

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

2012 - 2013

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- 2012**

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Year of Report : 2012

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 sparses 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 4094 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 Managements 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.

**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	10	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. LL.M, M.A. in Performing Arts (Theatre Arts)	29	MA: Assamese, Economics, Education, English, History, Political Science, Sociology, Geography, Social Works, Performing Arts (Theatre Arts) 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 LL.M.

PGD	1	PGDCA, PGD in Tai Language, PGDJMC, PGDF, PGDM, PGDTM, PGDTTPM, PGDSTC, PGD in Actuarial Science, PGDRD, PGDEPML, *PGD in Oil-Well Drilling Technology	12	PGD in Computer Applications, PGD in Tai Language, PGD in Journalism and Mass Communications, PGD in Finance, 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, Population Studies leading to Masters' degree, Applied Psychology, Yoga Education, Women's Studies *PGD in Oil-Well Drilling Technology
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 *APGD in Nano Science and Composite Materials	4	APGD in Atmospheric Science, APGD in Telecommunications, *APGD in Petroleum Exploration Geo-Physics *APGD in Nano Science and Composite Materials
Diploma	1	Diploma in Computer Applications, Tai Language, Chinese Language, 3 Months Certificate Course in Spoken Tai, Diploma in Performing Arts,	6	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 seventy two(172) affiliated / permitted colleges under Dibrugarh. Among them, 131 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"> 1. Assamese 2. Bengali 3. Hindi 4. Bodo 5. Nepali 6. Elective Language (Assamese/Bengali/Hindi) 7. Sanskrit 8. History 9. Economics 10. Education 11. Philosophy 12. Political Science 13. Sociology 14. Mathematics 15. Statistics 16. Anthropology 17. Geography 18. Home Science 19. Information Technology 20. Human Rights 21. Environmental Sciences 22. Psychology 23. Fine Arts and Music 24. Social Work 25. Tribal Studies and Rural Development
2	B.Sc.	Under Graduate	21	<ol style="list-style-type: none"> 1. Physics 2. Chemistry 3. Botany 4. Zoology 5. Anthropology 6. Geology 7. Geography 8. Statistics 9. Mathematics 10. Economics 11. Home Science 12. Electronics 13. Computer Science 14. Information Technology

				15. Pharmaceutical Chemistry 16. Medical Physics 17. Microbiology 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. (Ecorestorati on)	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			Total Subjects/Programme options: 98	

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 2012, there were 256 registered scholars and during the year 2012 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. Sisten 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 2012 was 65. Two research centres namely K.D. Malyavya Chaior 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 (2012) 36 such Boards of Studies.

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

A. General Colleges :

(i)	Permanent affiliation	=	97
(ii)	Temporary affiliation	=	26
(iii)	Permitted colleges	=	08
Total		=	131

B. Professional Colleges :

(i)	B.Ed.	=	11
(ii)	Law	=	06
(iii)	Medical Colleges	=	01
(iv)	Engineering	=	01
(v)	Homeopathic	=	01
(vi)	Sattriya Sangeet Mahavidyalaya	=	01

Total = 21

C. Other Professional Colleges :

(i)	Paramedical	=	01
(ii)	Management / Other Institutions (NERIM, GATE, NEIMS, SIPE, BOSCO, NEF, Global Engineering Academy, NEIPC, ISBM, AIMT, BARDS, ACE, AIMC & MR, MAWC)		
(iii)	M.Sc. in Eco restoration	=	01
(iv)	Media Courses	=	04 (Centres)

Total = 20

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 building has been occupied at the end of 2012.

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 2012 –

- (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 2012 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 2012 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 2012.

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

36 students of the University have been qualified in NET /SLET /GATE Examinations during the year 2012.

NET = 55

SET = 22

GATE = 12

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 :

Almost all departments and a few centres of studies have organized seminars, workshops during the year 2012. The following list show the number of seminars, workshops organized by the various departments – (symposium and lectures are excluded)

Department/ Centre	Seminar / Workshop		Date
Economics	1	“National Seminar on Post Harvest Management for Agricultural Development in North East India” Under DRS-II, SAP of UGC	23 rd February 2012
English	1	National Seminar on “Memory and Re-memory in post Colonial Fiction” on	12 th and 13 th March, 2012.
Assamese	1	Workshop on finalization of Multilingual Dictionary	March, 2012
History	1	Dr. Dambarudhar Nath- Methodology, organized by the ICHR at the Department of History, Rajiv Gandhi University, Itanagar, on	24-25 March, 2012
Commerce		i) UGC sponsored –‘One week workshop on teaching methodology in Commerce under the semester course’, Coordinated by Prof. A.B. Rajkonwar. ii) FDI in Retail Marketing-Myth or Reality, Coordinated by Prof. A.B. Rajkonwar. iii) Training of Trainers (TOTs) Workshop under UGC scheme on iv) “Capacity Building of Women Managers in Higher Education”, , Coordinated by Prof. A.B. Rajkonwar.	March 12-16, 2012 19 th October 2012 17 th of Dec to 22 nd Dec 2012

Statistics	1	One day Workshop on “Creating Awareness about Official Statistics in India” <i>Organised By</i> Department of Statistics, Dibrugarh University and Sponsored by National Academy of Statistical Administration (NASA), Greater Noida, UP, India	March 3rd, 2012
Pharm. Sciences		International Symposium : “Sustainable Public health Practises for Good Health, Peace and Prosperity”	24 th Feb, 2012.
Mathematics	1	Workshop on ‘ <i>Uncertainty Modeling and Analysis</i> ’. sponsored by NBHM and UGC,	23-27 January, 2012
	1	9 th Micro Seminar on Nonlinear Phenomena. Funding Source : Local Sponsors.	23 March, 2012.
Department Of Petroleum Technology		National Workshop on “Water (Low Saline) & Gas injection for improved oil recovery in Oil fields of Upper Assam Basin”,	23 rd & 24 th March 2012.
Department of Applied Geology		workshop on “ <i>Use of INTERPEX ID VES data interpretation software and electrical tomography</i> ”. 26-27 April, 2012 at Dibrugarh on behalf of the SPG, Dibrugarh University Chapter and Geosol, a consultancy wing of the Department of Applied Geology, Dibrugarh University.	26-27 April, 2012
Centre For Computer Studies		(i) Workshop on “Algorithm for Wireless Network” funded by ISI, Kolkata.	8-10 February, 2012
		(ii) Workshop on “Android Mobile Application Development” in association with ARK Techno solution, Mumbai.	8-9 September, 2012
		(iii) Invited talk on Unicode.	14 th September, 2012
Centre For Management Studies	1	San Milan – An Industry-Academia interaction organized by the students on	November, 2012

9. Research Projects :

(a) Newly Implemented during 2012

Assamese	-	2
Commerce	-	1
Education	-	1
Economics	-	2
Mathematics	-	1
Pharm. Sciences	-	8
Petroleum Technology	-	1

(b) Research Completed

Chemistry :

Sl. No.	Name of the faculty member	Title of Project (Minor/Major)	Amount of Fund and Funding Agency
1	Prof. P. K. Gogoi, Co-ordinator Dr.(Ms.) J.G. Handique, Dy. Co-ordinator	SAP-DRS Project on : A scientific study of medicinal properties of some unexplored ethno-medicinal plants of North-East India (Period : 2008-2013)	39.0 lakh, University Grants Commission, New Delhi (Under SAP-DRS-I)
2	Dr.(Ms.) J.G. Handique	Synthesis, characterization and physicochemical properties of some polyphenols with simple dendritic architecture (Major) (2008-2012)	Rs. 30.9 lakh, DST, Govt. of India
3	Prof. (Mrs.) A. Dutta	Synthesis of ion conducting Polymers from N-vinylimidazole” (Minor, 2012)	Rs. 1.35 lakh, University Grants Commission, New Delhi
4	Dr. U. Bora	Development of novel transition metal based catalytic systems for cross coupling reactions	Funded by UGC New Delhi, for three years starting from 2012
5	Dr. U. Bora	Synthesis and Application of novel Palladium based catalyst for Suzuki-Miyaura Reaction	Funded by DST, New Delhi, for 3 years starting from 2010

6	Dr. U. Bora	Development of Palladium-Based Catalytic System for Carbon-Carbon Bond Formation Reactions in Aqueous Solution	Sanctioned in 2011 under Indo-Swiss collaborative project under joint utilization of facilities funded By DST & EPFL
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Economics :

Name of the Faculty Member	Title of the project (Major/Minor)	Amount of Fund and Funding Agency
1. Dr. D.K.Chakraborty.	Potentialities and Problems of Border Tourism in North East India	Rs 5,45,000.00 sponsored by UGC
2. Dr. A. Mahanta.	Maternal and Child Health: A study of the Mishings os Assam.	Rs.1,40,000.00 sponsored by UGC
3. Pranjal Protim Buragohain	a. “An enquiry in to the Socio Economic status of the Tai – Ahoms: A case study	Rs 1,00,000.00 sponsored by U.G.C (Minor)
	b. Performance and sustainability of Micro Finance Institutions with special reference to poverty alleviation : A case study of India and Bangadesh	Rs 1,00,000.00 sponsored by U.G.C (Minor)

Statistics :

Name of the faculty member	Title of project (Major / Minor)	Amount of Fund and Funding Agency
Dr. M.P. Barman	Minor Research Project : “Differentials in Immunization Coverage between two Districts of Assam : A Statistical Perspective”	1,70,000/- and UGC

History :

Name of the faculty member	Title of project (Major/Minor)	Amount of Fund and Funding Agency
Dr. Dambarudhar Nath	The Satra Institution of Assam- Understanding the Interface of Changing Satra-Society Relationship (to be completed)	Maulana Abul kalam Azad Institute of Asian Studies, Kolkata, Rs. 6,70,000/-
	Culture and Community Formation in Assam- A Study of the Moran Mataks (Completed in 2012)	UGC, Rs. 7,50,000/-
	Origin and Evolution of the Mayamara Satra (going on)	SSAC Project
Dr. Jahnabi Gogoi Nath	Society and Patriarchy in Colonial Assam: A Study of Changing Status of Women in 19 th and Early 20 th Century	Rs.8,44,570 UGC

Physics :

Name of the faculty member	Title of project (Major/Minor)	Amount of Fund and Funding Agency
Prof P K Bhuyan	1.ISRO GBP ARFI (continued since 2006)	Rs 10 lac, ISRO
	2.ISRO GBP ATCTM (continued since 2011)	Rs 16 lac, ISRO
	3. ISRO SSPS (continued since 2009)	Rs 4.9 lacs
Dr. Kalyan Bhuyan	One continuing (ISRO CAWSES-II, Theme-2 Project)	
Dr. U. D. Goswami	Study of TeV gamma ray emission from magnetars using HAGAR telescope of Indian Astronomical Observatory at Hanle (Major).	Rs. 15,45,000/-, Department of Science and Technology, Govt. of India.

Political Science :

Name of the faculty member	Title of the Paper	Amount of Fund and Funding Agency
1.Rubul Patgiri	1. A study on the response of the state to the ethnic demands in Assam in the Post Independence Period.	Rs 150000, UGC (Minor)

Mathematics :

Name of the faculty Member	Title of project (Major/Minor)	Amount of Fund and Funding Agency
1. Prof. B.R. Sharma	Major Research Project on <i>'Effects of Pressure Gradient and Temperature gradient on separation of Binary Fluid Mixture'</i> .	8,45,800/-, Funded by UGC (on going)
2. Prof. A.K. Baruah	Major Research Project on <i>Study on Graph Theoretic Modeling in Traffic Control Problem's</i> .	8,45,800/-, Funded by UGC (on going)
3. Prof. P.N. Deka	Analysis of Liquid Metal MHD flow through a duct in presence of strong transverse magnetic field	5,42,800/-, Funded by UGC (on going)
4. Dr. T. Ali	Major Research Project on <i>'Mathematical Modeling of Evolutionary Biology'</i>	10,81,000/- Funded by DST (on going)
5. Dr. T. Ali	Modelling of Uncertainty and Variability in Radiological risk assessment	20,00000/- Funded by UAE (on going)

Applied Geology :

Name of the faculty member	Title of project (Manor/Minor)	Amount of Fund and Funding Agency
Prof. Dilip Majumdar	Ongoing Project on: SOURCE ROCK POTENTIAL OF THE DISANG SHALES OCCURRING IN PARTS OF TIRAP AND CHANGLANG	Amount: 12,93,800/- Funding Agency: University Grants Commission, New Delhi

	DISTRICTS OF ARUNACHAL PRADESH (till Jan. 31, 2013)	
Dr. Uttam Goswami	“A GIS based study of the changes in the morphology of the Subansiri River in Assam, India brought about by the Lower Subansiri mega dam project”. (Major Project)	Amount: Rs. 7.815 lakh Funding Agency: University Grants Commission, New Delhi
Dr. (Mrs.) Kalpana Deka Kalita	Ongoing Project on: “Biostratigraphy and source rock characterization of the subsurface Upper Palaeocene –Lower Eocene oil bearing rocks in parts of upper Assam Shelf” (Ref. F. No. 39-144/2010 SR dated 27/12/2010 with effect from 01/2/2011)	Amount: 9,57,300/- Funding Agency: University Grants Commission, New Delhi

Engineering (SAMEER), a government of India initiative, is under DST consideration.

(iv) Dr. M. K. Das: Conducted collaborative research in USF College of Pharmacy, University of South Florida, USA, Broad area of research: Anticancer Nano Drug delivery systems

v) Dr. K. Zaman: Applied a collaborative DBT project with Jadavpur University, Kolkata.

(vi) Dr. Shukla Acharjee : “An impact study on the Anundoram Boorooah Award Scheme of the Assam Government for AMTRON”, (Work completed for Dhemaji and Dibrugarh District), Educational Technology and Management Academy (ETMA), New Delhi.

(vii) Dr. U. Bora : Encapsulation and value addition of non-conventional food plants of rain forest of Eastern Himalayas (Collaborative research project with Life Sciences . Amount of Fund and Funding Agency - **14 Lakh**, Department of Science & Technology, New Delhi (Under DST-NER)

12. Research grants received from various agencies :

An amount of Rs. 2,62,94,570/- 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 64 registered Ph.D. scholars and 4 M.Phil. Students at the end of the year 2012. During the year 58 scholars were rewarded Ph.D. degree and 13 scholars .

14. Citation index of faculty members and impact factor :

No record is maintained.

15. Honors / Awards to the faculty :

Two retired professors of the University have been awarded Emeritus Fellowship – one 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 2012, 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 1:3.32.

21. Improvements in the library services :

Automated, number of e-journal has increased form 4,700 to 5,500 during 2008.

22. New books / journals subscribed in 2012 and their value :

Particulars	Number	Total cost (in Rs.)
Text Books & Reference books	10852 Nos.	99,65,418.00
Journals / Periodicals	177 Nos.	3,25,037.00
Departmental Library	NIL	NIL

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. 3,75,440/-
 Without salary Rs. 48,913/-

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 20012

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 2012, following sporting and cultural events took place –

- (i) Inter-College Football (Men) competition was organized in Moran College, Moran on 15th to 19th October, 2012.
- (ii) Inter-College Football (Women) competition was organized in Amguri College, Sivasagar on 16 & 17 December, 2012.
- (iii) The Inter-College Table Tennis (M/W) competition was organized by the Dibrugarh University from 1ST and 2nd November 2012.
- (iv) Inter-College Badminton (M/W) was organized on Dibrugarh University Campus on 28 and 29 December 2012.
- (v) Inter-College Volleyball was organized by **Naharkotia College** on 22nd & 23rd December 2012.
- (vi) Inter-College Weight Lifting Competition was organized by Jorhat College, Jorhat on 17th & 18th Dec.2012
- (vii) The Inter-College youth Festival was organized on 20th to 22nd January, 2012 on Dibrugarh University Campus.
- (viii) The annual Varsity Week is held every year.

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 counsellings 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 2012, 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 2012, 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) Anandooram 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) Indian Council of Social Science Research, New Delhi / Shillong.
- (xix) Sahitya Akademi, New Delhi.
- (xx) Maulana Abdul Kalam Azad Institute (MAKAI), Kolkata.
- (xxi) ISRO
- (xxii) Pasteur Institute, Paris.
- (xxiii) Vivekananda Institute of Medical Science, Kolkata.
- (xxiv) National Academy of Science, Ukraine.
- (xxv) European Commission, Belgium.
- (xxvi) National Science Foundation, Virginia, USA.
- (xxvii) University of Calgary, Canada.

PART – C

Detail the plans of the institution for the next year (2013) :

- (i) Management Information System (MIS) has been functional in our University since 2009. The MIS covers the Human Resource Module, Finance and Accounts Module, Purchase & Store Module, Health Centre Module, e-notice Board Module, Establishment Modules and Leave Management Module. All the records of MIS are stored centrally in an Itanium Server with SAN storage facility. Leave Modules for teachers has been implemented from January, 2013 while, Document System Modules, Sports Board Modules, Library Modules, Planning & Construction will be implemented in phases. Examination is not under the umbrella of the MIS and the Exam Data Processing (EDPS) has been effective in Exam System since 2007.
- (ii) To complete the construction of the building of new guest house of the University and it is expected to be completed before December, 2013.
- (iii) To complete the construction of a Flat for teachers and it is expected to be completed before December, 2013.
- (iv) Construction of few girls' hostels is mooted.

S. C. Kakaty
Sd./-
Director i/c, IQAC
Dibrugarh University

A.K. Buragohain
Sd./-
Chairperson, IQAC
Dibrugarh University