



**The Annual Quality Assurance Report
(AQAR)**

of

Lady Brabourne College

2011

PART A : PROJECTION 2011-2012

Upgradation of Institution

- ❖ The College continued in its pursuit of attaining CPE and finalized its budget and Action Plan in accordance with UGC norms.
- ❖ The dialogue with the Higher Education Department, Government of West Bengal, continued in earnest as the College impressed upon the Government the urgency to reaccredit the institution in 2011. During the processing of the AQAR the college was awaiting response from the Government.
- ❖ The PWD was urged to intensify its effort to complete the first phase of Roma Chaudhuri Memorial Building.

New Courses

- ❖ The Department of Microbiology came up with the idea of opening a one year Post Graduate Diploma course with sponsorship from UGC.
- ❖ The need was felt to further bridge the gap between education and employment and blueprint -level plan was initiated to open certificate courses in 'Public Relations & Advertising' and 'Multimedia and Animation'.

Infrastructural Extension

- ❖ The existing networking was planned to be expanded and WAN was the thrust area in the proposed expansion.
- ❖ The expansion of the PG hostel building using UGC Special grant and up-gradation with provision for quality food at the new PG canteen was also being considered.
- ❖ A generator was proposed to be installed to ensure uninterrupted power supply during examinations and practical lab demonstrations.
- ❖ Plans were made to install a fridge and a microwave in the General Staff room to provide more facilities to teachers to sustain them during long work hours.
- ❖ A dedicated space was planned to set up a Psychological Counselling Cell as part of the proposed action plan of the CPE.

Programmes Proposed

- ❖ A Value Education seminar was proposed to be organized to commemorate the Birth Centenary of Prof. Roma Chaudhuri by the IQAC.
- ❖ The Library and the Women's Studies Centre planned to hold a 5 Day Workshop on Capacity Building of women Managers in Higher Education.
- ❖ The Women's Studies Centre proposed to celebrate the first anniversary of its initiation and to mark the International Women's Day by a seminar titled "Gender and Mental Health".

- ❖ The Department of Microbiology tabled a proposition for an Awareness Programme on Cervical Cancer.
- ❖ A UGC sponsored National Level Seminar which was being contemplated in late 2010 was planned further and it was decided by the department of Physics to title it “Laser since 1960 and the Future Challenges on Quantum Optics.
- ❖ Under the CPE seminar & workshop on Film & Literature was planned with collaboration between the Department of English and the SRFTI.
- ❖ The Departments of Geography, Botany, Zoology, Microbiology, Chemistry and Statistics began giving final shape to the socially viable East Kolkata Wetland Project under the CPE Action Plan.

PART B

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

- ❖ The Institution’s projection for the CPE and its continuous efforts at advancing education reflect its traditional commitment towards empowering the Indian woman.
- ❖ The college was awarded the status of Centre with Potential for Excellence and this further endorsed that its declared aim of providing all-round training for grooming future citizens of India conscious of their duties and responsibilities was paying dividends.
- ❖ The college was also awarded the DBT STAR status by the Department of Biotechnology, Government of India as recognition for its tireless effort to provide quality education in the empirical sciences in complete awareness of the cutting edge scientific learning across the world.
- ❖ The college was also brought under the FIST Programme of DST in Level O Category because the FIST Advisory Board found it sensitive to progress and development in the scientific field.

2. New Programmes Initiated

- ❖ The Department of Microbiology successfully began a one year PG diploma course under UGC sponsorship in Food & Drug Safety. The widespread social benefits of this course cannot be overemphasized. The very real threats towards health and hygiene from adulterated food especially in commodities like baby food make imperative education in such subjects. Of course students trained under this course are very sought after in the job market as analysts and lab technicians.
- ❖ The Certificate Courses in ‘Public Relations and Advertising’ and ‘Multimedia and Animation’ were also opened with a view to providing scope to the students to use their education to applied effect and expose themselves to job orientation.

3. Programmes Hosted by the College

❖ The Women's Studies Centre celebrated its anniversary, clubbing it with the commemoration of the International Women's Day by organizing a seminar on 'Gender and Mental Health' on 8th March, 2011. The programme raised many contemporary problems and gave rise to a lively debate in the interactive session that followed.

❖ A Value Education Seminar was organized by the IQAC on "Professor Roma Chaudhuri's Perception of Human Value Education" on 29th August 2011. The speaker Dr. Sarmistha Dutta Gupta highlighted many unknown areas concerning the pioneer efforts of Dr. Chaudhuri at spreading education among women of all communities and there emerged the importance of Lady Brabourne College in the uplifting of women of the minority community from the early years of the 20th century.

❖ The Department of Physics organized a two day National Level seminar sponsored by the UGC on "Laser since 1960 and the Future Challenges in Quantum Optics" in September 2011. Eminent Physicists like Prof.P.N.Ghosh, Prof. A.K.Roy Chaudhuri, Prof. S.K. Pal, Prof. Rupamanjari Ghosh and others impressed the gathering of academics and students with their illuminating audio-visual presentations.

4. Initiative Towards Faculty Development Programme-

a) *On-Going UGC funded Research (Minor)*

Sl. No.	Name of Faculty	UGC	Department	Year	Amount
1.	Baisali Sinha	Funded by W.S.C., LBC. Run by U.G.C.	Sociology	Completed in 2011	
2.	Shikha Paul	do	Sociology	Completed in 2011	
3.	Shikha Paul	UGC	Sociology	2012	1,12,290

4.	Dr. Sumana Saha	UGC	Zoology	2012-2014	1,70,000
5.	Smt. Antara Kar PSW- 088/10-11(ERO) dt. 20.10.10	UGC	Zoology	2011-2013	1,66,000
6.	Dr. Soma Samaddar & Dr. Nabanita Kundu UGC(MRP-F.PSW-039/ 11-12 (ERO)	do	Chemistry	2011-2013	1,58,000

b) **Faculty Improvement Programmes :**

Orientation & Refresher Courses, Other faculty Improvement Programs attended by Staff Members during 1.4.2011 to 31.3.2012.

Department	Name	Designation	Course ended	Date
English	Madhumita Barua	Assistant Professor	Orientation Programme organized by the Academic Staff College of Jadavpur University	2011
Mathematics	Dr. B. Biswas	Assistant Professor	Orientation Programme at Jadavpur University	23.05.2011 to 18.06.2011
History	Aparna Bandyopadhyay	Assistant Professor	Refresher Course on 'Women in Politics: Family, Community and the State' organized by Academic Staff College, Jadavpur University	09.02.2011-02.03.2011
Zoology	Dr. Paulami Maiti	Assistant Professor	Refresher Course held at UGC- ASC, Dept of Physiology Calcutta University	21 st November, 2011 – 12 th Dec, 2011

Zoology	Durba Bhattacharya	Assistant Professor	Orientation Programme held at UGC- ASC Jadavpur University	23 rd May – 18 th June, 2011
Zoology	Sujata Dhar (Dutta)	Assistant Professor	Orientation Programme held at UGC- ASC Jadavpur University	23 rd May – 18 th June, 2011
Microbiology	Ms. Sudipta Paul Bhattacharya	Asstt. Professor	UGC sponsord orientation programme – ASC- JU	23.05.11- 18.06.11
Economics	Mou Roy Ruby Pal	Associate Professor Associate Professor	Workshop for UG Economics Teachers on Teaching of the New Syllabi in BA/BSc Courses of studies in Economics	9.7.2011
Statistics	Snigdha Pain	Assistant Professor	Orientation Course	11.06.11- 09.07.2011
Physics	Dr. Chhanda Basu Chaudhuri Dr. Barnali Chakrabarti	Assistant Professor	Refresher Course held at UGC- ASC, Dept of Physics, Calcutta University	4 th July - 23 rd July, 2011

Ph.D/ M.Phil or any other degree awarded to Staff Members during 1.4.2011 to 31.3.2012.

Department	Name	Designation	Degree Awarded	Date
Sanskrit	Samapti Garai	Assistant Professor	Ph.D awarded from Burdwan University	20.01.2012

5. Details of Career Advancement, Transfer & New Appointments from 1.4.2011 to 31.3.2012

TRANSFERS

Department	Name	Details with G.O. No. & Date
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English	Professor Sanjukta Das	Joined on 3/1/2011 as Principal , Sanskrit College, Kolkata vide GO 1102/EDN/A date 18/11/2010, No.776Edn(A)6T-6/11 dated 13 th Sept2011
English	Smt. Sujata Bhattacharya	Transferred to Chandannagore College vide GO No. 837-Edn.(A)/6T-2/2009
English	Dr. Sanmita Ghosh	Transferred to Hooghly Mohsin College vide GO No.837/EDN/A /6T-2/2009 dated 18/10/2011
English	Smt. Madumita Barua	Transferred from Krishnanagar Govt. College vide GO No 837-Edn.(A)/6T-2/2009
English	Dr. Paramita Chaudhuri	Transferred from Taki Govt. College vide GO No No 837-Edn.(A)/6T-2/2009
History	Aparna Bandyopadhyay	Transferred from Barasat Government College vide G.O. No.76-Edn (A)/6T-11/08
Zoology	Dr. Sumana Saha	Transferred from Lady Brabourne College to Darjeeling Govt. College
Zoology	Antara Kar	Transferred from Krishnanagar Govt. College to Lady Brabourne College
Geography	Smt. Mohua Chatterjee	Joined at Lady Brabourne College on 18.05.2011, GO No. 149-EDN (A)/6T-7/2009 dated 1.03.2011

Information regarding Retirement and Obituaries during 1.4.2011 to 31.3.2012.

Department	Name	Details
English	Dr Sabita Majumder	Retired from West Bengal Education Service in June 2011
Philosophy	Smt. Mamata Dhar	Retired from West Bengal Education Service on 31.03.2012

6. Student Information

Students Success and Progression

Department	Name of Student	Fellowship/Award with year	Other Achievements
Mathematics	Sirajun Tahura	Roma Chaudhuri Memorial Trophy for Academic Excellence	Ranked 1 st in the 1 st class among all streams in CU UG Final Exam - 2011
Microbiology	3 PG students	GATE qualified	
Microbiology	6 PG students	NET qualified	
Chemistry	<ol style="list-style-type: none"> 1. Swagata Haldar 2. Jayasree Sadhukhan 3. Malyasree Giri 4. Indrani Banerjee 5. Sangita Kundu 6. Neha Ghosh 7. Zarrin Shahzadi 8. Sultana Parveen 9. Sreya Sarkar 10. Chumki Dalal 11. Mou Chakraborty 12. Suhita Basu Mallick 13. Shruti Aich 14. Sudeshna Patra 	Merit scholarship by DPI, Govt. of West Bengal	
Chemistry	<ol style="list-style-type: none"> 1. Swagata Haldar 2. Jayasree Sadhukhan 3. Malyasree Giri 4. Indrani Banerjee 5. Sangita Kundu 6. Neha Ghosh 7. Zarrin Shahzadi 8. Sultana Parveen 9. Sreya Sarkar 10. Chumki Dalal 11. Mou Chakraborty 12. Ankita Roy 13. Rajyasree Banerjee 14. Sudeshna Patra 	National Scholarship	
Urdu	Afreen Begum	University Rank Holder	First Class First in College

Department of Zoology

No. of students	Type of course / programme or service	University/Institute/Company
15	Pursuing M.Sc. in Zoology from various Universities and Colleges	<ul style="list-style-type: none"> • Ballygunge Science College (C.U.) – 9 • Presidency University - 1 • Asutosh College - 2 • Banaras Hindu University – 1 • Bethune College - 1 • Burdwan university – 1
1	Pursuing M.Sc. in Environment	<ul style="list-style-type: none"> • Dehradun University
1	Pursuing M.Sc. in Microbiology	<ul style="list-style-type: none"> • Vellore Institute of Technology
1	Pursuing M.Sc. in Biotechnology	<ul style="list-style-type: none"> • Presidency University
1	Pursuing M.Sc. in Neuroscience	<ul style="list-style-type: none"> • Calcutta University
1	Pursuing MCA	<ul style="list-style-type: none"> • Sikkim Manipal University
1	Pursuing MBA	<ul style="list-style-type: none"> • Excel Institute of Management (EIM)

Financial Assistance Granted To Students

Sl. No.	Name of the Applicant	Year	Roll	Subject	Grant Sanctioned (Rs.)	Purpose
1.	Anindita Ghosh	B.Sc.3 rd year	361	Geography	3000	Excursion & Books
2.	Trina Mondal	B.Sc.2 nd year	230	Physics	2000	Books/Lab Note Book
3.	Suparna Chakraborty	B.Sc.1 st year	403	Microbiology	2750	Books/Lab Note Book + Comp
4.	Jaynab Khatun	B.Sc.1 st year	285	Chemistry	2750	Books/Lab Note Book + Comp
5.	Powlomee Sarkar	B.Sc.1 st year	263	Chemistry	2000	Books/Lab Note Book
6.	Rafia Sinin	B.Sc.1 st year	441	Botany	3000	Excursion & Books/Lab Note Book

7.	FarzanaKhatoon	B.Sc.1 st year	566	Zoology	3000	Excursion & Books/Lab Note Book
8.	Kuheli Das	B.Sc.1 st year	505	Physics	2000	Books/Lab Note Book
9.	Rita Majumdar	B.Sc.1 st year	520	Physics	2000	Books
10.	SnehaJaiswal	B.Sc.2 nd year	231	Physics	2000	Books
11.	PiyaliChatterjee	B.A.1 st year	115	History	2750	Books+Comp
12.	ZeenaParveen	B.A.1 st year	110	History	2000	Books
13.	Tania Karar	B.A.1 st year	41	Philosophy	2000	Books
14.	ZebaZulfiqar	B.A.1 st year	29	Philosophy	2000	Books
15.	Roma Auddy	B.A.1 st year	53	Philosophy	2750	Books+Comp
16.	Baisakhi Roy	B.A.1 st year	25	Bengali	2750	Books+Comp
17.	TamaliMahalanabish	B.A.1 st year	14	Bengali	2750	Books+Comp
18.	Nilanjana Roy	B.A.1 st year	3	Bengali	2000	Books
19.	SunitaSahoo	B.A.1 st year	201	Sanskrit	2750	Books+Comp
20.	TabassumKhatoon	B.A.1 st year	205	Sanskrit	2750	Books+Comp
21.	SaaraHashim	B.A.1 st year	625	Persian	2750	Books+Comp
22.	Rukhsar begum	B.A.1 st year	67	Urdu	2750	Books+Comp
23.	SayeddaHussain	B.A.1 st year	76	Urdu	2750	Books+Comp
24.	Salma Naznin	B.A.1 st year	81	Urdu	2000	Books
25.	Tasneem Reza	B.A.1 st year	60	Urdu	2750	Books+Comp
26.	ShaguftaNishat	B.A.1 st year	68	Urdu	3000	Books+Mutimedia (1500/-)
27.	Ayesha Sultana	B.A.1 st year	82	Urdu	2750	Books+Comp
28.	Anwasha Saha	B.A.2 nd year	158	Sanskrit	2000	Books
29.	Rumpa Bano	B.A.1 st year	23	Bengali	2000	Books

WBMDFC POST MATRIC SCHOLARSHIP 2011-12

Total No. of Students	Total amt. of Maintenance Allowance given (Rs.)	Total amt. of Course Fee given (Rs.)	
140	5,84,000	2,02,650	
20	74,700	26,050	
Total	6,58,700	2,28,700	

WEST BENGAL GOVT. MERIT CUM MEANS SCHOLARSHIP 2011-12

Total No. of Students	Amt. of Scholarship (Rs.)	Total amt. of Scholarship given (Rs.)	

8	16,800	1,34,400	
5	10,800	54,000	
1	9000	9000	
	Total	1,97,400	

Supervision of Ph.D Students

Department of Geography:

Research Grants Received by JRF / SRF students registered for Ph.D Degree

Sl. No.	Name of Student	Status	Department	University registration	Year of Registration	Amount received (Rs.)	Supervisor	Research Topic
1.	Emily Saha	UGC JRF	Geography	Calcutta University	Yet to register C.U. Course completed	-----	Prof. Saswati Mookherjee	Fertility status with reference to Kolkata.

Ph. D. supervision :

Sl. No	Name	Name of the University	No. & Date of registration	Supervisor	Research Topic	Status
1.	Atanu Sarkar	Calcutta University	952Ph.D(Sc.)Proceed/2008 dated 24.3.2008	Dr. Saswati Mookherjee	Changing Pattern of Literacy & Population in Bankura District, West Bengal	Ongoing
2.	Jiban Mandal	Calcutta University	3544 Ph.D (Sc.) Proceed/2008 dated 22.10.2008	Dr. Saswati Mookherjee	Population Dynamics of South 24 Parganas – Ageographical Analysis	Ongoing

3.	Soma Dey	Calcutta University	1056 Ph.D (Sc.) Proceed/2009 dated 20.3.2009	Dr. Saswati Mookherjee	Problems & Prospects of Agrobased Industries in Burdwan & Hugli Districts of West Bengal: A Comparative Study	Ongoing
4.	Sumana Debnath	Calcutta University	1170 Ph.D(Sc.) Proceed/2009 dated 3.4.2009	Dr. Saswati Mookherjee	Geography of Gender with Special Reference to North 24 Parganas & Haora Districts of West Bengal.	Ongoing
5.	Anindita Das Majumder	Calcutta University	1987 Ph.D (Sc.) Proceed/2009 dated 28.5.2009	Dr. Saswati Mookherjee	Women's Role in Resource Appraisal & Participatory Management with Special Reference to Birbhum, West Bengal.	Ongoing`
6.	Tusi Das	Calcutta University	4588 Ph.D Sc.) Proceed/11	Dr. Saswati Mookherjee	Quality of Urban Life: A Comparative Study Between Kolkata Municipal Corporation And Haora Municipal Corporation	Ongoing
7.	Aritra Chakraborty	Calcutta University	4226 Ph.D Sc.) Proceed/11	Dr. Saswati Mookherjee	A Socio-Spatial Analysis Of Parliament And Assembly Elections in W.B	Ongoing

Department of Microbiology:

- PhD Thesis of Sm. Debalina Basu (Ghosh) - *Isolation and Characterization of Thermophilic Chitinase Producer Microorganism From Temperate Soil Submitted in 2012 under University of Calcutta.*
- Two other candidates have registered under the guidance of Dr. Aditi Nag Chaudhuri--one is doing on Effects of Heavy Metals on Cyanobacteria and another is doing on Garlic Extract as Antimycobacterial Agent.

Awards Won Off Campus for session 2011-2012

Sl. No.	Name	Department	Programme	Venue/Organizer	Award
1.	Team of three students	Microbiology	Dipta Memorial Quiz Contest	Bose Institute, Kolkata	Certificate of Runners up.

Activities of Career Counseling Cell during the session 2011-12

In keeping with recent trends, the college has a career counseling cell since 2002 which organizes various programmes for career development of aspiring students. The cell guides students in choosing the right career options in the ever expanding high-tech global job market. Major IT/MNC companies like TCS/ Reliance Infocom/Genpact/Accenture has visited our campus this year. They are in the process of recruiting the final year students.

Apart from this, several students industry interaction programmes have been organized through out the year. Only couple of them can be mentioned in this short span. Like

1. Teach for India
2. Indian Institute of Finance
3. Several Prestigious B-schools with their career options
4. Wipro BPO
5. Academy of Broad casting
6. International Management Institute
7. NIIT
8. Times of India

And many more....

The Companies updated us with relevant present day information regarding placement and management. They put up posters and presented talk on their project.

Ajim Premji University took special interest for our UG students for their PG courses which has an embedded management part and future placement scopes.

Last but not the least is the presentation and initiation of application of Bright students by UNIVERSITY OF SUSSEX ,UK.

Students Success and Progression for academic session 2011-2012**List of Top 25 University Rank Holders in different subjects:**

Department	Name of the student	Total marks	Class	Rank
Bengali	Mallika Mondal	500	I	3
	Mahuya Sarkar	484	I	21
English	Taniya Neogi	495	I	13
Persian	Gul Afshan Ansari	421	II	8
Sanskrit	Sayani De	517	I	16
Urdu	Kahkashan Naz	486	I	10

Political Science	Imrana Shahin	505	I	1
	Nandini Chatterjee	480	I	18
Sociology	Nilanjana Goswami	521	I	3
	Debarati Chakraborty	508	I	6
	Atindriya Das Gupta	508	I	7
	Ambreen Hashem	506	I	8
	Madhubanti Sen	502	I	10
	Suvra Roy	500	I	12
	Aratrika Bhattacharya	495	I	16
	Damayanti Bhattacharya	495	I	17
	Utsa Bagchi	492	I	18
	Anwita Ganguly	492	I	19
	Deepika Singh	487	I	21
	Sujata Das	484	I	24
	Sawoni Chowdhury	483	I	25
	Debapriya Sorkhel	483	I	26
	Sweta Ghosh	477	II	27
	Jinnatul Fatma	474	II	28
Aratrika Chowdhury	474	II	29	
History	Sreeparna Chatterjee	480	I	24
Mathematics	Sirajun Tahura	701	I	1
	Saba Sultana	651	I	4
	Antara Mapdar	630	I	8
	Bidisha Kashyapi	584	I	15
Microbiology	Shinjini Mitra	610	I	1
	Rusha Roy	594	I	3
	Debdatta Halder	581	I	5
	Puja Saha	575	I	6
	Madhumanti Mondal	535	I	19
Physics	Shreya Banerjee	620	I	2
	Sudeshna Saha	614	I	3
Chemistry	Papiya Bag	613	I	13
Statistics	Sayoni Roy	643	I	4
	Poulomi Das	601	I	8
	Monideepa Dutta	578	I	14
Zoology	Ankita Mitra	580	I	9
	Annesha Chatterjee	578	I	11
	Mohor Mitra	564	I	18
	Sanjana Banerjee	552	I	25
Botany	Minakshi Mukherjee	603	I	4
	Sayantika Ghosh	563	I	9
	Sweta Chakraborty	558	I	12

	Tanushree Bhunya	548	I	18
	Aparajita Choudhury	542	I	21
Economics	Chirasree Pal	514	I	20
	Protyusha Banerjee	513	I	21
Geography	Piyashee Mallik	504	I	8

7. Performance at Sports - Annual sports was held and enthusiasm was noted in the relay races and other athletic events.

8. Student Achievement & Awards

Post Graduate Prizes extended to include Departmental Prizes for English, Physics and Mathematics. Total PG prizes awarded -13

- ❖ Roma Chaudhuri Memorial Trophy for Outstanding student of the Year
- ❖ Golden Jubilee Commemorative Prize.
- ❖ P.C. Chandra Excellence Award
- ❖ Meghnad Saha Centenary Medal
- ❖ Niharbala Mukherjee Memorial Medal
- ❖ Total Endowment Prizes for UG 50+

9. Teaching-Non Teaching Staff ratio 1.56 : 1

10. Internal Resources Generated

- a) Tuition fees: Rs. 681530/-
- b) Admission Fee: Rs. 668640/-
- c) Self financing Computer Course: Rs. 24600/-
- d) Self-Financing Spanish Course: Rs. 10,000/-
- e) Earnings from holding Public Exams: 24,200/-
- f) Canteen & Cheap Store: 14,250/-
- g) Overhead from Departmental Practical exam: Rs. 6750/-
- h) Public Relations & Advertising: Rs. 50,400/-
- i) Diploma in PC application: Rs. 27625/-

11. Unit Cost of Education :

- (A) With Salary 30508.51
- (B) Without Salary 3147.83

12. Improvement in Library Services

Modernization of Library

Objectives -

- ❖ Restructuring of seating arrangements, and provision of furniture in congruence with present day requirements.
- ❖ To upgrade the library services with modern facilities, such as – internet access through Wi-Fi connection, designing of library webpage.
- ❖ To digitize the old, rare and valuable documents of Persian, Urdu and Sanskrit language.
- ❖ To bind the books and journals for better preservation.

Details of the work -

In the CPE Scheme, the following works have already been completed –

- a) Identification of old, rare and valuable documents of Persian, Urdu and Sanskrit language and Digitization of those documents.
- b) Dedusting and pest control work of main library, stack rooms, annexe room and seminar (departmental) libraries.
- c) Annual maintenance of reprographic unit and maintenance of computer systems and other accessories.
- d) Maintenance of Library infrastructure – Web page development of Lady Brabourne College Library and Repairing and maintenance of Fumigation chamber for pest control.
- e) Purchasing of the furnitures - ‘Journal display rack, Glass covered almirahs, Reading tables, Computer tables’ for remodeling of library.
- g) Purchasing and installation of three computers (two for library and one for Political Science department) and one pen drive.
- h) Customization of cataloging module.
- i) Books and Journals binding.
- j) Contingency.

Number of beneficiaries -

All students, faculty members , Research Scholars and other non-teaching staff of Lady Brabourne College are benefited.

13. Books and Journals subscribed

- a) Geographical Review of India – Rs.2000/- (Annual)
- b) Sanctuary-Rs 600/-(Annual)
- c) Khuda Baksh Library Journal-Rs.400/- Annual)
- d) Indian Journal of Pure and Applied Mathematics-Rs.2800/- (Annual)
- e) Mathematical Report- Rs.6336/- (Annual)

14. **Course in which student assessment of teachers is introduced**

Teachers are assessed annually by the outgoing students of third year class. The evaluation questionnaire requires a detailed assessment of teaching, counseling and guidance activities of teachers. If in very rare cases the Principal finds something even slightly wanting when she accesses these confidential reports she conducts close door sessions with the concerned teacher.

15. **Infrastructural Extension**

❖ The PWD began the plinth work of the first phase of Roma Chaudhuri Memorial Building.

❖ The extension of the existing WAN began including laying of structural cabling and installation of wireless access points at various strategic locations throughout was carried out.

❖ *Student Data Management Software (SDMS)* is a comprehensive software solution used at Lady Brabourne College (UG & PG Courses - 1+1+1 System), facilitating the management and analysis of a student's life cycle throughout his / her tenure at the Institution. Starting from getting admitted, to passing out and collecting fees, the system is capable of generating useful reports at the designated levels.

Student Data Management Software enables us to enhance efficiency, eliminate human errors and provide quick access to relevant data.

Student Data Management Software uses **VB.Net** for the front end and **My SQL 5 Server** for the backend.

Student Data Management Software manages Attendance, Fees, *Student Data Management Software* also generates Identity Card of students in printable format. We have successfully implemented *Student Data Management Software* at college with the grant.

Student Data Management Software is divided into two (2) modules :-

- A. Core Modules.
- B. Additional Optional Modules.

A) Core Modules

At a broad level *Student Data Management Software* consists of the following Core Modules :-

1. **User Management.**
2. **Student Entry Master.**

3. **Subject Entry Master.**
4. **Attendance Master.**
5. **Promotion.**
6. **Re-admission.**
7. **Fees Master.**
8. **Identity Card.**
9. **Certificates.**
10. **Utility Modules.**
 - a. Database Backup.
 - b. Database Restore.
 - c. Database Switching.
 - d. Database Server IP Settings.
 - e. Printer IP Settings.
 - f. Institution Details.
11. **Reports.**
 - a. User Action Tracking.
 - b. User Log Maintenance.
 - c. Student Detail.
 - d. Individual or Group Attendance Report.
 - e. ID card.
 - f. Details of students to whom ID card has been issued and when.
 - g. Fee Receipt.
 - h. Database Backup & Restore History Maintenance.

❖ A new double storied PG Hostel was completed by the PWD utilizing the Additional Grant for Women's Hostel approved and later sanctioned by the UGC in 2007 accommodating at present 45 students. The PG Canteen has been upgraded and extended hours and also a more substantial menu were ensured.

❖ An Ashok Leyland generator has been installed with help from additional grant by the UGC. It has been housed behind the Main Building in a dedicated shed built for the purpose.

❖ A fridge and a microwave in the General Staff room have been procured.

❖ A dedicated space was p to set up a Psychological Counselling cell as part of the utilization of the CPE funds. It started conducting counseling sessions in collaborative effort by the Political Science, Sociology and the Philosophy Departments.

16. **NSS- Extension Activities.**

- ❖ NSS Unit I carried on its routine activity of awareness programme through tree plantation drive, environment awareness programme, necessity of participating in pulse polio medicine intake drive.
- ❖ However of special mention would be the health and hygiene oriented talk by Dr. Arati Basu Sengupta, the eminent gynecologist, titled “Women Health and Hygiene.”
- ❖ The NSS activity that deserves special mention would have to be the extension programme concerning the work with women of the neighborhood slum. This will be treated in Best Practices section.

BEST PRACTICES I

NSS Unit I and NSS Unit II coordinated their efforts to work extensively with Gorachand Lane Slum situated behind the College Campus.

The Objective

- ❖ The target group of women to be sensitized on basic health and hygiene to promote community health. As wives, mothers and the segment earning livelihood the women were selected as the target group for promoting community welfare.
- ❖ The other target group of slum children was selected because they were the future of not only the community but had the potential to become more sensitized and valued citizens of a better tomorrow.

The Context

It is well known that city slums are places of unhealthy congestion with minimum or no hygienic amenities. They are hubs of ignorance of healthy activity involving children despite the fairly widespread awareness of school education; nutritional facts are unknown or considered in a casual fashion and so chronic childhood diseases like diarrhoea, typhoid, jaundice etc are common occurrences. Women are paradoxically the chief breadwinners but also the subject to exploitation and domestic violence; consequently they cannot channelize the required effort to sound child-rearing and better upkeep of their household environment. The NSS Units decided that piecemeal activities are not the need but a sustained camp and continuous interaction between the two group of stakeholders concerned namely the slum dwellers and the College students as community workers should be organized.

The Practice

The Program officers of NSS Unit II concentrated on the Gorachand Lane Slum. This slum had been brought under the College's extension activity scheme since 10th November, 2009. The Unit re-motivated the target group of children to continue to attend classes tutored by the college students in the Adjoining Hostel Campus on five days of the week from 5pm to 7pm. They were encouraged to consider themselves as part of the Brabourne family so that they shed their reluctance. As part of the interface activity they are also made part of the team which clean the College Campus and spend time in the garden every Saturday.

The Camp conducted from 15.2.2012 to 21.2.2012 gave a first day exposure on the value and need of NSS activity by Sri P.K.Patnaik, Youth Officer, NSS Regional Centre.

- ❖ On the very first day groups were formed from among college students and a detailed fact finding mission was undertaken to Gorachand Lane to collect information and sample data from the target group of women about their domestic problems.
- ❖ On 17th February 2012, after a green audit and tree plantation drive the slum children were given detailed exposure on personal health and hygiene. The instruction was given in short simple statements and interactive mode; the stress was on adopting simple measures and following a regimen; the aim was that keeping to the basics will provide the impetus to grow clean and healthy habits.
- ❖ On 19th February, 2012 about 100 children from the slum was given free lunch; the menu was simple, wholesome and nutritious and apart from making the camp a joyful social gathering to nurture fellow feeling the aim was also to demonstrate that food simply and cleanly prepared can be very nutritious.

Impact of the Practice

The women were surprisingly candid and as they know the College as a vigilant, participant in their area and relate well with the young women because of the frequent visits of their children to the campus they came out with their problems. The mission served as the beginning of a basic data base that could be developed with further such camps and the collected information may well become the genesis of a larger social welfare project in the future.

The children benefited on the level of awareness and health but above all the frequent exposure to a caring and friendly group of youth dissipated much of ingrained social inhibitions and also removed much of fear of higher education which the NSS Unit well was a most positive sign.

Obstacles faced and Overcome

The obstacles encountered in working at the Gorachand Lane Slum were not particular but part of a general social picture of the city where inequalities and mal-distribution of resources are perennial problems. The group of students forming the lead groups, though very eager to do their bit for such a worthy cause faced some amount of parental objection. This led some of the

students to become unsure of their participation. Then again in the slum the women though vey willing to share their problems faced quite a lot of pressure from local clubs and the men-folk. It seems the local pressure groups feared police activity in the face of candid confession.

However patient counseling undertaken by the programme officer and some of the more resilient students did the trick. It took some time but the ice was broken after the first few sessions; a great deal of motivational talk by the Youth Officer of NSS Regional Centre also paved the ground for the interactive camp.

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Best Practice II

UGC Sponsored National Level seminar on “Laser since 1960 and the future Challenge in Quantum Optics”: 20th and 21st September 2011.

Objective :

Since Theodore Maiman made the first laser operate on 16th May 1960 at the Hughes Research Laboratory in California it has gained tremendous momentum in the evolution of atomic and molecular Physics. The recent experiments in this field in these fields basically redefine atomic Physics in a new angle with the introduction of concepts like optical lattice, trapped atoms etc Ultrafast laser is in common use indifferent laboratories all over the world and promises to help raise human civilization to new heights. With this background, it is thought that the seminar will provide a platform for exchange of information and expertise on present practices related to the topic in India with the universal viewpoints.

The Context :

From being “a solution looking for a problem” laser is now in operation in research laboratories, medical clinics, supermarket checkouts, telephone network. It is here to cool atoms, send data, mend eyes, trigger fusion and undergo bloodless surgery. With an intention to commemorate the fifty years of of the invention of laser as well as to spread general

awareness about laser and quantum optics among students the Department of Physics, Lady Brabourne College, Kolkata in collaboration with the S.N.Bose National Centre for Basic sciences, Kolkata has organized the two-day seminars on 20th 7 21st September, 2011.

The Practice :

Audio-Visual presentations and modeling was extensively used to project in depth analysis of Frontiers of Nano-Bio Research, Quantum information processing, Quantum optics, Manipulation of quantum states of light and atoms with lasers, Bose-Einstein Condensation, Lasers in Plastic Surgery, Lasers in Ophthalmic Practice. Students participated in active dialogues and question answer sessions and in intra –college poster competitions. The participants came from BESU, Visva Bharati University, Shibpur Dinabandhu Institution, and Krishnanagar Government College.

Impact of the Practice :

An interactive academic session with the balanced mixture of paper presentation, modeling and student competitions generates the importance of application in teaching- learning climate of the institution. It prepares the students to see pure science as the source of mother applications in life-giving, sustaining and saving situations. It also acts as bridge between institutional academics and professional interests encouraging students to envision meaningful careers.

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PART C : PROJECTIONS FOR 2012-2013

The following projections were proposed at IQAC meetings

❖ It was decided to make full use of the funding under DBT-Star College Scheme and conduct Faculty Improvement Programmes (FIP) involving the Departments of Chemistry, Physics, Microbiology and programmes under the Department of Botany.

❖ National Level Seminars sponsored by the UGC were planned in the following way subject to fund allocation

- a) Seminar to be organized by the Department of History in collaboration with Paschim Baanga Itihaas Samsad.
- b) Seminar to be organized by all Departments in collaboration with Ramakrishna Sarada Mission Vivekananda Vidyamandir to commemorate the 150th Birth Anniversary of Swami Vivekananda.

The College planned some add-on infrastructural expansions subject to proposal approval by the Government of West Bengal.

- Tissue Culture Laboratory has been proposed by the Department of Botany to expand study programme and intensify knowledge base.
- The PWD Civil was impressed upon to intensify efforts to complete the Merged Scheme Building for which funds had already been sanctioned by the UGC.
- Expansion of Computer Labs for various departments planned.
- A New Research Unit was identified.
- The College identified space for a new Record Room to improve stacking and storage.
- An extension of Reprographic facility at the Second (Hostel) Campus was proposed.

A proposal was floated to extend the Library Hours from 8am to 6pm. If achieved it would mean approximately two hour extension on either side than the existent hours.