

**The Annual Quality Assurance Report
(AQAR) of the IQAC
2012-13**



Lady Brabourne College
(as per revised guidelines issued in October 2013)

The Annual Quality Assurance Report (AQAR) of the IQAC

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

| | | |
|-----|---|----------------------------------|
| 1.1 | Name of the Institution | LADY BRABOURNE COLLEGE |
| 1.2 | Address Line 1 | P1/2 SUHRAWARDY AVENUE |
| | Address Line 2 | KOLKATA - 700 017 |
| | City/Town | KOLKATA |
| | State | WEST BENGAL |
| | Pin Code | 700 017 |
| | Institution e-mail address | prl@ladybrabourne.com |
| | Contact Nos. | 033-22897720 |
| | Name of the Head of the Institution | Prof. Siuli Sarkar |
| | Tel. No. with STD Code: | O: 033-22897720, R: 033-24408085 |
| | Mobile: | 9830111872 |
| | Name of the IQAC Co-ordinator: | Dr. Indrani Choudhuri Dutt |
| | Mobile: | 9339751146 |
| | IQAC e-mail address: | i.choudhuridutt@gmail.com |
| 1.3 | NAAC Track ID (For ex. MHCOGN 18879) | WBCOGN12752 |
| 1.4 | NAAC Executive Committee No. & Date: (For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate) | EC/39/53 |
| 1.5 | Website address: | www.ladybrabourne.com |

Web-link of the AQAR: www.ladybrabourne.com

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|-------|-----------------------|-----------------|
| 1 | 1 st Cycle | A | 8.535 | 2006 | |
| 2 | 2 nd Cycle | NA | NA | NA | NA |
| 3 | 3 rd Cycle | NA | NA | NA | NA |
| 4 | 4 th Cycle | NA | NA | NA | NA |

1.7 Date of Establishment of IQAC : DD/MM/YYYY 15.06.2007

1.8 AQAR for the year (for example 2010-11) 2012-13

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR_2009-10 submitted to NAAC on 21/04/2014 (DD/MM/YYYY)
- ii. AQAR_2010-11 submitted to NAAC on 21/04/2014 (DD/MM/YYYY)
- iii. AQAR_2011-12 submitted to NAAC on 21/04/2014 (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

| | | | | | | |
|---|-------------------------------|-------------------------------------|------------------------|-------------------------------------|---------|-------------------------------------|
| Constituent College | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | | |
| Autonomous college of UGC | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | | |
| Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | | |
| Type of Institution | Co-education | <input type="checkbox"/> | Men | <input type="checkbox"/> | Women | <input checked="" type="checkbox"/> |
| | Urban | <input checked="" type="checkbox"/> | Tribal | <input type="checkbox"/> | Rural | <input type="checkbox"/> |
| Financial Status | Grant-in-aid | <input checked="" type="checkbox"/> | UGC 2(f) | <input checked="" type="checkbox"/> | UGC 12B | <input checked="" type="checkbox"/> |
| | Grant-in-aid + Self Financing | <input checked="" type="checkbox"/> | Totally Self-financing | | | |

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Ph.D. and M.Phil., Certificate courses in Public Relations & Advertising, Multimedia & Animation, Spanish. UG Diploma in Computer Applications, PG Diploma in Food & Drug Safety.

1.12 Name of the Affiliating University (*for the Colleges*)

1.13 Special status conferred by Central/State Government-UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

- 2.1 No. of Teachers
- 2.2 No. of Administrative/Technical staff
- 2.3 No. of students
- 2.4 No. of Management representatives
- 2.5 No. of Alumni
- 2.6 No. of any other stakeholder and community representatives
- 2.7 No. of Employers/ Industrialists
- 2.8 No. of other External Experts
- 2.9 Total No. of members
- 2.10 No. of IQAC meetings held
- 2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others
- 2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount
- 2.13 Seminars and Conferences (only quality related)
- (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the
 Total Nos. International National State Institution Level
- (ii) Themes :
- 2.14 Significant Activities and contributions made by IQAC
- The IQAC and the GB (Governing Body) are always sensitive to the various enrichment programme running in the College and is always watchful of gaps and ready with suggestions of improvement.
 - The members of IQAC regularly hold meetings through which monitoring of all seminal academic activities including research projects undertaken by the individual teachers of the respective departments are monitored.
 - The IQAC sensitizes departments to become computer literate in advance degrees so that all departmental records are gradually transferred into a data base format by the teachers.

- It motivates opening of advance learning courses - PG, Career oriented courses: it oversees the need to enhance facilities of all kinds that helps upgrade classroom teaching.
- The IQAC regularly seeks funding through schemes and instigates utilization and application. A healthy body inspires a healthy mind. Very recently the IQAC interacted with the convener of the Athletic Committee to encourage the formation of a Throwball team; it also responded to student demand for yoga and initiated a dialogue to induct a qualified yoga teacher.
- The State Government guided by UGSC norms has recognised the role of the IQAC by including its participation as an internal sanctioning authority of Career Advancement Scheme (CAS). The IQAC is doing its duty sincerely.
- The IQAC comprising of Senior Faculty members headed by the Principal cover the aspect of research promotion in its regular meetings. Whenever need arises the IQAC keeps open the option of expert consultation. For instance at the time of launching the Platinum Jubilee inter-disciplinary and inter-departmental project, *The Role of Lady Brabourne College in Educating the Minority Woman and its Impact on the emancipation and the Empowerment of the Woman in Bengal* it held meetings with experts on Women's Studies in 2012.
- The IQAC is very active in the College since the previous NAAC. It meticulously takes note of progress and regress and publishes AQARs which are kept ready in the Principal's chamber and are at the disposal of the Governing Body and any Government, UGC and Calcutta University Inspection teams on any visits that take place. Any suggestion made at any point of time is given consideration and met to the best of the Institution's non-autonomous scope.
- Additionally, after evaluation by NAAC in 2006, the IQAC assists the Principal in chalking out
 - a) Academic programmes, including identification of research areas.
 - b) Infrastructural blue prints related to academic progression & campus management.
 - c) Value Education programmes.
 - d) Authentication of data by incumbent applying under CAS (Career Advancement Scheme) by IQAC Convenor.
- The GB and IQAC meet at regular intervals to monitor the implementation of the programmes. The IQAC plays a more active role because the standing Cell consists of present teachers headed by the IQAC Co-ordinator, who survey the entire college and engages in motivating the Faculty and students to realize the targets while fulfilling regular academic obligations. The IQAC also assists the Principal in following up with government authorities issues of funding and infrastructural development.
- There is a constant and vigilant system of monitoring progress in which the Principal is always actively engaged and there is a live consultation between the Principal, the TCS (Secretary, Teachers' Council), Coordinator, IQAC, Conveners of UGC Committees and all the Heads as also those seniors in charge of key areas. The Librarians, the Hostel super and the Head Clerk are always in touch if policies concern their jurisdiction. Annual Reports are prepared and all progress is documented; if targets remain unfulfilled immediately the projection for the coming year is modified at the IQAC level.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|---|
| <p>1.Preparation for introducing PG course in Bengali.</p> <p>2. Plan for the forthcoming seminars and workshops organized by the college.</p> <p>3.To promote research and infrastructural development e.g. Butterfly Garden, Advanced Level Research Laboratories, Roma Chowdhury Building, Merged scheme Building etc.</p> | <p>1. PG course in Bengali department will start from the session 2014-15. All the clearances from the Higher Education Department, Govt. of West Bengal and University of Calcutta have been received.</p> <p>2. A number of UGC sponsored National level, State level and also College level seminars have been organized during the year.</p> <p>3.</p> <p>a. A Butterfly Garden has been set up in Campus II by Dr. Anuradha Choudhuri, Department of Zoology under an ongoing Major Project sponsored by UGC [Ref. No. F.No. 41-56/2012 (SR) dt. 13.7.12]</p> <p>b. The work of construction of a large Examination Hall with adjacent office space at The College under the head “Additional Grant/Scheme merge with development grant” of UGC during the 11th Plan period has been partially completed during the 2012-2013 period.</p> <p>c. Construction work of Roma Chowdhury Building has been started during 2012-13 period.</p> <p>d. A New Research Unit has been set up by the Department of Physics and a new Project Room by the Department of Sociology. Two DL 360P Servers with INTEL XEON gen 8 E52690 have been installed at the Department of Physics for simulation work in Computational Statistical Physics supported by CSIR. One Programmable Furnace operating upto 1200°C is being used in the Physics research lab for different types of sample preparation.</p> <p>e. A new Reprographic Unit was opened in the College (extended campus) which remains open till late hours to enable both UG and PG level hostel students to avail of the facility.</p> <p>f. Well-equipped Tissue Culture Laboratory has been set up by the Department of Botany for the students and teachers with funding obtained from Department of Biotechnology (DBT), Government of India.</p> <p>g. A common Computer Laboratory has been set-up collaboratively by the Departments of</p> |

| | |
|---|---|
| <p>4. Plan for extension of Library working hours.</p> <p>5. Plan for extension of Wide Area Network (WAN) in the College Campus.</p> | <p>Zoology, Botany and Chemistry, for the students, for their project work and other requirements of Internet access with funding from FIST Program of DST (Department of Science & Technology, Government of India).</p> <p>4. The Library altered and extended its working hours from 8 AM to 6 PM to offer better library access to students and teachers of the College.</p> <p>5. Wide Area Network (WAN) has been installed in the College (including extended campus) providing an efficient, high speed, campus wide intranet with secure internet accessibility.</p> |
|---|---|

* Attach the Academic Calendar of the year as Annexure I.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body **Governing Body**

Provide the details of the action taken

The Governing Body (GB) and IQAC meet at regular intervals to monitor the implementation of the programmes. The IQAC plays a more active role because the standing Cell consists of present teachers headed by the IQAC Co-ordinator, who survey the entire college and engages in motivating the Faculty and students to realize the targets while fulfilling regular academic obligations. The IQAC also assists the Principal in following up with government authorities issues of funding and infrastructural development. The IQAC and the GB (Governing Body) are always sensitive to the various enrichment programme running in the College and is always watchful of gaps and ready with suggestions of improvement.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | 6 | - | -- | - |
| PG | 5 | - | - | - |
| UG | 21 | - | - | - |
| PG Diploma | - | - | - | - |
| Advanced Diploma | - | - | - | - |
| Diploma | 2 | - | 2 | 2 |
| Certificate | 3 | - | 3 | 3 |
| Others | - | - | - | - |
| Total | 33 | - | 5 | 5 |

| | | | | |
|-------------------|----|---|---|---|
| Interdisciplinary | 01 | - | - | - |
| Innovative | - | - | - | - |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

- Range of Core /Elective options offered by the University and those opted by the college
 - i) The College has Core options at the UG level in English, Bengali, Persian, Sanskrit, Hindi, Urdu, History, Philosophy, Political Science, Sociology, in Arts. It has Core options in Physics, Chemistry, Botany, Zoology, Microbiology, Mathematics, Economics and Geography. All of these subjects except Microbiology and Geography are available in Elective mode. In addition Women Studies and Computer Science are available in the elective mode. With reference to the University range, the range in this College is comprehensive, and among one of the widest in the state of West Bengal.
- Choice Based Credit System and range of subject options
 - ii)The University of Calcutta does not allow choice-based credit system. The range has been explained in its operational reality in i). The Autonomous PG courses offer choice based credit system in case of optional courses.
- Courses offered in modular form
 - iii) At the UG Level the University has introduced partial semester and has

restructured syllabi in subjects offered at this college in unit models. The PG syllabi are all in modular form.

- Enrichment courses- The Certificate and Diploma Courses in Public relations, Animations & Multimedia, Computer Course, Spanish, Food & Drug Safety are designed and taught to enhance applied level knowledge and skill with an eye to progression.

Value education seminars and talks ranging from spiritual education to female health and hygiene also aim at enrichment of young minds.

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 5 |
| Trimester | - |
| Annual | 21 |

1.3 Feedback from stakeholders* Alumni Parents
Employers Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Analysis of the feedback in the Annexure II*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes.

It is not feasible to make any significant change at the UG level because the profiles of all colleges under the University of Calcutta are not similar. In spite of this handicap, this College teaches the given syllabus without diluting it and examines all angles to give the student the widest perspective possible. The teaching is library centric and demonstrative and not merely bookish.

- Three PG departments, English, Microbiology, Mathematics are teaching syllabi which include aspects in the curricula as yet not made current in the PG courses of these subjects in the University. Geography and Physics also has unique features. The PG department to be opened by Bengali is also looking for a visionary syllabus.
- The PG syllabus in English has for instance a very scientific inter-related theorypractical structure.
 - Students are exposed simultaneously to aesthetics, philosophy and their applied form in the texts in all the semesters.

- European Classics in translation is part of the Core course so that there is exposure to Literatures in English. American literature is on offer as option and the department plans to open Visual Interpretations of Literary texts shortly.
- A set of two term papers and a dissertation is part of the core curricula encouraging the mastering of research and critical writing skills which will ensure career advancements.
- In Microbiology there is
 - Introduction of tissue culture in industrial microbiology and virology.
 - Furthermore industrial visits are mandatory extensions of the teaching programme.
- In Mathematics- Students in the M.Sc in Mathematics can opt for a new special advanced paper “Mathematical Methods in Soft Computing” which is a very modern and upcoming area of research and is not included in any other postgraduate syllabus in Mathematics in West Bengal.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

- A new **Reprographic Unit** was opened in the College (extended campus) which remains open till late hours to enable both UG and PG level hostel students to avail of the facility.
- Well-equipped **Tissue Culture Laboratory** has been set up by the Department of Botany for the students and teachers with funding obtained from **Department of Biotechnology (DBT), Government of India**.
- A common **Computer Laboratory** has been set-up collaboratively by the Departments of Zoology, Botany and Chemistry, for the students, for their project work and other requirements of Internet access with funding from **FIST Program of DST (Department of Science & Technology, Government of India)**.
- A **New Research Unit** has been set up by the Department of Physics and a new **Project Room** by the Department of Sociology. Two DL 360P Servers with INTEL XEON gen 8 E52690 have been installed at the Department of Physics for simulation work in Computational Statistical Physics supported by CSIR. One Programmable Furnace operating upto 1200°C is being used in the Physics research lab for different types of sample preparation.

Criterion – II**2. Teaching, Learning and Evaluation****2.1 Total No. of permanent faculty**

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|----------------|--------|
| 89 | 44 | 41 | 3+1(Principal) | - |

2.2 No. of permanent faculty with Ph.D.

| |
|----|
| 59 |
|----|

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|----|----------------------|---|------------|---|--------|---|-------|----|
| R | V | R | V | R | V | R | V | R | V |
| 4 | 17 | - | - | 1 | 7 | - | - | 5 | 24 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

| | | |
|---------|--------|---|
| 23(PTT) | 31(GL) | - |
|---------|--------|---|

PTT=Part Time Teacher, GL=Guest Lecturer

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------------------|---------------------|----------------|-------------|
| Attended Seminars/ Workshops | 18 | 73 | 64 |
| Presented papers | 3 | 7 | - |
| Resource Persons | - | 1 | 3 |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- i) To teach the students in a more illustrative and understandable way, teachers are using laptops, LCD projector, smart boards and OHP in the class room. Certain departments are using different academic softwares for advanced learning of their students e.g. MINTAB is used by department of Statistics, expEYES (Experiments for Young Engineers & Scientists) supported by GNU software is used by Department of Physics in their laboratory.
- ii) Students are given internet access for using e-library under the supervision of the teachers.
- iii) The already existing computer network infrastructure at the college was extended and enhanced into an efficient, high speed, campus wide intranet with secure internet accessibility for the users. The network also connects the users of the

main campus to the users at the college hostel to ensure internet access for the students residing at the college hostel.

- iv) Assistance to students is provided for in-house/remote access to e-resources by using different open source journal facilities and N-List Programme. Teachers can also access a good number of International as well as National level journals using N-List facility to acquire an updated knowledge regarding their research activities.
- v) Different advanced Teaching Aids are being used in the classrooms e.g. : a) Optoma make Digital Multimedia Projector
 - b) Avermedia make portable Digital Document Visualiser
 - c) Interactive White Board with Digital Annotation Sensor
 - d) Over-head Projector, LCD Projector.
 - e) Television with DVD Player
- vi) Beginners and advanced learners are encouraged to enrol in the Self-financed Computer Course to become cognizant and proficient, as the case may be, so that they can be inducted in the e-learning process.
- vii) Image processing software, GIS software, microscopic photographic attachment are being used.
- viii) Regular educational excursions are held.
- ix) Visit to different industries and research institutions, laboratories are regularly organized.
 - In all the post graduate departments the Semester system has been introduced and a new syllabus has been started.
 - a) In the **Geography** department the post-graduate students prepare Term Papers and present these in an open seminar for evaluation. In the **Geography** department as well as in the **Physics** department, the students also prepare dissertation or project papers in their final semester which are evaluated through public seminars by the external examiners from other universities.
 - b) In **Microbiology** department, Semester II and IV of the Post graduate course, every Saturday a seminar presentation of the week's total lecture is held where students are encouraged to give their inputs in addition to what has already been taught in the class.
 - c) In the **English Department** Special areas are discussed and then students are encouraged to determine underworked areas in the broad domain. They compose term papers and dissertations on the basis of these investigative determinatives to present in the IInd and IVth semesters in the PG course.

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

| | | |
|---|---|---|
| 6 | - | - |
|---|---|---|

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

| Title of the Programme | Total no. of students appeared | Division | | | | |
|------------------------|--------------------------------|---------------|-------|-------|-------|--------|
| | | Distinction % | I % | II % | III % | Pass % |
| UG I | 458 | - | 40.39 | 52.8 | - | 94.5 |
| UG II | 379 | - | 37.7 | 55.1 | - | 98.4 |
| UG III | 348 | - | 43.68 | 55.46 | - | 99.14 |
| PG | 76 | - | 77.64 | 22.36 | - | 100 |

Please see ANNEXURE III for List of univ. Rank holders

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- The members of IQAC regularly hold meetings through which monitoring of all seminal academic activities including research projects undertaken by the individual teachers of the respective departments are monitored.
- The IQAC sensitizes departments to become computer literate in advance degrees so that all departmental records are gradually transferred into a data base format by the teachers.
- It motivates opening of advance learning courses--- PG, Career oriented courses: it oversees the need to enhance facilities of all kinds that helps to upgrade classroom teaching.
- The IQAC regularly seeks funding through schemes and instigates utilization and application. A healthy body inspires a healthy mind. Very recently the IQAC interacted with the convener of the athletic committee to encourage the formation of a throw ball team; it also responded to student demand for yoga classes and initiated a dialogue to induct a qualified yoga teacher.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|-------------------------------------|
| Refresher courses | 9 |
| UGC – Faculty Improvement Programme | - |
| HRD programmes | - |
| Orientation programmes | 1 |
| Faculty exchange programme | - |
| Staff training conducted by the university | - |
| Staff training conducted by other institutions | - |
| Summer / Winter schools, Workshops, etc. | 1 |
| Others | 1 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|--------------------------------------|-----------------------------------|---|---|
| Administrative Staff | 43 | 13 | - | 9 |
| Technical Staff | 22 | 2 | - | - |

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC comprising of Senior Faculty members headed by the Principal cover the aspect of research promotion in its regular meetings. Whenever need arises the IQAC keeps open the option of expert consultation.

- For instance at the time of launching the Platinum Jubilee inter-disciplinary and inter-departmental project, *The Role of Lady Brabourne College in Educating the Minority Woman and its Impact on the emancipation and the Empowerment of the Woman in Bengal* it held meetings with experts on Women's Studies in 2012.
- In the time leading to the International UGC-sponsored seminar- conference by the departments of Political Science, Economics and Sociology around October 2009 several meetings were held between IQAC members and leading experts in all the mentioned disciplines to chalk out the blueprint of the event.

Following are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects:

- Prompt disbursement of sanctioned grants are ensured through constant liaisons with funding authorities & allocation meetings.
- Provisions for inducting Research Fellows for Major Projects, both UGC & non-UGC sponsored are in place. E.g
 - The UGC- sponsored Major Project for setting up a Butterfly Garden in Campus II by Dr. Anuradha Choudhuri, Department of Zoology has Research Fellows.
 - The State Government funded Major Project *The Role of Lady Brabourne College in Educating the Minority Woman and its Impact on the Emancipation and the Empowerment of the Woman in Bengal* also has Research Fellows.
 - The Collaborative Project between two members of the Physics department, Tezpur University, Assam and the S.N.Bose Centre for Basic Sciences, Kolkata also has Research Fellows
 - 24 hrs Internet facility ,
 - Computers and laptops for every departments,
 - Higher level Books and Journals for every subjects.
 - Spaces for research work (infra structure).
 - Faculty improvement programme and seminars are organized regularly.
 - Instrumental facilities and Library help are taken from other Institutes .

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------------------|------------|-----------|
| Number | - | 5(UGC)+1(CPE) | - | - |
| Outlay in Rs. Lakhs | - | 43,99,300+25,25,000 | - | - |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|-----------|------------|-----------|
| Number | | 11 | - | - |
| Outlay in Rs. Lakhs | | 14,13,500 | - | - |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 16 | 6 | 25 |
| Non-Peer Review Journals | - | - | 1 |
| e-Journals | - | 2 | 1 |
| Conference proceedings | - | 4 | 7 |

3.5 Details on Impact factor of publications:

Range 0-3.84 Average 3.441 h-index 3 Nos. in SCOPUS NA

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|--|---------------|----------------------------|------------------------|-------------------------|
| Major projects 1. Dr. Sudeshna Dasgupta | 3 | CSIR | 23,00,000 | 17,53,000 |
| Major projects 2. Dr. Aditi Nag Chaudhuri | 3 | ICSSR | 5,54,700 | 1,54,800 |
| Major projects 3. Dr. Sanjukta Mondal (Parui) | 3 | UGC | 13,5,800 | 8,61,800 |
| Major projects 4. Dr. Anuradha Chaudhuri, | 3 | UGC | 9,22,800 | 5,68,800 |
| Major projects 5. Dr. Paulami Maiti | 3 | UGC | 4,86,000/- | 3,31,000 |
| Minor Projects 1. Shikha Paul | 2 | UGC | 1,12,000/- | 78,540 |
| Minor Projects 2. Suriti Ray | 2 | UGC | 61,000/- | 40,500 |
| Minor Projects 3. Dr. Papia Ganguly | 2 | UGC | 1,90,000/- | 1,35,000 |
| Minor Projects 4. Dr. Bidisa Chattopadhyay | 2 | UGC | 1,95,000/- | 1,62,500 |
| Minor Projects 5. Sudipta Paul Bhattacharyya | 2 | UGC | 2,00,000/- | 1,28,500 |
| Minor Projects 6. Mahuya Mukhopadhyay | 2 | UGC | 89,500 | 21,800 |
| Minor Projects 7. Suchita Sinha | 2 | UGC | 1,21,000 | 6,600 (last instalment) |
| Minor Projects 8. Antara kar | 2 | UGC | 1,66,000 | 41,465 |

| | | | | |
|--|---|-----|-----------|-----------|
| Minor Projects 9. Shabana Nasreen | 2 | UGC | 1,04,000 | 18,800 |
| Minor Projects 10. Subhalakshmi Pandey | 2 | UGC | 1,00,000 | 7,500 |
| Minor Projects 11. Kakoli Sinha Roy | 2 | UGC | 75,000 | 6,000 |
| Interdisciplinary Projects | 2 | UGC | 25,25000 | 25,25000 |
| Industry sponsored | - | - | - | - |
| Projects sponsored by the University/ College 1.Suriti Ray (Women's Studies Centre) | | | 3,00,000 | 3,00,000 |
| Students research projects (other than compulsory by the University) | - | - | - | - |
| Any other(Specify) Remedial Course (XII Plan) | - | - | 2,50,000 | 2,50,000 |
| Total | | | 88,87,800 | 73,91,605 |

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from NA

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number | - | 6+7 | - | - | 27 |
| Sponsoring agencies | - | UGC, DBT | - | - | LBC |

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International : nil National : 3 Any other : nil

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | - |
| | Granted | - |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| | Granted | - |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 6 | - | - | - | 6 (Ph.D) | - | - |

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events: Not Applicable

| | | | |
|------------------|----------------------|---------------------|----------------------|
| University level | <input type="text"/> | State level | <input type="text"/> |
| National level | <input type="text"/> | International level | <input type="text"/> |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|--------------------------------|---------------------|--------------------------------|
| University level | <input type="text" value="1"/> | State level | <input type="text" value="-"/> |
| National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

3.24 No. of Awards won in NCC: Not Applicable

| | | | |
|------------------|--------------------------------|---------------------|--------------------------------|
| University level | <input type="text" value="-"/> | State level | <input type="text" value="-"/> |
| National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

3.25 No. of Extension activities organized

| | | | |
|------------------|---------------------------------|---------------|---------------------------------|
| University forum | <input type="text" value="-"/> | College forum | <input type="text" value="7"/> |
| NCC | <input type="text" value="NA"/> | NSS | <input type="text" value="12"/> |
| | | Any other | <input type="text" value="-"/> |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- NSS Unit:
 - i) imparting free education and other services to the local slum dwellers, orphanages, old age homes.
 - ii) providing counseling and consultancy services on health and hygiene, diseases, disaster management, environmental conservation and biodiversity, waste management, drug abuse, women's rights, security of women, etc. through personal visits as well as through seminars and workshops.
 - iii) arranged for regular medical camps for health checkups.
- NIGHT SCHOOL :
- The College has also made a contribution to the spread of education among the people living in the slums adjoining the College.
- Students took part in various disaster management activities like Aila, Flood etc.
- Annual Value Education Programme is also another aspect of community-awareness scheme. Students have had the opportunity to interact and exchange views with experts from Social Welfare organizations like Ramakrishna Mission, Gender crusaders, Feminist Studies specialists, Legal Experts specializing in women-centric laws, Environmental ethics experts and others.

For details pl. See Annexure IV

Criterion – IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|-----------------------------------|---------------|--------------------|-----------------------------------|
| Campus area | 2.4747 x 10 ⁷ sq. mts. | - | | 2.4747 x 10 ⁷ sq. mts. |
| Class rooms | 38 | - | | 38 |
| Laboratories | 34 | - | | 34 |
| Seminar Halls | 1 | - | | 1 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | - | 9 | UGC, DBT, DST-FIST | 9 |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | 20,58,120 | | 20,58,120 |
| Others | - | - | | - |

4.2 Computerization of administration and library:

- An online procedure for admission (for both undergraduate as well as postgraduate) is running successfully since 2007-2008 and has got tremendous public approval.
- Student fees collection scheme through bank (for both undergraduate as well as postgraduate) is successfully implemented using a fees management software.
- A College Management Information Software (CMIS) is designed to implement software solutions that provide suitably detailed reports in an accurate, consistent and timely manner for smooth functioning or management of college administration. A comprehensive database consisting of all information related to student activity related to academic or non-academic field is maintained through a student data management software.
- A similar database consisting of all information related to teacher activity is also maintained by the CMIS software. The Career Advancement Scheme for the teachers is also managed by this software.
- Computerization of the preparation of monthly salary bills using software package 'COSA' (Computerization of Salary Accounting) has been implemented at our college a few years back. In the year 2012, an upgradation of this software has also been done. At present the COSA software is being successfully used for the smooth running of the preparation of monthly salary bills for all employees.
- The already existing computer network infrastructure at the college was extended and enhanced into an efficient, high speed, campus wide intranet with secure internet accessibility for the users since October, 2012. The network also connects the users of the main campus to the users at the college hostel to ensure internet access for the students residing at the college hostel.

- **The library** uses various ICT tools photocopiers, scanners, printers etc to help students. The library also has Wi-Fi connection. Some old and valuable books have been digitized. The library has joined the ENLIST programme (conducted by INFLIBNET) since 2011. E- journals and e books can be availed by this. The College library has Institutional membership with the British Council Library. The College library has a dedicated web page (www.lbclibrary.org) since 2012. To make the webpage interactive e mail address is provided to communicate with users to deliver better library services. Facebook connectivity is also provided. The library has installed library software KOHA compatible with Z39.50. This has helped in better acquisition, circulation, cataloguing, book reserves, bibliography services etc.

4.3 Library services:

| | Existing | | Newly added | | Total | |
|--------------------|----------|-------|-------------|-------|-------|-------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 39818 | | 387 | | 40205 | |
| Reference Books | 59726 | | 581 | | 60307 | |
| e-Books | - | | - | | - | |
| Journals (Bound) | 463 | | 32 | | 495 | |
| Journals (Current) | 8 | | 3 | | 11 | |
| e-Journals | - | | - | | - | |
| Digital Database | - | | - | | - | |
| CD & Video | 127 | | 2 | | 129 | |
| Others (specify) | | | | | | |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Depart-ments | Others (Principal's room) |
|----------|-----------------|---------------|----------|------------------|------------------|--------|--------------|---------------------------|
| Existing | 178 | 80 | 178 | 178 | - | 5 | 172 | 1 |
| Added | 19 | 2 | 19 | 19 | - | 4 | 14 | 1 |
| Total | 197 | 82 | 197 | 197 | - | 9 | 186 | 2 |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

| Sl.No. | Topic | Date | Participants |
|--------|--|--------------------------------------|---|
| 1. | To study the impedances of the complex system like aqueous electrolyte, polymer network of different type. | Nov. 2012 | 8 Faculty Members of Dept. of Physics |
| 2. | Physical Science Workshop for Biological Students | 11th to 13 th Dec.2012 | Botany , Zoology, Microbiology students |
| 3. | Workshop on Recombinant DNA Technology and Bioinformatics | 2.3.13- 9.3.13 | Faculty members of Microbiology & Botany |

4.6 Amount spent on maintenance in lakhs :

| | |
|--|---------------------------|
| i) ICT | Rs. 3,36,732 |
| ii) Campus Infrastructure and facilities | Rs. 10,42,737 |
| iii) Equipments | Rs. 5,00,000 - State Devt |
| iv) Others | Rs. 8,30,000 |
| Total : | Rs. 27,09,469 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC is very active in the College since the previous NAAC. It meticulously takes note of progress and regress and publishes AQARs which are kept ready in the Principal's chamber and are at the disposal of the Governing Body and any Government, UGC and Calcutta University Inspection teams on any visits that take place. Any suggestion made at any point of time is given consideration and met to the best of the Institution's non-autonomous scope.

The institution publishes its updated prospectus every year which provides not only an overview of the College but also upholds the unique features of Lady Brabourne College. Among the unique features, students are made aware of the following:

- Norms of admission/ courses offered at UG/PG level in the prospectus
- Code of Conduct
- Hostel Accommodation
- Rules & Guidelines of the college and hostel for the students.
- Medical Unit & Sick room with facility of a visiting doctor.
- Stipend/award and prizes for the students.
- Unique assessment system through monthly/midterm/annual examinations
- Seminars & Workshops at international, national and state-level are organized by all departments regularly.
- Updated and well stocked library.
- Computer Wi-Fi facilities & Networking connecting College with Hostel.
- Games and sports opportunities, well-equipped playroom and one Badminton Court/ Volley Ball Court.
- Students' Common Room with updated magazine section
- Canteens at three locations.
- 24 hour generator back up for examinations as well as for ongoing research work.
- Fire extinguisher
- Filtered water facilities.
- Career-Oriented Add-on Courses
- Women's Studies Centre
- Career Counseling Cell
- Psychological Counseling Cell
- Academic Calendar is also provided to the students to communicate the year long schedule of the institution.
- The IQAC sensitizes departments to become computer literate in advance degrees so that all departmental records are gradually transferred into a data base format by the teachers.

- The IQAC regularly seeks funding through schemes and instigates utilization and application. A healthy body inspires a healthy mind. Very recently the IQAC interacted with the convener of the Athletic Committee to encourage the formation of a Throwball team; it also responded to student demand for yoga classes and initiated a dialogue to induct a qualified yoga teacher.

The IQAC plays a more active role because the standing Cell consists of present teachers headed by the IQAC Co-ordinator, who survey the entire college and engages in motivating the Faculty and students to realize the targets while fulfilling regular academic obligations.

5.2 Efforts made by the institution for tracking the progression

- The academic performance of the students is best revealed by the examination results.
 - (a) Monthly Tests and College Level Terminal Tests form the structure of integrated Continuous Assessment System (CAS) and records are kept in departmental and central database.
 - These data enable the teachers of the institution to advice and guide the students and also counsel those who are weak and fail to cope with the academic standard of the college.
 - Results are prepared centrally but with close dialogue conducted with departments so that the weaknesses of individual students are tackled in a need-based manner.
- Remedial classes are taken by the faculty members of the institution to help the under-performers. The Remedial Course is funded by the U.G.C. to especially help the students of the minority communities and the SC/ST candidates.
- Through Student Data Base Management System, Alumni Association, and personal/ Departmental communication the student learning outcomes are collected and future planning is conducted.
- A regular contact with ex-students through internet and face book is maintained and they are encouraged to come and talk to the present students through seminars/study circles/workshops so that an academic exchange between past and present students is maintained.

5.3 (a) Total number of students:

| UG | PG | Ph. D. | Others |
|------|-----|--------|--------|
| 1333 | 159 | 21 | 445 |

(b) No. of students outside the state

| |
|----|
| 20 |
|----|

(b) No. of international students

| |
|----|
| -- |
|----|

| Men | No | % | Women | No | % |
|-----|----|---|-------|----|---|
| | NA | | | | |

| Last Year | | | | | This Year | | | | | | |
|----------------------------|-----|----|-----|-----------------------|-----------|---------|-----|----|-----|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| UG: 957 | 127 | 33 | 1 | 0 | 1118 | 1141 | 146 | 46 | 0 | 0 | 1333 |
| PG: 170 | 8 | 2 | 0 | 0 | 180 | 133 | 22 | 4 | 0 | 0 | 159 |
| Self Financing Course: 400 | 58 | 15 | 4 | 0 | 477 | 384 | 50 | 11 | 0 | 0 | 445 |

Demand ratio 24.26:1 Dropout % : UG – 11.7%, PG – 12.09%

Demand ratio: No. of Applications/No. of Students admitted

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. JAM coaching centre

To motivate the students to take up higher studies and research in Physics, Chemistry, Mathematics, the students of U.G. are encouraged to strengthen their academic skills to appear for competitive examinations like JAM (Joint Admission in Masters). So Lady Brabourne College had organized the special guidance classes for the 3rd year students to help them to successfully take various entrance examinations, with greater emphasis being on JAM. The motto of this programme was to enable our students to understand the syllabus and question patterns of JAM, receive adequate guidance in preparing themselves for these examinations so that they could perform their very best in the entrance examination.

| Work Head | No. of Students/Year | No. of Teachers/Year | Other members/Year | Comment |
|--------------------------|----------------------|----------------------|--------------------|---|
| Extension programme- JAM | 30 | 5 | 2 | The coaching was conducted by the external experts. Study materials were supplied to the students |
| Coaching Physics | 40 | 5 | 2 | |
| Chemistry | 50 | 6 | 1 | |
| Mathematics | | | | |

All the physical science students were benefited by this coaching centre.

Last year six students of third year Physics and six students of third year Mathematics were placed with good ranks in JAM and have got admission to IITs.

JAM coaching has enhanced the number of percentage of students qualifying JEST, JAM & other examinations as well as their RANK in the list of successful candidates is rising noticeably.

2. Monthly Seminar lectures arranged for both UG and PG students.

The monthly seminars arranged has a great impact over the students in motivating them towards research. A great numbers of students have taken physics research as their career options and number of students qualifying for NET, GATE & other qualifying examinations have increased considerably.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Summary of Career Counselling sessions in 2012-2013

| DATE | ORGANIZATIONS | VENUE | PARTICIPANTS | PROGRAMME DETAILS |
|-----------|--|------------|--------------------------|---|
| September | Footwear Design & Development Institute | LBC Campus | Student-Industry | Interaction Programme |
| | University of Sussex | LBC Campus | Student-Industry | Presentation |
| | Infosys | LBC Campus | Student-Industry | Campus Ambassador Programme |
| | ELILM Placement | LBC Campus | Student-Industry-Faculty | Programme to prepare students for corporate needs & environment |
| December | Indian Coastal Guard | LBC Campus | Student-Industry | Presentation cum workshop |
| | Teach for India | LBC Campus | Student-Industry | Presentation cum Seminar |
| | Reliance Communications | LBC Campus | Student-Industry | Programme for Exposure to animation industry |
| | I360 Staffing & training Solutions Pvt. Ltd. | LBC Campus | Student-Industry-Faculty | Programme to prepare students for corporate needs & environment |

| | | | | |
|---------|--|------------|--------------------------|--|
| | NIS Academy | LBC Campus | Student-Industry-Faculty | Programme to prepare students for corporate needs & environment |
| January | Sussex University | LBC Campus | Student-Industry | Seminar |
| | Australian Embassy | LBC Campus | Student-Industry | Presentation encouraging students higher education in Australia |
| | Synetics | LBC Campus | Student-Industry-Faculty | Programmes to prepare students for corporate needs & environment |
| | Reliance Infocom | LBC Campus | Student-Industry-Faculty | Programmes to prepare students for corporate needs & environment |
| | Several GD, PI Improvement Programmes by Vistamind | LBC Campus | Student-Industry-Faculty | Programmes to prepare students for corporate needs & environment |

No. of students benefitted

| |
|-----|
| 250 |
|-----|

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 14 | 250 | 17 | 30 |

5.8 Details of gender sensitization programmes

Women's Studies Centre of this college makes an effort to raise the level of consciousness about women's issues through various creative mechanisms like poster making, drama, debate, story writing and the like on women's issues. The Women's Studies Centre in collaboration with the School of Womens Studies, Jadavpur University organized a seminar on 'Violence Against Women' on 16th February, 2012. In the seminar lectures of eminent speakers like Professor Shamita Sen, Ranjita Biswas and Madhurima Mukherjee focused on some very relevant issues of gender and violence. The Womens Studies Centre of our College also organized a seminar on 'Women and Literature' on 8th October, 2012 with Professor Sutapa Bhattacharyya of Visva Bharati University and Professor Malini Bhattacharyya of Jadavpur University as speaker.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports :

State/ University level National level International level

Cultural:

State/ University level National level International level

5.10 Scholarships and Financial Support

| | Number of students | Amount (in Rs.) |
|--|-------------------------|-----------------|
| Financial support from institution | 29 | 77250 |
| Financial support from government | 111 | 616600 |
| Financial support from other sources | - | - |
| Number of students who received International/ National recognitions | 24 (INSPIRE Fellowship) | - |

5.11 Student organised / initiatives

Fairs:

State/ University level National level International level

Exhibition:

State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

- Night School:** A Night School run by the boarders of the college hostel, is engaged in imparting education to street children of the locality thereby enabling the students to interact with the marginalised sections of the society. Classes are taken by the hostel students themselves. The children of the night school are now engaged in various activities, like cultural programme, sports activity, drawing etc. along with their studies.
- NSS:** NSS is dedicated to the sensitization of the college students about their social responsibilities by holding various outreach programmes for slum dwellers and BPL people. Our faculty member, Dr. Sutapa Ray of Sanskrit Department has been

selected the best programme officer of N.S.S in the year 2011-12 . N.S.S. Unit II has been declared as the best Unit of the University of Calcutta in the year 2012-13. Lagnajita Chakraborty volunteer's of this unit got Best Volunteer award from University of Calcutta.

5.13 Major grievances of students (if any) redressed:

The institution has a well-functioning student grievance redressal cell which receives grievances and also addressed to by the authority in the last four years. The college grievance cell has become very active since 2010. The numbers of records that are found though not huge are tabulated below.

1. REPORTED ON 24.7.12

| Name | Anonymous 2nd year students |
|--|--|
| Brief Description | Unwillingness towards providing Railway concession form |
| Action Taken | Duty allocated for the said work from the Head assistant |
| Whether student/ applicant/other person given personal hearing | Grievance Cell had a meeting with the Head Assistant of the office |
| Status of disposal | Student interests were looked into. |

2. REPORTED ON 30.11.12

| Name | Anonymous 1st year student of 2012 |
|--|--|
| Brief Description | For extending library books issuing facility |
| Action Taken | Book issuing facility extended up-to the time for receiving Admit card |
| Whether student/ applicant/other person given personal hearing | Grievance cell had organized a meeting with the Librarian of the college |
| Status of disposal | Student interest were looked into. |

3. 3.REPORTED ON 4.12.12

| Name | Anonymous student of Sociology Department |
|--|---|
| Brief Description | Inactivity of the seminar library of the Sociology department |
| Action Taken | The HOD. of the Sociology department allocate the duty of seminar library in order to make it fruitful for the student. |
| Whether student/ applicant/other person given personal hearing | Grievance cell had a meeting with the Head of the Sociology Department according to the advice of the Principal of the college. |
| Status of disposal | Student interest were looked into. |

4. REPORTED ON 6.3.13

| Name | Anonymous |
|--|--|
| Brief Description | Common students are not getting the opportunity to talk with the Principal of the college as and when it is required. |
| Action Taken | Members of the Grievance Cell had organized a meeting with all students in the Auditorium; They were requested to understand that the Principal is the last and the apex authority to be approached. Every grievance does need to be personally addressed to by the principal if satisfactorily dealt with at the primary level. |
| Whether student/ applicant/other person given personal hearing | Grievance cell had organized a meeting with the Union member of the college in presence of the Principal of the college |
| Status of disposal | Student interest were looked into. |

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Since its inception the mission of the college has been to promote a democratic and secular intellectual environment in which female students from socially sheltered and challenged background would be encouraged to share a common, progressive platform with relatively emancipated compatriots. The College continues to sustain and develop a community which is national in outlook, faithful to their particular culture and faith, and connected with each other in terms of intellectual emancipation to form a truly unique sisterhood.

6.2 Does the Institution has a management Information System

- The college has set up a web server which hosts the College Management Information Software (CMIS). The objective of this was to design and implement software solutions that provide suitably detailed reports in an accurate, consistent and timely manner for smooth functioning or management of college administration. A comprehensive database consisting of all information related to student activity in academic or non academic field is absolutely vital. Proper systematic documentation of the same is required periodically. We have to prepare and provide similar information multiple times and it is a repetitive effort and wastage of institute effort & time. This student data management software is running successfully.
- A similar database consisting of all information related to teacher activity in academic or field of research is equally vital. The CMIS software also caters to this. The Career Advancement Scheme for the teachers is also managed by this software.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The Institution implements the curricular set by its mother university, the University of Calcutta in all its UG Courses.
- It has structured its internal evaluative system in a vital, need-based manner with reference to the broad guidelines of the University. It organizes class tests regularly examining the receptivity of the students in terms of setting unit based questions. This ensures assessment of awareness of details but does not stress out the young minds.
- Mid-terms are held in all three years to expose students to comprehensive pattern of examination they are likely to face at terminal points.
- Even compulsory language tests are held so that basic language skills are instilled.
- Practical and demonstrative teaching is undertaken in laboratories and through excursions and educational visits.
- The Department of Political Science has a tradition for participating in Intracollege Mock Parliaments.
- In science subjects extensive e-literacy and use of e-resources are recommended.
- In non-lab based subjects like English workshops on adaptation of texts in other media, e-learning and usage of e-resources are encouraged. If necessary, PPT presentations are arranged.
- Educational visits are undertaken in many Lab-based subjects.
- Students are encouraged to present papers, write articles in in-house journals and also give talks in Seminars and Conferences held in and outside the College.

6.3.2 Teaching and Learning

| Teaching aid | Assessment | Remedial / Tutorial classes | Faculty Improvement Programme | Seminar | Workshop |
|---|---|--|--|--|---|
| <p>*1. Black board, chalk and duster</p> <p>2. Ancient Indian Map used by Dept. of Geog. And History.</p> <p>*3.Overhead Projector</p> <p>*4. LCD Projector</p> <p>*5. Computer with Internet facility</p> <p>*6. Smart Board</p> <p>*7. Computer lab equipped with C+ MINTAB</p> <p>8. GPS 13(Geographical Positioning System) - used by Dept. of Geography</p> <p>*9. Interactive board.</p> <p>10. Structural Model for illustrating the three dimensional molecular structure of organic compounds. - used by Dept. of Chemistry.</p> <p>11. Phoenix Box Kit used for simulation of different laboratory based experiments in Dept. of Physics.</p> <p>*12. Audio –visual aids e.g. DVDs and CDs.</p> | <p>UG —</p> <p>1. Monthly Test</p> <p>2. Midterm Examination</p> <p>3. Selection test</p> <p>PG —</p> <p>1.Semester Examination</p> <p>2.Dissertation Evaluation</p> <p>3.Viva Voce</p> <p>4.Interactive Session</p> <p>5.Project Presentation Lecture</p> <p>6.Seminar defence</p> | <p>1.Remedial classes for minority students</p> <p>2. Tutorial classes for advanced learners.</p> <p>3. Tutorial classes for weak students</p> <p>4. Special Tutorial Classes for JAM</p> <p>5. Short Lecture course on the ‘Introduction to Polymer Physics’.</p> | <p>Science departments (Physics, Chemistry, Botany, Zoology and Microbiology) organised faculty improvement programme.</p> | <p>Science and arts departments organised seminars funded by Institution, UGC,DBT.</p> | <p>1.DBT sponsored workshops organised by Physics, Chemistry, Botany, Zoology and Microbiology departments.</p> <p>2.UGC sponsored workshops organized by arts departments.</p> |

* *Used by most of the Departments*

6.3.3 Examination and Evaluation

The students are evaluated both by written examination and orally. The process of evaluation is as follows:

- Monthly Test - There are year-long tests to ensure continuous assessment.
- Mid term Test - These are comprehensive tests on substantial portion of the syllabus to help the students to prepare for their Selection Tests.
- Selection Test - Terminal Tests at the end of each year of study to assure the eligibility for University Examination.
- The students are also evaluated by inter and intra departmental seminars, study circles etc.
- In addition to this the autonomous post-graduate departments evaluate their students through end semester examinations and presentation of Term Papers in public seminars.

6.3.4 Research and Development

Following are the measures taken by the institution to facilitate smooth progress of implementation of research schemes/projects:

Autonomy to the principal investigator: The Principal investigator is the key person to plan and structure any project.

- **Timely availability or release of resources:** Prompt disbursement of sanctioned grants are ensured through constant liaisons with funding authorities & allocation meetings.
- **Adequate infrastructure and human resources :** Provisions for inducting Research Fellows for Major Projects, both UGC & non-UGC sponsored are in place. E.g.
 - The UGC- sponsored Major Project (July, 2012) for setting up a Butterfly Garden in Campus II by Dr. Anuradha Choudhuri, Department of Zoology has one Research Fellow.
 - The State Government funded Major Project *The Role of Lady Brabourne College in Educating the Minority Woman and its Impact on the Emancipation and the Empowerment of the Woman in Bengal* also has Research Fellows.
 - The Collaborative Project between two members of the Physics department, Tezpur University, Assam and the S.N.Bose Centre for Basic Sciences, Kolkata also has Research Fellows.
 - ‘*Monte Carlo Simulation of biaxial nematic liquid*’, A CSIR Major Project (2012-2015) by Dr. Sudeshna Dasgupta of Dept. of Physics,

‘Relevant of pollinating insects in propagation of flowering plants in Calcutta and its surrounding areas including college campus in Park Circus’, F. No. 41-56/2012(SR), dt.13th July 2012- 2014 by Dr. Sanjukta Mondal Parui of Dept. of Zoology

‘*Resource assessment, recovery and utilisation in dynamic sewage-fed wetland ecosystem*’(2012) by Dr. Paulami Maiti of Dept. of Zoology, are three major projects which are facilitated with equipments and research assistants.

Other facilities:

- 24 hrs. internet facility
- Well equipped computer laboratories
- Enriched Computerized library with modern books and journals of various fields
- Collaborative facilities on institutional and departmental levels with British Council Libraries, USIS and the National Library, Urdu Academy, Ithihas Samsad, Bangiya Arthaniti Parishad among other advanced level academic organization.

- Each department with huge instrumentation facilities.
- Regular visits and interaction with other research facilities, industrial institutions, excursions and field work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The following new facilities were introduced in the College during 2012-2013 session:

- **The library** uses various ICT tools photocopiers, scanners, printers etc to help students. The library also has Wi-Fi connection. Some old and valuable books have been digitized. The library has joined the ENLIST programme (conducted by INFLIBNET) since 2011. E- journals and e books can be availed by this. The College library has Institutional membership with the British Council Library. The College library has a dedicated web page(www.lbclibrary.org) since 2012. To make the webpage interactive e mail address is provided to communicate with users to deliver better library services. Facebook connectivity is also provided. The library has installed library software KOHA compatible with Z39.50. This has helped in better acquisition, circulation, catalogueing, book reserves, bibliography services,etc.
- **The Library** altered and extended its working hours from 8 AM to 6 PM to offer better library access to students and teachers of the College.
- **The Career Counseling Cell** of the College which has actively provided students with several national and international level interaction sessions and recruitment drives in different corporate sectors opened its own exclusive unit in the College with adequate infrastructure required to carry on their future programs successfully.
- A new **Reprographic Unit** was opened in the College (extended campus) which remains open till late hours to enable both UG and PG level hostel students to avail of the facility.
- Well-equipped **Tissue Culture Laboratory** has been set up by the Department of Botany for the students and teachers with funding obtained from **Department of Biotechnology (DBT), Government of India**.
- A common **Computer Laboratory** has been set-up collaboratively by the Departments of Zoology, Botany and Chemistry, for the students, for their project work and other requirements of Internet access with funding from **FIST Program of DST (Department of Science & Technology, Government of India)**.
- **New Research Unit** has been set up by the Department of Physics and a new **Project Room** by the Department of Sociology. Two DL 360P Servers with INTEL XEON gen 8 E52690 have been installed at the Department of Physics for simulation work in Computational Statistical Physics supported by CSIR. One Programmable Furnace operating upto 1200°C is being used in the Physics research lab for different types of sample preparation.
- For preservation of College records a new **Record Room** has been constructed.
- The work of construction of a large **Examination Hall** with adjacent office space at The College under the head “Additional Grant/Scheme merge with development grant” of UGC during the 11th Plan period has been partially completed during the 2012-2013 period.
- Construction work of a new building – **the Roma Chaudhuri Memorial Building** has been started during this period. This building is slated to have dedicated Audio Visual rooms.

- **Wide Area Network (WAN)** has been installed in the College (including extended campus) providing an efficient, high speed, campus wide intranet with secure internet accessibility.

6.3.6 Human Resource Management

- Students** : Foundation is made at the UG and PG level to give exposure in Cultural, Entrepreneurship (through Kaleidoscope), Writing skill, Public speaking, Sports, Seminar defense along with Academics.
- Teachers** : Faculty members are involved in academic work as well as Committee work. The various responsibilities are coordinated with academic activities and do not compromise the latter.

6.3.7 Faculty and Staff recruitment

The College is a Government Institution and thus cannot recruit teachers. The lacunae is overcome by

- inviting retired teachers, scholars as resource persons, researchers to deliver short term courses.
- inviting meritorious ex students to take classes.
- concerned departments conducting periodical workshops/seminars to upgrade the process of teaching –learning.
- respective departments engaging Guest Lecturers and retired teachers from Research institutes/ Universities for teaching specialized new programmes.

6.3.8 Industry Interaction / Collaboration

| Serial no. | Department | Date | Industry visit |
|------------|--------------|--------------------|--|
| 1. | Botany | 2013 | Vivekananda Institute of Biotechnology, Nimpith |
| 2. | Chemistry | a) 2012 b) 2013 | a) Central Glass and Ceramic Research Institute. b) NMR laboratory, Jadavpur. |
| 3. | Microbiology | a) 2012 b) 2013 | a) Anmol Biscuit And Central Drug Laboratory b) Herald food and commodities Pvt and Palsons Derma |
| 4. | Zoology | 2013 | Lac Cultivation Areas in the Purulia District. |

6.3.9 Admission of Students

The earnest endeavour of the College is to ensure admission to all deserving and meritorious students and to implement this, the College takes utmost care to publicise its admission process in the leading newspapers and television channels. In addition to this the College announces its admission process in the College website. To ensure transparency in the admission process the College has made it mandatory for applications to be filed online since

2007. Admission Tests in some subjects are conducted to test merit. The admission process is outsourced to WEBTECH, who prepares the list according to the criterion set by the different departments of the College. Admission is based only on merit.

It must be added though from March 2014 Govt. of West Bengal and the University of Calcutta will be conducting admissions in an online centralised process.

6.4 Welfare schemes of

| | |
|--------------|--|
| Teaching | Several welfare schemes of Govt. of W.B., Health Cards under Governments Health Scheme, Principal's Welfare Fund |
| Non teaching | Several welfare schemes of Govt. of W.B., Health Cards under Governments Health Scheme, Golden Jubilee Commemorative Fund, |
| Students | Principal's Welfare Fund, WBMDFC Post Matric Scholarship, West Bengal Govt. Merit Cum Means Scholarship, INSPIRE Scholarship |

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|--|----------|--|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Boards of Studies (BOS) of PG departments, Director of Public Instructions, Higher Education Directorate of Govt. of West Bengal | Yes | Governing Body of the College |
| Administrative | Yes | Government Auditors. Audit of other grants (GC, DBT, DST) is done by reputed Chartered Accountants. | Yes | Senior faculty members selected by the Principal |

6.8 Does the University/ Autonomous College declares results within 30 days? Not Applicable

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not Applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated / constituent colleges?

Not Applicable

6.11 Activities and support from the Alumni Association

The college has Alumni associations based in Kolkata, New Delhi and even in Bangladesh. The LBC Alumni Association has deep bond with the college and regularly organize cultural programme and also sometimes collaborates with departments and also the college itself to organize cultural as well as academic events.

Some of the activities of the Alumni Association are summarized below:

- The Alumni organizes every year 'Vasanta Utsav' to commemorate the season of colours. Professional theatre groups/singing bands are also invited to perform in the College. Tagore's drama 'Gora' was staged by the 'Abhash' group on 27 January, 2012 and 'Kaccher Manush', another drama was staged by a renowned theatre group of Kolkata, 'Gandhar', on 26th February, 2013.
- On 05.09.11 a donation of Rs. 1, 09,059/- was received by the committee. It was decided by the organization that a fixed deposit would be made and the interest will be utilized for two purposes, a) each year a memorial lecture in the name of 'Mandalika Banerjee', an ex student of the Department of English, would be organized and b) each year a 'Mandalika Memorial Silver Medal' would be awarded to the best all rounder student of English Department. Accordingly the silver medal was awarded in 2011 and 2012 Annual prize Distribution Ceremonies.
- In September 2012 the 'Mandalika Banerjee Memorial Inaugural lecture' was organized by the Department of English in collaboration with the Alumni Association which sponsored the lecture. Eminent scholar of international repute and former Head, Dept. of English (J.U) Prof. Supriya Chaudhuri delivered the maiden lecture on "Death in Tragedy".
- The LBC Alumni Association also organizes a fete every year. A whole day workshop on 'Adolescent Health' was organized in September 2012.
- The Association sponsored a seminar on "Drought and its management in West Bengal" which was organized by the Geography Department of the college. The seminar was held on 4.8.12. Student participation was spectacular.
- Needy students are also helped through donations from the Alumni. A special donation has been made by Kamalika Banerjee of Rs.20, 000/- for supporting a needy student of the college in 2012.
- Regarding the college infrastructure, the LBC Alumni donates a subscription to upkeep and maintain a part of the College Garden.
- They also brought out a Platinum Jubilee number of the annual magazine of LBC.
- Delhi Alumni Association supports monetary help to the needy but meritorious students.

6.12 Activities and support from the Parent – Teacher Association

The College holds regular interactive parent-teacher-ward meets after every internal terminal examination to discuss areas of concern and collectively resolve the arising problems.

6.13 Development programmes for support staff

Efforts made by the institution to enhance the professional development of Librarians:

Librarians attended the following programs :

- a) UGC sponsored workshop on Team building and Decision making in the arena of Higher Education organized by Maulana Azad College, Kolkata.
- b) Training on preservation on Digital document organized by Administrative Training Institute, Government of West Bengal.
- c) Workshop on the syllabus upgradation for Bachelor of Library and Information Science (BLIS) course organized by the Netaji Subhas Open University (NSOU) funded by Department of Distance Education, Government of India.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The institution is also fully aware of its responsibility to protect and preserve the environment and organizes the “Vanomahotsav” annually to sensitize the students about the same.

- There is a Medicinal Garden maintained by the Botany Department which is not only integral to the study of the UG syllabus but also an important instrument for sensitization.
- There is a Major Research Project under UGC funding which is actively setting up a Butterfly Garden in the second campus adjacent to the College.
- There is the Maintenance and Beautification Committee which is instrumental in the maintenance of the cleanliness and the aesthetics of the college. The Gardening Committee helps maintain the beautiful garden of the college.
- The College has submitted proposals to the State Government to start Rain Water Harvesting Project and a Solar Energy Conservation Centre under the guidance of the Botany and Physics Departments respectively.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- **The Library** altered and extended its working hours from 8 AM to 6 PM to offer better library access to students and teachers of the College.
- **The Career Counseling Cell** of the College which has actively provided students with several national and international level interaction sessions and recruitment drives in different corporate sectors opened its own exclusive unit in the College with adequate infrastructure required to carry on their future programs successfully.
- A new **Reprographic Unit** was opened in the College (extended campus) which remains open till late hours to enable both UG and PG level hostel students to avail of the facility.
- Well-equipped **Tissue Culture Laboratory** has been set up by the Department of Botany for the students and teachers with funding obtained from **Department of Biotechnology (DBT), Government of India**.
- A common **Computer Laboratory** has been set-up collaboratively by the Departments of Zoology, Botany and Chemistry, for the students, for their project work and other requirements of Internet access with funding from **FIST Program of DST (Department of Science & Technology, Government of India)**.
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- Construction work of a new building – **the Roma Chaudhuri Memorial Building** has been started during this period. This building is slated to have dedicated Audio Visual rooms.
- **Wide Area Network (WAN)** has been installed in the College (including extended campus) providing an efficient, high speed, campus wide intranet with secure internet accessibility.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

1. An all round effort has been made to introduce PG course in the Bengali department. As a result PG course in the Bengali department will start from the session 2014-15. All the

- clearances from the Higher Education Department, Govt. of West Bengal and University of Calcutta have been received.
2. A number of UGC sponsored National level, State level and also College level seminars have been organized during the year. Details are given in AnnexureV.
 3. A Butterfly Garden has been set up in Campus II by Dr. Anuradha Choudhuri, Department of Zoology under an ongoing Major Project sponsored by UGC [Ref. No. F.No. 41-56/2012 (SR) dt. 13.7.12]
 4. The work of construction of a large **Examination Hall** with adjacent office space at the College under the head “Additional Grant/Scheme merge with development grant” of UGC during the 11th Plan period has been partially completed during the 2012-2013 period.
 5. Construction work of Roma Chowdhury Building has been started during 2012-13 period.
 6. A **New Research Unit** has been set up by the Department of Physics and a new **Project Room** by the Department of Sociology. Two DL 360P Servers with INTEL XEON gen 8 E52690 have been installed at the Department of Physics for simulation work in Computational Statistical Physics supported by CSIR. One Programmable Furnace operating upto 1200°C is being used in the Physics research lab for different types of sample preparation.
 7. A new **Reprographic Unit** was opened in the College (extended campus) which remains open till late hours to enable both UG and PG level hostel students to avail of the facility.
 8. Well-equipped **Tissue Culture Laboratory** has been set up by the Department of Botany for the students and teachers with funding obtained from **Department of Biotechnology (DBT), Government of India.**
 9. A common **Computer Laboratory** has been set-up collaboratively by the Departments of Zoology, Botany and Chemistry, for the students, for their project work and other requirements of Internet access with funding from FIST Program of DST (Department of Science & Technology, Government of India).
 10. The Library altered and extended its working hours from 8 AM to 6 PM to offer better library access to students and teachers of the College.
 11. **Wide Area Network (WAN)** has been installed in the College (including extended campus) providing an efficient, high speed, campus wide intranet with secure internet accessibility.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Best Practice I :

Student Engagement in creation of Butterfly Garden in fallow space. The setting up of Butterfly Garden in Campus II has been undertaken by Dr. Anuradha Choudhuri, Department

of Zoology under the UGC- sponsored Major Project (July, 2012) and currently one Research Fellow is working under this project.

Best Practice II :

In 2013 Lady Brabourne College hosted the 29th Annual Conference of Paschimbanga Itihas samsad and organized along with a UGC sponsored National level seminar on 'The Colonial Bengal: The Making of Women's Education'.

Details are provided in ANNEXURE VI & VII.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- In the year 2012, a major research project (for three years) under the department Zoology has been sanctioned by the University Grants Commission and a **butterfly garden** has been set up and is being maintained on a two to three cottah plot in the hostel campus of Lady Brabourne College. Having butterflies around means the biodiversity in the area is healthy. The work will also spread cheer on the campus and get students interested in the environment. Students will undertake a study on the status of pollinating insects and their revival. Conservation of butterflies is critical to any ecosystem because it is a secondary producer. Numerous birds, amphibians, reptiles and insects are directly dependent on butterfly larvae, pupa, and butterfly egg for survival. Saving them around our locality will help improve their habitat and will create a healthy ecosystem. Butterflies are very specific in their choice of food plants and plants on which they lay eggs. Absence of specific plants will cause that particular species of the butterfly to disappear. Keeping this in mind, various indigenous and wild plants like Akanda, varieties of citrus plants and milk weeds which serve as food and egg laying plants have been planted to create the habitat. Different species of butterflies like common mime, common rose, grassy yellow etc have been released and are being bred.
- **Old fire extinguishing mechanism** in the college has been overhauled thoroughly and 23 extinguishers have been posted at appropriate locations. A **transformer** has been installed for even distribution of load which will prevent outbreak of fire.
- **East Kolkata Wetland Research Project:** The Awareness of environmental pollution related hazards led the way for many science department to undertake a major project under CPE funding. The result is an interdisciplinary research project on East Kolkata Wetland, its environment and locality. The project was undertaken by the departments of Botany, Zoology, Microbiology, Chemistry, Geography and Statistics. The main objective was the assessment of viability of a conservation strategy in a developing country like India. The East Kolkata Wetlands (EKW) is situated between 22°25' to 22°40' N and 88°20' to 88°35' E and adjacent to the eastern part of Kolkata bordering the Salt Lake township on the one hand and the upcoming new township at Rajarhat on the other. The total area is 12,500 hectares. It was named Ramsar site in November 2002.
- Over the last five decades we have been witnessing the escalating demand for energy in all fields. The demand for fossil fuels has increased to a huge extent and this in turn has a huge impact on various ecological factors. People sought new and renewable sources as an alternative way to meet the rising demand for energy. One of the promising and virtually inexhaustible sources of energy is the Sun. Solar energy can be harnessed and used to produce electricity with the help of photovoltaic cells or solar cells. Lady

Brabourne College has planned to set up solar panels on the roof tops of the buildings in the main campus as well as in the hostel campus. The solar energy thus produced can be used to run the various electrical and electronics laboratories and can also be used for outdoor lighting of our campus. The panel at the hostel can be used to generate electricity for running geysers which will help the students especially during the winter months. WBREDA (West Bengal Renewable Energy Development Authority) will help us to install a **1 KWp Solar PV Power Plant**.

- To avoid harmful effects of X-ray radiations, separate chamber for **X-ray laboratory** is under construction using DBT-star grant and also some assistance from PWD (Civil) West Bengal. The inner wall of the chamber is to be lead shielded. Also X-ray protective lead jacket (2 Nos.) will be procured for the students experimenting in the X-ray laboratory.
- **Rain water harvesting:** Rainwater harvesting is an innovative alternative water supply approach. Rainwater harvesting captures, diverts, and stores rainwater for later use. Implementing rainwater harvesting is beneficial because it reduces demand on existing water supply, and reduces run-off, erosion, and contamination of surface water. Rainwater can be used for nearly any purpose that requires water. Lady Brabourne College has undertaken a project for Rain Water Harvesting in collaboration with 'State Water Investigation Directorate, West Bengal'. Rain water will be collected from the rooftop of College and Hostel building with the help of gutters and downspouts. These downspouts will be channelized to lead the collected rain water up to a filter bed. The rain water will be filtered and then be recharged to the nearest aquifer hereafter through a newly constructed bore well. The harvested water can be used as drinking water as well as for storage and other purposes like irrigation.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

| SWOC | <u>Strengths</u> | <u>Weaknesses</u> |
|------|---|---|
| | <ul style="list-style-type: none"> • The institution boasts of a multicultural, multilingual environment upholding its glorious tradition of empowerment of women. • Extremely dedicated, motivated and highly qualified teachers maintain the high academic standards of the college. • The promotion of institution-neighborhood community network and involvement of college students in diverse activities with socially and economically challenged section of the society instills | <ul style="list-style-type: none"> • Insufficient classrooms for holding extra classes or tutorial/remedial courses. • Lack of space and infrastructural facilities along with excessive class load acts as a deterrent to faculty research. • Insufficient funds from the Government which is not disbursed uniformly over the entire financial year poses problems for the college in planning and execution of projected works. • Dependence on P.W.D. for |

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| | <p>among them a sense of moral, social and civic responsibility leading to their holistic development as responsible citizens.</p> <ul style="list-style-type: none"> • Various career oriented courses have been initiated within the last five years keeping in mind the student placement opportunities. • The Career Counselling Cell is running successfully to take care of the students' job interests. • The Womens' Studies Centre successfully carries out programmes related to various women related issues. • Special attention is provided for students who are "fast learners" in the form of tutorial classes and "slow learners" through remedial courses. • Extensive use of e-resources and well stocked computerized library and reading room facilities allows students to explore aspects within and beyond curriculum. • The Physics Department has entered into a MOA with S.N.Bose National Centre for Basic Sciences, for conducting their P.G. course at the College. • The College has moved forward towards complete computerization that is facilitated by an enhanced, efficient high speed campus wide intranet with secure internet accessibility for users enabling <ul style="list-style-type: none"> ○ Online admission procedure ensuring complete transparency ○ Result compilation and administrative data handling easier, error free and fast. • College offers excellent hostel facilities for outstation | <p>civil and electrical work within the college and hostel campus makes quality assurance, maintenance and monitoring difficult.</p> <ul style="list-style-type: none"> • Poor administrative staff to student/Faculty ratio acts as a hindrance to the smooth running of the administrative affairs of the college. • Process of filling up of vacancies for both teaching and non-teaching posts is extremely slow. |
|--|--|---|

| | | |
|---|--|---|
| | <p>PG and UG students at a nominal rate.</p> <ul style="list-style-type: none"> • The Psychological Counselling Cell and Student's Grievance Redressal Cell addresses the difficulties faced by the students. • The College boasts of a lush green pollution free campus with a well maintained garden area including a medicinal garden. • Measures are adopted to maintain the college campus and especially the laboratories so that they satisfy safety norms and other environmental parameters. | |
| <p><u>Opportunities</u></p> <ul style="list-style-type: none"> • Establishment of the IQAC post the first cycle of NAAC and its activities has sensitized the departments regarding quality control, record maintenance, utilization of funds, academic expansion and collaborations. • Introducing institutional scholarships/freeships for those meritorious and economically backward students not receiving financial assistance from other sources. • Participation in academic programmes like seminars, workshops, debates, JAM/MBA tutorial classes etc. on a regular basis and student counseling at the PG level inculcates within the students a motivation to pursue higher studies and research. • Value education and health awareness | <p><u>S-O Strategies:</u></p> <ul style="list-style-type: none"> • Upgradation of one classroom in every department using modern facilities including WiFi connectivity. • Complete transition of the administrative wing into an environment friendly paper-less computer based office. • Regular inflow of government funds for: <ul style="list-style-type: none"> ○ maintenance of the vast open campus area ○ expansion of the medical facility with a unit at the College/Hostel campus with a full time medical practitioner. ○ Opening of a pharmacy shop and an ATM facility within College campus • Better liaison with PWD for maintenance of College, hostel and campus. • The College is soon implementing a rain water harvesting project in collaboration with State Water Investigation Directorate, West Bengal. • Solar Energy Conservation through setting up solar panels in collaboration with W.B.R.E.D.A. in college campus is also under process. | <p><u>W-O Strategies:</u></p> <ul style="list-style-type: none"> • Generation of reserve funds for meeting contingent needs of the College and also to cater to needy students who fails to receive financial help from external agencies. • Enhancing the number of research proposals and collaborative work with research Institutes and Industry. • Approaching Government for filling up of vacant teaching and non-teaching posts. • Increasing teacher membership in syllabus committees and boards of studies at the University level to ensure participation in academic designing and syllabus framing, like introduction of environment friendly courses like green chemistry etc. at UG level. |

| | | |
|--|---|---|
| <p>programmes for students including seminars, workshop and NSS activities in slum areas with women and children inculcates a sense of responsibility in them.</p> <ul style="list-style-type: none"> • Faculty members get ample opportunity to carry out research activities and publish their articles in institutional Lady Brabourne College journal. • An appreciable number of campus recruitments have taken place over the past few years. | <ul style="list-style-type: none"> • A MOA between the PG English Department with SRFTI, Kolkata to launch a novel course in 'Visual Transformation of Literary Text' is also underway | |
| <p><u>Challenges</u></p> <ul style="list-style-type: none"> • Little scope for introducing innovative teaching, learning techniques due to constraints in syllabi and annual academic schedule designed by the mother University which also limits the number of teaching days. • Being a Government college the institution does not have scope of filling up vacancies in teaching and non-teaching posts. • The stable staff structure necessary for the smooth running of the college (both academic and administrative) is often perturbed by the transfer policies of the government. • The pace of upgrading infrastructure is not commensurate with the annual increase in student intake as directed by the mother University. | <p><u>S-C Strategies:</u></p> <ul style="list-style-type: none"> • Complete grooming of students through academic and value education programmes motivates them to remain focused in their vision of achieving their goals despite political, socio-economic or religious bias. • Updating & consequent upgradation of infrastructure pertaining to latest technological trends through constant persuasion for permission and sanction of required grants. • Fund crunch for continuous purchase of books and journals by College library can be overcome by subscribing for e-books/journals and inclusion of the Institutional library within library networking circle. • Maintenance of strict discipline for students under the holistic role played by the College disciplinary committee and discipline also among teaching/non-teaching members ensures a healthy working environment • Exhaustive involvement of teaching & non-teaching staff in the different College | <p><u>W-C Strategies:</u></p> <ul style="list-style-type: none"> • Adopting management techniques to overcome difficulties of working with an understaffed administrative office. • Generating resources and creating reserve funds for maintaining: <ul style="list-style-type: none"> ○ General well-being of the College campus ○ Carrying out annual maintenance of expensive and highly sensitive equipments in College laboratories for which Government funding is unavailable. • Motivating students to utilize opportunities available to them within campus at subsidized rates. |

| | | |
|---|---|--|
| <ul style="list-style-type: none"> Transition of all administrative activities from paper-based work to paper-less, computer based handling is challenging involving reluctance to introduction of latest technological trends | committees under the Teachers' Council/Principal to ensure continued and efficient running of College activities in spite of possibilities of superannuation/resignation /transfer of teaching /non-teaching staff. | |
|---|---|--|

8. Plans of institution for next year

PROPOSED INFRASTRUCTURE UPGRDATION FOR 2013-2014 :

1. Completion of renovation of the laboratories of the science departments.
2. Completion of construction of a new Examination-cum-Seminar Hall and a Office Room under the Merged Scheme Project.
3. Installation of 1KWP Solar Power Plant as a part of the drive to cut down on energy consumption, cost and to promote alternative eco-friendly source of power supply.
4. Setting-up of a well equipped Fitness Centre for the students.
5. Upgrdation of food court for multi-utility schemes.
6. Construction of a Rain-water Harvesting System for sustainable development.
7. Inside and outside painting of the main college building and the adjoining college hostel.
8. Maintenance and beautification of college garden.
9. Construction of protective fencing for the proposed Butterfly Garden(a UGC sponsored major project) inside the hostel campus.
10. Air conditioning of the Library.
11. Renovation of the Career Counselling cell.
12. Completion of construction of Ground Floor, First Floor and Second floor of the new college building (Roma Choudhury Building) in the campus of Lady Brabourne College.

PROGRAMMES PROPOSED :

1. The College is preparing for inspection by NAAC and planning to meet up the mandatory requirements to upgrade itself from Centre with Potential for Excellence (CPE) to Centre of Excellence (CE).
2. The Principal's visit to the UGC office New Delhi with the in-house UGC team for an interface meeting led to the release of the residual CPE grants and the institution is planning its utilization as per allocation directives.
3. It is also planning several programmes to commemorate its Platinum Jubilee.
 - a) A four day interdisciplinary workshop was planned between Microbiology, Physics, Chemistry, Botany and Zoology for December 2013.
 - b) The Department of Bengali with active support from the Principal and the IQAC Convener is giving finishing touches for the Inspection Visit in February 2014 by the University of Calcutta for the opening of the Post Graduate Course in Bengali.

- c) The College is also in the process of publishing its fourth volume of The Lady Brabourne College Journal dedicated to the six languages taught in the institution.
- d) The Alumni Association of the College is finalizing presentation of Tagore's Dance Drama "Mayar Khela" by the performing artists of Sangeet Bhavan of Visva Bharati University with the active help of the Honourable Vice Chancellor of Visva Bharati University, Prof Susanta Dutta Gupta.
- e) The Department of Economics have plans to hold a collaborative seminar with the Bangiya Arthanity Parishad (BAP) in February 2014.
- f) The Department of Geography have plans to hold a National Level Seminar sometime in March 2014.
- g) The Department of English is hoping to collaborate with Visva Bharati University to organize a Seminar on European Classics targeting its Post graduate students.
- h) The Department of Microbiology also has plans to hold a National Level Seminar.
- i) There is deliberation for continuing the Annual fixtures like Value Education Seminar and the Manadaliika Banerjee Memorial Lecture sometime after summer.

Name Dr. Indrani Choudhuri Dutta

Name Prof. Siuli Sarkar

Indrani Choudhuri Dutta
CONVENER
IQAC
 Lady Brabourne College
 Govt of West Bengal

Siuli Sarkar
Principal
LADY BRABOURNE COLLEGE
 Govt. of West Bengal
 Kolkata

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

ANNEXURE I**ACADEMIC CALENDER
JUNE 2012-APRIL 2013**

| | | | |
|-----------|-----------|---|--|
| 05.06.12 | Tuesday | : | B.A. / B. Sc. Part II University Examination begins. |
| 15.06.12 | Friday | : | College re-opens after Summer Vacation. |
| 18.06.12 | Monday | : | Holiday for Shab-e-Miraj. |
| 21.06.12 | Thursday | : | Holiday for Rathajatra. |
| 25.06.12 | Monday | : | Admission Merit List to be put up. |
| 29.06.12 | Friday | : | First Year Admission (Arts). |
| 30.06.12 | Saturday | : | AGM of Alumni Association. |
| 02.07.12 | Monday | : | First Year Admission (Science). |
| 04.07.12 | Wednesday | : | Third Year Classes (Arts and Science) begin. |
| 06.07.12 | Friday | } | : Holidays for Shab-e-Barat. |
| & | | | |
| 07.07.12 | Saturday | : | |
| 12.07.12 | Thursday | : | B.A. / B.Sc Part 1 University Examination begins. |
| 17.07.12 | Tuesday | : | Orientation Programme for First Year Students. |
| 18.07.12 | Wednesday | : | First Year Classes begin. Full Session Time Table comes into force. |
| 25.07.12 | Wednesday | : | Second List Admission of First Year. |
| 03.08.12 | Friday | : | Second Year Classes (Arts and Science) begin. |
| 06X8.12 | Monday | : | Last date of First Year Admission. |
| 09.08.12 | Thursday | : | Holiday for Janmastami. |
| 15:08.12- | Wednesday | : | Celebration of Independence Day |
| 20.08.12 | Monday | } | : Holidays for Id-UI-Fitr. |
| & | & | | |
| 21.08.12 | Tuesday | : | |
| 22.08.12 | Wednesday | : | Value Education Seminar. |
| 26.08.12 | Sunday | : | College Foundation Day. |
| 31.08.12 | Friday | : | Last Date for change of subjects for First Year Students. |
| 03.09.12 | Monday | : | Distribution of BA/B.Sc. First Year Registration Forms. |
| 04.09.12 | Tuesday | : | Submission of B.A./B.Sc. Hirst Year Registration |
| 10,09.12 | Monday | : | First Year Class Test. |
| 12.09.12 | Wednesday | : | Submission of Resgistration Forms to CU by College (without fine). |
| 17.09.12 | Monday | : | Holiday for Biswakarma Puja. |
| 18.09.12 | Tuesday | } | : UGC Sponsored National Level Seminar organised by the Departments of Hindi, Persian and Sanskrit. |
| to | to | | |
| 20.09.12 | Thursday | : | |
| 02.10.12 | Tuesday | : | Holiday for Gandhi Jayanti. |
| 09.10.12 | Tuesday | : | First Year Mid Term Test - MIL, Compulsory English. |
| 15.10.12 | Monday | } | : Puja Vacation. |
| to | to | | |
| 24.11.12 | Saturday | : | |

| | | | |
|----------|-----------|---|---|
| 26.11.12 | Monday | : | College re-opens after Puja Vacation. |
| 27.11.12 | Tuesday | : | Mid-Term Test (only Hons. Subjects) - Second Year. |
| 28.11.12 | Wednesday | : | Holiday for Guru Nanak's Birthday. |
| 29.11.12 | Thursday | : | Mid-Term Test - Third Year. |
| 30.11.12 | Friday | } | Mid Term Test - First Year. |
| to | to | | |
| 04.12.12 | Tuesday | } | |
| 14.12.12 | Friday | : | College Reunion. |
| 15.12.12 | Saturday | : | Annual Function. |
| 17.12.12 | Monday | : | Last Date for submission of Marks - Second Year and Third Year Mid-Term Test. |
| 18.12.12 | Tuesday | : | Last Date for submission of Marks - First Year Mid-Term Test. |
| 19.12.12 | Wednesday | } | College Fest. |
| & | & | | |
| 20.12.12 | Thursday | } | |
| 21.12.12 | Friday | } | Christmas Holidays. |
| to | to | | |
| 31.12.12 | Monday | } | |

2013

| | | | |
|----------|-----------|---|--|
| 01.01.13 | Tuesday | : | Holiday for New Year's Day. |
| 02.01.13 | Wednesday | : | College re-opens after Christmas Holidays. |
| 03.01.13 | Thursday | } | Mid-Term Test - Second Year (Only General Subjects) |
| to | to | | |
| 07.01.13 | Monday | } | |
| 05.01.13 | Saturday | : | Last Date for submission of Third Year Percentage of Attendance. (Calculation upto 03.01.2013) |
| 08.01.13 | Tuesday | } | College Test-Third Year. |
| to | to | | |
| 16.01.13 | Wednesday | } | |
| 09.01.13 | Wednesday | : | Holiday for Akhri Chahar Shamba. |
| 12.01.13 | Saturday | : | Vivekananda's Birthday |
| 18.01.13 | Friday | : | Last Date for submission of, Marks - Second Year Mid-Term Test (General Subjects). |
| 19.01.13 | Saturday | : | Annual Sports Day. |
| 21.01.13 | Monday | : | First Year Class Test. |
| | | | Last Date for submission of Marks -Third Year College Test. |
| 23.01.13 | Wednesday | : | Holiday for Netaji's Birthday. |
| 24.01.13 | Thursday | : | Celebration of Calcutta University Foundation Day. |
| 25.01.13 | Friday | : | Holiday for Maghotsav. |
| 26.01.13 | Saturday | : | Celebration of Republic Day. |
| 29.01.13 | Tuesday | : | Result Meeting for Part II! Candidates. |
| 30.01.13 | Wednesday | : | Distribution of Forms-Third Year Arts. |
| 31.01.13 | Thursday | : | Distribution of Forms -Third Year Science. |

| | | | |
|----------|-----------|---|---|
| 01.02.13 | Friday | : | Submission of Forms - Third Year Arts. |
| 02.02.13 | Saturday | : | Submission of Forms -Third Year Science. |
| 04.02.13 | Monday | : | Last Date for submission of Second Year Percentage of Attendance. (Calculation upto 01.02.2013) |
| 05.02.13 | Tuesday | : | UGC Sponsored Seminar organised by the of Political Science and Sociology. |
| 11.02.13 | Monday | } | : College Test - Second Year. |
| to | to | | |
| 19.02.13 | Tuesday | | |
| 14.02.13 | Thursday | } | : Part I and II Supplementary Examination, 2012. |
| To | to | | |
| 22.02.13 | Friday | | |
| 15.02.13 | Friday | } | : Holidays for Saraswati Puja. |
| & | & | | |
| 16.02.13 | Saturday | | |
| 21.02.13 | Thursday | : | Celebration of Bhasa Dibas. |
| 22.02.13 | Friday | : | Holiday for Fateh-Yaz-Daham. |
| 25.02.13 | Monday | : | First Year Class Test. |
| 28.02.13 | Thursday | : | Celebration of Science Day. |
| 04.03.13 | Monday | : | Last Date for submission of Marks-Second Year College Test. |
| 07.03.13 | Thursday | : | Last Date for submission of First Year Percentage of Attendance. (Calculation upto 28.02.2013) |
| 08.03.13 | Friday | : | Celebration of International Women's Day. |
| 09.03.13 | Saturday | : | Result Meeting for Part II Candidates. |
| 10.03.13 | Sunday | : | Shivratri. |
| 11.03.13 | Monday | : | Holiday for Shivratri. |
| 12.03.13 | Tuesday | : | Distribution of Forms-Second Year Arts. |
| 12.03.13 | Tuesday | } | : College Test-First Year. |
| To | to | | |
| 19.03.13 | Tuesday | | |
| 13.03.13 | Wednesday | : | Distribution of Forms-Second Year Science. |
| 14.03.13 | Thursday | : | Submission of Forms - Second Year Arts. |
| 15.03.13 | Friday | : | Submission of Forms - Second Year Science. |
| 18.03.13 | Monday | } | : Part I Examination (CU) for Compulsory Languages. |
| to | to | | |
| 25.03.13 | Monday | | |
| 27.03.13 | Wednesday | } | : Holidays for Doijatra. |
| & | & | | |
| 28.03.13 | Thursday | | |
| 29.03.13 | Friday | : | Holiday for Good Friday. |
| 30.03.13 | Saturday | : | Holiday for Easter Saturday. |
| 01.04.13 | Monday | : | Last Date for Submission of Marks-First Year College Test. |
| 05.04.13 | Friday | : | Result Meeting-First Year. |
| 08.04.13 | Monday | : | Distribution of Forms-First Year Arts. |

| | | | |
|---------------------------|-----------|---|---|
| 09.04.13 | Tuesday | : | Distribution of Forms-First Year Science. |
| 10.04.13 | Wednesday | : | Submission of Forms - First Year Arts. |
| 11.04.13 | Thursday | : | Submission of Forms-First Year Science. |
| 14.04.13 | Sunday | : | Chaitra Sankranti. |
| 15.04.13 | Monday | : | Holiday for Bengali New Year. |
| 25.04.13 | Thursday | : | Part III Examination (CU) begins. |
| April, 2013 to June, 2013 | | : | Summer Vacation |

N.B : Minor modifications may be made if necessary.

Principal
Lady Brabourne College

ANNEXURE II

Feedback Analysis

- The College holds regular interactive parent-teacher-ward meets after every internal terminal examination to discuss areas of concern and collectively resolve the arising problems.
- The College students are to come out with any personal problems standing in the way of their development, encourages them to avail free psychological counseling, and parents are kept notified indiscreet fashion to minimize stress upon the ward.
- Round the clock attendance is provided by the Matrons and the Asst. supervisor in the hostel The Principal always holds meetings whenever situation demands with parents with a statutory body of teachers in attendance.
- All the above steps are taken to maintain a stress free learning system where the student is never allowed to feel isolated, nor posed with any threat that she cannot cope with the University determined syllabus.
- There is a student feedback system in place. However the thrust area in the questionnaire targeted at 3rd year students is more the implementation than designing because of non-existence of academic autonomy.
- The feedback system is however read carefully by the Principal and the areas of grievance, if any, with regard to application noted. Individual teachers have closed door sessions with the Principal, if needed. There threadbare discussions for providing more exhaustive, researched matter with emphasis on lucid communication are undertaken to bring the student and teacher closer.

ANNEXURE III**List of Top 20 University Rank Holders in 2012:**

| Sl. No. | Department | Name of the Student | Total Marks (out of 800) | Class | Rank |
|---------|-------------------|-----------------------|--------------------------|-------|------|
| 1 | Bengali | Nargis Parveen | 496 | I | 5 |
| 2 | | Rina Mukherjee | 481 | I | 17 |
| 3 | English | Deblina Maiti | 498 | I | 5 |
| 4 | | Madhurai Gangopadhyay | 494 | I | 8 |
| 5 | History | Sweta Jha | 468 | II | 13 |
| 6 | Persian | Shahina Parveen | 417 | II | 7 |
| 7 | Political Science | Aankita Ganguly | 487 | I | 13 |
| 8 | | Debleena Chakraborty | 480 | I | 20 |
| 9 | Sociology | Chandrayee Saha | 504 | I | 5 |
| 10 | | Smita Chakraborty | 501 | I | 6 |
| 11 | | Tinni Panda | 496 | I | 7 |
| 12 | | Avisrita Bal | 494 | I | 8 |
| 13 | | Ayesha Hasan | 491 | I | 9 |
| 14 | | Sagarika Sen | 491 | I | 9 |
| 15 | | Sayanti Ganguly | 485 | I | 10 |
| 16 | | Madhusree Biswas | 482 | I | 12 |
| 17 | | Debolina Banerjee | 475 | II | 16 |
| 18 | | Rinki Roy | 471 | II | 17 |
| 19 | | Namrata Basu | 471 | II | 17 |
| 20 | | Zeba Aslam | 466 | II | 20 |
| 21 | Urdu | Afreen Khatoon | 528 | I | 3 |
| 22 | | Musarrat Parveen | 507 | I | 6 |
| 23 | | Sana Firdous | 499 | I | 10 |
| 24 | | Ruhi Parveen | 498 | I | 11 |
| 25 | | Shabana Naaz | 497 | I | 12 |
| 26 | Economics | Arzina Hossain | 590 | I | 3 |
| 27 | | Afreena Rehman | 588 | I | 5 |
| 28 | | Anannya Roy | 580 | I | 8 |
| 29 | | Antara Das Sharma | 574 | I | 9 |
| 30 | | Oindrila Bhattacharya | 562 | I | 10 |
| 31 | | Chandreyee Kumar | 552 | I | 14 |
| 32 | | Aditi Bhattacharya | 543 | I | 19 |
| 33 | Botany | Ipshita Ghosh | 544 | I | 17 |
| 34 | Chemistry | Indrani Banerjee | 648 | I | 11 |
| 35 | | Indrani Bhattacharya | 646 | I | 12 |
| 36 | | Shreya Sarkar | 644 | I | 13 |
| 37 | Geography | Shreya Bhattacharjee | 537 | I | 1 |
| 38 | | Ria Banerjee | 533 | I | 2 |
| 39 | | Amrita Mundal | 518 | I | 5 |
| 40 | | Bismita Barman | 510 | I | 8 |
| 41 | | Neha Kanojia | 506 | I | 11 |
| 42 | | Anindita Ghosh | 493 | I | 20 |
| 43 | Microbiology | Madhurima Datta | 635 | I | 2 |
| 44 | | Rupkatha Mukherjee | 612 | I | 3 |

| | | | | | |
|----|-------------|-------------------------|-----|---|----|
| 45 | | Soumi Biswas | 592 | I | 8 |
| 46 | | Swagata Mukhopadhyay | 590 | I | 9 |
| 47 | | Tanaya Basu Roy | 585 | I | 11 |
| 48 | | Suman Gupta | 584 | I | 12 |
| 49 | | Moynee Mukherjee | 578 | I | 14 |
| 50 | | Anumeha Saha | 569 | I | 16 |
| 51 | | Pallavi Mandal | 564 | I | 19 |
| 52 | Mathematics | Arpita Nayek | 629 | I | 8 |
| 53 | | Firdoshi Parveen | 616 | I | 13 |
| 54 | | Manisha Chowdhury | 591 | I | 20 |
| 55 | Physics | Sukanya Pal | 586 | I | 6 |
| 56 | | Shamreen Iram | 584 | I | 8 |
| 57 | | Neepmala Giri | 576 | I | 12 |
| 58 | | Shinibali Bhattacharyya | 572 | I | 13 |
| 59 | Statistics | Priyanka Roy | 528 | I | 17 |
| 60 | Zoology | Ilina Ghosh | 615 | I | 4 |
| 61 | | Monika Ghosh | 612 | I | 5 |

ANNEXURE – IV

ANNUAL REPORT OF NSS UNIT- I
LADYBRABOURNECOLLEGE
REGULAR ACTIVITIES
From April 2012 to March 2013

Programme Officer: Snigdha Pain, Dept. of Statistics
 Members: Bratati Chakraborty, Durba Bhattachary, Suparna Pal

- Attended the programme on Rabindra Jayanti at Calcutta University
- The NSS Unit I celebrated *Baish-e-shrabon*. The volunteers participated in the cultural function held in college.
- Observed Drug Abuse day on 26th June, 2012
- Participated in the rally on health awareness and visited the Red Ribbon Express.
- Observed the NSS day on 24th September 2012 and attended a seminar on Sports and Youth held at the University
- Students of this unit worked as volunteers for CMS Vatavaran (Biodiversity Film Festival and Forum)
- A Film show on Biodiversity was screened in the college auditorium and for the students.
- A seminar on Swami Vivekananda was organized on 31. 01.13 at the college by this unit.

Special Camp, 2013

The Special Camp of NSS Unit I was held from 19th March 2013 to 25th March 2013. During these seven days the following programmes were held:

- *Day 1* - Visit to the adopted slum
- *Day 2* - Poster competition on “Save the girl child”
- *Day 3* - Visit to the slum , campus cleaning, visit to Department of Community Medicine, National Medical College,
- *Day 4* - Visit to Child Care Home, a centre where the girl children abandoned or lost girl children are rehabilitated.
- *Day 5* - Medical Health Camp in collaboration with Department of Community Medicine, National Medical College
- *Day 6* - First Aid Training on Disaster Management at Calcutta Rowing Club, organized by Calcutta University
- *Day 7* - A workshop on “Basic Life Support “ in collaboration with Department of Anesthesia , National Medical College



ANNUAL REPORT OF NSS UNIT- II

LADYBRABOURNECOLLEGE
REGULAR ACTIVITIS
From April 2012 to March 2013

Programme Officer : Dr.Sutapa Ray
Member : Suparna Pal
Sarbani Goswami

100 volunteers of Lady Brabourne College, NSS Unit II have completed their programme which continued for more than 120 hours with in two years from April 2012 to March 2013. Last year 50 students completed their special from 15.2.12 to 21.2.12 and this year 50 students attended a special camp for seven days i.e. from 20.3.13 to 26.3.13. They regularly join various programs arranged by our College or University. Their activities are given below:

- They Participated ‘World Environment Day’ on 5th June 2012, conducted by College. They purchased some saplings and planted those in our College campus behind new science building.
- 10 volunteers attended a seminar on 26th June 2012 at Calcutta University Centenary Hall, college street campus at 2p.m., topic was ‘International Day Against Drug Abuse’. This programme they participated along with their NSS Programme Officer. This programme organized by NSS cell of Calcutta University. The seminar was followed by a Audio Visual presentation on Marine World and its Environment, Water –Sports and adventure including disaster management by ‘Sea Explorers Institute’, Kolkata.
- Participants attended a seminar regarding “Polio Eradication: Role of NSS” on 30th April 2012 at 2 P.M at Asutosh Hall, University of Calcutta. Speaker was Dr. Subrata Sarker, Principal of Nursing College, R.G Kar Medical College and Hospital. She gave a power point presentation on this topic. This awareness Programme conducted by NSS Dept. of Calcutta University.
- Students observed ‘Independence Day’ on 15th August 2012 in Lady Brabourne College campus.
- They also observed NSS Day on 24th September 2012.
- Our students of NSS Unit II participated a seminar on ‘Positive attitude towards life’. This program organized by Students Council in Cell of Lady Brabourne College collaborate with NSS Unit II on 20th July 2012, speaker was Mr. Bijoy Menan.
- This year “NSS Award Function” was celebrated on 1st February 2013 in Centenary Hall of Calcutta University. The said function started at 11a.m, Lagnajita Chakraborty volunteer’s of this unit got Best Volunteer award from University of Calcutta.

Special Camp 2013

A special camp for seven days from 20th March to 26th March 2013 in the college was organized in which 50 students participate. This year they mainly cleaned our Lady Brabourne College Library and arranged the Library books in proper shape. We have a rich library and many rear books are there. All these days of special camp they spent daily 3 hours for cleaning the library books. First day our students purchased some saplings and planted them in the college campus.

On 21st March they invited 28 slum children who are the students of our Night School and who were given dress material. On 24th the NSS students join a Workshop known as “First aid training on Disaster Management” which was organized in the Calcutta Rowing Club situated at Rabindra Sarobar, University of Calcutta.

On 25th March Dr. Subrata Sarkar, Principal of Nursing College of R.G. Kar Hospital delivered her valuable speech on “Women Disuses: How to remove them” before the students. That day students provided lunch for slum people at 12 noon in Food Court of Lady Brabourne College.

Last day on 26th March volunteers attended a seminar. This seminar presented by ‘The Sea Explorers Institute’ Kolkata. Our aim was to make aware the students about the various aspects of the river and sea at this seminar. ‘The Sea Explorers Institute’ share with us as to how they across The Bay of Bengal from Kolkata to AndamanIsland.

Every day NSS Unit II arranged Tiffin and Lunch for 50 volunteers.



ANNEXURE – V**A Survey of Seminars and Workshops organized during 1.4.2012 to 31.3.2013.****Seminars Organized by the Department. (Held in the College)**

| DEPARTMENT | SEMINAR & DATE | SPEAKER |
|---|---|--|
| English | Mondalika Banerjee Memorial Lecture on “Death in Tragedy” 19.09.2012 | Prof. Supriya Chaudhuri |
| Lady Brabourne College | Vision of Swami Vivekananda & Its Relevance In Contemporary World 01.03.2013 | Swami Ritananda Dr. Marmar Mukhopadhyaya Babar Ali. |
| Urdu | Departmental Seminar 27.02.2013 | Dr. Dabir Ahmad |
| Political Science & Sociology (In collaboration with Council for Political Studies) | Social Inequalities: Issues and Practical Experiences in India 12.03 .2013 | Prof. Andre Beteille Prof. Debi Chatterjee Prof. Manabi Mazumdar Prof. Rajasree Basu Prof. Priya Sangameswaram Prof. Jyoti Jalan Prof. Mukul Mukherjee Prof. Ishita Mukherjee |
| Sociology | Rabindra Nath Tagore: Man, Society & Personality. 11.10.2012 | Dr. Himanbanta Bandopadhyay. |
| Philosophy | Positive attitude towards life 20.07.2012 | Sri Vijoy Menon |
| History | (i) UGC sponsored National Level Seminar on “Unish Shatake Streeshikshar Nirman” in collaboration with Paschimbanga Itihas Samsad on 25 th January, 2013 (ii) Annual conference of Paschimbanga Itihas Samsad from 24 th – 26 th January, 2013 | Professor Sonia Nishat Amin Professor Rochona Chakraborty Professor Makhsuda Khaton Professor Narayani Gupta (inaugurated the conference) Professor Uma Chakravarti (delivered key-note address) Sectional Presidents: • Ancient India – Professor Upinder Singh • Medieval India – Professor Amit De • Modern India – Professor Shyamapada Bhowmick • Countries other than India – Professor Swapna Bhattacharyya |

| | | |
|--|---|---|
| Botany | 1. Departmental Seminar 14.09.2012 | Dr Krishnendu Achharya Department of Botany, University of Calcutta |
| | 2. DBT sponsored seminar on Biodiversity. 17.12.2012 | Dr Samir Kumar Bera. Birbal Sahni Institute of Paleobotany, Lucknow |
| Mathematics | 1. One-day seminar in collaboration with Indian society of Non-Linear Analysts. 17.05.2012. | Prof. J. Bhattacharya. Prof. A. Adhikary. |
| | 2. One-day U.G.C.-C.P.E. sponsored seminar in collaboration with Indian society of Non- Linear Analysts on Algebra & Analysis. 30.05.2012. | Prof. M.K.Sen Prof. D.K.Ganguly Prof. T.K.Dutta Prof. J. Das |
| | 3. A series of lectures on Algebra 18.01.2013, 21.01.2013 & 22.01.2013. | Prof. Sujit Sarder. |
| | 4. A series of lectures on Analysis 28.01.2013, 29.01.2013, 30.01.2013 & 15.02.2013 | Prof. Sandip Jana. |
| Zoology | DBT sponsored seminar on 'Biodiversity'. 17.12.2012 | Dr. Asish Ghosh |
| Microbiology | 1. Basics of Biochemistry & Microbiology 23.08.2012 | Prof. Gouri Sankar Ghosh, University of California , San Diego, USA |
| | 2. Medical Microbiology and Bioinformatics 28.09.2012 | Dr. Wriddhiman Ghosh , Bose Institute |
| | 3. Adaptation of TLR mediated immunity through evolution. 17.01 2013 | Prof. Sankar Ghosh, Columbia University |
| Microbiology, Chemistry & Physics | DBT Star College Joint program centered around Nano Science and Technology and its application on Biological systems. 18.12 .2012 | Prof. S. Bhattacharya, JU Prof S. Saha, IACS Prof P. Brahma, Guru Das College (Retd.) |
| Celebration of Science Day under Science Promotion Committee, Lady Brabourne College | Genetically Modified Food Crop and Food Security | Prof. Timir Baran Jha, Presidency University |
| | Child Obesity | Dr. Subrata Dey, Apollo Gleneagles |
| | Bar coding 28.02.2013 | Dr. M. K. Sen, CU |
| Chemistry | DBT sponsored Seminar on Computational Chemistry (as part of FIP program) 07.11.2012, 08.11.2012 & 09.11.2012 | Dr. Uttam Mahapatra Dr. Sudip Bandopadhyay Dr. Biplab Bhattacharyya |

| | | |
|-----------|---|--|
| Geography | 1. Drought and its Management In West Bengal. 04.08.2012 | Dr. Swadesh Mishra (Govt. of West Bengal, Retd). |
| | 2. Dispossession And Development | Prof. Swapna Banerjee-Guha (TISS). |
| | 3. Food Security, Nutrition And Rural Development | Prof. R.N. Chattopadhyay, IIT Kharagpur. |
| Economics | Seminar on West Bengal Economy 09.03.2013 | Prof Ajitava Raychaudhuri, J.U. |
| Physics | 1.Colloquium on Higgs Boson, 11.07.2012 | Prof. A. Roy Chowdhury CU |
| | 2.Seminar on ‘Space Science, Technology, Industry and policy –today Indian options’, 12.10.2012 | Dr. Santanu Datta. Kalpana Chawla Centre for Space and Nano Sciences |
| | 3. Training on Impedance meter. 26.11.2012 | Mr. Arindam Chakraborty Saha Institute of Nuclear Physics, Kolkata. |
| | 4. Seminar on Graphene: A New material with unusual physical properties. 18.12.2012 | Prof. S. K. Saha , Indian Association for the cultivation of Science, Kolkata. |
| | 5.(i) Polymer- its basic physics. (ii)Introduction to Biopolymers. (iii) Biofuels and Biorenewable chemicals. 18.01.2013 | Ms Baishali Kanjilal, University of Connecticut, U.S.A. |
| | 6. Anderson Localisation, 28.04.2012 | Prof. Debnarayan Jana, Department of Physics, C.U |
| | 7.Series of seminars on the lattice Dynamics 02.05.2012, 03.05.2012 & 07.05.2012 | Prof. Souris Banerjee Department of Physics, C.U |

Workshops Organized by the Departments. (Held in the College)

| DEPARTMENT | WORKSHOP | DATE | RESOURCE PERSON |
|--------------|---|---------------------------|---|
| Microbiology | DBT Star College Students Workshop on Isolation and Characterization of Purple Non Sulfur Photosynthetic Bacteria and Cyanobacteria from Waste Water for Undergraduate students of Physics and Chemistry | 10.12.12.- 13.12.12 | Dr. Mahuya Mukhopadhyay Ms. Madhulika Gupta Ms. Sudipta Paul Bhattacharya |
| | DBT Star College Faculty Improvement Workshop on Recombinant DNA Technology and Bioinformatics | 2.3.2013- 9.3.2013 | Dr. Koyeli Girigoswami Dr. Suchitra Sarkar Dr. Santanu Roy Mr. Rajat Pal |
| Chemistry | DBT Star College Students workshop on Physicochemical methods used in Experimental Biology for undergraduate students of Microbiology, Botany and Zoology Departments. | 10.12.2013- 11.12.2013 | Dr. Papia Ganguly Dr. Sukanya Chakrabarti (Guha) Dr. Nupur Basu Dr. Haimanti Mallik Dr. Soma Nath (Deoghorla) Dr. Soma Samaddar Dr. Nabanita Kundu |
| Physics | DBT Star College Students Workshop on Generation and combination of Electrical Pulses and Optical Spectroscopy for undergraduate students of Microbiology, Botany and Zoology Departments. | 12.12.2013- 13.12.2013 | Dr. Haimanti Chakrabarti, Dr Bidisa Chattopadhyay Dr.Ajanta Bhawal Acharya Dr.Srabani Chakraborty Dr.Chhanda Basu Chaudhuri Dr. Sudeshna Das Gupta Ms. Sameena Murtaza Ms. Paromita Chatterjee |
| Botany | DBT Star College Students Workshop on Study of Chromosome, Drug and Food Adulteration for undergraduate students of Physics & Chemistry Departments. | 10.12.2012- 13.12.2012 | Dr. Suchita Sinha Dr. Rinku Saha Dr. Sudipta Das Dr. Bidisha Mallick Dr. Debleena Roy Dr. Suparna Pal |
| Zoology | DBT Star College Students Workshop on Chromosomal study, estimation of hemoglobin and other blood protein for undergraduate students of Physics & Chemistry Departments. | 10.12.2012- 13.12.2012 | Dr. Sanjukta Mondal Parui Dr. Anuradha Chaudhuri Dr. Paulami Maiti Smt. Sujata Dhar (Dutta) Smt. Durba Bhattacharya Smt. Antara Kar |

ANNEXURE VI

BEST PRACTICE I

Best Practice I : Student Engagement in creation of Butterfly Garden in fallow space.

The Objective:

- To utilize existent fallow space to promote research and innovative teaching and sensitize students to the serious issue of pollution control and environmental restoration.

The Practice:

- The Best Practice deserving particular mention for 2012-2014 involves a UGC sponsored Major Research Project conducted by Dr. Anuradha Chaudhuri of the Department of Zoology. Dr Chaudhuri discussed with the IQAC the possibility of making use 2-3 cottahs of land lying unused in the second campus of the College where the UG and PG hostels are situated. This project, started in 2012 is in the process of landscaping the fallow area to set up specific plant garden to nurture different species of butterflies. Though major conservation efforts in India are centered round flagship species like tiger, elephant and rhinoceros yet very few animals depend directly on any of them for survival. In contrast, numerous birds, amphibians, reptiles and insects are directly dependent on butterfly larvae, pupa, egg and adult butterflies for survival. Saving them around our locality will help improve their habitat and will create a healthy ecosystem. The habitat will consist of butterfly friendly trees and flowers and common species will be released as soon as the plant life matures. This in turn will give fresh lease to insect and bird population in the controlled wilderness.

Projection of benefit and success:

- Students will be involved in the study of cross pollination and food chain systems. They are already acquainting themselves with the plant life and the ecological value of plant – insect symbiosis in a live laboratory, working with research assistants as young naturalists to learning the process of creating natural habitats. They are observing that research and sustenance of environment are complementary process. They are becoming aware that innovative use of space is actually adding to lessening pollution in a heavily congested part of the city and helping the cause of community health. A healthy garden will refresh the entire hostel campus and provide educational-recreational opportunities for years to come.

Impact of the Practice:

- As the chosen area was cleaned and the ground began to be prepared by staff engaged under Dr. Chaudhuri's supervision students were invited to observe the process. Already at this threshold level they showed a keenness and excitement concerning the transformation of a hitherto neglected space becoming a source of regeneration. It was felt that the teaching-learning process had indeed been given a new dimension in a live laboratory.

Problems encountered and resources required:

- The problems facing innovative usage of infrastructure require a great deal of paperwork to overcome red tape because any construction work requires the involvement of the state PWD and the tedious process of tendering.

- The College satisfies UGC criteria and thereby avails resources; if however a more interactive climate at various levels is allowed to develop colleges with potential for excellence would benefit more.

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ANNEXURE VII

BEST PRACTICE II

Best Practice II : In 2013 Lady Brabourne College hosted the 29th Annual Conference of Paschimbanga Itihas Samsad and organized along with a UGC sponsored National level seminar on ‘The Colonial Bengal: The Making of Women’s Education’.

The Objectives:

Paschimbanga Itihas Samsad being a premier Research Institute of History and a body which aims at popularizing the study of History through vernacular, held its 29th annual Conference in Lady Brabourne College on 24th and 25th of January, 2013. A UGC level seminar was also organized by the department of History of LBC on ‘The Colonial Bengal: The Making of Women’s Education’ to sensitize the students about the condition of women in the colonial period and their emancipation through education; the hurdles crossed by a teeming millions of known and unknown women, who wanted to read and be liberated from the clutches of dark beliefs and superstitions and above all, from patriarchy. This attempt to learning was collaborated by a section of urban, middleclass, English educated Bengali male intelligentsia whose objective was to create a ‘new Bengali woman’. But once allowed to traverse the path of education, women began to break barriers – mainly social and cultural, sometimes even political, if not economic. Thus colonial rule and its close relation to reforms and awakening of Bengal were tied up with the Women’s question and this roadmap to modernism was the theme of this Seminar.

The Context:

The modern urban woman needs to know the trajectory of liberal education, modernism, and role of women in it. The seminar was aimed at unfolding the role played by men to get their better-half educated, role of colonial government, and of course the responses of women to these endeavours. Needless to say, that among the broader horizon of women’s urges to get education, the smaller perspectives of minorities’ attempt for the same target was not missed. The different courses of educating women pursued by different communities, classes and in different regions were taken note of. Eventually how a separate identity of women was set upon to be formulated, was the basic enquiry made by the speakers.

The Practice:

The seminar organized by the department of History, Lady Brabourne College, was entitled ‘The Colonial Bengal: The Making of Women’s Education’. The Annual Conference of ‘Paschimbanga Itihas Samsad’ was inaugurated by Professor Narayani Gupta and the keynote address was given by Prof. Uma Chakravarti. The four Sectional Presidents were: Prof. Upinder Singh, -Ancient India, Prof. Amit De-Medieval India, Prof. Shyamapada Bhowmick-Modern India and Prof. Swapna Bhattacharyya- Countries outside India. The speakers of the seminar were Prof. Rachona Chakraborty –University of Calcutta, Prof. Sonia Nishat Amin of Dhaka University and Dr. Manowara Hossain of Hasting’s College of women. The first and the second day of the conference saw papers presented by delegates and scholars who came from throughout the country and even from Bangladesh, our neighbouring country.

Impact: The Conference helped to add another feather to the academic cap of Lady Brabourne College. The students greatly benefitted from the lectures of the renowned scholars and historians who are stalwarts in different fields of historical research by listening to them. Thus the seminar fulfilled the objective in more than one way.