

**THE ANNUAL QUALITY ASSURANCE REPORT**  
**SESSION: 2009-2010**

**Name of the institution:**  
**Bholanath College**  
**Dhubri, Assam**

**Year of Report: 2009-2010**

**PART – A**

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

The out come achieved by the end of the academic session 2009-2010 on the plan of action chalked out by IQAC at the beginning of the same session is listed below –

- The college introduced B.Sc. (Computer Science), a three year degree course from the academic session 2009-2010 and obtained necessary permission from Gauhati University to start B.B.A (Bachelor of Business Administration) in U.G level from the academic session 2010-2011.
- The college purchased a number of text books, reference sources, periodical/journals for the central library of the college. It is to be mentioned that the central library started Open Access system for its users from the academic session 2010-2011.
- The ongoing process of computer automation of the central library was accelerated during the last academic session and is expected to be completed within a few months.
- The college started the construction work of its boundary wall near the existing Boys' Hostels and made communications with the central govt. for financial assistance under MSDP scheme for a new Boys' Hostel. It is learnt from reliable sources that our college is selected to receive a grant under the scheme.
- A NAAC related seminar on "Reassessment and Reaccreditation Process of NAAC" was organised by the college on 26/10/2009 in which Prof. K.G. Bhattacharyya, Director, Academic Staff College, Gauhati University acted as one of the resource persons.
- The college renovated a number of class rooms for the accommodation of newly introduced subjects/courses during the academic session 2009-2010.
- The central library organised two lectures on 'Users' Education on Library' for its users during the last academic session
- Various departments of the college organised departmental seminars with degree major students throughout the academic session 2009-2010 and thus encouraged the participation of students in the process of Teaching and Learning.
- The IQAC of the college made all preparations to publish a Bulletin to highlight the activities of the faculty members and its first issue is expected to be released in the month of June, 2010.

- The Extension Service Cell of the college organized a series of extension activities during the last academic session :
  - (i) The World Environment Day was celebrated on 5<sup>th</sup> June, 2009 in collaboration with Bharat Vikas Parishad, Dhubri Branch, by undertaking Plantation Programme in the college campus and organizing a seminar.
  - (ii) As a part of 'Green Campus Campaign' a good numbers of valuable and medicinal plants were planted in the college campus throughout the academic session 2009-2010.
  - (iii) A quiz competition namely 'Bharat Ko Jano' was organised on 30<sup>th</sup> August, 2009 in collaboration Bharat Vikas Parishad, Dhubri Branch.
  - (iv) A two days programme on Counselling of girl students of this college was undertaken by the Women Cell, B.N.C.T.A of the college.
  - (v) A seminar on Road Safety was organised on 7.01.2010 in collaboration District Administration, Dhubri during Road Safety Week.

## **PART- B**

### **1. Activities Reflecting Goals and Objective of the Institution**

The goal and objective of this institution is to provide higher education to the students of this area which is lagging behind educationally as well as economically. The institution aims to provide quality education for upliftment of the society.

As mentioned in the last report, migration of students to different parts of the country is a big problem in this area. So the college has been planning to introduce some new courses to meet the demand of the students and to check this. We have already introduced Biotechnology and B.C.A. in UG level and Commerce in HS and UG level. During the last academic session B. Sc. Computer Science has been introduced in Degree level which has been gaining tremendous responses from the students.

The college has three distance learning centers, namely K. K. Handique State Open University, IDOL, GU and Convergence Scheme, IGNOU to provide opportunities of higher education to economically, educationally backward and working people in this area. These centers have been successfully catering to the need of carrier and job oriented courses to its stake holders.

In addition to the introduction of the New Courses, various co-curricular activities like, debate competition, extempore speech, quiz competition etc. are regularly being organised by the IQAC in collaboration with different departments/agencies.

### **2. New Academic Programmes initiated (UG and PG):**

As mentioned before we have started B.Sc. Computer Science in this academic session. We also got permission from Gauhati University to start B.B.A. which is going to be introduced in the coming session, i.e., 2010-2011.

### **3. Innovations in curricular design and transaction:**

Some of our teachers are members of committee of Courses and studies (CCS), Gauhati University. They contribute a lot in framing the curriculum proposed by Gauhati University as per UGC guide lines.

One of our teachers Sri B.K. Sarma, HOD Statistics is a member of the Academic Council, G. U.

### **4. Inter-disciplinary programme started:**

The department of Bio-Technology and newly introduced B.Sc. (Computer Science) are interdisciplinary in nature. The department of Bio-Technology is running with two full time lecturers and part time lecturers from the departments of Chemistry, Botany and Zoology of this college. The department of Computer Science has one full time lecturer and two part time lecturers from the department of Physics of the college.

The department of BCA (A Three Year Degree Course in Computer Applications), introduced in the academic session 2008-2009, is also inter-disciplinary in nature. It has two

full time faculty members and one part timer. Moreover, there is one part timer each from the department of Physics and the department of Commerce.

Besides these subjects, Environmental Studies introduced in the Degree level by the G.U. is also an inter-disciplinary one and the college is running the subject with the help of faculties from different departments.

## **5. Examination Reforms Implemented**

The question of examination reforms does not arise in university examinations as they are conducted as per the university regulations. No reform has been implemented in the internal examination this year.

## **6. Candidate qualified: NET/SLET/GATE etc:**

The question of undergraduate students qualifying NET/SLET/GATE etc does not arise as the college conducts only undergraduate courses.

## **7. Initiative towards Faculty Development Programme:**

- |   |       |
|---|-------|
| a. Number of teachers participated in Orientation Programme                             | : Nil |
| b. Number of teachers participated in Refresher Course                                  | : 08  |
| c. Number of teachers participated in Faculty Development Programme conducted by I.I.E. | : Nil |
| d. Number of teachers are doing M. Phil in various subjects                             | : 01  |
| e. Number of teachers are doing Ph.D. in various subjects                               | : 10  |

## **8. Total number of Seminar/Workshop conducted:**

One NAAC related Seminar on “Reassessment and Reaccreditation Process of NAAC” was organised by the college on 26/10/2009. Dr. Krishna G. Bhattacharyya, Director, UGC-Academic Staff College, Gauhati University was the resource person in the seminar.

Besides this, a number of departmental seminars were organized at regular intervals during the last academic session.

A one-day seminar on Environmental Awareness was organized on the ‘World Environment Day’, 5<sup>th</sup> June which was graced by Honorable Deputy Commissioner of Dhubri district as the chief guest. Prof. Haridas Sarkar, Ret. HOD of Mathematics, Pandu College, Guwahati and Prof. N.N. Das, HOD of Botany, B. N. College, Dhubri were the resource persons.

A seminar on ‘Road Safety’ was organised on 7.01.2010 in collaboration District Administration, Dhubri during Road Safety Week.

## **9. Research Projects**

(a) Newly implemented: During the academic session 2009-2010 two Minor Research Project has been started under of Dr. Azad Ali and Dr. Santanu Sarma (Department of Zoology) taking financial assistance from UGC.

In addition the old projects mentioned in the earlier report are going on.

(b) Completed: Two Minor Research Projects, under Sri Brajendra Kanta Sarma, department of statistics and Dr. Upendrajit Sarma, department of Assamese are completed in the academic session 2009-2010.

**10. Patents Generated, if any:**

Nil.

**4. New Collaborative Research Programme:**

The ongoing Major Research Project in Sl. No. 9 is being run in collaboration with the Department of Chemistry, Gauhati University.

**12. Research grants received from Various Agencies**

Sl. No.	Name of Research Scholar	Granted on	Amount (Rs)	Purpose
1.	Dr. Mirjahan Ali Prodhani	6.10.09 (2 <sup>nd</sup> installment)	7000/-	Minor Research Project
2.	Sri Prahlad Basumatary	23.03.10 (2 <sup>nd</sup> installment)	11,000/-	Minor Research Project
3.	Dr. Azad Ali	12.01.10 (1st installment)	1,30,000/-	Minor Research Project
4.	Dr. Santanu Sarma	12.01.10 (1st installment)	1,80,000/-	Minor Research Project

**13. Details of Research Scholar:**

Mr. Gautam Sarmah, M.Sc (chemistry) has been working as Research Scholar since 26-02-2009 in the major research project undertaken Dr. Susmita Sen Gupta, in collaboration with the Department of Chemistry, Gauhati University.

**14. Citation index of faculty members and impact factor:**

**15. Honours/Award to faculty:**

None

**16. Internal resources generated:**

In the session 2009-2010, a sum of Rs. 27,500/- (Rs. Twenty seven thousand and five hundred only) has been collected from the lessee of college pond.

**17. Details of departments getting SAP, COSIST (ASSIT)/DST.FIST, etc assistance/ recognition:**

Nil

**18. Community services:**

The following community service was conducted in the academic session 2009-2010-

(a) Counseling of Girl students

Women Cell of BNCTA (B N College Teachers Association) organises a counseling programme for the girl students of the college on 21/12/2009. Various problems of girl students related to their academic as well as family life were discussed and some possible solutions were suggested.

(b) Environmental Awareness Programme

As a part of Environmental Awareness Programme, the World Environment Day was celebrated on 5<sup>th</sup> June, 2009 in collaboration with Bharat Vikas Parishad, Dhubri Branch, by undertaking Plantation Programme in the college campus and organizing a seminar.

(c) Green Campaign in the college campus

As a part of 'Green Campaign' a good number of valuable and medicinal plants were planted in the college campus throughout the academic session 2009-2010.

(d) Quiz competition

A quiz competition namely 'Bharat Ko Jano' was organised on 30<sup>th</sup> August, 2009 in collaboration with Bharat Vikas Parishad, Dhubri Branch.

(e) Celebration of International Children's day

Women Cell of BNCTA (B N College Teachers Association) organises an art competition on the occasion of International Children's day (1<sup>st</sup> June) in the college premises for children from nursery class to class VI. A good number of children participated in the competition.

**19. Teachers and officers newly recruited:**

(Joined in the period 1st April 2009 to 31st March 2010)

(a) Lecturers (Sanctioned post)

Sl. No	Name	Department	Date of joining in sanctioned post
1.	Sri Dipankar Mollic	English	07/08/2009
2.	Sri Bhabesh Nath	Zoology	14/08/2009
3.	Ms. Nirmita Nath	Bengali	16/09/2009

(b) Lecturers (Non-Sanctioned post)

None

(c) Assistant Librarian

None

(d) 4<sup>th</sup> grade employee (Sanctioned post)

None

## 20. Teaching-Non-teaching Staff ratio:

74:48

## 21. Improvement in the Library Services:

The following steps have been taken for the improvement in the Central Library (Shew Narain Tantia Library) B.N. College, Dhubri-

- The Central library has introduced total Open Access system for its users from the academic session 2009-2010.
- A number of bookshelves were procured for the reference section and circulation section of the central library.
- Eight new journals/periodicals have been subscribed in this session.
- The ongoing process of 'Library Automation Process' is going on with full swing.

## 22. New books/journals subscribed and their value:

### *Books*

Total number of books purchased in the session 2009-2010 (From 01-04-2009 to 31-03-2010) = 596 (Five hundred ninety six only)

Price of the books purchased = 2, 22,171/- (Two lakh twenty two thousand one hundred and seventy one only)

### *Journals*

1. The Atlantic Journal of World Affairs
2. The Atlantic Literary Review

3. Indian Philosophical Quarterly
4. Sanskrit Manjari
5. Indian Journal of Bio-Chemistry and Bio-Physics
6. Indian Journal of Bio-Technology
7. Indian Journal of Traditional Knowledge
8. Annuals of Library and Information Studies

**Total Cost: Rs. 6180/-**

Note: Besides these the subscription of the following journals/periodicals have been renewed for the session 2009-2010

1. University News
2. Economic and Political Weekly
3. Pramana: Journal of Physics
4. Journal of Genetics
5. Journal of Chemical Science
6. Journal of Bio-Science
7. Journal of Earth System Science
8. Sadhna: Engineering Science
9. Resonance: Journal of Science Education
10. Indian Journal of Chemistry
11. Current Science
12. Bulletin of Material Science
13. Indian Journal of Chemical Technology
14. Allelopathy Journal
15. Proceeding Mathematical Science

#### ***Magazines and Periodicals***

1. Chemistry Today
2. Physics for You
3. Biology Today
4. Sportstar
5. Competition Success
6. Wisdom
7. Gorioshi
8. Saatsori
9. Desh
10. Frontline
11. Swasthya
12. Kurukshetra



**Total Cost: Rs 3336/-**

**23. Courses in which Student Assessment of Teachers is Introduced and the Action taken on Student Feedback:**

Nil

**24. Unit Cost of Education:**

(a) Including the salary component = Rs.29030.08

(b) Excluding the salary component =Rs.2755.52

Unit Cost = Total annual recurring expenditure/Total number of students enrolled

**25. Computerization of Administration and the Process of admission and Examination Results, Issue of Certificates:**

The administration of the college and the process of admission are partially computerized. The process of complete automation of the college office is going on.

**26. Increase in Infrastructural Facilities:**

- (i) One of the existing halls has been modified to provide two departmental rooms, one for BBA and the other for BCA along with a class room.
- (ii) The exciting Dark room (Physics Lab) of physics department is renovated upgraded with adequate facilities.
- (iii) A room has been renovated and provided with computer facilities for holding Virtual Classes.
- (iv) The on going construction work of the new girls' hostel building within B.N. College Girls' Hostel Campus has already been expedited after getting the second installment of financial assistance from UGC and it is expected to be completed within a few months. This new girls' hostel will accommodate twenty four boarders from the next academic session.
- (v) The chemistry laboratory of the college has been renovated and some new equipments namely Visible Spectrometer, Thermostated Water bath Shaker, Ultracentrifuge, Hot air-oven, pH-meter were procured from the Major Research Project grants received from UGC by Dr. Susmita Sen Gupta.
- (vi) 12 (Twelve) numbers of computers have been procured for different departments and office of the college.
- (vii) Fifty pairs of benches and desks along with classroom furniture have been made to meet the necessity of the class rooms.

### **27. Technology Upgradation:**

More computers were introduced in the college office in the session 2009-2010. Most of the works in the college office have been automated from this session.

### **28. Computer and Internet Access and Training to Teachers and Students:**

B. N. College Computer Centre offers different computer courses within the college premises at a subsidized rate. In this session a good number of students got admitted in various courses.

Keeping in mind the growing need of computer education, the IQAC of the college conducted a computer literacy programme among the teaching and non-teaching staff of the college as it did in the earlier academic session also. Feedback from the participants is quite encouraging.

### **29. Financial Aid to Students:**

The college has a “students’ aid fund”. Each student contributes Rs. 15/- to this fund at the time of admission. The Principal of the college disburses aid to the needy students from this fund. In the session 2009-2010 a total sum of Rs. 24,100 /- have been distributed to 34 numbers of students.

### **30. Activities and Support from the Alumni Association:**

The alumni association supports different activities of the college but we are expecting more support and greater responsibilities in future.

### **31. Activities and Support from the Parent-Teacher Association:**

Although the college takes suggestions from the parents time to time there is no Parent-Teacher Association in the college right now.

### **32. Health Service**

The college has a health center with two full-time staff. The health center remains open from 8 AM to 4 PM during the working days. All staff and students are provided with primary health care facilities through this centre as and when required.

### **33. Performance in Sports Activities:**

Most of the students of the college are proficient in various sports like, football, kabadi, cricket, etc. They participate in various events during the annual college week and show good performance. The college has been taking initiative to send the students to various district/state level sports competitions.

### **34. Incentive to Outstanding Sportspersons:**

There was no outstanding performance in sports in the last academic session. However, initiative has been taken to improve the quality.

### **35. Students Achievements and Awards:**

In the year 2009, nine students got 1<sup>st</sup> class, one got 1<sup>st</sup> div. In addition sixty five students got second class in the Three Year Degree Course under Gauhati University.

### **36. Activities of the Guidance and Counseling Unit:**

The Guidance and Counseling Cell conducted counseling sessions for the students and apprised them about the various courses and opportunities available in different fields. Students were also informed about the opportunities available in different sectors like banking and financial sector, defense, and various non-governmental organizations. They were also informed about entrepreneurship and various facilities existing for an educated entrepreneur.

### **37. Placement Service Provided to Students:**

The college does not have any placement cell at present.

### **38. Development Programmes for Non-teaching Staff:**

It is felt that some members of the non-teaching staff are not well acquainted with computer literacy which is very much essential for smooth running of the college office. Some of them have been encouraged to participate in the computer literacy programme conducted by BN College Computer Centre, in collaboration with IQAC of this college.

### **39. Healthy Practices of the Institution:**

As per guidelines of Gauhati University, the internal assessment of students on the basis of unit tests and class attendance has been introduced. The college also started computerization of the admission process of the college.

Some of the teaching staffs who are not well acquainted with computer were trained in the computer centre of the college under the guidance of IQAC.

From the session 2009-2010, some innovative measures were undertaken in the college library. Two display boards were introduced in the library where important news items are displayed regularly. In this session the central library has been converted from partial open access to total open access.

The college has undertaken measures to strengthen the regular academic programmes by providing distance education under 'Institute of Distance and Open Learning' (IDOL), GU, 'Convergence Scheme', IGNOU and 'K K Handique State Open University', Guwahati. Some self financing diploma courses in computer application have also been introduced

**40. Linkage Developed with National/International, Academic/Research Bodies:**

The Major Research Project sponsored by UGC under Dr. Susmita Sen Gupta, a senior lecturer, in the Department of Chemistry that was sanctioned in 2009 has completed one year and going on with full swing. Dr Krishna G. Bhattacharyya, Professor, Department of Chemistry, Gauhati University, is a Partner Collaborator of the project. A part of the project work is carried out in Gauhati University.

**41. Any other Relevant Information the College Wishes to Add:**

Nil.

**PART C**

**Details of the Plans of the Institution for the Next Year (2010-2011)**

The college has the plans of action for the next academic session 2010-2011 as follows:

- The ongoing process of computer automation of the Central library and college office which has been partially implemented is to be completed in the next year.
- More books will be procured for the Central and Departmental Libraries of the college.
- The college is expecting to receive financial assistance under MSDP scheme for the construction of a boys' hostel. The construction work will start as and when the grant is received.
- The college aims to organise few National Seminars during the academic session 2010-2011 for which the proposals have been already submitted to UGC.
- The 'Green Campus Campaign' is going to be continued by plantation of more valuable trees within the complex.
- A series of lectures on 'Users Education on Library' is to be organised for the fresher.
- Group discussions, seminars etc are to be arranged monthly with degree students by major during the academic session 2010-2011.
- Participation of students in the process of teaching and learning will be encouraged.

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