

Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution:

Lakhimpur Girls College

Year of Report:

2007-08

Part A: The plan of Action by IQAC towards quality enhancement by July 2007:

1. Continuation of UGC Remedial Coaching for ST / SC and Minority students and coaching for entry into services for students belonging to minority community and continuing the Career Oriented Programmes.
2. Issue of circular for NAAC sponsored National Seminar on “Best Practices and Promotion” to be held on 25th & 26th December 2007.
3. Issue of circular for UGC sponsored National Seminar on “RECENT ASPECTS IN ENVIRONMENTAL SCIENCES” to be held on 12th & 13th September 2007.
4. In-house Seminars by all Departments.
5. Field works & Educational Tours by the Departments for feedback to students.
6. Celebration of Hindi Divas by the Department of Hindi.
7. Finalisation of syllabus of Major course by the Department of Home Science for Approval of Dibrugarh University.
8. Submission of proposals to UGC for Extension of Hostel buildings.
9. Submission of proposals for DST under Prime Minister’s Special Package to the North East.
10. Submission of proposals for Convergence Course under IGNOU.
11. Submission of TA proposals to DBT through Dibrugarh University.
12. Submission of proposals for K.K. Handique Open University Centre.
13. Submission of proposals for Block Technology Centre under Deputy Commissioner, Lakhimpur.
14. Acceptance of alteration of college uniform to churidar.

15. Continuation of adoption of Student Charter.

Outcome Achieved by JULY 2008:

1. Remedial Coaching Classes for students belonging to SC / ST, Minority Communities and coaching for Entry into Services for students of Minority Communities Conducted for the year 2007-08.
2. (a) Students of Six career Oriented Programmes in Applied Psychology, Translation Proficiency, Food and Nutrition, Information and Computer Technology, Sericulture and Fishery introduced in 2004 appeared certificate and diploma examinations
(b) Students of Music and Fine Arts appeared Annual Examinations.
3. 40 in house seminars by various departments were organized.
4. Field works by the departments of Anthropology, Home Science, Botany, Education, Geography, English, Zoology, Environmental Science and History have been organized throughout the year.
5. The College being shortlisted by the UGC for conferment of Autonomous College Status is under process.
6. Major Courses introduced in the departments of Home Science.
7. The college received UGC financial assistance under special scheme for construction of Women Hostel during 11th plan period.
8. A workshop was held on Yogasana, Meditation of physical exercise organized by the students.
9. Flood relief provided by the college in the month of September 2007 in panigaon area.
10. Department of Mathematics, Lakhimpur Girls' College and Assam Academy of Mathematics jointly organized a one day training camp for Mathematics, Olympiad on 19th August 2007.

11. DST proposal of the college has been accepted and enlisted among 50 colleges of North East for financial support Prime Minister's Special Package to the North East.

Part B: Activities relating the goals and objectives of the Institution:

1. The Career – oriented courses, remedial, coaching programmes, training camps, physical education programmes and workshop organized for fulfilling the institutional goals / objectives for uplifting the students standard and providing them self sustenance.
2. **New academic programmes initiated (UG and PG)** – B. Mus., M. Mus., career oriented courses Remedial Coaching and Major (Honors) courses in Anthropology and Geography.
3. **Innovations in circular design and transaction.** Inter – disciplinary curricular in the carrier oriented programmes have been designed by the coordinators of concerned programmes.
4. **Inter – disciplinary programmes started:** Six career oriented programmes: Advanced Psychology, Translation proficiency, Food and Nutrition, Information and Computer Technology, Sericulture and Fishery.
5. **Examinations reforms implemented:** Regular Unit Tests, Group Discussion, In house Seminars, assignments for home works etc.
6. **Candidates Qualified: NET / SLET / GATE etc** – NIL.
7. **Total No of seminars / Workshops conducted:** National level – Three, In house – Thirty.

8. Research Projects:

(a) Newly Implemented: UGC sponsored minor research projects for 10th plan as on 31st July 2008.

Sl. No.	Names of Teachers	Department	Subject	Amount
1.	Dr. Manoranjan Pandit	Political Science	Impact of Immigrants on the politics of Assam.	Rs. 45,000/-
2.	Dr. H. M. A. Shahid	Geography	Surface runoff and ground water level fluctuation and its impact on human habitat on lower Ranga River Basin Assam	Rs. 65,000/-
3.	Ms. Bornali Phukan	History	Historical writings of Benudhar Sarmah – A Study.	Rs. 65,000/-
4.	Dr. Bubul Saikia	Mathematics	Students Evaluation using Fuzzy Soft Set Theory and intuitionistic Fuzzy soft set theory	Rs. 65,000/-

(b) Completed:

UGC sponsored projects for 9th plan

Sl. NO	Names of Teachers	Department	Subject	Amount
1.	Mr. Lohit Hazarika	Anthropology	Environmental changes affecting the tribals – a case study of Missing tribals of Lakhimpur	Rs. 35,000/-
2.	Mr. K. S. Khandayatray	English	T. S. Eliots influence on Navakanta Boruah	Rs. 50,000/-
3.	Mr. Surajit Bhuyan	Physics	Study on the intersection of a laser beam with the absorption lines of	Rs. 55,000/-

			different molecules	
4.	Dr. Sabita Borah	Zoology	Ethno Zoological aspects of faunas of Lakhimpur Districts of Assam of NE India	Rs. 60,000/-
5.	Dr. Ranjan Kumar	Zoology	Endocrine control of growth, protein metabolism and bio energetics in a fresh water fish mystus vittatus (Bloch)	Rs. 80,000/-
6.	Mrs. Swapna Chetia Gogoi	Assamese	Asamor Nepali Samaj: Uttar Lakhimpur Mahkuma bhittik eti bhasha tattik adhayan	Rs. 1,00,000/-

9. Patents Generated if any: NIL

10. New collaborative research programmes: NIL

11. Research grants received from various agencies:

UGC Major Research Project Sanctioned vide letter no 33-137/2007 (SR), Sanctioned amount Rs. 10,06,800/- for the period 1/4/2008 to 31/3/2011 to Dr. Debojit Baruah, Department of Botany, Lakhimpur Girls' College.

Subject of Research – PRESENT ENVIRONMENTAL AND BIODIVERSITY STATUS OF THE DOWN STREAM OF SUBANSIRI RIVER BASIN, RIPERIAN ZONE AND FOREST – A PRE IMPACT ASSESSMENT OF 2000 MW LOWER SUBANSIRI DAM.

12.Details of research scholars: (A) Teacher Scholars

Name of Teachers	Department
Mrs. Sabitri Saikia Kakoti	Chemistry (Submitted)
Mr. Bhupen Chutia	English (Submitted)
Mr. Lohit Hazarika	Anthropology
Ms. Minakshi Saikia Boruah	Anthropology
Mrs. Minati Borah	Zoology
Mr. Mridul Buragohain	Chemistry

(B) Research Scholars (Under the supervision of teachers of the college)

Supervisor	Deptt	No of Scholars	Level
Mr. H K Borah	Pol. Science	1	M. Phil
Dr. A K Dutta	Pol. Science	3	M. Phil
Dr. K P Gogoi	History	5	M. Phil
Dr. N. Das	English	21	M. Phil
Dr. N. Das	English	2	Ph.D
K S Khandayatray	English	1	M. Phil
Dr P Howbora	Economics	3	M. Phil
Dr R Kumar	Zoology	2	M. Phil
Dr S Borah	Zoology	2	M. Phil
R Chutia	Philosophy	2	M. Phil
Dr K Bhuyan	Pol. Science	4	M. Phil
S P Sharma	Chemistry	2	M. Phil
D K Panging	Hindi	2	M. Phil
Dr B K Saikia	Mathematics	1	M. Phil
Dr D Baruah	Botany	1	M. Phil

13.Citation index of faculty members and impact factor:

(i) Dr. Bubul Kr Saikia

1. Application of soft and fuzzy soft relation in decision making problems, Bulletin of Pure and Applied Sciences, Vol 24E No 2, Dec 2005 (New Delhi)
2. Rough Boolean Algebras, The Journal of Fuzzy Mathematics, 13(2) (2005)447-452, Los Angeles

3. Some results of the Lower and Upper Approximation in Lattices, Proceedings (Mathematical Sciences) of the 93rd Session of the INDIAN SCIENCE CONGRESS, Hyderabad 2006
- (ii) Mrs. Sabitri Saikia Kakoti
1. Chemical quality of water and health effects of drinking water contaminates in and around the tea gardens of Lakhimpur district, Assam, Pollution Research 25(3) (2006) 571-575
 2. Nitrate and Fluoride content in drinking water of Lakhimpur District, Assam, India, The Proceedings of 2nd International Congress of Chemistry and Environment, 24-26 Dec' 2005, (382-386)
 3. A study of the drinking water of the Lakhimpur District, Assam, India, Pollution Research, 26(2) 2007
 4. A study of drinking water quality of the Lakhimpur District, Assam, India, The Book of Proceedings, IWRM – 2007, (117-122)
 5. Ground water quality for irrigation in a rural district of Assam, India, The Book of Proceedings, IWRM – 2007, (394-397)
 6. Bacteriological study of drinking water in the Lakhimpur District, Assam, India, Pollution Research, 2007, 26 (Accepted)
 7. Water Quality index of drinking water of Lakhimpur District, Assam, India, Indian Journal of Environmental Protection, on 28/11/2006
- (iii) Dr. Sabita Borah
1. Effect of Pollutants on RNA – DNA ratio as an index of the stress in the catfish, *Heteropneustes fossilis*. J. Ecotoxicol & Env. Monit. 116(6) 577-580, 2006
 2. Hematological & Respiratory anomalies in the fresh water fish *Heteropneustes fossilis* exposed to crude oil. J. Ecotoxicol & Env. Monit. 16(3) 285, 2006
 3. Changes in respiratory metabolism in a tropical freshwater fish *Heteropneustes fossilis* (Bloch) due to petroleum crude oil toxicosis. Nature Environment & Pollution Technology, vol4, No 3 PP 469-472 2005
 4. Effect of Petroleum oil on biochemical constituents and enzyme activity in kidney & Liver tissues of fresh water teleost *Heteropneustes fossilis* (Bloch) Nature Environment & Pollution Technology Vol 4 No 2 PP 227-232
- (iv) Dr. Debojit Baruah
1. Physico – chemical properties of soil and Quantitative analysis of a herbaceous community after blowout of an oil well. Nature Environment & Pollution Technology Vol 6 No PP 251-258, 2007
 2. Effect of crude oil on soil, species number, biomass of productivity following an accidental blowout of an oil well in a terrestrial

ecosystem, Nature Environment & Pollution Technology 477-482, 2006

(v) Mr. Surajit Bhuyan

1. Interaction of a laser beam with the rotational lines of nitrogen in the wavelength region of 5700A, Applied Optics, Vol – 46, No 23 (Aug 2007)PP 5783-5741 (Optical Society of America)

14. Honours / Awards to the faculty: NIL

15. Internal resources generated:

- | | |
|---|----------------|
| (a) Income from Computer Course | - Rs. 13,000/- |
| (b) Income from Career oriented Courses | - Rs. 14,000/- |
| (c) Income from rented rooms | - Rs. 8,000/- |
| (d) Income from fishery | - Rs. 5,000/- |

Rs. 40,000/-

16. Details of departments getting SAP, COSOST / DST, FIST etc. assistance / recognition:

College has been identified as one of the collages for DST – NER support (Under North eastern Region Package support to Under Graduate colleges in FIST programme.)

(Total support would be Rs. 50 Lacs for 5 years)

17. Community Services:

- a) Health camp and blood grouping camp in tribal villages.
- b) Flood relief goods distributed in Lakhimpur and Dhemaji Districts.
- c) Food preservation camp.
- d) Adult education camp.
- e) Sapling Distribution.
- f) Nursery training workshop.
- g) Plantation in college campus and villages.

18. Teachers and officers newly recruited: One teacher for the deptt. of Chemistry.
19. Teaching – Non teaching staff ratio: 69 : 33
20. Improvements in library services: Books and Journals for the central and departmental libraries.
21. New Books / Journals subscribed and their value: 500 Books – Rs. 1,03,958/-
22. Courses in which student assessment of teachers is introduced and action taken student feedback: Process initiated to introduce students assessment of teachers in all subjects and fulfill their grievances.
23. Unit cost of Education: 2007-2008 – (Including salaries of teachers/employees)
Rs. 14,363/-
(Excluding salaries of teachers/employees) Rs. 2,639/-
24. Computerization of administration and the process of admissions and examination results, issue of certificates: Yes, Computerized.
25. Increase in the infrastructural facilities: Extension of Science Building, Extension of Hostel Building, Completion of Anthropology and Geography Building & Urinal & Latrine in Science Block.
26. Technology Upgradation:
- a) SOUL software installed in the Central Library.
 - b) Proposal of establishing a Block level technology centre by the Deputy Commissioner, Lakhimpur with Computer & furnisher.
 - c) Renovation of the website of the college to <http://www.lgcollege.org>
 - d) Laboratory of Food and Nutrition, Fishery and Information and Computer Technology established.
27. Computer and Internet access and training to teachers and students: Faculty Available.
28. Financial aid to students: Four kinds of Govt. Scholarships and five incentives scholarships are given to the students.
29. Activities and support from the Alumni Association: NIL

30. Activities and support from the Parent – Teacher Association: Donations of rupees One Lakh Forty Five Thousand Five Hundred only.
31. Health services: Health services have been Improved.
32. Performance in sports activities: All students participated in the sports week organized between 3rd to 7th January 2008.
33. Incentives to outstanding sports person: Prizes and Medals. Sports Quota for sports person in admission.
34. Students achievements and awards:
 - a) Late Radhika Devi Memorial Scholarship merited for securing highest aggregate mark in Higher secondary Examination from the college.
 - b) Late Mofizur Rahman Borua Memorial Scholarship merited for securing highest marks in English in Higher secondary Examination from the college.
 - c) Janaki Devi Memorial Scholarship merited for securing highest marks in the last annual examinations.
35. Activities of the Guidance and Counseling Cell: Two Counseling sessions for career advancement have been conducted during the session.
36. Placement services provided to students: NIL.
37. Development Programmes for non-teaching staff: Loans have been provided from Thrift society of the college.
38. Healthy practices of the institution: Regular Curricular and Co-curricular activities have been organized.
39. Linkages developed with National / International Academic / Research bodies: NERDP (National Educational Research Development Programmes) and INFLIBNET Ahmadabad.
40. Any other relevant information the institution wishes to add: Three Examination Zones have been established in the college (Two by Dibrugarh University and by Assam Higher Secondary Education Council)

Part C: Detail t he Plans of the institution for the next year.

Plans for the next year has been decided in the staff council meeting held on 8th August 2008 and the same has been passed by planning forum as given below.

- (i) Seminars / workshops on conferment of autonomous college status.
- (ii) Seminars by the departments of Botany, Zoology and Assamese.
- (iii) Seminars by IQAC on Best Practice Promotion .
- (iv) Infrastructure development works.
- (v) Performances related to indoor, outdoor games.
- (vi) Physical exercises literacy competitions etc.
- (vii) Community development programmes.
- (viii) Cleanliness and immunization drive in surrounding areas.
- (ix) Improvement of drinking water and sanitary facilities.

Mr. Madhab Rajkhowa.

Dr. Manoranjan Pandit.

Dr. Musfick Ara Tayab

Name and signature of the coordinator, IQAC

Name and signature of the Chairperson, QAC