



RAMAKRISHNA MISSION VIDYAMANDIRA

A RESIDENTIAL AUTNOMOUS COLLEGE WITH CPE STATUS

BELUR MATH, HOWRAH

WEST BENGAL

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ANNUAL QUALITY ASSURANCE REPORT

FOR THE SESSION 2010-2011

PART A

The plan of action chalked out at the beginning of the session 2009-2010:

- ❧ **The college has been awarded the 'College with potential for Excellence' status by UGC on 15.10.2010.**
This will involve now a heavy planning and implementation thereafter of all the projects submitted to UGC. Hence, the college has already many meeting among themselves aiming at to develop the infrastructural facilities of the college. Now, what we need is to implement it practically and monitor it time to time.
- ❧ **The college has been conferred upon the 'Autonomy' status by UGC on 21.06.2010.** Thus all the departments of the college have to start the process of revising their syllabus, especially according to semester system which the college has decided to adopt under autonomy. This will involve a huge task for all the departments and college administration.
- ❧ The college has to set up a more effective and organized Examination cell which was already in existence as the college was running autonomous post graduate courses. But, as the number of students will be more, the cell will need more office staff to run the examination system.
- ❧ 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.

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 the district of Uttar Dinajpur. The entire district was divided into four zones, viz. Raiganj, Kaliaganj, Islampur and Karandighi and cultural & sports competitions organized separately in the different zones. The final (district-level) competitions were held on 19 December 2010 at Raiganj Coronation High School. A large number teachers, ex-students, monks and judges went to Uttar Dinajpur in connection with this Sammelan. On the occasion of National Youth Day a prize-distribution function, a youth-convention and a teachers' conference were held on 9 January 2011. The Dept of Sports and Youth Services, Govt of West Bengal, provided a grant of Rs 1.0 lakh for organizing the Sammelan.

New Academic Programmes initiated :

⌘ Innovations in curricular design and transaction :

As the college has now received the autonomy, hence the departments have formed Board of Studies where the external experts are present along with alumni and representative from industry and / or other related areas. All the departments have initiated the process revising the syllabus. While doing the departments are in general keeping in their mind some fundamental principles :

- i) Semester pattern of study
- ii) No of working days available with them
- iii) Introduction of Continuous Evaluation System
- iv) To make the syllabus at par with the present day needs
- v) To make the syllabus more facilitating to the students for the competitive examinations they will face at the end of their curriculum.

2. Inter-disciplinary programmes started:

⌘ Colloquium Lecture

Date	Name of the Topic	Name of the Speaker
02.08.10	Process of Re-accreditation	Dr P K Chowdhury

- ⌘ 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.
- ⌘ Bengali (M.A.) : Head of the Department of Political Science is taking classes in Bengali M.A. and one teacher of Department of Philosophy is laos taking classes in Bengali M.A.

4. Examination reforms implemented :

- i) Semester Examination system has been introduced
- ii) Mid semester Exam will be held wherefrom a certain percentage of marks will be added to the end sem exam.
- iii) Apart from this class test / assignments / quiz etc are to be organized by the department for the Honours courses from which a percentage of marks will be added to the end sem exam.
- iv) Reviewing and showing the answer scripts system introduced.
- v) Meeting among the teachers and concerned students after the results have been introduced.

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

Name of the Department	Examination / Institute	No of Successful Students (2010)	Rank (if any) (within 20)	No of Successful Students (2011)	Rank (if any) (within 20)
Mathematics	WBSSC	2	14 (Western Zone)	3	-
	CSIR-NET	2	-	-	-
	GATE	4	20	-	-
Sanskrit	WBSSC	4	1 (North-Eastern); 5 (Eastern)	5	4 (Southern) ; 5 (Southern) ; 16 (Southern) ; 15 (Esatern) ; 1 Western – OBC) ;
	NET	3		-	-
	SET	2		-	-
Bengali	WBSSC	1		3	2 (Northern) ; 7 (Northern – SC) ; 13 (Eastern)

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. Apart from that sometimes teachers are given permission to do their doctoral course the country and abroad.

SI No	Name of the Teacher	Name of the Dept	Duration of the Programme	Name of the Course
1	Prithwiraj Biswas	History	3.5.2011-2.5.2012	Course Work and Doctoral Degree

7. Total number of seminars/workshops conducted:

**SEMINARS/ LECTURES
DURING THE YEAR 2010-11**

A : Special Memorial Lectures

SI No	Name of the Lecture	Date	Name of the Topic	Name of the Speaker
1	College Foundation Day Lecture	06.07.10	---	Swami Prabhananda
2	Rani Rasmoni Memorial Lecture	15.08.10	Sri Sri Mayer Jaya Bijoya : Jogin Maa O Golap Maa	Swami Devarajananda
3	Ambia Sarkar and Jadunath Memorial Lecture	13.11.10	Sri Ramakrishna O Baishnab Sadhana	Sribatsa Goswami
4	Swami Tejasananda Memorial Lecture	12.03.10	Sanskrit Bhasa Sahitya Ebong Bharatyio Sanskriti	Karunasindhu Das

B : Departmental Seminars

SI No	Department	Date	Name of the Topic	Name of the Speaker
1	Bengali	17.09.10	The Dilemma of a Poet Working in Two Different Languages	Merli M Alunan, Prof, U P College, Philippines
2	English	15.02.10	The Art of the Scribbler : A Symposium on Creative Writing	Prof Ipshita Chanda, Jadavpur University ; Prof Rimi B Chatterjee, Jadavpur University ; Nabarun Bhattachrya, Novelist ; Anjana Basu, Novelist, Trisha Roy, Novelist ; Swami Samarpanananda, Writer
3	Sanskrit	23.10.11	Padavrittih	Ayan Bhattacharya, West Bengal State University, Barasat
4	Philosophy	04.12.10	Aesthetics : Kant and Anandavardhana	Gopal Khan, Former Prof, Burdwan University and Nalinikanta Brahma Professor of Ramakrishna Mission Vidyamandira, Belur Math
		16.12.10	Bidhi from Mimansa Point of View	Indrani Sanyal, Prof, Jadavpur University
		28.01.11	Logic and Ordinary Language	Manidipa Sanyal, Prof, Calcutta University
5	Economics	12.05.10	Global Financial Crisis	Debkumar Chakraborty, Asst Prof, Ramakrishna Mission Vidyamandira
6	Chemistry	23.07.10	RGDK –	Dipankar Pramanik, Post-doc

			Lipopeptides in anti-angiogenic Cancer Therapy	Fellow, John Hopkine's University, School of Medicine, USA
		31.01.11	Spin Cross-over Concept & Underlying Photophysics at a Fundamental Level	Pradip Chakraborty, Scholar, University of Geneva, Switzerland
		17.03.11	Molecular Level Understanding of Hydration of Ions : Size Selected Cluster Spectroscopy	Dilip Kr Maity, BARC, Trombay
7	Mathematics	21.02.11	Role of Geometry in Relativity Theory	Subinoy Chakraborty, Mathematics, Jadavpur University
8	Microbiology	29.09.10	Emerging World of RNA : Paradigm Shift in Modern Biology	Anindita Ukil, Prof, Calcutta University
		10.01.11	Glimpses on Autoimmune Diseases	Dr Pradyut Sinha Mahapatra, Prof, SSKM Hospital
9	Industrial Chemistry	17.09.10	The Prospect of Non-conventional Energy	Sujoy Basu, Former Prof, Jadavpur University ; Joy Mukherjee, Industrialist ; Rudrendu Basu, Dy Director, WBREDA

C: Weekly Seminars

SI No	Date	Name of the Topic	Name of the Speaker
1	17.03.10	Sangshodhanagarer Nana Katha	Swami Divyananda, Secretary, Ramakrishna Mission Saradapitha
2	23.04.10	Lense Views of Ladakh	Subrata Roy Chowdhury, Associate Prof, Ramakrishna Mission Vidyamandira
3	10.07.10	The Flower of the Himalayas	Dwijendranath Banerjee, Staff, UBI, Belur Math
4	17.07.10	Gitabitan Archive	Dr Purnendu Bikash Sarkar, Physician and Singer
5	04.08.10	Advances in Neuro Sciences and Service to Mankind	Dr Jayanta Roy, MD, DM
6	22.01.11	Banglar Shastriya Nritya : Gouriya Nritya	Mahua Mukhopadhyay, Prof, Rabindra Bharati University
7	12.02.11	Bharater Pratham Dakkhin Meru	Dr Pradip Malhotra, Physician and

		Abhijan	Abhijatri
8	26.02.11	Everest Abhijan	Basanta Singha Roy and Debashis Biswas, 1 st non-govt Everest Climbers
9	05.03.11	Basic Concepts of Counselling : A Brief Introduction to Life & Education	Dr Jyotirmoy Sikdar and Mohit Ranadip, Psychiatric and Counselor

8. Research Projects :

Two of our teachers obtained their Ph.D. degrees during the period under consideration. Their details are as follows:

Name (and dept.)	Thesis Entitled	University	From
Dipankar Mallik	<i>Loka-samskritir Alope Bangla Mangal-Kavya</i>	University of Calcutta	5.10.2010
Bhabesh Roy	Study of the Transport and Magnetic Properties of Some Rare-earth Transition Metal Oxides	University of Jadavpur	22.11.2010

During this current academic session the following **Minor Research Projects** were newly sanctioned by the UGC office. The duration for MRP is now 18 months and submission of report and accounts must be done keeping this in mind.

Grant recd from:/on	Sl. No. & Purpose for the grant	Subject	Approved amt. (Rs.)
	Minor Research Projects		
14.12.2010	Bhabesh Roy	<i>"Study of Magnetocabrific Effect in some Manganites"</i>	1,01,000/-
14.12.2010	Santanu Moitra	<i>"Isolation and Characterization of Heavy Metal Resistant Bacteria from..... Bioremediation"</i>	1,82,000/-

9. Patents Generated, if any: Nil

10. New collaborative research programmes : Nil

11. Research grants received from various agencies :Rs. 2,83,000.00

12. Details of research scholars: Nil.

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 :

The college **NCC** unit is attached to 21 Bengal Battalion. The total no. of cadets is 114 (1st yr 106, 2nd yr 8). Of these, 6 cadets appeared for the C-certificate Examination and 69 cadets appeared for the B-certificate Examination.

Other activities of the NCC unit: A seminar on 'Non-Conventional Energy Sources' was organized on 14/11/2010 which was attended by NCC cadets and NCC officers. The cadets enthusiastically participated in Flag-Day collection on 18/1/11, the total amount collected being `13,260/-. A new NCC office has been set up in one of the rooms of the college.

The **NSS** unit of our college conducted several activities during the academic year '2010-2011'.

The different activities are:

- (1) Competitions organized on the occasion of the 19th Commonwealth Games:
The following competitions were held in our college campus on the occasion of the 9th Commonwealth Games held at New Delhi in October 2010 [Grant received from the Calcutta University]: *Essay Writing, Poster Drawing, Extempore Speech, Debate, Quiz and Music.*
- (2) Repairing of Vivekananda Setu at Bally
- (3) Blood Donation Camp:
(in collaboration with Heamophilia Society Blood Bank)
Date:-10th October 2010; Total no. of blood donors:- 112
- (4) Cloth distribution among needy people:
Date:- 10th October 2010; 186 children received cloths and 30 female got one saree each.
- (5) Special camp at Sandalerbill, North 24 Parganas:

Duration:- 25th – 29th December 2010

Participants:- 48 students and 6 monastic members.

Subject of survey:- Survey on education and health related affairs.

(6) Communal Harmony Fund Raising:

Date:- 18th January 2011; Participants:- 51 students; Total amount of collection:- Rs. 11700/-

The collected sum was sent to National Foundation for Communal Hermony, New Delhi, for the promotion of Communal Harmony & other philanthropic activities.

(7) Distribution of Exercise books

(8) Distribution of used clothes among needy people

(9) Regular Activities, undertaken on Sundays:

Included clearing of the college campus, tree plantation etc.

18. **Teachers and officers newly recruited:** Teachers : 3 ; Other Staff : 3

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

<i>Present teaching strength</i>	44
<i>Present Non-teaching staff</i>	25
<i>Present Teaching & Non-teaching Ratio</i>	41 : 22

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

New books / journals subscribed and their value :

No of New books purchased during the session : 2497

Valuation of the total new books purchased during the session : Rs. 7,22,063.00

No of Journals purchased during the session : 90 (+ online journal Inlibnet) : Rs. 52641.00

Valuation of the total journals purchased during the session : Rs. 52641.00

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.

22. Unit cost of education :

The unit cost of education is calculated, for the Financial Year 2010-2011 as under:

Total Expenditure/ No. of students = Rs. 4,44,14,932.68 / 567 = Rs. 78,333.21 per year.

23. 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.

24. Increase in infrastructural facilities

XIth plan allocation

The total amount of grants sanctioned for the college for the plan period is:

Development Assistance for Undergraduate Education	Rs. 16,00,000
Professional (Major) Courses leading to degree	Rs. 2,00,000
Additional Grant/Schemes Merged with Development Grants	Rs. 99,60,000
TOTAL	Rs. 1,17,60,000

College with Potential for Excellence

The UGC informed the college, vide letter dt. 18 March 2010 that it has been selected as a `College with Potential for Excellence Thereafter, the Principal, Vice-Principal and Accountant went to the UGC Office, New Delhi, where the following budget was duly approved and received:

Proposed Utilization of Grant	Non-Recurring Grant (in lakhs)	Recurring Grant (in lakhs)
Teaching Facilities (UG)	Rs 38.0 lakhs	Rs 24.0 lakhs
Teaching Facilities (PG)	Rs 20.0 lakhs	Rs 9.0 lakhs
Research Facilities	Rs 9.0 lakhs	Rs 7.5 lakhs
Extension Activities	Rs 10.0 lakhs	Rs 15.5 lakhs
Any other Activities	Rs 13.0 lakhs	Rs 4.0 lakhs

TOTAL	Rs 90.0 lakhs	Rs 60.0 lakhs
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Out of these CPE funds, a new **Computer Laboratory** with 28 computers is being set up for use by Statistics, Computer Science, Economics and Mathematics departments. Every department of the college (15 departments) is being provided with 1 desktop computer, 1 laptop computer, 1 printer as well as internet connection. This will provide more accessories to the teachers of the different departments so that they can spend time fruitfully for academic purposes.

Other important UGC grants received/ sanctioned during this period are the following:

An amount of Rs. 35 lakh was received from the UGC (for laboratory-based subjects), which can be utilized for **development of infrastructure** in terms of power supply, water supply, safety equipments, fume hood, laboratory working table and upgrading of laboratory etc. in Science Departments of this college.

Accordingly, from the UGC funds, *Solar Water Heating systems* are being installed for the Kitchen (hostel), the different hostels and other locations. The water tanks and solar panels are being set up on the roof tops of the hostel and college buildings. A Solar Power Plant (Grid-connected) with a total capacity of 3.52 Kwp (kilowatt-peak) is also being envisaged. Such a power-plant installation will help bring down the monthly expenditure for electricity considerably.

Two new generators, one for the hostel and one for the auditorium campus are also in the offing, and are expected to be installed by mid-April.

Out of the UGC funds again, a number of *water purification systems* (ordinary and cold) will soon be installed in the different hostels, laboratories, and auditorium. In these purification units, water will be purified through the process of reverse osmosis.

A sanction of Rs. 25 lakhs as **Additional Assistance to Colleges** was received from UGC, Eastern Regional Office. A number of items have been purchased from this grant viz. Generator, Equipments for Smart Class Rooms, Xerox machine, Digital Cameras (Ordinary & Video), Refrigerators, TV (Samsung 55", Samsung), Software and laboratory equipments. A UV-Vis *Spectrophotometer* was purchased from Jasco International Co., Ltd, Japan, for the Microbiology Department, out of these funds.

A total of **Six 'smart class rooms'** are being set up in the college. Most of these classrooms will have the following devices: (i) LCD projector to magnify any e-file, (ii) Avermedia portable digital document visualizer to project any writing/ document, (iii) An electronic pen to write on the interactive surface. (iv) 3M Annotation Sensor to make any surface interactive. Classes can now be conducted by teachers with the help of these innovative tools, a laptop/ computer being an additional necessary tool. In future, we plan to extend similar facilities to more classrooms and to the auditorium also.

A partition wall installed in **Room 11 (Physics)**, connecting thereby the Canteen Building and the Physics Building, through the 2nd Floor.

Other significant works undertaken by the department are:

- (i) **All Buildings:** Cutting, refilling, concrete and soil line for internet and generator cable line

- (ii) **Exam Control Office (Hobby House):** Painting, new carpet fixing, casting sunshade, Partition for new exam control office.
 - (iii) Construction of new **Industrial Chemistry workshop.**
 - (iv) **Main Building:** (a) Renovation of Main Office (b) Roof treatment above Microbiology Department.
 - (v) **Physics Department:** Anti-termite treatment to wall, floor and outside soil
 - (vi) **UBI Campus:** Concrete Road in front of the bank.
 - (vii) **Vinay Bhavan:** Renovation of bathrooms (with tiles and commode fixing).
- Hostel Campus:** (a) Sunshades fitted to rooms in Vidya, Sree and Vivek Bhavans (b) Drinking Water line laying in the hostel complex: drinking water available from Belur Math Water Filter Plant

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 : 240
- ⌘ Scholarship amount awarded from college and from other sources (through college) :
Rs. 24,02,600/- per anum

28. Activities and support from the Alumni Association :

- ⌘ Alumni Association has awarded scholarships of Rs. 1,74,500/- to 20 current students.
- ⌘ Association actively took part in organizing and conducting Vivekananda Sammelan in Uttar Dinajpur district along with Vidyamandira.
- ⌘ Alumni Association provided Rs 7000/- as scholarship to 3 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.
- ⌘ Alumni Association organizes Swami Tejasananda Memorial Quiz competition among the

students of college and universities.

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. 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 and other clinical 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.

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 Shiv Sankar Pal, renowned cricketer was the Chief Guest of the prize distribution held after the Tejasananda Memorial Cricket match. The Annual Athletics Meet was held on 5 February 2011. The prizes were given away by Amal Dutta (President) and Rupak Saha (Chief Guest).

Under the UGC Scheme of Financial Assistance for Development of Sports Infrastructure and Equipment, we have submitted proposals for a Swimming Pool (8 lanes, 25 metre—Rs 40 lakh) and Standard Sports Equipment (Rs 5 lakh). The swimming pool, if the proposal is passed, will be located in the 'Vivekananda Sabhagriha' campus.

The **District Athletics Meet** among the colleges of Howrah District was organized by Bagnan College this year. A total of 9 students participated in the district-level meet. Of these Vivekananda Duary (200 mts—1st, Long Jump 2nd) & Ekramul Haque (Shot Put—3rd) won prizes. Vivekananda Duary also competed in the two events (for which he won prizes) at the State-level Athletics Meet.

A table-tennis team from our college became Runners-up at a TT meet among Ramakrishna Mission institutions held at Narendrapur. Mayukh Bhadra, a student of 2nd yr, became the 3rd place-holder in the individual championship. Our special thanks to Sw Arunatmananda and other staff members for the efficient conducting of sports activities.

32. Incentive to outstanding sportspersons:

Nil.

33. Student achievements and awards :

Undergraduate:

The performance of our Honours students at C.U. **Part III Exam (2010)** is summarized below:
(Ranks within 1-10 provided)

HONOURS SUBJECT	POSITION (RANKS) OBTAINED IN 2010
Physics Honours	4, 7, 8(Jt), 9
Chemistry Honours	7, 8(Jt)
Microbiology Honours	----
Mathematics Honours	----
Sanskrit Honours	1 st (Jt), 3, 5
English Honours	4 (Jt)
Bengali Honours	4
History Honours	----
Economics Honours	9 (Jt)
Political Science Honours	8
Philosophy Honours	

Results in Different Entrance Examinations after UG Course of Study (2010):

Name of the Department	Examination / Institute	No of Successful Students	Rank (if any) (within 20)
Physics	Cambridge University, UK	1	
	IIT-JAM	23	4, 20
	TIFR (Mumbai)	2	

	CMI	2	
Chemistry	IIT-JAM	22	6, 11, 16
	IISc	2	
Mathematics	IIT-JAM	4	
	IISER	1	
Computer Applications	Pondichery University	2	
	Vivekananda University	1	
Industrial Chemistry	Sardar Patel University, Gujarat	7	
Microbiology	University of Hyderabad	1	-
English	University of Hyderabad	4	-
	Pondicherry University	1	-

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 :

Although, in previous years the students of this college availed the scope of placement service and had good jobs therefrom, but in this year no student showed any interest to go for the job, rather they preferred to go for higher education.

These are the results for the current session:

Department	No of Students Participated	Company invited	No of Successful Candidates
Industrial Chemistry	11	ACC Limited	6

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. 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).
- ⌘ 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

Internal: The Vidyamandira has a rich tradition of cultural activities-- different functions and competitions mark the fully residential Vidyamandira life. A number of competitions viz. extempore speech, elocution, recitation, debate, drawing, quiz, drama, music are held in the college. Saraswati Puja is celebrated with grandeur in the college. The Sarodatsava, Navavarsha and Saraswati are marked by cultural performances by the staff members of the college and hostel.

External: A number of students of our college have excelled in cultural competitions related to the life and teachings of Swami Vivekananda at the different Ramakrishna Mission centres. Students of the Chemistry Department (Sridhar Banerjee, Samrat Sinha, Shaunak Chakraborty) became champions at the Chemi Quiz Champion at Presidency University, 2011.

Creative Efforts: Hostel wall magazines are published on special occasions e.g. Mahalaya, Bengali New Year etc. A number of departments also publish wall-magazines containing articles relevant to the subject. The Annual College Magazine, the *Vidyamandira Patrika*, containing sections in Bengali, English and Sanskrit was published on 26 July 2010. Our thanks to the editor for the issue, Sri Tapan Kumar Ghosh, for this publication! Writings for the 2011 magazine have arrived and are being duly edited.

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 privilege to provide them with the scholarships on need basis. But, we gratefully acknowledge the assistance given by some institutes years together in this respect.

Any other relevant information the institution wishes to add :

TOURS, TRAVELS, ACADEMIC VISIT etc.

A : Tours and Travels :

1. Educational Tour (Departmental) :

SI No	Date	Department	Places Visited	Academic Programme
1	04.09.10- .09.09.10	Microbiology	Gangtok, Sikkim	Industrial Visit to Yuksum Breweries
2	27.12.10 - 02.01.11	Bengali	Ajanta, Ellora, Shegaon	Interactive Programme at Burugale College of Arts and Science, Shegaon

2. General Tour (Departmental) :

SI No	Date	Department	Places Visited
1	24.09.10 – 27.09.10	Chemistry	Deoghar
2	29.09.10 – 04.10.10	Mathematics	Jabalpur
3	02.11.10	Economics	Gadiara
4	11.11.10 – 18.11.10	Physics	Lavalolegaon
5	24.01.11 – 28.01.11	Cpmputer Science	Jalpaiguri, Coochbehar, Bhutan

3. Hostel Tour (for all 1st yr students of UG and PG courses) :

SI No	Date	Hostel	Places Visited
1	25.01.11	Vivek Bhavan	Kamarpukur, Jayrambati
2	16.02.11	Shraddha Bhavan	Kamarpukur, Jayrambati

B: Academic Visit, Industrial Training, Project Work:**1. Academic Visit (Departmental):**

SI No	Date	Department	Institute Visited	Academic Programme
1	28.09.10	Bengali	Sahitya Akademi & Asiatic Society	Seminar and Visit
2	28.02.11 – 01.03.11	Industrial Chemistry	18 th State Science Congress at Ramakrishna Mission Residential College, Narendrapur	Science Exhibition
3	28.02.11 – 01.03.11	Microbiology	18 th State Science Congress at Ramakrishna Mission Residential College, Narendrapur	Science Exhibition
4	16.03.11	Chemistry	Variable Energy Cyclotron Centre, Kolkata	Laboratory Visit

2. Industrial Training:

SI No	Date	Department	Institute	No of students Participated
1	29.09.10 – 15.11.10	Industrial Chemistry	ACC Ltd, Dhanbad and Chaibasa ; Tata Refractories, Belpahara ; Jhonson Tiles, Mumbai ; Ruia Chemicals Pvt Ltd,	11

			Kolkata	
2	13.09.10 – 14.11.10	Computer Applications	ISI, Kolkata ; Mentorminds Solution and Services Pvt Ltd, Chennai	11
3	Puja Vacation, 2010	Chemistry	BARC	4
4	Puja Vacation, 2010	Mathematics	ISI, Kolkata	12

PART C

PLAN FOR THE NEXT YEAR

- ⌘ **The college has been awarded the 'College with potential for Excellence' status by UGC on 15.10.2010.**

A big amount has been sent by UGC for the infrastructural and other academic development of the college. But as the amount reached the college authority much late, the college is getting only 3 years to spend it. Hence, the college authority has a huge task in the coming year to implement all the plans as mentioned in the CPE budget.

- ⌘ **The college has been conferred upon the 'Autonomy' status by UGC on 21.06.2010.** Although all the departments have started the process reframing their curriculum, but, it will take some more year, as the coming session will be the second session under autonomous system and it should be mentioned that another year of students are there who will be studying under the previous Calcutta University system.
- ⌘ The departments of Industrial Chemistry and Chemistry are planning to start a new post graduate course under the nomenclature Applied Chemistry. The curriculum, syllabus and other matters are to be finalized for this course.
- ⌘ 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.