

**THE ANNUAL QUALITY ASSURANCE  
REPORT (AQAR) OF THE IQAC**

**2011**

*Submitted to the*

**NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL (NAAC)  
BANGALORE**



*By*

*Internal Quality Assurance Cell (IQAC)  
Dibrugarh University  
Dibrugarh (Assam)*

# **THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC- 2011**

Name of the Institution : Dibrugarh University  
Dibrugarh – 786 004, Assam  
Website : www.dibru.ac.in  
e-mail : iqac@dibru.ac.in

Year of Report : 2011

## **PART – A**

### **What is the plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and what is the outcome by the end of the year?**

The IQAC, Dibrugarh University has prepared an annual plan of action covering all the seven criteria for the development of the capabilities of the University.

1. In the curriculum aspect the University plans to expand the range of programme options by introducing a few courses, both at PG and UG levels relevant to the local needs and in tune with the emerging national or global trend. This is expected to give more academic flexibility and diversity to suit different levels of learners and help them in career development.

Academic reform in the form of introduction of CBCS in PG level has been effective since 2009, while introduction of Semester system at Undergraduate level has been made effective from 2011. University has already introduced 60 non-traditional courses in PG and Undergraduate levels in the last five years, both under Regular and Distance mode.

In opening the new range of programme options, the opinions of stakeholder, like alumni, students and a few industrialists of the region have been sought for and taken into consideration.

To meet the changing paradigm of higher education a few departments have proposed to reorient and modify the syllabi/course contents of the courses taught at PG, UG & M.Phil. levels.

2. In the sphere of Teaching-Learning Evaluation, the University proposes to introduce certain improvements. The techniques of interactive learning higher use of ICT resources, and remedial teaching have been in place and proposed to be intensified during years to come.

Participation of teachers in faculty & academic development programmes is to be accelerated.

All vacant posts shall be filled up with qualified and competent teachers for the benefit of the students.

Admission process is too automated.

3. In the matter of research, consultancy and extensions, the University has been occupying a unique position. Almost cent per cent teachers are pursuing research while more than guiding research. As many as 74 Research Projects including 8 under UGC's SAP are going on at the end of the year 2011.

This Year University plans to have more research projects from different funding agencies. The University proposes to allot more funds for research.

The Departments of Petroleum Technology, Applied Geology, Chemistry are extending consultancy services to the hydrocarbon industries of the region. Moreover, the Departments of Commerce, Economics and the Life Sciences have been extending consultancy services to business agencies, District Rural Development Agencies Panchayati Raj instructions, Forest and Environment Departments of Government with or without fees. Centre for Tea and Agro Studies is extending consultancy services to Tea Companies and small Tea Growers and winter – crop cultivators located in the peripheral areas, Dibrugarh University. The centre is extending all sorts of consultancy facility in the form of soil testing agronomical and entomological test.

More community services are proposed for this year by organizing awareness camps, arranging rehabilitation programmes for the persons displaced by floods and erosion, etc.

4. To maintain quality of academic and other programmes – the University has built up academic infrastructure. Construction of a spacious faculty building for Applied Geology, and the Residential Flat for teachers have been completed and put for occupation. Extension of Girls' Hostels is under process and is likely to be completed in the first part of 2013. Construction of Building for the Directorate of Distance Education is in process and is likely to be completed in early part of 2013.

The modernization process of the library is to continue so that all services are fully automated. New books and journals are to be procured. **INFLIBNET** coverage is to be expanded. The construction of the ten-bedded hospital within the campus has been completed and the same has been now operational. Student Day Activity Centre has been constructed in the University and it has been now operational

## **PART – B**

### **1. Activities reflecting the goals and objectives of the institution.**

Dibrugarh University, the eastern most University of India (established in 1965) believes in achieving global standard even as it tries to meet local needs. The vision of the University is to motivate and strive for the creation of innovative, competent and compassionate human resources for sustainable and holistic development for achieving social harmony and ensuring quality living so that the University remains as a centre of excellences and continues to generate, disseminate and apply new knowledge and techniques through state of the art education and research in consonance with this vision, University has chalked out the following goals for all round development.

- (a) To secure advancement, dissemination and extension of knowledge in all spheres of learning through the University Departments and centres of studies and affiliated colleges.
- (b) To provide standard and relevant curricula for teaching and research programmes and monitor implementations of those programmes to ensure quality education.
- (c) To sensitize the diverse ethnic groups of the region in culture and national values and also disseminate knowledge and information amongst the disadvantaged sections of the society.
- (d) To strengthen the various career oriented programmes that have been started in the last few years and make them viable.

To achieve these objectives, the University has developed necessary facilities for the pursuit of knowledge in a congenial atmosphere. The facilities available at present and their addition during the year 2011 are described below:

### **Academic Developments/Centres :**

The University is now running Post Graduate, Undergraduate, Diploma, Advanced Diploma and Certificate Programmes offered by 17 PG Departments, 21 centres of Studies, one Engineering College within the campus having a total enrolment of 3760 students.

The PG Departments are : Anthropology, Applied Geology, Assamese, Chemistry, Commerce, Economics, Education, English, History, Life Sciences, Mathematics, Petroleum Technology, Physics, Political Sciences, Sociology and Statistics.

The Centres of studies are : Centre for Management Studies(CMS), Computer Studies (CCS), Women Studies (CWS), Juridical Studies, Tea & Agro Studies, Library & Information Science Studies, Rural Development Studies, Bioinformatics Studies, Bio-Technology, Performing Arts, Studies in Geography, Journalism & Mass Comm. Studies, PGDTM, Social Work (MSW), Philosophy, Atmospheric Studies, Studies in Behavioural Science, North East Studies, DUIET, Physical Education, Language, DDE, Documentation Centre Economics.

The list of academic programmes currently being offered in the University is given below:

**LIST OF THE VARIOUS PROGRAMMES OFFERED AND SUBJECTS TAUGHT  
BY DIBRUGARH UNIVERSITY**

Courses	Nos of Programmes	Degree Offered	Subjects	
			Nos	Names
UG	8	B.Ed, BBA, BCA, B.Pharm, B.L.I.Sc, BA LL.B, B.Sc.IT,	8	Teachers Education, Business Administration, Computer Applications, Pharmaceutical Sciences, Library and Information Science, Legal Studies, Information Technology,
PG	9	M.Sc, MA, M.Com, MCA, MBA, M.Tech, M.Pharm, M.L.I.Sc., M.Ed, MSW, 5 year Integrated M.Sc. in Physics, M.P.Ed	27	MA: Assamese, Economics, Education, English, History, Political Science, Sociology, Geography, Social Works, M.Sc.: Anthropology, Applied Geology, Chemistry, Life Science, Physics, Mathematics, Statistics, Bio-Technology, Bio-informatics  M.Com: Commerce MCA: Computer Applications MBA: Business Management M.Tech: Petroleum Geology, Petroleum Technology. M.Pharm: Pharmacology, Phramaceutics, Pharmacognosy  M.Ed: Education M.L.I.Sc.: Library and Information Science
PGD	1	PGDCA, PGD in Tai Language, PGDJMC, PGDF, PGDM, PGDTM, PGDTTPM, PGDSTC, PGD in Actuarial	12	PGD in Computer Applications, PGD in Tai Language, PGD in Journalism and Mass Communications, PGD in Finance,

		Science, PGDRD, PGDEPML, *PGD in Oil-Well Drilling Technology		PGD in Marketing, PGD in Tourism Management, PGD in Tea Technology and Plantation Management, PGD in Statistical Techniques and Computation, PGD in Actuarial Science, PGD in Rural Development, PGD in Electronic Preparation of Mathematical Literature, *PGD in Nano Science and Composite Materials, <b>Population Studies leading to Masters' degree, Applied Psychology, Yoga Education, Women's Studies *PGD in Oil- Well Drilling Technology</b>
Ph.D.	1	Ph.D.	24	Asm, Eco, Edu, Eng, His, P.Sc, Socio, Geog., Anthro, App. Geo, Chem, Life. Sc, Phy, Math, Stats, Bio-Tech, Bio- informatics, Commerce, Business Management, Petroleum Geology, Petroleum Technology Pharmacology, Phramaceutics, Pharmacognosy
M.Phil.	1	M.Phil	11	Assamese, Economics, English, History, Political Science, Sociology, Commerce, Mathematics, Statistics, Chemistry., Physics
Post- Doctoral	1	D.Lit., D.Sc.	24	Asm, Eco, Edu, Eng, His, P.Sc, Socio, Geog., Anthro, App. Geo, Chem, Life. Sc, Phy, Math, Stats, Bio-Tech, Bio- informatics, Commerce, Business Management, Petroleum Geology, Petroleum Technology Pharmacology, Phramaceutics, Pharmacognosy
Adv.PGD	1	APGD in Atmospheric Science, APGD in Telecommunications, APGD in Petroleum Exploration Geo-Physics	4	APGD in Atmospheric Science, APGD in Telecommunications, *APGD in Petroleum Exploration Geo-Physics *APGD in Nano Science and

		*APGD in Nano Science and Composite Materials		Composite Materials
Diploma	1	Diploma in Oil-Well Drilling Technology, Diploma in Computer Applications, DOE Courses, <b>Tai Language, Chinese Language, 3 Months Certificate Course in Spoken Tai</b> , Diploma in Performing Arts	6	Diploma in Oil-Well Drilling Technology, Diploma in Computer Applications, DOE Courses, *Diploma in Performing Arts
PG Certificate	1	PGCC in Women Studies, PGC in Creative Writing	3	PGCC in Women Studies, PGC in Creative Writing, 6 Months Certificate Course in Computer Applications
Certificate	1	Certificate Course in Performing Arts, 6 Months Certificate Course in Computer Applications, 2 Months Certificate Course in Computer Applications	3	Certificate Course in Performing Arts, 6 Months Certificate Course in Computer Applications, 2 Months Certificate Course in Computer Applications
	25		120	

Apart from the above regulation programmes, the M.A. , M.Sc., M.Com., PGDM and PGDJMC programmes are also offered in the Distance Education mode of under Directorate of Distance Education, Dibrugarh University.

The list of academic programmes / courses under distance mode.

Course	Nos. of Programmes	Degree Offered	Subjects	
			Nos.	Names
UG	3	BA BBA BCA	3	Bachelor of Business Administration, Bachelor of Computer Application, B.A.
PG	7	MA	7	Assamese, Commerce, Economics, English, Mathematics, Political Science, Sociology
PGD	3	PG Diploma	3	(i) Marketing Management, (ii) Journalism and Mass Communication (iii) PGDCA

In addition, two affiliated colleges are allowed to run PG courses in Economics, Philosophy and Geography. The University has also affiliated certain courses (PG and UG) run by certain institutions of higher education affiliated to other Universities.

Among the colleges / institutions affiliated to permitted by the Dibrugarh University there are colleges of general arts, science & commerce, teacher education, law, medicine, homeopathy, engineering, computer, Paramedical, Management, Hotel Management, Environment, Media Studies etc.

At present, there are one hundred and sixty two(162) affiliated / permitted colleges under Dibrugarh. Among them, 127 are general colleges offering Arts, Science and commerce, 11 colleges for Teachers' Education, 6 law colleges, 1 college each for Medical, Engineering, Homoeopathy and Sattriya Sangeet education, 2 colleges offering Paramedical courses, 7 colleges offering Management courses, 1 college offering the M.Sc. in Eco-Restoration course and 4 colleges / centres offering B.A. and Diploma courses on Media Studies.



**LIST OF THE PROGRAMMES OFFERED BY DIBRUGARH UNIVERSITY FOR  
THE AFFILIATED COLLEGES**

Sl. No	Programmes	Nature of the Programme	Nos. of Programme Options	Elective Options within the Programme
1	B.A.	Under Graduate	25	<ol style="list-style-type: none"> <li>1. Assamese</li> <li>2. Bengali</li> <li>3. Hindi</li> <li>4. Bodo</li> <li>5. Nepali</li> <li>6. Elective Language (Assamese/Bengali/Hindi)</li> <li>7. Sanskrit</li> <li>8. History</li> <li>9. Economics</li> <li>10. Education</li> <li>11. Philosophy</li> <li>12. Political Science</li> <li>13. Sociology</li> <li>14. Mathematics</li> <li>15. Statistics</li> <li>16. Anthropology</li> <li>17. Geography</li> <li>18. Home Science</li> <li>19. Information Technology</li> <li>20. Human Rights</li> <li>21. Environmental Sciences</li> <li>22. Psychology</li> <li>23. Fine Arts and Music</li> <li>24. Social Work</li> <li>25. Tribal Studies and Rural Development</li> </ol>
2	B.Sc.	Under Graduate	21	<ol style="list-style-type: none"> <li>1. Physics</li> <li>2. Chemistry</li> <li>3. Botany</li> <li>4. Zoology</li> <li>5. Anthropology</li> <li>6. Geology</li> <li>7. Geography</li> <li>8. Statistics</li> <li>9. Mathematics</li> <li>10. Economics</li> <li>11. Home Science</li> <li>12. Electronics</li> <li>13. Computer Science</li> <li>14. Information Technology</li> <li>15. Pharmaceutical Chemistry</li> <li>16. Medical Physics</li> <li>17. Microbiology</li> </ol>

				18. Geophysics 19. Environmental Sciences 20. Industrial Chemistry 21. Information Technology
3	B.Com.	Under Graduate	7	1. Accounting and Finance, 2. Marketing, 3. International Business, 4. Banking and Insurance, 5. E- Commerce, 6. Human Resource Management 7. Environmental Studies
4	BBA	Under Graduate	1	Management
5	BCA	Under Graduate	1	Computer Application
6	B. Ed.	Under Graduate	1	1. Education
7	B.E.	Under Graduate	1	1. Engineering
8	M.B.B.S	Under Graduate	1	1. Medicine & Surgery
9	B.Mus.	Under Graduate	1	Sattriya Sangeet
10	BHMCT	Under Graduate	1	Hotel Management and Catering Technology
11	B.H.M.S.	Under Graduate	1	Homeopathy
12	M.A.	Post Graduate	3	1. Economics 2. Geography 3. Philosophy
13	MCA	Post Graduate	1	Computer Application
14	M.D.	Post Graduate (Medical)	14	1. Anesthesiology 2. Anatomy 3. Bio-Chemistry 4. Community Medicine 5. Dermatology 6. Medicine 7. Microbiology 8. Obstetrics & Gynecology 9. Pediatrics 10. Pathology 11. Pharmacology 12. Physiology 13. Psychiatry 14. Radiology
15	M.S	Post Graduate (Medical)	4	1. ENT 2. Ophthalmology 3. Orthopedics
16	M.Sc. (Ecorestor ation)	Post Graduate Diploma	1	Ecorestoration
17	MSW	Post Graduate	1	Social Works

18	MBA	Post Graduate	1	Management
19	PGD (Medical)	Post Graduate	8	1. Anesthesiology 2. Ear, Nose and Throat (ENT) 3. Obstetrics and Gynecology 4. Ophthalmology 5. Pediatrics 6. Pathology 7. Psychiatry 8. Radiology
20	PGDCA	PG Diploma	1	Computer Application
21	PGDCM	PG Diploma	1	Tourism Management
22	DMLT	Diploma	1	Medical Laboratory Technology
23	DMRIT	Diploma	1	Radiology and Imaging Technology
24	DP	Diploma	1	Physiotherapy
Total Programmes: 24			<b>Total Subjects/Programme options: 98</b>	

Colleges are given autonomy by the Academy Council to conduct Certificate, Diploma and Advanced Diploma Career oriented courses.

### **Research :**

The University gives priority in research activities both for students and faculty. Two research programmes are currently available in the University are Ph.D. and D.Lit./D.Sc. in addition to M.Phil. The Research Councils in Arts, Science and Medical Science monitor the research activities of the Departments. Almost all teachers are pursuing research and nearly more than 85% of them guiding research works of the registered research scholars. AT the end of the year 2011, there were 256 registered scholars and during the year 2011 altogether 66 (32 Arts, 34 Sciences) research scholars were awarded Doctor of Philosophy (Ph.D.). Eleven departments were offering M.Phil. course. These are Assamese, Chemistry, Commerce, Economics, English, History, Mathematics, Physics, Political Science, Sociology and Statistics. Sixteen departments of the University are now having research projects under UGC's SAP. The total number of ongoing research projects in the University including the SAP projects towards the end of the year 2011 was 65. Two research centres namely K.D. Malyavya Chair and Shri Shri Aniruddhadeva Chair are doing extensive research on Geology and Medieval Assamese Culture respectively.

## Guidance of Affiliated Colleges :

The University provides guidance to its affiliated colleges to develop various academic programmes. The College Development Council of the University monitors the academic performance of the affiliated colleges. The curricula and syllabi for different branches of the studies taught in the colleges are framed and updated by the Boards of Studies – one for each branch of studies. The University has at present (2011) 36 such Boards of Studies.

Number of Affiliated Colleges of the University under different categories is shown below :

### A. General Colleges :

(i)	Permanent affiliation	=	87
(ii)	Temporary affiliation	=	25
(iii)	Permitted colleges	=	15
<b>Total</b>		<b>=</b>	<b>127</b>

### B. Professional Colleges :

(i)	B.Ed.	=	11
(ii)	Law	=	06
(iii)	Medical Colleges	=	01
(iv)	Engineering	=	01
(v)	Homeopathic	=	01
(vi)	Paramedical institution	=	02
(vii)	Hotel Management	=	01
<b>Total</b>		<b>=</b>	<b>24</b>

### C. Number of Colleges and institutions where certain courses are permitted / recognized by Dibrugarh University -

(i)	Management	=	04
(ii)	Information Technology	=	02
(iii)	Law	=	02
(iv)	Echo-restoration	=	01
<b>Total</b>		<b>=</b>	<b>09</b>

## **Infrastructure and Learning Resources :**

The University campus stretched a five acre of land. In spite of having large area under physical assets, the campus has still enough greenery.

### **Academic infrastructure :**

Each teaching department is allotted either an independent 2/3 stories RCC building or independent floor(s) with separate class-rooms, office room, separate sitting room for each teacher with internet facility, departmental library room, sitting room for research scholars, laboratory room(s) (wherever necessary), separate toilets for teachers and students, pantry, store room, etc. Class-rooms are spacious, furnished with modern and elegant furniture, fitted with white / green boards, projector screens (in certain cases) curtains, etc. The combined floor area of all buildings of the teaching departments together is about 48,500 sq.m.

### **Administrative infrastructure :**

The University has recently completed the construction of a big Administrative Complex having two blocks, each with 2/3 floors, the total floor area of the complex is about 11,500 sq.m. This complex accommodates almost all the branches of the Office of the Registrar, such as, General Administration, Accounts, Establishment, Students' Welfare, Examination, Directorate of College Development Council, IQAC office, etc.

A newly constructed two storied building near the Administrative Block accommodates the office of the Vice-Chancellor with an attached Conference Room. The building also accommodates the office of the Director of College Development Council.

The Directorate of Distance Education and the Planning & Construction Branch are housed with independent floor in a double storied building near the Administrative Complex.

The University Library, near the Administrative Complex is a huge four storied building having a total floor area of 5,226.00 Sq.m.

Four Girls' Hostels accommodating 470 girls and four Boys' Hostels accommodating 365 boys are situated within the campus. Four more hostels (one for the Research Scholars, two for the Professional students and one for the students of Business Administration) have recently been constructed, where about 400 more students are going to be accommodated.

On half-way between the hostels and the Administrative Complex, the University Canteen, Students' Union Office, A PCO with Xerox facilities and the Indoor Stadium are situated, each having its own building.

The University Health Centre is functioning from a spacious building constructed for the purpose. The hospital has 10 beds for inpatients and adequate number of medical and paramedical personnel.

Nearly 40% of the teachers and 20% of the employees stay in quarters provided by the University within the campus. Construction of a few more quarters for the teachers, officers and employees are going on, which shall accommodate 36 more families.

The University runs a Secondary School affiliated to the Secondary Education Board of Assam (SEBA) for the benefit of the campus dwellers and the neighbourhood.

The University Guest House inside the campus can accommodate nearly 30 guests at a time.

A separate building with a conference hall accommodates the Office of the Dibrugarh University Teachers' Association (DUTA). A similar type of building is accommodating the Office of the Dibrugarh University Officers' and Employees' Associations. A big conference hall with all modern facilities is nearing completion.

A beautiful auditorium having 2,000 sitting capacity with fine acoustic stands at the Centre of the Campus.

A fully computerized full-fledged branch of the State Bank of India and a Sub-Post Office are located within the campus for the benefit of the University community and the neighbourhood.

The University has developed a market complex within the campus for the benefit of the campus residents and the neighbouring areas.

### **Transport infrastructure :**

The National Highway 37 passes through the University Campus. All long distance buses from different parts of the North-East pass through the campus. The Dibrugarh Town Railway Station is about 4 KM away from the campus. Public and private vehicles ply regularly between the city and the University campus.

The University prefers to outsource its transport requirements. However, a small fleet of vehicles consisting of five cars, one school bus and two ambulance vans is maintained by the University for meeting its regular and emergency transport needs.

### **Water and Power supply :**

All teaching departments, offices, hostels, hospital, residential quarters, guest house and other buildings of the campus are well connected with water and power supply networks which ensure 24 hour running water and power supply facilities.

Three canteen spreads over the campus cater to the needs of the students. Besides the central library each department / centre has departmental library. Apart from books and journals the library offers internet services through VST and Broad-Band. As many as 5,500 e-journals through INFLBNET services.

## **2. New academic programmes initiated (UG and PG) :**

The new Academic Programmes initiated during 2011 –

- (i) B.A. in Performing Arts.
- (ii) M.A. / M.Sc. in Geography
- (iii) PG Diploma in
  - (a) Actuarial Science
  - (b) Journalism & Mass Communication

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

The teaching-learning process of the University is regularly being updated. During 2011 following changes and innovative practices were incorporated in the syllabi of some courses.

The post-graduate (MA) syllabus in Economics was revised in 2008 and several concepts have been incorporated therein.

The Post-graduate and under-graduate syllabi in Assamese were also revised during the year to incorporate recent developments in Assamese literature and language.

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

All the new academic programmes introduced during 2011 and stated under Sl.No. 2 above are inter-disciplinary.

### **5. Examination reforms implemented :**

Computerization of U.G. Examination process is nearly completion during the year 2011.

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

58 students of the University have been qualified in NET /SLET /GATE Examinations during the year 2011.

NET = 22

SET = 19

GATE = 17



## 7. Initiative towards faculty development programme :

Under the new policy of the UGC, only the Academic Staff Colleges are to conduct refresher / orientation courses. As a result the Dibrugarh University has not been allotted any refresher course since 2006 by the UGC. As many as 26 teachers of the University have attended refresher and orientation courses organized elsewhere. The University has encouraged them to participate in those faculty development programmes by providing duty leave and travelling expenses wherever necessary.

## 8. Total number of seminars / workshops conducted :

Most of the departments and centres of studies have organized seminars, workshops during the year 2011. The following list shows the number of seminars, workshops organized by the various departments and centres – **(symposium and lectures are excluded)**

Department/ Centre	Seminar / Workshop		Date
Applied Geology	1	Seminar	
Assamese	2	Seminar (CAS, ASIHSS)	
	1	Workshop (CIIL & NTM)	
Chemistry	2	Seminar ( 1. Three day National Seminar on Recent Advances in Synthesis and catalysis held on 2. One day celebration of the “international Year of Chemistry ” (UGC funded).	10-12 February, 2011 22.03.2011
	1	Workshop on Drug precursors from Natural Resources under UGC-SAP-DRS-I programme.	29.03.2011
Education	1	Seminar : Issues on social Sector Development in North East India”, (sponsored by UGC)	11.03.2011
Pharmaceutical Science	1	Workshop on ‘Drugs: From Laboratory to market’ (UGC funded)	11 <sup>th</sup> Nov., 2011

Statistics	2	<p>1. Workshop/Training programs for “Six Sigma Green Belt” jointly organized by ISI Bangalore &amp; Dept. of Statistics and funded by ISI (B).</p> <p>2. Training Programme on “Numerical and Statistics Computation using MATLAB Software” organized by Dept. of Statistics, D.U. ( Under DRS-I, SAP, UGC)</p>	<p>14 – 16<sup>th</sup> March, 2011</p> <p>21 – 25<sup>th</sup> March, 2011</p>
Centre for Biotechnology	1	BTIS net training program Sponsored by DBT Govt. of India under BIF project	21 – 24 <sup>th</sup> March, 2011
Centre for Juridical Studies	1	<b>Seminar</b> : A seminar on “Legal Profession & Professional Ethics.”	26 <sup>th</sup> Nov, 2011
Centre for Library and Information Science studies	1	<b>Seminar</b> : (i) Computer Application in Academic Libraries in Upper Assam.	25 <sup>th</sup> -29 <sup>th</sup> Sept. 2011
Centre for Performing Arts	3	<p><b>Workshops</b> : (i) NSD passed out &amp; studying now at London School of Performing Arts.</p> <p>(ii) 10 day theatre workshop</p> <p>(iii) A production oriented theatre workshop on Play “Raja” of Rabindra Nath Tagore</p>	<p>20<sup>th</sup> – 22<sup>nd</sup> Sept, 2011</p> <p>24<sup>th</sup> Oct to 3<sup>rd</sup> Nov, 2011</p> <p>5<sup>th</sup> Jan to 23<sup>th</sup> Feb, 2011</p>
Centre for Women Studies	1	Seminar : 2 (two) days state level seminars on “Human Right and Women : North East Prospective”	14 <sup>th</sup> and 16 <sup>th</sup> May, 2011
	1	Workshop : General Budgeting and Women Empowerment Ministry	6 <sup>th</sup> -7 <sup>th</sup> March, 2011

## 9. Research Projects :

### (a) Newly Implemented during 2011

Anthropology	-	3
Applied Geology	-	5
Assamese	-	2
Commerce	-	1
Economics	-	2
Education	-	2
History	-	4
Mathematics	-	4
Pharmaceutical Sciences	-	2
Petroleum Technology	-	1
Statistics	-	1

### (b) Research Completed

#### Anthropology :

- (i) Dr. Indira Borua - Socio-Demographic Study Among the Tangsas of Arunachal Pradesh. ICSSR, New Delhi.

#### Life Sciences :

- (i) Dr. S.P. Biswas - Inventorization of fish and aquatic megafauna of Dibrugarh-Saikhowa National Park. MOEF< New Delhi.
- (ii) Dr. D.S. Bora - A study on host-parasitoid interactions with special reference to Uzi fly (Diptera: Tachinidae) and Antheraea assama (Lepidoptera Saturnilidae)
- (iii) Dr. M. Islam - Biodiversity of Eukaryotic microfungi in soils of the south bank Brahmaputra Plains corridor. DST, New Delhi.

#### Applied Geology :

- (i) Dr. J.N. Sarma - Drainage analysis around Eastern Tripura &

- Mizoram NELP Block as an integral approach for hydrocarbon exportation – ONGCL Jorhat.
- (ii) Dr. J.N.Sarma - A study on Quarternary geology and role of neotectonics along with the drill core sampling for an integrated study of the alluvial plain between the Noa Dihing and Burhi Dihing Rivers in Brahmaputra Valley, Assam. – DST , New Delhi.
- (iii) Dr. U.Goswami - Characterization of subsurface hydrogeology of the shallow aquifer regime in the interfluv between Noa Dihing and Burhi Dihing rivers. – DST, New Delhi.
- (iv) Dr. Prodip Borgohain Digenetic heterogeneity and reservoir Quality of the Oil bearing tipam sandstone formation of Upper Assam Shelf.

**Assamese :**

- (i) Prof. B.K. Boruah - Nagamese Dictionary (Trilingual) MRP.
- (ii) Dr. Arpana Konwar - Standardization of the language and Preparation of Descriptive Grammer.

**Commerce :**

- (i) Dr.(Mrs.) A.B. Rajkonwar A study on small and Medium Enterprises (SMEs) in Assam for entrepreneurial development. UGC, New Delhi.

**Economics :**

- (i) - Problems and Prospects of Development in Border Areas of North-East India. – 13<sup>th</sup> Finance Commission (TFC), Govt. of India.

**History :**

- Dr. N. Boruah - (i) Mayamara Vaishnava Samajar Than Satra – Itihas aru Aututa – Shri Shri Aniruddhadeva Chair, Department of History, Dibrugarh University.

(ii) The Morans : An Ethno-Historical Account’  
– Department of Tribal Studies, Government of Assam.

(iii) Historical Geography of early Assam, from the inscriptions.

**Mathematics :**

- Dr. S. Borkotokey - (i) Cooperative Games with fuzzy coalitions and vague expectations.  
(ii) Mathematical modeling of Networks with emphasis on cooperative game theory. DST, New Delhi.

**Pharmaceutical Science :**

- (i) Prof. L.K. Nath - Development of laboratory facilities in M.Pharm lab of the Dept. of Pharmaceutical Sciences, Dibrugarh University - AICTE (MODROB)
- (ii) Prof. L.K. Nath - Formulation Development of Mucoadhesive Tablet of Acyclovir using a novel binder isolated from *Phaseolus acontifolius*. – UGC - NRP
- (iii) Mr. H.K. Sharma - Design and Evaluation of Controlled Release Hydrogel Microsphere Composed of Natural Polysaccharides grown in Assam. - UGC
- (iv) Mr. Aparoop Das - Development of Infrastructure for Qsar and Drug Design Lab for Teaching and Research - AICTE
- (v) Dr. Sanjib Das - Upliftment of Pharmacology Laboratory for Research Work - AICTE
- (vi) Dr. Malay Kumar Das - Development and evaluation of water activated pH – controlled patch for transdermal administration of antiviral drugs.

## **Political Science :**

- (i) Ms. Dolly Phukan - Portrayal of Women in Print Media in Assam – UGC.

## **9. Patents generated, if any :**

**Assamese :** Lyrics of Dibrugarh University Anthem by Prof. Karabi Deka Hazarika.

## **11. New collaborative research programmes :**

Two major collaborative research are currently going on in the University :

- (i) The DST, Government of India has recently sponsored a collaborative research project in the Department of Chemistry, Dibrugarh University for an amount of Rs. 6,84,000.00.

Name of the Project “ Design of Nanophase and Immobilized Platinum Metal bases Materials as Noval Catalysts for H.C. Conversion Process.”

The Project is to be implemented by Dr. Pankaj Das, Department of Chemistry for Three Years with Dr. Svetlana N. Oralic, Professor, Catalytic Redo Process, L.V. Pizarzhevsky Institute of Physical Chemistry, National Academy of Sciences, Kieve, Ukraine.

- (ii) The Indian space Research Organization (ISRO) has sponsored a Collaborative Research Project in the Department of Physics, Dibrugarh University for an amount of Rs. 46.55 Lakh for 5 years.

Name of the Project : “ Measurement of Aerosource”

The project is to be implemented by Prof. P.K. Bhuyan & Dr. K.Bhuyan of the Department of Physics, Dibrugarh University “G”, SPL, VSSC, Trivandram.

- (iii) All SAP projects call for collaborative research by the faculty members. There are eight (8) such projects in as many departments. Three more departments are expected to be awarded major research project under UGC's SAP programme.

## **12. Research grants received from various agencies :**

An amount of Rs. 2,96,09,744/- was received as Research grants form various agencies like UGC, ICSSR, DST, OIL, ONGC, Govt. of India, Govt. of Assam, ISRO, etc. during the year.

## **13. Details of research scholars :**

There are 144 registered Ph.D. scholars and 22 M.Phil. Students at the end of the year 2011. During the year 52 scholars were rewarded Ph.D. degree.

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

No record is maintained.

## **15. Honors / Awards to the faculty :**

Three retired professors of the University have been awarded Emeritus Fellowship – two by the UGC and the other by the DST.

## **16. Internal resources generated :**

The Internal Resources generation of the University has been increasing since the last five years. During the year under report the University could generated nearly 48% of its expenditure from the different sources, such as, fees, rental, overhead charges, etc.

### **17. Details of departments getting SAP, CONSID (ASSIST) / DST-FIST, etc. :**

Eights departments of the University have research projects under SAP, Viz. Anthropology, Applied Geology, Assamese (CAS), Chemistry, Economics, English, Mathematics and Physics.

However, in the year 2011, no SAP project was awarded to the University.

Three departments have projects under DST-FIST programme, viz. Anthropology, Applied Geology and Mathematics.

### **18. Community services :**

During the year the NSS wing of the University has organized several community service programme in different flood and erosion affected areas of the district of Dibrugarh. The Department of Life Sciences has organized the awareness programmes – one on wildlife protection, one on ornamental fish culture and another on echo-restoration. The Centre for Women Studies has organized 5 awareness camps on different aspecgts of women empowerment among the rural women of the district. The Centre for Management Studies has organized two programmes on environmental protection. The Department of Economics has organized community health awareness programmes and a training course for the SHGs of Dibrugarh and Tinsukia districts of Assam.

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

Four vacant posts of teacher and three vacant posts of officer were filled up during the year while 15 teachers were newly recruited on contractual basis in various Departments and Centres of Studies.

### **20. Teaching – Non-Teaching staff ratio :**

The ration of teaching and non-teaching staff is 1:3.



## 21. Improvements in the library services:

Automated, number of e-journal has increased form 4,700 to 5,500 during 2011.

## 22. New books / journals subscribed in 2011 and their value :

	Number	Total cost (in Rs.)
<b>Text Books &amp; Reference books</b>	<b>4708</b>	<b>51,28,304.00</b>
<b>Journals / Periodicals</b>	<b>175</b>	<b>3,27,472.00</b>
<b>Departmental Library</b>	<b>NIL</b>	<b>NIL</b>

## 23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:

In all the Post-Graduate courses, students assessment of teachers has been introduced and the feedback data are analyzed and the result are forwarded to the Vice-Chancellor for necessary action.

## 24. Unit cost of education :

**Unit Cost :** With salary                      Rs. **2,64,487.98** (per year)  
Without salary                              Rs. **48,912.95** (per year)

## 25. Computerization of administration and the process of admissions and examination results, issue of certificates.

More branches of administration are being computerized, Examination process, mark-sheet preparation, fee collection, etc. have been computerized, both at PG and UG levels.

## 26. Increase in the Infrastructural facilities :

- (i) Construction of the building for the Centre for Studies in Bio-Technology has been completed during the year.

- (ii) Construction of the building for the office of the Vice-Chancellor with a conference room has been completed.
- (iii) Construction of a ten bedded hospital has been completed.
- (iv) Four new hostels for the boys and girls having 400 capacity have completed.
- (v) Construction of the building for Centre for Juridical Studies has been completed.
- (vi) Few residential quarters and flats are almost ready for occupation towards the end of the year 2011.

Construction works of several other infrastructure projects is going on in the campus during the year.

### **27. Technology upgradation:**

Entire University services, Departments, Centres of Studies have been provided with internet facilities through V-SAT & Broadband. **The installation of MIS is almost completed.**

### **28. Computer and internet access and training to teachers and students :**

The Centre for Computer Studies of the University regularly arranges short-term computer training for the employees & teachers. Almost all the employees (grade III & above) and teachers of the University are now computer literate.

### **29. Financial aid to students:**

Financial assistance to the poor and meritorious students from the Students' Aid Fund is being given in addition to awarding one scholarships to students of each department. The State Govt. and Central Govt. scholarships and endowment scholarship for the students are being disbursed by the University.

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

In addition to the Alumni Association of the University, each Department / Centre of Studies has its own alumni association. The alumni association meets atleast one in a year

either the campus or elsewhere and exchange ideas among themselves. For several years now the association has been providing feedback for the healthy growth of the University. The Association is also contributing towards infrastructure development of the University.

### **31. Activities and support form the Parent-Teacher Association**

The University does not have Parent-Teacher association. But its Teachers Association is contributed towards the all-round development of the University.

### **32. Health services:**

The University Health Centre is a well maintained 10 beded hospital with required number of medical and paramedical staff.

### **33. Performance in sports activities:**

Dibrugarh University Sports Board looks after the games and sports and culture activities of the Students of both the University and its affiliated colleges. Every year the Sports Board organized Inter-College sports and cultural meets besides organizing and sending teams to various inter-university tournaments organized at national and zonal levels.

During 2011, following sporting and cultural events took place –

- (i) Inter College Football Competition (Men) was organized by Dibrugarh University Sports Board (Zonal/Interzonal) Dibrugarh from 04.10.2010 to 30.10.2010.
- (ii) Inter College Football Competition (Women) was organized by Sadiya College, Sodiya from 12.11.2010 to 13.11.2010.
- (iii) Inter College Table Tennis (M/W) was organized by H.P.B. Girls College, Golaghat from 08.10.2010 to 09.10.2010.
- (iv) Inter College Badminton (M/W) was organized Dibrugarh University Sports Board at Dibrugarh University Campus from 29.10.2010 to 30.10.2010.
- (v) Inter College Cricket Competition (Men) (INTER ZONAL) was organized by Dibrugarh University Sports Board at Dibrugarh University Campus from 04.12.2010 to 22.12.2010.
- (vi) Inter College Volleyball Competition (M/W) was organized by S.M.D. College, Charing from 10.12.2010 to 11.12.2010.
- (vii) Inter College Weight Lifting and Body Building (Men) & Power Lifting (M/W) was organized by Moran College, Moiran From 12.01.2011 to 13.01.2011.
- (viii) Inter College Youth Festival was organized by Dhemaji College, Dhemaji from 21.01.2011 to 23.01.2011.

- (ix) Inter College Athletic Meet was organized by JDSG College, Bokakhat from 07.01.2011 to 09.01.2011.
- (x) Inter College Kababadi (M/W) was organized by Doom Dooma College, Doom Dooma from 15.12.2010 to 16.12.2010.
- (xi) Inter College Archery (M/W) competition organized by D.K.D. College, Dergaon from 3.12.2010 to 04.12.2010.

#### **34. Incentives to outstanding sportspersons:**

Three seats in the PG Departments are reserved for outstanding sports persons.

#### **35. Student achievements and awards :**

One scholarship for each PG Departments conducting M.A./M.Sc./M.Com. courses is awarded annually to a regular and bonafied student who has secured the highest aggregate marks in the First and Second Semester Examination combined together.

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

Each Department has its Guidance and Counseling Cell which is regularly guiding and counseling the students on academic matters as well as on career opportunities. The Training and Placement Cell of the University regularly arranges training and counseling programs on career development.

#### **37. Placement services provided to students :**

The Training and Placement Cell of the University makes arrangements for the placements of the students of the University. Every year counseling of students are arranged by the Cell with the prospective employers from industry and service sector undertakings.

#### **38. Development programmes for non-teaching staff:**

The non-teaching staff of the University are given wherever necessary, training in the new technology or procedure to be introduced in the administration including ICT services. Almost every year, one or two officers is/are sent for short term training in office/library

automation/upgradation. Environmental awareness programmes are organized among the employees by the Department of Life Science and the Centre for Management Studies.

In the year 2011, a batch of ten employees of the University was deputed to attend the “Six-day Training Programme for Non-Teaching Staff” of the UGC, organized by the Academic Staff College, Gauhati University.

### **39. Healthy practices of the institution :**

Students representative in decision making bodies, utilization of University’s vacant and unused land by planting tea bushes and Jetropha (bio-diesel) plants; holding entrance test for admission into Ph.D. programme; maintenance of a clean and pollution free campus, holding academic seminars, workshop, focus group discussion on regular basis in each Department and Centre for Studies are some of the health practices of the University.

### **40. Linkages developed with National / International, academic / Research bodies :**

Towards the end of the year 2011, the University has developed research and academic linkages with following National and International academic and research bodies.

- (i) North East Institute of Science and Technology (NERIST) , Jorhat.
- (ii) North East Regional Institute of Science and Technology (NERIST), Itanagar, Arunachal Pradesh.
- (iii) Toklai ATea Research Association, Jorhat.
- (iv) Omeo Kumar Das Institute of Social Change and Development, Guwahati.
- (v) Indian Grain Research and Development Institute, Assam Agricultural University, Jorhat.
- (vi) Anandoram Baruah Institute of Language, Arts and Culture, Guwahati.
- (vii) Central Institute of Assamese Studies, Jorhat.
- (viii) Regional Medical Research Centre, Lahowal, Dibrugarh.
- (ix) Agro Economic Research Centre, Jorhat.
- (x) Birbal Sahani Institute of Palaeobotany, Lucknow.
- (xi) Oil India Limited, Duliajan.
- (xii) Oil and Natural Gas Corporation, Sivasagar.

- (xiii) Gauhati University.
- (xiv) Asom Sahitya Sabha, Jorhat.
- (xv) North East India History Association, Guwahati.
- (xvi) North East Economics Association, Guwahati.
- (xvii) IIT, Guwahati.
- (xviii) Indain Council of Social Science Research, New Delhi / Shillong.
- (xix) Sahitya Akademic, New Delhi.
- (xx) Maulana Abdul Kalam Azad Institute (MAKAI), Kolkatta.
- (xxi) ISRO
- (xxii) Pasteur Institute, Paris.
- (xxiii) Vivekananda Institute of Medical Science, Kolkatta.
- (xxiv) National Academy of Science, Ukrain.
- (xxv) European Commission, Belgium.
- (xxvi) National Science Foundation, Virginia, USA.
- (xxvii) University of Calgary, Canada.

**41. Any other relevant information the institution wishes to add :**

## PART – C

**Detail the plans of the institution for the next year (2012):**

**The proposals that were mooted are :**

- (i) Introduction of Management Information System (MIS) to build a complete database.
- (ii) Infrastructural Development Programme –
  - a) Construction of an entertainment–cum-cultural park on a 12 acre plot of land in front of the Administrative block.
  - b) Completion of the construction of a few teachers, officers and employees quarters.
  - c) Completion of the ICT centre.
  - d) Construction of Student Day Activity Centre, a Girls’ Hostel, Concrete Fencing of Playgrounds with Pavilions.
  - e) Construction of a new Indoor stadium.
- (iii) Introduction of Semester in the Under-graduate Courses from 2011.

NB : As of date the proposals mooted have already been given into shape.

  
Name & Signature of the  
Coordinator, IQAC  
Director i/c  
IQAC  
Dibrugarh University

  
Name & Signature of  
the Chairperson, IQAC  
Registrar  
Dibrugarh University  
DIBRUGARH