



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | | |
|---|--|---------------------------|
| 1. Name of the Institution | | LADY BRABOURNE COLLEGE |
| Name of the head of the Institution | | SIULI SARKAR |
| Designation | | Principal |
| Does the Institution function from own campus | | Yes |
| Phone no/Alternate Phone no. | | 033-22897720 |
| Mobile no. | | 9830111872 |
| Registered Email | | prl@ladybrabourne.com |
| Alternate Email | | i.choudhuridutt@gmail.com |
| Address | | P1/2 Suhrawardy Avenue |
| City/Town | | Kolkata |
| State/UT | | West Bengal |
| Pincode | | 700017 |
| 2. Institutional Status | | |

| | |
|--|----------------------------|
| Affiliated / Constituent | Affiliated |
| Type of Institution | Women |
| Location | Urban |
| Financial Status | state |
| Name of the IQAC co-ordinator/Director | Dr. Indrani Choudhuri Dutt |
| Phone no/Alternate Phone no. | 03324408085 |
| Mobile no. | 9339751146 |
| Registered Email | prl@ladybrabourne.com |
| Alternate Email | i.choudhuridutt@gmail.com |

3. Website Address

| | |
|--|---|
| Web-link of the AQAR: (Previous Academic Year) | https://ladybrabourne.com/AQAR/2018-19/LBC AQAR 2018 19.pdf |
|--|---|

4. Whether Academic Calendar prepared during the year

| | |
|--|--|
| if yes,whether it is uploaded in the institutional website: Weblink : | Yes http://www.ladybrabourne.com/AOARNEW/AOAR2019-20/Calendar2019-20 |
|--|--|

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|-------|-------|-------|----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | A | 85.35 | 2006 | 21-May-2006 | 20-May-2011 |
| 2 | A | 3.2 | 2014 | 10-Dec-2014 | 09-Dec-2019 |

6. Date of Establishment of IQAC

| |
|-------------|
| 15-Jun-2007 |
|-------------|

7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|-------------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC | Date & Duration | Number of participants/ beneficiaries |
| Academic Audit conducted and report generated. | 05-Aug-2019 16 | 19 |

| | | |
|---|------------------|-----|
| Departments were summoned for Group Discussion with the Principal & given directives | | |
| Participated in NIRF and ranked 94 on a national scale | 27-Nov-2019 1 | 19 |
| Man and Animal in Global Conflict: Awareness Workshop on Environment and Conservation in Collaboration with Director Project Tiger, Buxa Tiger Reserve, | 13-Sep-2019 1 | 400 |
| Activity Women in Media - A Journey shared in collaboration with media houses Bartaman, The Telegraph, Zee 24 Hours, Indulge Web Magazine, & Aajkal | 06-Mar-2020 1 | 108 |
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/Department/Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|--------------------------------|------------------|------------------------------|-----------------------------|----------|
| Lady Brabourne College | RUSA | West Bengal State Government | 2019 365 | 416667 |
| Lady Brabourne College | Maintenance | West Bengal State Government | 2019 365 | 13448900 |
| Lady Brabourne College | PWD (CIVIL) | West Bengal State Government | 2019 365 | 7855313 |
| Lady Brabourne College | PWD (ELECTRICAL) | West Bengal State Government | 2019 365 | 1848322 |
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| | |
|--|---------------------------|
| 9. Whether composition of IQAC as per latest NAAC guidelines: | Yes |
| Upload latest notification of formation of IQAC | View File |
| 10. Number of IQAC meetings held during the year : | 2 |

| | |
|--|---------------------------|
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | Yes |
| Upload the minutes of meeting and action taken report | View File |
| 11. Whether IQAC received funding from any of the funding agency to support its activities during the year? | No |

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Participated in NIRF and ranked 94 on a national scale

Academic Audit conducted and report generated. Departments were summoned for Group Discussion with the Principal & given directives on 5.8.2019

A seminar was organized on Man and Animal in Global Conflict: Awareness Workshop on Environment and Conservation in Collaboration with Director Project Tiger, Buxa Tiger Reserve on 13.9.2019

Promotes Woman Empowerment by introducing Career Options in Media in terms of interactive seminar. A seminar cum Interactive session was organized on Activity Women in Media - A Journey shared in collaboration with media houses Bartaman, The Telegraph, Zee 24 Hours, Indulge Web Magazine, & Aajkal on 6.3.2020.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

| Plan of Action | Achivements/Outcomes |
|--|---|
| 1.NIRF registration NIRF Road Map discussed and determined | 1. College went for its first NIRF registration a and evaluation following road map |
| 2. Academic Audit Planned in new academic session | 2. Academic Audit conducted |
| 3. Infrastructural damage in the dept of Hindi discussed | 3. Visit by the Chairperson, Coordinator & Senior members of the IQAC. PWD Committee directed to actively arrange for damage control and ensure safety. |
| 4.Demand of Librarians to make RFID more functional by employing ancillary staff discussed | 4. IQAC Chairperson and Coordinator constituted an Interim body in April as the newly formed IQAC could meet later owing to changed academic schedule on account of assembly elections to interview and induct staff. |
| 5. Decision to implement the new | 5. Implementation done with meeting |

regulations of NAAC dated 26.9.2019 & recompose IQAC was taken

held 10th December 2019.

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| | |
|--|---|
| 14. Whether AQAR was placed before statutory body ? | No |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No |
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2020 |
| Date of Submission | 17-Mar-2020 |
| 17. Does the Institution have Management Information System ? | Yes |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | <p>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. The Library has been working towards full automation through RFID. Many departments like Botany and Geography are restructuring their student database. • 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. This system is also being reorganized. Actually the college is on the way to full automation.</p> |

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

• The institution follows the curricula determined by its affiliating University, the University of Calcutta, for both Undergraduate and Post graduate Courses on offer. • The dissemination of the courses is well planned as it closely follows the Academic Calendar set by the University of Calcutta; the institution's Academic Calendar is designed around the Master calendar of the University with due flexibility for its unique extra-curricular activities. • The institution follows well-structured central and departmental Time Tables. Strict adherence ensures completion of syllabi in correspondence with the projection in the academic calendars and bear evidence to proper academic planning. • Departments prepare lesson plans so as to provide maximum learner-friendly dissemination of courses and these are further examples of meticulous documentation. • The courses-conventional and CBCS- are divided up into-segments in correspondence with the graded internal examination system. The internal examinations for traditional courses class-tests, mid-terms, selection tests, and those under CBCS -internal assessment tests-document academic progress and lacunae. • The records of the graded evaluation system help modify teaching plans so as to effectively and efficiently address any gap in learner-receptivity and prepare students better for terminal examination/semesters. • Records of evaluation are digitally prepared by Faculty members designated for Result Preparation for separate Courses based on data provided by Honours and Elective/Generic Elective Faculty conducting the courses respectively. From 2018 with the introduction of CBCS Courses the Institution has evolved a system of uploading awards of Internal Assessment in the database designed by the University, duly maintaining back copies at College level to complete the documentation process

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|-------------|-----------------|-----------------------|----------|--|-------------------|
| NIL | NIL | 01/07/2019 | 0 | NIL | NIL |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| Nil | NIL | 01/07/2019 |
| No file uploaded. | | |

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
| BA | UG | 02/08/2019 |
| BSc | UG | 02/08/2019 |
| MA | PG | 13/08/2019 |
| MSc | PG | 13/08/2019 |

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

| | | |
|--------------------|-------------|----------------|
| | Certificate | Diploma Course |
| Number of Students | 32 | 284 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---|----------------------|-----------------------------|
| One Year Post Graduate Diploma Course in 'Food Drug Safety' | 27/08/2019 | 3 |
| View File | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---------------------------|--------------------------|---|
| BA | Sociology | 42 |
| MA | English | 7 |
| BSc | Geography | 27 |
| MSc | Geography | 25 |
| MSc | Microbiology | 17 |
| BSc | Zoology | 48 |
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|------|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Nill |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained |
|---|
| The feedback is collected and records are analyzed by the teachers in the presence of the Principal in individual capacity. Each teacher notes any special demand directed by the student and addresses these by renegotiating her teaching-learning methods and mentoring skills. The Principal intervenes wherever necessary. The Institution is in the process of designing a graphical presentation of feedback to be discussed in presentation format in Teachers Meetings so that the impact on campus life becomes more macro-level management while retaining the very successful micro management. |

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| | | | | |

| | | | | |
|---------------------------|----------------------|-----|------|-----|
| BA | All Arts Subjects | 407 | 2544 | 255 |
| BSc | All Science Subjects | 349 | 4719 | 218 |
| MA | All Arts Subjects | 50 | Nil | 35 |
| MSc | All Science Subjects | 147 | Nil | 122 |
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 1415 | 299 | 95 | Nil | 64 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 95 | 95 | 14 | 20 | 5 | 10 |

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Lady Brabourne College has since its inception been open to student needs. Added to the conventional method of teacher-student interaction on a one to one basis, on issues ranging from academic to personal related to academics, there are other more scientific forms of mentoring. The Student Feedback system makes the Faculty well aware annually of shortcomings in teaching and campus life. Each teacher carefully goes through the feedback and equips herself to handle relevant issues differently. Occasionally teachers help student progression of economically challenged students by helping them with resources. Different need faced scholarships are managed by the College and there is a Principal's Welfare Fund which is accessed by Faculties in proper meeting to extend help to students

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 1714 | 95 | 1:18.0 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 109 | 92 | 14 | 3 | 76 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year)

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|-------------------|---|-------------|--|
| Nill | NIL | Nill | NIL |
| No file uploaded. | | | |

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---------------------------|----------------|----------------|--|---|
| MA | PG | IV | 10/10/2020 | 27/10/2020 |
| BA | UG | III | 11/01/2020 | 06/03/2020 |
| MSc | PG | IV | 08/10/2020 | 11/11/2020 |
| BSc | UG | III | 11/01/2020 | 06/03/2020 |
| BSc | UG | I | 20/01/2020 | 28/09/2020 |
| BA | UG | I | 20/01/2020 | 28/09/2020 |
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college is affiliated to the University of Calcutta and follows its curricula and Examination guidelines. CBCS curricula require Internal Assessment examinations designed by the Board of Studies of different disciplines. The college has been consistently designing its teaching methodology to cater to the new curricula and examination process. Short class tests are conducted to make students aware of the new semester examination modules. Lab Manuals in different subjects are made the point of reference for conducting Practical classes and tests. In this way a student is being prepared and inducted to face the rigours of the semester system of study and fare well at the University level.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar of the college is prepared at the beginning of every academic year in correspondence with university academic calendar. as far as practicable the college follows the university directives and plans, its teaching and evaluation processes accordingly. All other activities of the college such as value education, cultural activities are fitted in with reference to the academic activities.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://ladybrabourne.com/docs/LBC_PO_PSO_CBCS

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students | Number of students passed | Pass Percentage |
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|

| | | | appeared in the final year examination | in final year examination | |
|---------------------------|-----|----------|--|---------------------------|-------|
| UG | BA | Part III | 256 | 256 | 100 |
| UG | BSc | Part III | 216 | 216 | 100 |
| PG | MA | SEM IV | 36 | 36 | 100 |
| PG | MSc | SEM IV | 107 | 106 | 99.06 |
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.ladybrabourne.com/SSS_LBC

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|---------------------------|----------|---|------------------------|---------------------------------|
| Major Projects | 1095 | WBDST | 1270000 | 456400 |
| Major Projects | 1095 | WBDST | 1165000 | 437400 |
| Major Projects | 1095 | DST-SERB | 5794833 | 421200 |
| Major Projects | 1095 | SCIENCE AND TECHNOLOGY AND BIO TECHNOLOGY | 1110258 | 436858 |
| View File | | | | |

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|--|-------------------|------------|
| DBT Star College sponsored Training Program | Chemistry | 13/09/2019 |
| A DBT sponsored training program for the non-teaching staff of the Department on Vermicomposting | Zoology | 04/01/2020 |
| DBT Sponsored Faculty Improvement Programme on '16S rRNA Analysis for Identification of Bacterial Strain'. Resource Person was Dr. Prosun Tribedi, Faculty, The Neotia University. | Microbiology | 08/01/2020 |

| | | |
|---|---------------------|-------------------|
| <p>DBT sponsored Workshop on Reverse-Transcriptase PCR. Resource person: Dr. Soumi Guha Polley, Assistant Professor, Dept. Of Microbiology, Lady Brabourne College</p> | <p>Microbiology</p> | <p>27/01/2020</p> |
| <p>A special talk entitled "A Glimpse of the Laser and its impact on mankind" by Dr. Dhruba Jyoti Biswas, Raja Ramanna Fellow, Former Head, Laser Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai</p> | <p>Physics</p> | <p>09/01/2020</p> |
| <p>A DBT sponsored Training Program on Handling sophisticated instruments like the He-Ne laser source and how to set up the optical bench to study diffraction and interference phenomena using lasers conducted by the faculty and Sri. Prasanta Nandi, form</p> | <p>Physics</p> | <p>07/02/2020</p> |
| <p>A DBT sponsored seminar on Cancer bioinformatics. Resource person: Dr Saikat Chakraborti, Principal Scientist, Structural Biology and Bioinformatics, IICB and Dr. Sayak Ganguli, Assistant Professor, Department of Biotechnology, St Xaviers College (A</p> | <p>Botany</p> | <p>16/01/2020</p> |
| <p>A DBT sponsored outreach program for College teachers and students on Biodiversity and Ecosystem Service by Prof. Parthiba Basu, (Smithsonian Fellow, Ecole Normale Superieure) Professor, Department of Zoology, University of Calcutta</p> | <p>Zoology</p> | <p>23/09/2019</p> |
| <p>A DBT sponsored departmental workshop on Use of GPS to map plants and animals by Prof. Amal Kumar Mondal, Department</p> | <p>Zoology</p> | <p>16/11/2019</p> |

| | | |
|---|--------------|------------|
| of Botany and Forestry, Vidyasagar University, Midnapore, West Bengal and Ayan Naskar, Research Scholar, Department of Botany and F | | |
| DBT Star College sponsored Non teaching staff training programme for Manpower Development. Miss Keya Halder, Laboratory Attendant was given training in Weighing in digital Balance, preparation of Culture Media and Inoculation in the Laminar Air Flow. | Microbiology | 06/12/2019 |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|--|---|--|---------------|----------|
| Reaching out to Covid and Amphan affected people by distributing food and other commodities (felicitated by BCCI president and Ex-Indian Captain Sourav Ganguly for service to the society) | Briti Kar | SANKALP | 19/06/2020 | Student |
| Volunteering for the collection of nasopharyngeal and oropharyngeal swabs from Covid suspected and positive patients at Peerless Hospital, Kolkata | Susmita Das | Microbiologists Society of India (MSI) | 28/05/2020 | Student |
| Fund raising and charity to the distressed during Amphan cyclone disaster and Covid-19 pandemic | Sroyita Majumdar (Manager), Srestha Ghosh (Intern), Bijita Bhowmick (Intern), Nabamita Dey | Lions Club of Kolkata | 23/04/2020 | Students |

(Intern),
Susmita Das
(Intern),
Priyanti
Chakraborty (
Intern),
Srijani Dey
(Intern),
Ankita Samanta
(Intern).

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
| NIL | NIL | NIL | NIL | NIL | 01/07/2020 |
| No file uploaded. | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0 | 0 | 0 |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Geography | 1 |
| Persian | 1 |
| political science | 1 |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|--------------|-----------------------|--------------------------------|
| International | Statistics | 1 | 0 |
| International | Physics | 5 | 2.89 |
| International | Microbiology | 5 | 3.53 |
| National | Botany | 1 | 3.22 |
| International | Botany | 4 | 10 |
| International | Economics | 2 | 0 |
| National | English | 1 | 0 |
| International | Zoology | 3 | 0.9 |
| International | Mathematics | 5 | 0 |
| National | Sanskrit | 2 | 5.5 |

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|------------|-----------------------|
| English | 7 |

| | |
|---------------------------|---|
| Urdu | 1 |
| History | 4 |
| Philosophy | 1 |
| Microbiology | 8 |
| Zoology | 1 |
| Chemistry | 1 |
| Political Science | 2 |
| Principal | 1 |
| Bengali | 1 |
| View File | |

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--|--|--|---------------------|----------------|---|---|
| comprehensive and comparative study on the action of pentacyclic triterpenoids on Vibrio cholerae biofilms | Sudipta Paul Bhattacharya | Microbial Pathogenesis, 149, 104493 | 2020 | 0 | Lady Brabourne College | Nil |
| Augmentation of antioxidant potential of in vitro propagated Mentha piperita L. | Bidisha Mallick Suchita Sinha Debleena Roy | Indian journal of Experimental Biology | 2020 | 0 | Lady Brabourne College | Nil |
| In vitro clonal propagation, organogenesis and somatic embryogenesis in Bacopa monnieri (L.) Wettst | Bidisha Mallick and Debleena Roy | Plant science Today | 2019 | 0 | Lady Brabourne College | Nil |
| Impact of multiv | Moutushi Chatterjee | Communications in | 2019 | 0 | Lady Brabourne | Nil |

| riate normality assumption on multivariate process capability indices | | Statistics : Case Studies, Data Analysis and Applications | | | College | |
|---|---|---|------|---|------------------------|-----|
| Hartree-Fock-Bogoliubov calculation of r-process nuclei around A130 | Sameena Murtaza | Journal of Physics through Computation (JPC) | 2019 | 0 | Lady Brabourne College | Nil |
| Monte Carlo study with reweighting of uniaxial nematic liquid crystals composed of biaxial molecules | Sudeshna DasGupta | Physical Review E | 2019 | 0 | Lady Brabourne College | Nil |
| Screening of Chromium tolerance potential of few weeds of Kolkata and assessment of Phytoextraction efficiency (ACCEPTED) | Dr. Suparna Pal | Pollution Research | 2020 | 0 | Lady Brabourne College | Nil |
| Insights into rhizospheric bacterial abundance of <i>Bruguiera gymnorhiza</i> (L.) Lam. from the Indian Sunderbans | Suchita SinhaDebleenaRoy, Rajat Banerjee, Bidisha Mallick | J. Environ. Sociobiol. : 17(1) : 83-87 | 2020 | 0 | Lady Brabourne College | Nil |
| Inhibition | Aparna Sen | Archives of Microbi | 2019 | 0 | Lady Brabourne | Nil |

| | | | | | | |
|---|------------------|--|------|---|------------------------|-----|
| of biofilm formation of Pseudomonas aeruginosa by caffeine: a potential approach for sustainable management of biofilm | | ology (Springer) Online | | | College | |
| In vitro free radical scavenging activities of aerial parts' aqueous extract and extract fractions of Ampelocissus latifolia (Roxb.) Planch. in relation to total phenolics | Anwesa Chaudhuri | J. King Saud Univ. Sci., 2020 Volume 32, Page No. 732- 739 | 2020 | 0 | Lady Brabourne College | Nil |

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|--|------------------|-------------------------------|---------------------|---------|---|---|
| In vitro free radical scavenging activities of aerial parts' aqueous extract and extract fractions of Ampelocissus latifolia (Roxb.) | Anwesa Chaudhuri | J. King Saud Univ. Sci., 2020 | 2020 | 27 | Nil | Lady Brabourne College |

| | | | | | | |
|--|--|--|------|-----|-----|------------------------|
| Planch. in relation to total phenolics and flavonoid contents | | | | | | |
| Screening of Chromium tolerance potential of few weeds of Kolkata and assessment of Phytoextraction efficiency (ACEPTED) | Dr. Suparna Pal | Pollution Research | 2020 | 21 | Nil | Lady Brabourne College |
| Augmentation of antioxidant potential of in vitro propagated Mentha piperita L. | Bidisha Mallick Suchita Sinha Debleena Roy | Indian journal of Experimental Biology | 2020 | 67 | Nil | Lady Brabourne College |
| In vitro clonal propagation, organogenesis and somatic embryogenesis in Bacopa monnieri (L.) Wettst | Bidisha Mallick and Debleena Roy | Plant science Today | 2019 | 2 | Nil | Lady Brabourne College |
| Monte Carlo study with reweighting of uniaxial nematic liquid crystals composed of biaxial molecules | Sudeshna DasGupta | Physical Review E | 2019 | 190 | Nil | Lady Brabourne College |

| | | | | | | |
|--|---|---|------|----|-----|------------------------|
| Impact of multivariate normality assumption on multivariate process capability indices | Moutushi Chatterjee | Communications in Statistics : Case Studies, Data Analysis and Applications | 2019 | 3 | Nil | Lady Brabourne College |
| Insights into rhizospheric bacterial abundance of <i>Bruguiera gymnorhiza</i> (L.) Lam. from the Indian Sunderbans | Suchita SinhaDebleenaRoy, Bidisha Mallick | J. Environ. Sociobiol. : 17(1) : 83-87 | 2020 | 37 | Nil | Lady Brabourne College |
| Inhibition of biofilm formation of <i>Pseudomonas aeruginosa</i> by caffeine: a potential approach for sustainable management of biofilm | Aparna Sen | Archives of Microbiology (Springer) Online | 2019 | 2 | Nil | Lady Brabourne College |
| A comprehensive and comparative study on the action of pentacyclic triterpenoids on <i>Vibrio cholerae</i> biofilms | Sudipta Paul Bhattacharya | Microbial Pathogenesis, 149, 104493 | 2020 | 67 | Nil | Lady Brabourne College |
| Quorum quenching activity of pentacyclic triterpenoids leads to | Sudipta Paul Bhattacharya | Biofouling, In Press | 2020 | 81 | Nil | Lady Brabourne College |

| | | | | | |
|--|--|--|--|--|--|
| inhibition of biofilm formation by Acinetobacter baumannii | | | | | |
| View File | | | | | |

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 41 | 56 | 79 | 19 |
| Presented papers | 35 | 24 | 13 | Nil |
| Resource persons | 7 | 7 | 10 | 1 |
| View File | | | | |

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|--|--|--|--|
| A campaign for cloth distribution among pavement dwellers was carried out on 14.09.2019. | NSS | 8 | 146 |
| Campus Cleaning Programme was undertaken on 13.08.2019. | NSS | 3 | 52 |
| The volunteers of NSS Unit - I and II have celebrated Yoga Divas on 21.06.2019 | NSS | 4 | 36 |
| View File | | | |

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|--|---|--------------------------------|------------------------------|
| The butterfly garden in the hostel campus as part of a UGC-Major Research Project [Ref. No. F.No. 41-56/2012 (SR) dt. 13.7.12] under Dr. | Ananda Bazar Patrika Newspaper Link: https://www.anandabazar.com/calcutta/student-s-lady-brabourne-college-taking-care-of-their-teacher-s-favouri | Ananda Bazar Patrika Newspaper | 500 |

Anuradha Chaudhuri
of the Department
of Zoology

te-butterfly-
garden-1.1029650

[View File](#)

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activities | Number of students participated in such activities |
|--|---|--|--|--|
| Collection of nasopharyngeal and oropharyngeal swabs from covid suspected and positive patients at Peerless Hospital, Kolkata | Microbiologists Society of India (MSI) in Collaboration with Peerless Hospital, Kolkata | Volunteering for the collection of nasopharyngeal and oropharyngeal swabs from covid suspected and positive patients at Peerless Hospital, Kolkata, from 28th May, 2020. | Nil | 1 |
| "Annapurnar Oddhaye" (a Social Experiment against hunger) | Welfare Association "Anubhooti" | Distributing Food to pavement Dwellers under the Covid Pandemic situation | Nil | 19 |
| Organizing a Senior Sports Event | Welfare Association "Anubhooti" organized, monitored and funded by students of Sociology working for under privileged children and the neglected elderly people | Sports for senior citizens | Nil | 19 |
| Online PR work in association with Lions Club of Kolkata for fund raising and charity to the distressed during Amphan cyclone disaster and | Lions Club of Kolkata | Fund raising and charity to the distressed during Amphan cyclone disaster and Covid-19 pandemic | Nil | 8 |

| | | | | |
|--|---|--|-----|-----|
| Covid-19 pandemic | | | | |
| "Bandhan" | Welfare Association "Anubhooti" organized, monitored and funded by students of Sociology working for under privileged children and the neglected elderly people | Visit to an Old Age Home in Tollygunj, Kolkata and celebrate "Bhai Phota" with its members | Nil | 19 |
| Durga Sahay | Welfare Association "Anubhooti" organized, monitored and funded by students of Sociology working for under privileged children and the neglected elderly people | Gifting new clothes to the needy children on the eve of Durga Puja, 2019. | Nil | 19 |
| Demonstration and hands-on-training on experiments prescribed in the theory syllabus (for students of class VIII, IX, X, XI and XII) | In collaboration with District Inspector of Schools, Secondary Education, Howrah, Govt. of West Bengal and Sponsored by DBT-STAR College Program | Outreach Programme for School Children (Nayachak Jadunath High School) | 10 | 15 |
| Orientation and hands-on-training of the teachers on experiments and techniques newly introduced into the CBCS syllabus of Calcutta University | Department of Microbiology, Lady Brabourne College under DBT-STAR College Program | Outreach Program for College Teachers | 6 | Nil |
| Orientation and hands-on- | Department of Zoology, Lady | Outreach Program for | 10 | 60 |

| | | | | |
|---|---|--|-----|----|
| training of the teachers on experiments and techniques newly introduced into the CBCS syllabus of Calcutta University | Brabourne College under DBT-STAR College Program | College Teachers Students | | |
| Preparation of People's Biodiversity Register of two Wards lying within the Kolkata Municipal Corporation Area | Lady Brabourne College in collaboration with Kolkata Municipal Corporation and West Bengal Biodiversity Board | PBR study of Ward No. 6064 of Kolkata Municipal Corporation Area | Nil | 13 |
| View File | | | | |

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| NIL | NIL | NIL | 0 |
| No file uploaded. | | | |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|----------------------|---|---------------|-------------|-------------|
| NIL | NIL | NIL | 01/07/2019 | 30/06/2020 | 0 |
| No file uploaded. | | | | | |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|-------------------|--------------------|--------------------|---|
| NIL | 01/07/2019 | NIL | Nil |
| No file uploaded. | | | |

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| | |

115.23

115.23

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| Classrooms with LCD facilities | Existing |
| Classrooms with Wi-Fi OR LAN | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |

[View File](#)

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---------------------------|--|-------------|--------------------|
| 'KOHA' | Fully | 3.22.09.000 | 2001 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|----------|-------------|-------|-------|----------|
| | | | | | | |
| Text Books | 33077 | 12256542 | 122 | 99000 | 33199 | 12355542 |
| Reference Books | 66278 | 12256541 | 150 | 99000 | 66428 | 12355541 |
| e-Books | 11 | 95817 | Nill | Nill | 11 | 95817 |
| e-Journals | 6328 | 5900 | Nill | 5900 | 6328 | 11800 |
| Digital Database | 46 | 91641 | 7 | Nill | 53 | 91641 |
| CD & Video | 149 | Nill | 9 | Nill | 158 | Nill |
| Library Automation | 10010 | 100000 | 12 | 4248 | 10022 | 104248 |
| Others(s pecify) | 5273 | Nill | 99 | Nill | 5372 | Nill |

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module | Date of launching e- |
|---------------------|--------------------|--------------------------|----------------------|
|---------------------|--------------------|--------------------------|----------------------|

| | | | |
|-------------------|-----|--------------|------------|
| | | is developed | content |
| NIL | NIL | NIL | 01/07/2019 |
| No file uploaded. | | | |

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|--------------|-----------------|--------------|------------|------------------|------------------|----------|-------------|---------------------------------|----------|
| Existing | 338 | 114 | 338 | 246 | 0 | 0 | 0 | 25 | 3 |
| Added | 28 | 6 | 28 | 22 | 0 | 0 | 0 | 0 | 0 |
| Total | 366 | 120 | 366 | 268 | 0 | 0 | 0 | 25 | 3 |

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

| |
|---------------|
| 25 MBPS/ GBPS |
|---------------|

4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| NIL | NIL |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 50.34 | 50.34 | 156.84 | 156.84 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

| |
|--|
| <p>The Institution is fully owned by the Government of West Bengal. Government development grants are one of the major sources for procuring, augmenting educational resources like books, journals, laboratory consumables and library resources. Upon receiving of such grants a meeting is conducted by the Principal with all the Heads and the funds are distributed proportionately. Special grants like RUSA, UGC-CPE, DBT and DST whenever received after evaluative cycles constitute another major means for maintaining, utilizing educational resources and support facilities. The College generates modest resources from self-financing courses and these are used to support some need of the particular courses.</p> <p style="text-align: center;">https://ladybrabourne.com/docs/4.4.2_Procedures_and_policies.pdf</p> |
|--|

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|-------------------|--------------------------|--------------------|------------------|
| Financial Support | Students welfare | 36 | 579750 |

| | | | |
|--------------------------------------|--|-----|---------|
| from institution | fund of Institution | | |
| Financial Support from Other Sources | | | |
| a) National | Different West Bengal State and Central Government Scholarships Central Govt | 554 | 5237700 |
| b) International | NIL | Nil | 0 |
| View File | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|--|-----------------------|-----------------------------|--|
| ICT/Computing Skills(Computer Applications and Multimedia and Animations | 01/07/2019 | 245 | WEBEL |
| Language Communication Skills (Spanish) | 01/07/2019 | 32 | WORLD TRADE CENTRE OF COMMUNICATIONS, KOLKATA (WTCC) |
| Soft Skills (Advertising and Public Relations) | 01/07/2019 | 50 | WEBEL |
| Personal Psychological Counselling | 01/07/2019 | 16 | Dr. Sreemati Biswas (Psychological counsellor) |
| View File | | | |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|---------------------------|--------------------|--|--|--|---------------------------|
| 2019 | Career Counselling | Nil | 298 | Nil | Nil |
| 2020 | Career Counselling | Nil | 188 | Nil | Nil |
| View File | | | | | |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 1 | 1 | 7 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| Techno India Group ITM Business School, Achilles Resolute (MaCoE), MNG Academy, Piramol | 486 | Nil | Nil | Nil | Nil |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|---------------------------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2020 | 267 | See Attached File | See Attached File | See Attached File | See Attached File |
| View File | | | | | |

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|---------------------------|---|
| Any Other | 21 |
| CAT | 2 |
| GRE | 2 |
| TOFEL | 2 |
| NET | 1 |
| GATE | 2 |
| View File | |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|------------------------------------|-----------|------------------------|
| Intra College Cultural Competition | UG and PG | 211 |
| Annual Sports | UG and PG | 273 |
| Annual Function and Reunion | UG and PG | 55 |
| View File | | |

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international

level (award for a team event should be counted as one)

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|---|-------------------------|-----------------------------|-------------------------------|-------------------|------------------------|
| 2019 | TALENT SEARCH CONTEST BY DOVER LANE MUSIC ACADEMY DOVER LANE MUSIC CONFERENCE (3RD PRIZE) | National | Nil | 1 | 031-1211-0225-17 | SHINJINEE BHATTACHARYA |
| 2019 | CENTRE FOR CULTURAL RESOURCES AND TRAINING (UNDER MINISTRY OF CULTURE, GOVT. OF INDIA) | National | Nil | 1 | LBC/PHY-IV/07 | SHRUTIDE |

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

As per government instruction, the College has a Students' Council. Executive Committee of this body is formed through election of interested students who have to file their nominations. In the absence of any political interference the elections take place in a healthy and democratic manner under the supervision of a committee of teachers led by the Chief election Officer, appointed by the Principal. The members of the Students' Council are involved in various activities throughout the year including the Organization of the Orientation Programme for the first year students, Fresher's welcome, Independence Day Celebration, Reunion, Kaleidoscope, Annual sports, Farewell of third year students, Prize distribution, Science Day Celebration, Intra-college Cultural Competition as well as maintaining the cleanliness and general environment of the college campus throughout the year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The primary objectives of the Alumni Association is 1. To promote fellowship and to establish, renew, and maintain contact among old students, old teachers, non-teaching staff of the Lady Brabourne College. 2. To arrange and organize Lectures, Debates, Discussions, Seminars Excursions. 3. To promote and encourage Literary and Cultural activities and Social Services. 4. To carry on the advancement of education in any form. 5. To provide financial and medical relief for the poor and needy students, scholars or old pupils. 6. To help aged, sick, helpless persons connected or associated with Lady Brabourne College. To undertake welfare projects. To provide assistance for study and research at any level, including grant of stipends, scholarships. 7. To raise funds and to collect donations and subscriptions for the purpose of the

society. 8. To acquire ,purchase, take on lease or otherwise any establishment, land, building, and all kinds of movable properties required for the society.To do all acts, deeds, matters and things as may be deemed incidental or conducive to the foregoing objectives. 9. To initiate or assist in initiation of any activities that may directly or indirectly be beneficial to the college and to the students, staff, ex-students, in upholding the tradition of excellence of the Lady Brabourne College, Kolkata. 10. To regularly maintain update a register of ex-students and of the former teachers of the college.

5.4.2 – No. of enrolled Alumni:

264

5.4.3 – Alumni contribution during the year (in Rupees) :

35400

5.4.4 – Meetings/activities organized by Alumni Association :

Activities of the Alumni Association of Lady Brabourne College during 2019-20
5.7.2019: AGM was held. New committee was elected for 3 years (2019-2022)
28.8.2019: Lecture on "Counselling : The problem-solver in life" by Prof. Nilanjana Sanyal followed by an interactive session with the students.
13.9.2019: Social Sub-committee members visited 'Iswar Sankalpa', an NGO for homeless and mentally deranged women to check authenticity. 4.12.2019: Donation of Rs. 25000/- each was made to 'Iswar Sankalpa' and 'Again Nirman', an NGO for child welfare. Mandalika Memorial lecture organized jointly with Deptt. of English and the lecture was delivered by Prof. Samantak Das 23.12.2019: Dipika Chakravarty special prize of Rs. 50000/- each awarded to two students (UG PG) of the Department of Geography. 24.12.2019: Annual Reunion - Fete and Lucky Dip
24.2.2020: Alumni get together organized for fraternity building among members
27.2.2020: Organised Rabindranath Tagore's 'Shapmochan' by Abantipur Om Foundation 22.6.2020: Donation of Rs. 50000/- made to Bharat Sevashram Sangha for the victims of supercyclone Amphan. College garden is maintained throughout the year by the Alumni Association.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

I NIRF Initiation, Sourcing Submission • The Institution started its preparation of understanding the NIRF process by participating as teams led by the Principal in various workshops organized by the Higher Education Department, Government of West Bengal and sensitizing the Faculty in terms of quality Workshops throughout 2018-19. • During 2019-20 the data sourcing teams determined by the Principal, as Chairperson of the IQAC and led by senior members of the IQAC started collecting data in compliance with the NIRF format. Each team functioned as individual units in instance of decentralized and participative management but kept a strong coordinating link through the Nodal Officer, briefing the Principal regularly. • The sourced data was analyzed by select members and in the true spirit of participative management there was lively debate and exchange before arriving at resolutions which were placed before the Principal. After the final assessment where the team members acted as part of the Principal's think-tank the uploading of data took place in November 2019. II Negotiating Administrative and Academic Challenges in the 'New Normal' of COVID 19 • The Institution overcame its early setback due to the lockdown by setting about devising strategies for managing the affairs of the institution especially teaching and learning from July 2020. • Each department set up G meets partly using the G suit package of the College and

also using own data packs to set up Google classrooms and other e-platforms. Departments kept the Principal duly informed but determined their own course of action to best address the needs of their discipline. • Different units like the IQAC, the Library, the Women's Studies Centre and the individual departments began using the new e-platforms and conducting mentoring sessions, academic enrichment session, awareness programmes in earnest throughout the year. • The Principal on a different level set up a communication link through e mail and WhatsApp so that all members of the Faculty became linked in an internal web. Meetings began to be conducted and strategies for admission (already an online process from before), fees structure re-organizing with view to the Covid 19 situation, examination processing, website management, infrastructural management etc were set afoot. • This effort and its success underline that the institution has a well entrenched system of decentralized and participative management in its functioning. • In a very difficult year with no precedence of total use of e-resources each Faculty and Office staff showed initiative and innovative skill, combining individuality with team work in the true spirit of decentralized and participative management.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|--------------------------------------|--|
| 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. 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. The follows the directives of University of Calcutta and Govt. of West Bengal. |
| Industry Interaction / Collaboration | Students from different departments visit industry or research institutes as a part of their project work. |
| Human Resource Management | a) 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. b) 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.

Library, ICT and Physical
Infrastructure / Instrumentation

The following Library, ICT and infrastructural facilities are available in our College during college hours and in some cases beyond college hours:

- 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 NLIST programme (conducted by INFLIBNET) since 2011. E-journals and e-books can be availed by this programme. 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.
- OPEN source Library Software 'KOHA' has been introduced. Presently 'KOHA', the open source software compatible with Z39.50, has been installed in our library for automation.
- OPAC (On-line Public Access Catalogue) are used by the student and faculty members along with the traditional library catalogue.
- Both the main and the annexe libraries are fully air-conditioned including stacks.
- It has also created an 'Institutional Repository' with publications of our teaching faculty.
- The Library altered and extended its working hours from 8.30 AM to 5.30 PM to offer better library access to students and teachers of the College.
- Library Automation introducing Self-Touch Kiosk, Book-Drop Box, Gate, Hand-Held Reader etc
- Wide Area Network (WAN) installed in the College (including extended campus) during 2012-13 is providing an efficient, high speed, campus wide intranet with secure internet accessibility. Since 2015-16, Internet connectivity has been extended into a 15 Mbps leased line.
- Extension of the network of the campus to Roma Chaudhuri Building by Fibre Optic Connection from Principal's Office. Upgradation of the already existing internet line of 15 Mbps bandwidth to a bandwidth of 25Mbps.

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. . 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, Ithihaas 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.

Examination and Evaluation

The college is affiliated to the University of Calcutta and follows its curricula and Examination guidelines.CBCS curricula require Internal Assessment examinations designed by the Board of Studies of different disciplines.

Teaching and Learning

Different Teaching and Learning methods have been adopted as described in the following: a) Teaching aids: 1) Black board, chalk and duster 2) Ancient Indian Map used by Dept. of Geog. And Hiostory. 3) Overhead and LCD Projector 4) Computer with Internet facility 5) Smart Board 6) GPS 13 (Geographical Positioning System) - used by Dept. of Geography 7) Structural Model for illustrating the three dimensional molecular structure of organic compounds.- used by Dept. of Chemistry. 8) Phoenix Box Kit used for simulation of different laboratory based experiments in Dept. of Physics. 9) Audio -visual aids e.g. DVDs and CDs. b) Assessment : UG - 1. Monthly

Test 2. Midterm Examination 3. Selection test PG -1.Semester Examination 2.Dissertation Evaluation 3.Viva Voce 4.Interactive Session 5.Project Presentation Lecture 6.Seminar defence c) Remedial/Tutorial classes: 1.Remedial classes for minority students 2. Tutorial classes for advanced learners. 3. Tutorial classes for weak students 4. Special Tutorial Classes for JAM d) Science departments (Physics, Chemistry, Botany,Zoology and Microbiology) organised faculty improvement programme. e) Seminar: Science and arts departments organised seminars funded by Institution,UGC,DBT. f) Workshops: Different workshops are organized by different Arts and Science departments time to time sponsored by institution, UGC or DBT.

Curriculum Development

The college is affiliated to the University of Calcutta and follows its curricula and Examination guidelines. CBCS curricula require Internal Assessment examinations designed by the Board of Studies of different disciplines. The college has been consistently designing its teaching methodology to cater to the new curricula and examination process. Short class tests are conducted to make students aware of the new semester examination modules. Institute 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. • 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 eresources 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.

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area | Details |
|---------------------------------|--|
| <p>Planning and Development</p> | <p>The On-line Self Appraisal Report filling up and submission mechanism introduced by WBIFMS and managed by its appointed vendor is an e-governance initiative in which Lady Brabourne College actively engaged itself and thus entered into the zone of real-time e-governance. Wide Area Network (WAN) installed in the College (including extended campus) during 2012-13 is providing an efficient, high speed, campus wide intranet with secure internet accessibility. Development of a well organized database management system to manage the database of the department is an e-governance initiative taken by the Department of Botany.</p> |
| <p>Administration</p> | <p>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.</p> |
| <p>Finance and Accounts</p> | <p>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 up gradation of this software has also been done. WBIFMS (West Bengal Integrated Finance Management System) is a web portal of the Government of West Bengal for the real time management, monitoring and control of all fund allocations and financial transactions in different government departments. From 2013-14,</p> |

we are using e-Pradan (e-Payment) module of IFMS for different payment transactions using DDOs DSC (Digital Signature Certificate). Since 2016, we are using the sub-module HRMS-IFMS for implementation of Pay Roll Processing etc. We have also enrolled our college in Public Finance Monitoring System (PFMS), Govt. of India since 2016-17 to implement different modules like Fund Flow Monitoring, Direct Benefit Transfer DBT, Online payments to different beneficiaries etc.

Student Admission and Support

- The Education Management Software in operation in the pre-CBCS system in some PG departments is an instrument of maintaining student profile, and progression and is integral to academic planning and development. 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. 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.
- Student fees collection scheme through bank (for both undergraduate as well as postgraduate) is successfully implemented using fees management software.
- Lady Brabourne College library has undergone a system migration during this financial year. The Library Advisory Committee has decided unanimously to shift Library Management Information System to a OPEN source Library Software 'KOHA' to make it a standardized one. Presently 'KOHA', the open source software compatible with Z39.50, has been installed in our library for automation. Most of the works involved in this migration process are completed. Rectification of data (which arises due to system migration) are going on.
- OPAC (On-line Public Access Catalogue) are used by the student and faculty members along with the

| | |
|-------------|---|
| | <p>traditional library catalogue. • RFID (Radio Frequency Identification) System in the Lady Brabourne College library has been installed. It includes RFID tags, Integrated Work Station for Tagging, standard Middleware Software, Integration of KOHA with RFID Hardware, RFID Book Drop Box, Self Touch Kiosk, Anti-Theft gate and Hand-held reader. This would make the library management system fully automated.</p> |
| Examination | <p>Examination portal developed by University of Calcutta has been utilized by our college to upload the marks of university examinations. The Examination Data Management Software has been used by some PG departments.</p> |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|-------------------|-----------------|---|---|-------------------|
| 2020 | Nil | Nil | Nil | Nil |
| 2019 | Nil | Nil | Nil | Nil |
| No file uploaded. | | | | |

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|---|---|------------|------------|--|--|
| 2020 | Nil | DBT sponsored Training Program on handling of He-Ne laser source and setting up the optical bench to study diff raction and interf erence phenomena | 07/02/2020 | 07/02/2020 | Nil | 4 |

| | | | | | | |
|------|--|--|------------|------------|-----|-----|
| | | using lasers. They were appraised on the precautions that one should take while handling laser sources | | | | |
| 2019 | Nil | DBT-sponsored Staff Orientation Program for non-teaching laboratory staff of the Department of Chemistry | 13/09/2019 | 13/09/2019 | Nil | 6 |
| 2019 | DBT sponsored Training Program on Biodiversity and Ecosystem Service Resource Person: Prof. Parthiba Basu, (Smithsonian Fellow, Ecole Normale Supérieure) Professor, Department of Zoology, University of Calcutta | Nil | 23/09/2019 | 23/09/2019 | 10 | Nil |
| 2019 | Nil | DBT sponsored Non teaching staff training programme | 06/12/2019 | 06/12/2019 | Nil | 1 |

| | | for Manpower D evelopment . | | | | |
|---------------------------|--|--------------------------------------|------------|------------|----|-----|
| 2020 | DBT Sponsored Faculty Im provement Programme on '16S rRNA Analysis for Identi fication of Bacterial Strain'. | Nil | 08/01/2020 | 08/01/2020 | 6 | Nil |
| 2020 | DBT sponsored Training Program (I ntercolleg e workshop) on Bioinfo rmatics for therap eutic inte rventions | Nil | 16/01/2020 | 16/01/2020 | 20 | Nil |
| 2020 | DBT- sponsored Workshop for College Teachers on Physical Chemistry Practical Syllabus under Calcutta University CBCS Curriculum | Nil | 18/01/2020 | 18/01/2020 | 25 | Nil |
| View File | | | | | | |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|--|------------------------------------|------------|------------|----------|
| UGC-sponsored 75th orientation | 1 | 25/11/2019 | 14/12/2019 | 20 |

| | | | | |
|---|---|------------|------------|----|
| programme conducted by Jadavpur University | | | | |
| UGC--Sponsored Refresher Course at HRDC Jawaharlal Nehru University , New Delhi | 1 | 14/10/2019 | 26/10/2019 | 15 |
| UGC--Sponsored Refresher Course in Geography at HRDC Jawaharlal Nehru University , New Delhi | 1 | 16/09/2019 | 28/09/2019 | 15 |
| UGC sponsored Short Term Course in Counseling Stress Management at HRDC ,(J.U.) | 3 | 12/09/2019 | 18/09/2019 | 7 |
| UGC Sponsored short term course on Disaster Management, University of North Bengal | 1 | 21/08/2019 | 27/08/2019 | 7 |
| A Refresher Course on Non-conventional Energy-A paradigm shift towards sustainability (IDC) | 1 | 06/01/2020 | 18/01/2020 | 13 |
| UGC-Sponsored Refresher Course (Inter-Disciplinary Refresher Course on Disaster Management) at HRDC Jadavpur University, Kolkata | 1 | 03/02/2020 | 15/02/2020 | 13 |
| Empowerment | 1 | 02/06/2020 | 08/06/2020 | 7 |

| | | | | |
|--|---|------------|------------|----|
| in online teaching, learning evaluation for combating Covid-19 Pandemic situation | | | | |
| Online Workshop on Python Computing | 3 | 12/06/2020 | 24/06/2020 | 13 |
| Online Faculty Induction Program (FIP 2.0) organized by Ramanujan College, University of Delhi | 1 | 25/06/2020 | 24/07/2020 | 30 |

[View File](#)

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| Nil | Nil | Nil | Nil |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|---|--|---|
| <ul style="list-style-type: none"> Being a fully government institution all employees enjoy the privilege of Government Health Scheme SasthyaSathi Programme. Loans from GPF very easily made available through single window service of Principal's Office. LTC are available as per WBSR. Medical Leave per year 20 days full pay. Maternity Leave CCL available at Principal's discretion. | <ul style="list-style-type: none"> Being a fully government institution all employees enjoy the privilege of Government Health Scheme Sasthya Sathi Programme. Loans from GPF very easily made available through single window service of Principal's Office. LTC are available as per WBSR. Medical Leave per year 20 days full pay. Maternity Leave CCL available at Principal's discretion. | <ul style="list-style-type: none"> Principal's Welfare Fund, WBMDFC Post Matric Scholarship, West Bengal Govt. Merit Cum Means Scholarship, INSPIRE Scholarship, DPI Half/Full Free Scholarship, Kanyashree Prakalpa etc |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

- The Institution conducts Internal Audits of all internally managed accounts of every financial transaction at the end of every financial year. Each Committee Convener under the Teachers' Council present their accounts and work report to assigned Internal Auditor and face audit reviews.
- Autonomous PG

departments regularly conduct audits. • All grants from agencies such as UGC, DBT, DST, RUSA face audit and inspection by External Auditors and meet all objection and queries. • Government audit is conducted by appointed auditors as and when the Higher Education Department fixes the schedule. • The Principal and selected teachers attend meetings with govt. auditors to satisfy objections raised. All units handling finance has to interact with and satisfy their respective auditors.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---------|
| Nil | 55000 | Prize |
| View File | | |

6.4.3 – Total corpus fund generated

| |
|-------|
| 55000 |
|-------|

6.5 – Internal Quality Assurance System

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

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

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

| |
|--|
| 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. |
|--|

6.5.3 – Development programmes for support staff (at least three)

| |
|--|
| 1. A training program on handling of He- Ne laser source and setting up the optical bench to study diffraction and interference phenomena using lasers. 2. DBT Star College sponsored Non teaching staff training programme for Manpower Development. 3. DBT-sponsored Staff Orientation Program for non-teaching laboratory staff of the Department of Chemistry. |
|--|

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Conducting Academic Audit to assess absorption of new CBCS Curricula across 19 disciplines and both PG and UG programmes. 2. NIRF upload 3. Constructions of lifts for easy access to classrooms 4. Proposal of Academic seminar, workshops and visits 5. Implementation of extension work.

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| c) ISO certification | No |
| d) NBA or any other quality audit | No |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|--|-------------------------|---------------|-------------|------------------------|
| 2019 | Man and Animal in Global Conflict: Awareness Workshop on Environment and Conservation in Collaboration with Director Project Tiger, Buxa Tiger Reserve | 13/09/2019 | 13/09/2019 | 13/09/2019 | 400 |
| 2020 | Activity "Women in Media- A Journey Shared" In collaboration with Media Houses- Bartaman, The Telegraph, Zee 24 Hours, Indulge Web Magazine, Aajkal | 06/03/2020 | 06/03/2020 | 06/03/2020 | 108 |
| 2019 | Academic Audit conducted and report generated. Departments were | 05/08/2019 | 05/08/2019 | 29/08/2019 | 19 |

| | | | | | |
|-------------------|---|------------|------------|------------|----|
| | summoned for Group Discussion with the Principal given directives | | | | |
| 2020 | Participated in NIRF and ranked 94 on a national scale | 27/11/2019 | 27/11/2019 | 27/11/2019 | 19 |
| No file uploaded. | | | | | |

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|---|-------------|------------|------------------------|------|
| | | | Female | Male |
| International Women's Day Foundation Day was celebrated by the Women's Studies Centre by organizing an Awareness Gender Sensitization Programme | 07/03/2020 | 07/03/2020 | 90 | Nil |
| 'Women in Media - A Journey Shared' - a Panel Discussion with women journalists of leading media houses of Kolkata organized by the IQAC of the college | 06/03/2020 | 06/03/2020 | 78 | Nil |
| 'Gandhi and Women' International Seminar with lectures by Prof. Geraldine Forbes, distinguished | 10/01/2020 | 10/01/2020 | 83 | Nil |

| | | | | |
|---|------------|------------|----|-----|
| teaching Professor Emerita, Deptt of History, State University of New York, Oswego on "Gandhi and Sarala Devi: Lost Letters and Women's History | | | | |
| The Women's Studies Centre celebrated the Bicentenary of Pandit Ishwar Chandra Vidyasagar. | 27/09/2019 | 27/09/2019 | 87 | Nil |
| An awareness programme on Women's Health and Hygiene was organized by the WSC in collaboration with the Bengal Obstetric & Gynaecological Society | 23/09/2019 | 23/09/2019 | 77 | Nil |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Solar Power Project Implementation in Collaboration with WBREDA (A Green energy Initiative of Lady Brabourne College) Lady Brabourne College has taken up a project to make a humble beginning in utilizing nature's gift of solar energy in meeting ever increasing demand of electricity to some extent. Under this project, in February, 2016, solar panels of 1kWp capacity had been installed on the roof top of the main building at the college campus in collaboration with West Bengal Renewable Energy Development Agency, Govt. of West Bengal. In October, 2018, we have installed a Grid Connected Rooftop Solar Photovoltaic system (GRTSPV) having capacity 17.5 kWp using the fund received under CPE phase II scheme. This project has been implemented in our college under the active supervision of Department of Physics. The Grid Connected Rooftop Solar Photovoltaic System with capacity 17.5 kWp has been connected to an existing electricity line having maximum power consumption in our college. At present the system is running successfully and the electricity bill has been reduced significantly. In this context it may also be pointed out that so far our Renewable Energy Source i.e. Solar Photovoltaic system has met 6 of the total power requirement of our college. 'Rain Water Harvesting System' is running successfully at the college campus by the Department of Botany in collaboration with the State Water Investigation Directorate, Govt. of West Bengal. Initially, rain water was collected from the roof of the Main Building and the New Science Building but later the newly constructed Roma Chaudhuri Memorial building is also included in this project. By the current project 30 lakh 25 thousand litre of water is being recharged into the ground level per year. To

uphold 'Clean Campus Green Campus' campaign, Kolkata Police has kindly agreed to cover a prominent part of the boundary wall of our college.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|--|--------|-------------------------|
| Any other similar facility | Yes | 1 |
| Physical facilities | Yes | 1714 |
| Provision for lift | No | Nil |
| Ramp/Rails | Yes | 1714 |
| Braille Software/facilities | No | Nil |
| Rest Rooms | Yes | 1714 |
| Scribes for examination | No | Nil |
| Special skill development for differently abled students | No | Nil |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|--|--|------------|----------|--------------------|---|--|
| 2019 | 1 | 1 | 01/07/2019 | 260 | Night School | Students of NSS staying in the College Hostel volunteer to teach in education programmes through a night school run in the Hostel premises for street children from the adjoining areas five days | 30 |

a week from 5-7 pm. This provides the students a scope f

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|--------------------|---------------------|---|
| College Prospectus | 15/06/2020 | The college prospectus includes a code of conduct guideline to be followed by the students. The teaching and nonteaching staff , being state government employees, are governed by the rules and regulations stated in the West Bengal Service Rules (WBSR) |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---|---------------|-------------|------------------------|
| As part of the IQAC initiative on Environmental Awareness, a one-day Value Education seminar was organised on 'Man and Animal Conflict - A Global Scenario' on 13th September, 2019. Subhankar Sengupta, Field Director, Tiger Project, Govt. of India, s | 13/09/2019 | 13/09/2019 | 85 |
| Orientation Programme for all first year students (Arts Science) | 02/08/2019 | 02/08/2019 | 452 |

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Students, staff using a) Bicycles b) Public Transport c) Pedestrian friendly roads • Plastic-free campus • Green landscaping with trees and plants • Solar Energy Conservation • Rain Water Harvesting System, Waste Recycling System, Solid waste management system

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices: 1. Title: Lunch Box 1. Objectives of the Practice: Lunch Box aims at ensuring cooked nutritious mid-day meals to the economically challenged students of the college on full working days. The institution considers it as part of its social responsibility to provide adequate nutrition to the socially and economically marginalised students so that they may carry on their academic pursuits without hindrance. 2. The Context: The Mid Day Meal scheme run by the Government of India has proved to be highly beneficial at the school level. Moreover, in the Indian context malnutrition of the girl-child is a major issue in rural as well as urban areas. As the college offers opportunities of higher education to students from all socio-economic classes, it is only natural that a section of its students who belong to the less privileged section of society, find it difficult to pay for and avail of nutritious meals in the middle of a working day. Keeping in mind the needs of these pupils, and taking the Mid Day Meal scheme as a point of reference, the college has introduced the Best Practice titled "Lunch Box". Under the scheme underprivileged students can enroll themselves to avail of lunch during full working days. 3. The Practice: "Lunch Box" was initiated as a best practice to aid willing underprivileged students by providing them nutritious lunch free of cost. The institution has an established practice of aiding financially disadvantaged students through its Students Welfare Committee. The Committee annually calls for applications from interested students. Students are selected for financial aid on the basis of an interview and verification of supporting documents. Aid is offered in the form of waiver of tuition fees, purchase of text books and other educational equipments. However, the college has recognised the need for adequate nutrition of these students. Hence the "Lunch Box" facility has now been introduced. The scheme is being financed through the contribution of the teaching staff of the college. This is a unique endeavour in the context of higher education which aims to address the overall well being of a student, as academic progress is inextricably linked to nutritional health. 4. Evidence of Success: Lunch Box is a successfully running practice which caters to approximately 40 economically challenged students daily. The regular attendance of the students in this programme indicates its viability and success. 5. Problems Encountered and Resources Required: Considering the nutrition profile of India, providing daily nutritious food to students is a necessary and relevant step. However, to reach out to a larger section of students requires a substantial fund which is not possible without external sponsorship. Due to limited resources the college has currently chosen only the economically marginalised students as beneficiaries of this scheme. The college hopes to extend this facility to include more candidates and is looking for options of extensive sponsorship for the same.

2. Title: People's Biodiversity Register (PBR) of Kolkata: A Case Study of Ward No 60 Objectives of the Practice: National Biological Diversity Act of India (2002) mandates that local knowledge of biodiversity be registered in a national database, called the People's Biodiversity Register (PBR). So, one of the mandates of the Biodiversity Board is to prepare Biodiversity Registers not only by local people but also by school/college teachers and students. Preparation of Biodiversity Register is an attempt to realize the biodiversity at each Local level. Identification of biological resources and documentation is one of the prerequisites for the Register preparation which can lead to new discoveries and development of new commercial products, patenting of such products, equitable distribution of benefits, if any, and through this, paving the way for a new economic order in the country through biodiversity conservation. Lady Brabourne College has adopted this practice in order to document, monitor and provide information for sustainable management of local biodiversity resources. The Context: PBR is a register with names of species and their distribution in a given area. It is a comprehensive data base that record people's traditional knowledge and insight of the status, uses, history, ongoing changes and forces driving these changes on the biological diversity resources of their own localities. Biodiversity registers are being prepared

with the help of the local people and hence referred as People's Biodiversity Register. It provides information on the current utilization patterns of biodiversity and its economic benefits to the local people. Lady Brabourne College is acting as the environmental mentor of entire Ward Number 60 of Kolkata Municipal Corporation. On behalf of the college Post Graduate Department of Geography, Lady Brabourne College has conducted sample survey of biotic resources, thrive in ward no 60, located in Kolkata Corporation area.

Students of M Sc Semester II and IV of the Department of Geography, of Lady Brabourne College have done primary survey of ward No 60 in 1st week of March 2020 to prepare a PBR of the ward of Kolkata Municipal Corporation. Entire work is done under the supervision of Dr Manasi De, Associate Professor Head of the Department of Geography, Lady Brabourne College. The Practice: Park Circus area is located into the ward No 60, which is densely populated area of Kolkata.

More than 38 of the total population is economically backward. Though it is thickly populated area but importance of this ward is high as it is furnished with different educational and health care institutions like National Medical College and Hospital, Aliah University and Lady Brabourne College. Primary survey is undergone in that areas which are restored some of the vegetative communities, where faunal species can thrive. As a result the primary survey is conducted at Lady Brabourne college campus, hostel campus of the college, Aliah University campus and extended work is done in the adjoining Park Circus Maidan which is located into Ward No 64 of the city of Kolkata. The studies covers an area of 26,999 sq m. of ward no 60 and 39,539 sq m. area of ward no 64 of ward no 64. Primary survey is conducted for the identification of the trees, canopy measurements, height measurements, GPS survey, and also Questionnaire survey into the local people to understand the level of perception on the importance of biodiversity, their involvement in the biodiversity conservation measures, raring of animals and so on. Park Circus market is also surveyed to identify the nature and sources of biotic commodities (Living/ nonliving) sell everyday from the market. Evidence of Success: A preliminary Report on PBR has already been submitted to the West Bengal Biodiversity Board. Problems Encountered and Resources Required: Problems are as follows: a) . A long period of a day the areas, studied are remained busy by the academic activities. The faunal species, those are may live in the educational campuses are flew to other areas and they are remained absent from the field study areas from morning to evening in a day. Apart from a few birds no other animal species are detected in the time of primary survey. b). Shortage of time to conduct the survey properly c). Shortage of man power d) Specialization is needed to identify the biotic species correctly e) No fund is allotted to conduct the survey properly.

Resources Required: Specialized Professionals, workers and funds are necessary to conduct a survey on Peoples Biodiversity Report successfully.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.ladybrabourne.com/AOARNEW/AOAR2019-20/BestPractices2019-20>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institution was established with a vision to facilitate emancipation of women from the minority communities through higher education. Through the years, the College has adopted and implemented various measures to cater to the changing needs of young women in this respect. It has a thriving Women's Studies Center, organizes Value Education seminars, gender sensitization workshops and physical education classes and a psychological counseling cell on the one hand, and on the other, has an active Career Counseling Cell and offers Diploma Courses outside the university curriculum in Spanish, Multimedia and

Animation, Public Relations and Advertising and Computer Applications to make its students better equipped to enter the professional arena in the future. Apart from stressing on intellectual growth, physical fitness is also seen as crucial to women's development. The institution through its well equipped gymnasium, yoga classes, and karate classes ensures that this very important aspect of the growth of young women is not overlooked. Traditionally, the college has placed equal stress on academic as well as extracurricular activities. Every year, cultural competitions are organized which include competitions in debating, elocution, poster making, dance and singing in which enthusiastic and inclusive participation is encouraged. Besides, the college holds an annual cultural program on its prize giving day, where a full fledged cultural program is put up by the students to showcase their budding talents in the arts. Good performance in any sphere is acknowledged and encouraged through the elaborate and extensive system of prizes the college has. There are prizes not only for academic performance but also for performance in other fields to encourage students to strive for excellence in whatever they do. Women's education ultimately is not for women alone, but aims at putting women at the frontier of social change. To that end the institution has introduced various novel initiatives to increase social awareness among its students. The students are encouraged not only to think of individual development but also collective progress. NSS campaigns, Night School for less privileged children of the locality, cleaning initiatives in the nearby areas, initiatives for environmental awareness and a green and clean premises and locality are an important part of the holistic training the college imparts to its students. Tireless striving for excellence in all spheres, self respect, self sufficiency, discipline and social responsibility are the principal values the college wishes to inculcate in its students. It aspires to prepare strong, capable women who would be assets to the society and the nation, and who would further transmit these values to the future generations.

Provide the weblink of the institution

https://ladybrabourne.com/docs/7.3.1_VISION_MISSION_PRIORITY_AND_THRUST.pdf

8.Future Plans of Actions for Next Academic Year

Future Plans of action for next academic year • The Institution aims to enhance its involvement in rendering assistance to economically challenged students. It will invigorate its attempts to motivate the Alumni, philanthropists, NGOs to be part of schemes to subsidize needy and meritorious students by providing support in tuition fees and nutritious diet. In a post Covid 19 scenario the primary stakeholder must be given all out aid to overcome any disadvantage she may have suffered during the prolonged closure of academic institutions. • It will plan and execute more regular intense sanitization drives and upgrade its drinking water system so that students are able to pursue their intellectual aspirations in an advanced hygienic environment. • The Institution plans to make its Career Counselling Cell more pro-active and look around for opportunities in applied sectors for the average learners who prefer an early induction in the job market due to family demand. The number of Career-oriented add-on courses needs to be increased with a greater emphasis to the need of those who opt for early entry to job markets. • The Institution may explore opportunities to promote PhD guidance by setting up administrative level meetings with affiliating University and motivate its Faculty towards this end. • The Institution aims to streamline its data management system and widen the scope of ERP solutions and make an early start towards this long term aim in the forthcoming year. • The Institution will complete and publish its heritage and achievements in the form of a pictorial record of a Coffee Table Book.