly recruited:** Teachers :7 ; Non-Teaching Staff : 4

19. **Teaching- Non-teaching staff ratio:**

<i>Present teaching strength</i>	46
<i>Present Non-teaching staff</i>	23
<i>Present Teaching & Non-teaching Ratio</i>	2 : 1

20. **Improvements in the Library Services:**

New books / journals subscribed and their value :

No of New books purchased during the session : 1051

Valuation of the total new books purchased during the session : Rs. 1,95,906.00

No of Journals purchased during the session : 88

Valuation of the total journals purchased during the session : Rs. 54,667.00

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

Each student gives a feedback on all the courses taught to him by each teacher. The feedback is taken in absence of the teachers directly on to a computer and the absolutely free response given by them is processed statistically by the computer itself with an in-built program developed by one monastic faculty. A copy of this summary analysis is given to each teacher. The department then discusses these feedbacks and communicates to the Principal about the action taken on behalf of the faculty. This applies to all the departments.

1. Unit cost of education :

The unit cost of education is calculated, for the Financial Year 2008-2009 as under:

Total Expenditure/ No. of students = Rs. 2,30,86,262.57 / 561 = Rs. 41,151.98 per year.

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

At Vidyamandira, a major part of the administration process has been computerized. The admission notification alongwith the prospectus and application form was put on the web site. The admission results have been also fully computerized. The College Leaving Certificate for B.A./B.Sc. 3rd Yr., the certificates issued to the Teachers/ Research Scholars attending U.G.C.-sponsored Seminars in the college and the mark-sheets of different internal and post graduate examinations are prepared and printed on the office computers.

3. Increase in infrastructural facilities

The college has a **Construction and Maintenance department**, supervised by Swami Omkaratmananda (Sushanta Mj) and Shiben Roy (Honorary Engineer). With a total of 15 buildings in the college and the civic amenities of about 600 residential students and staff to cater to, the Maintenance Department always has its hands full. Major works undertaken during the last year are as follows:

- (i) **College Campus:** (a) Chemistry Building: Painting and repairing works, (b) Painting of Boundary Wall in Playground (inside), (c) Reconstruction of the Boundary Wall [behind canteen], (d) Bank campus: Disposal Pits prepared, (e) Laying of Telephone Cables [underground and wall] in college and hostel, including laying of underground cables, (f) Construction of Cycle-stand for staff, (g) Library Construction works [Dr Debi P. Chaudhuri of USA, an ex-student of the college, has

agreed to bear the expenses of a Conference Hall in memory of parents. Accordingly, construction work has started in the Library Block of the college].

- (ii) **Auditorium Campus:** (a) Workers' Quarters building reconstructed [including kitchen for staff], (b) Plumbing Work [[including septic tank gas line, pan & urinal fixing in bathrooms], (c) Painting of the verandahs of the three floors [including grill & staircase], (d) Drain-covers construction and drain cleaning.
- (iii) **Hostel Campus:** Vinoy Bhavan (verandah painting), Shraddha Bhavan (adjacent boundary wall plastered, open space in hostel-front cement-concretized); Vinoy, Shraddha, Bhavans (fixing of nets to ground-floor windows).

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

For the last few years the college has been conducting the 'Computer Awareness' Course at a separate laboratory set up with the financial assistance of the MPLADS scheme. The college has taken a broadband connection which via the college LAN has extended the Internet access to office, library, physics and chemistry departments apart from the existing faculty computer room and the two students' computer laboratories. The students are being regularly given training in basics of computers and internet as in other years. The knowledgeable colleagues are informally training teachers who are not acquainted with computers and Internet.

27. Financial aid to students :

- ⌘ No. of students received scholarship : 225
- ⌘ Scholarship amount awarded from college and from other sources (through college) :
Rs. 18,72,850/- per anum

28. Activities and support from the Alumni Association :

- ⌘ Alumni Association has awarded scholarships of Rs. 40000/- to 9 current students.
- ⌘ Association actively took part in organizing and conducting Vivekananda Sannam in Purba Medinipur district along with Vidyamandira.
- ⌘ Alumni Association provided Rs 25000/- as scholarship to 5 students who has passed out from this college in the last session for higher studies.
- ⌘ Association publishes a half yearly news bulletin for the alumni.
- ⌘ Association also gives Swami Tejasananda Memorial Awards to the Best All-rounder of the college in each session.

29. **Activities and support from the Parent-Teacher Association:**

- ⌘ Our college does not have a formal Parent-Teacher Association. But we organize, once a year, a Parent-Teachers' Meeting when the parents of the different students can discuss with the teachers of the respective departments and discuss freely the academic problems and their possible remedies as well as the performance of the students at the classes and examinations. In the year under discussion such a meeting was held on 15 September 2007, Saturday. Almost all the guardians of the students of undergraduate courses attended the meeting. The concerned subject teachers discussed with the guardians on the academic matters and asked their suggestions for the academic improvement of an individual student as well as of the college. The attendance of the guardians and teachers are recorded in every department and the departmental teachers keep record of the suggestions provided by the guardians.
- ⌘ Apart from this our monastic superintendents regularly meet the guardians and give necessary advice for the welfare of the learners and at the same time receive the feedback from them.

30. **Health services :**

- ⌘ We have one medical room where doctors come thrice a week in the evening.
- ⌘ There is one charitable dispensary very close to the college campus run by Ramakrishna Math & Ramakrishna Mission, Belur Math where specialist physicians are available in the morning and pathological tests are also done.
- ⌘ Shramajivi Hospital is another health service available for the students and resident staff. Whenever any serious health problem arises, students are taken to this hospital.
- ⌘ Ramakrishna Mission Sevapratisthan is an esteemed hospital in Calcutta where students are taken in more serious condition or for more acute diseases. We have a MOU with the hospital and therefore students are provided treatment at a concessional rate.

31. **Performance in sports activities :**

As in previous years, the indoor and outdoor games were conducted smoothly and successfully. Students participated enthusiastically in carom, table-tennis, badminton, volleyball, football, cricket and athletics events. Sri Pranab Roy, ex-cricketer and national selector was the Chief Guest of the prize distribution held after the Tejasananda Memorial Cricket match. The Annual Athletics Meet was held on 29 January 2009. The prizes were given away by Sri Pradip Kr Banerjee, Ex-footballer and coach

The Howrah ***District Athletics Meet and Football Championship*** among the non-govt. colleges was organized at our playground this year. A total of 130 athletes [89 Men + 41 Women] participated in the Athletics Meet [from 12 institutions]. 8 college teams participated in the Football Championship. Our institution was adjudged the *Champion College* in the Athletics Meet on the basis of prizes (ranks) won by the following students: Amit Kumar Das, Bhaskar Biswas, Banibrata Ghosh and Vivekananda Duary. Amit Kumar Das put up a sterling perfor-

mance, securing the 1st position in the 100m and 200m races. Sri Shibaji Banerjee and Sri Bidesh Bose were present as the Chief Guests of the Athletics Meet and Football Championship respectively.

32. Incentive to outstanding sportspersons:

33. Student achievements and awards :

Undergraduate:

The Calcutta University, from the academic session 2005-2006, has divided the total curriculum for Honours (and Major subjects) into Part I, Part II & Part III. The university examinations are being held accordingly

The performance of our Honours students at C.U. **Part III Exam (2008)** is summarized below:

HONOURS SUBJECT	POSITION (RANKS) OBTAINED IN 2008
Physics Honours	10
Chemistry Honours	3, 5, 9
Mathematics Honours	1, 2, 3, 4 (Jt), 5, 8
Sanskrit Honours	1, 4, 5, 10 (Jt)
English Honours	—
Bengali Honours	—
History Honours	5
Economics Honours	10
Political Science Honours	7
Philosophy Honours	1

It must also be mentioned that all the 27 students appearing for Chemistry Honours examination in 2008 secured 1st class marks.

For the same batch of students, **Admission to the M.Sc. Courses at IIT (JAM)** ranks within the first 20 are as follows:

Mathematics: Rank (General) – 1
 Chemistry: Ranks (General) – 2, 3, 7, 9, 17, 18
 Physics: Ranks (General) – 6, 16, 18 Ranks: SC- 1, 5
 Mathematical
 Statistics: Rank (General) - 18

A number of students were selected for the **TIFR Ph.D. (M.Sc.)** programmes. The breakup is: 2 students of Physics, 1 student of Chemistry, 2 students of Mathematics.

Apart from the IIT's, the students of Physics, Chemistry and Mathematics departments have been selected for Postgraduate studies in institutes Like IISC, Bangalore; ISI, Kolkata & Bangalore; HRI, Allahabad; S N Bose Institute for Basic Sciences; IACS; IMSC, Chennai etc. Students of Economics,

English and Political Science Departments have got admitted in the institutes like IGIDR, DSE, ISI etc.

Postgraduate Courses:

The first batch of students of the autonomous postgraduate courses in the subjects, Sanskrit and Mathematics, passed out in 2008. Final marksheets and certificates have been issued as per the directives of the Calcutta University. New postgraduate course, **M.A. in Bengali**, was started from 2008.

Other :

5 students of Mathematics Honours and 1 student of M.Sc. Mathematics were selected for the National Board of Higher Mathematics (**NBHM**) scholarship in this period.

34. Activities of Guidance and Counselling unit :

We have two committees of Teachers' Council, Academic Counselling and Guidance Committee and Personal Counselling and Guidance Committee. On the advice of the academic counselling committee, many of the departments have notified a schedule giving the availability of each teacher during a week for academic counselling and guidance. Being a residential college, the students also approach the faculty members, especially the monastic members for guidance and counselling beyond this schedule

35. Placement Services provided to students :

There has been extensive service recruitment of students of the third year-- of both the Major and Honours courses. The following companies have already conducted interviews in the college during this academic year.

Cognizant Technology Solutions Private Ltd	31 Jan 2008	11 students (Computer-3, Physics-4, Eco-3, Ind Chem-1)
Tata Consultancy Services	5 Dec 2007	20 students (Computer-5, Math-5, Physics-4, Industrial Chem-3, Chemistry-2, Economics-1)

Three ex-students of Industrial Chemistry have been sent for recruitment to the post of 'Process Engineers' to M/s. National Glass & Ind. Ltd. The State Bank of India also plans to hold a campus interview in the month of March.

36. Development programmes for the non-teaching staff :

There are a total of 23 full-time non-teaching employees in the college. Besides this there are 7 management-appointed full-time non-teaching staff and 2 contractual employees. Every year there is a day-long seminar on Indian Cultural & Spiritual Heritage and the Ramakrishna Vivekananda Movement in which the (teaching and) non-teaching staff members participate. This year the seminar was held on 21 April 2007. The non-teaching and teaching staff of the

college and the mess staff of the hostel listened to the discourses by the monastic members and professors on philosophical and religious matters.

37. **Healthy practices of the institution :**

Promoting value-based education, social responsibilities and good citizenry

- ⌘ Apart from the university prescribed syllabus, we have a course on spiritual heritage of India which runs over all the three years of student life in this institution.
- ⌘ The college has an active NCC Unit, attached to the 21 Bengal Battalion (Saradapitha campus). A total of 130 cadets: 88 students of 1st yr, 21 students of 2nd yr and 21 students of 3rd year attended parades under the supervision of Lt Arup Kumar Dhabal, Lecturer in Philosophy, and Swami Tapomayananda, Monastic-coordinator.
- ⌘ The National Service Scheme (NSS) volunteers were engaged in different activities.

Sensitivity to changing educational, social and market demands

- ⌘ Many of our students, especially students from the Physics, Chemistry, Mathematics, Economics try to do their Masters' degree in prestigious national institutes like IITs, TIFR, IISc, ISI, JNU, DSE etc. The number is increasing over the recent years due to the sincere efforts of the faculty members. The faculty members help the aspiring students to get through a very different type of entrance examination.
- ⌘ We have a system of "Open House" where students and teachers interact freely to discuss anything to improve academic standards for many departments like History, Economics, Bengali etc.
- ⌘ Various departments like Bengali, History, English and Economics screen films directly/indirectly related to the subjects taught in the syllabus.
- ⌘ The students are encouraged to participate in many important seminar/lectures held outside.
- ⌘ The Major courses in Industrial Chemistry and Computer Applications have within their curriculum the component of 'On-the-job Training'. During this year the students went to H R Johnson, ACC and ISI for this purpose.

Promoting an ambience of creativity and innovation

1. At the National Youth Day competitions held at Udbodhon, Baghbazar, and Advaita Ashrama, students secured the following prizes: Udbodhon 1st, 2nd, 3rd in Quiz [Team prizes]; 1st, 3rd in Recitation(Sanskrit) and 2nd in Elocution; Advaita Ashrama 3rd in Elocution; 1st, 2nd, 3rd in Essay-Writing; Institute of Culture [Golpark] 4th in Elocution.

2. A three-member team of the Chemistry Dept. stood 2nd at the Inter-College Chemistry Quiz Competition held at Presidency College.
3. Students of Economics Dept. secured the 2nd prize in the event 'Paper Presentation'.
4. Students of M.A. 2nd yr secured the 1st (Joint), 1st (Joint) prizes in the All India Conference on Veda-Smriti-Darsana-Sahitya arranged by Howrah Pandit Samaj in the *Sahitya* Group.
5. Students of the college presented *Sri Ramakrishna Lilagiti* at Belur Math on the occasion of Sri Ramakrishna's birth celebration.
6. Teachers and monks conducted quiz competitions on Sw Vivekananda at Belur Math & Udbodhon (National Youth Day) and Bagati College.
7. Hostel wall magazines are published on special occasions e.g. Mahalaya, Bengali New Year etc.
8. A number of departments also published wall-magazines containing articles relevant to the subject.
9. The Sanskrit Department under the aegis of the departmental Bharati Parishad, conducted debates and elocution competitions in Sanskrit.
10. The Annual College Magazine, the *Vidyamandira Patrika*, containing sections in Bengali, English and Sanskrit was published on 7 July 2008.

38. **Linkages developed with National / International, Academic / Research bodies :**

- ⌘ The linkages developed in 2004-05 are continuing. Apart from official linkages initiated and operated by MOU, the college has many effective unofficial linkages with the institutes of higher learning and other concerns. Among these we may mention the name of ACC and H R Johnson which provide On-the-Job training to our students with lodging and food free of cost. ISI Computer and Mathematics departments also unofficially help us in teaching providing some scholars in the concerned field. The same facility is being provided by Calcutta University Chemical Engineering Department and Information Technology Department for the students of Industrial Chemistry and Computer Application. Sahitya Academy, Kolkata chapter is very much cooperative in organizing seminars, workshops etc at our college campus.
- ⌘ As our college ever emphasizes upon the merit and character, it is found that every year a number of poor but good boys are getting admitted to this institution. The college administration imbued with the ideal of service feels it as a privilege to provide them with the scholarships on need basis. But, we gratefully acknowledge the assistance given by some institutes year after year in this respect. Apart from Ramakrishna Math, Belur Math, and Ramakrishna Mission Institute of Culture, Golpark, American Service To India (ASTI) is another NGO which gives provides with such help.

39. **Any other relevant information the institution wishes to add :**

PART C

PLAN FOR THE NEXT YEAR

- ⌘ An inspection team constituted by the Calcutta University visited the college on 24.11.08 to consider its application of *Potential for Excellence*. Finally the college has been selected by the University of Calcutta for the same and University has sent the application alongwith its recommendation to UGC for final selection. In fact UGC will call the college administration to Delhi where we have to present our papers to substantiate the claim. This will involve a huge preparation on behalf of the college so that in the interface meeting we become successful to convince the expert committee to be worthy of the 'College with Potential for Excellence Award'
- ⌘ The college has submitted an application for `Autonomy' with the University Grants Commission, New Delhi. The requisite `no objection' certificates from the Calcutta University and State Government have been obtained for the purpose. The UGC will send a Visiting team of experts who after seeing our infrastructure and other requisite things will recommend for Autonomy. This will naturally involve massive infrastructural changes in the college.
- ⌘ Modernising of the hostel kitchen complex e.g. by installation of cooking gas system and other equipments replacing the coal arrangements, is imminent. Such a change will make the kitchen and dining hall more eco-friendly.
- ⌘ Some departments are thinking to organize some seminars, extension lectures etc in the coming academic year mainly focusing on the syllabus of undergraduate and post graduate levels.
- ⌘ Some teachers of certain departments are contemplating to initiate Minor Research Projects under UGC scheme.