

Name of the Institution: ASSAM UNIVERSITY

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

FOR THE YEAR: 2011-12

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Part A:

The plan of action chalked out by the DIQA towards quality enhancement and the outcome achieved

- Following a growing importance of quality enhancement initiative in teaching, learning and research and also the implementation of PBAS-based API for faculty members as per UGC Regulations, 2010, the Directorate of Internal Quality Assurance (DIQA) of the University is catering to the growing academic and administrative needs of the University. Some of the programmes initiated and implemented by the DIQA for fulfilling its avowed aim of quality enhancement and sustenance for teaching and learning and administrative reforms in both campuses of the University are as follows:
 1. For enhancement and sustenance of quality, the Directorate of Internal Quality Assurance (DIQA), initiated and implemented the process of internal academic audit by the External Audit team of all the academic departments of the university.

2. The University has similarly made an ambitious plan to include more academic departments & centres of study in the university ordinance, keeping options for future academic enhancement.
3. Successful completion of E-Governance project “Shreyamsi” which is fully operational in all the academic and administrative blocks of the University.
4. Strengthening of CBCS in PG and UG programmes in the university.
5. Strengthening of ICT enabled teaching, learning, research and administration.
6. Strengthening of faculty and staff development programme.
7. Strengthening of academic programmes.
8. Strengthening further 1PP (Integrated Pre-Ph-D) programme for M.Phil & Ph.D Programmes with course work.
9. Strengthening of student support services.
10. Strengthening infrastructure facilities for academic departments.
11. Organisation of various programmes like seminars, conferences, workshops, special and invited lectures.
12. Strengthening Academic & Administrative Audit.
13. Strengthening Industry – University partnership.

The University could achieve qualitative improvement in teaching, learning & administrative work. Reforms in Ph.D. programmes and introduction of compulsory course work & emphasis given on computerization & use of ICT in teaching, learning & administrative work led to qualitative change in different spheres in the university.

Part B

1. Activities Reflecting the Goals and Objectives of the Institution:

- The genesis and evolution of Assam University prove beyond doubt that it is an ever-expanding centre of advanced learning meant for inclusive growth and promotion of multi-faceted human values. Its aim may be summed up in Latin “*Excelsior*” that is, towards creative and intellectual excellence for the sake of our society and nation. As Assam University is the outcome of the fulfilment of the long standing aspirations of the people, it nurtures a collective dream which is expressed in the primary objective of Assam University which is to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it deem fit and by the example of its corporate life to make provisions for integrated courses in Humanities, Natural and Physical Sciences in the educational programmes of the University, to take appropriate measure for promoting interdisciplinary studies and research studies in the University, to educate and train manpower for development of state of Assam, and to pay special attention to the improvement of the social, economic conditions and welfare of the people of that state, their intellectual, academic and cultural development.

The following measures have been initiated to achieve the goals and objectives of the institution

- (i) To achieve excellence in teaching, the course curriculum has been revised for UG, PG, M.Phil and Ph.D courses with the aim of ushering in the latest developments in all the subjects at all levels and CBCS (Choice Based Credit System), which was introduced in the UG, integrated and PG courses by various departments in the university in 2010 has been further strengthened.
- (ii) To strengthen quality substantially, the University has introduced major reforms in course work programmes for both M.Phil and Ph.D. One semester coursework has been made compulsory and the integrated pre-Ph.D course started during the year 2008-09. Efforts have also been made to start collaborative research work with many national and international institutions through MOUs.
- (iii) Strengthened the facility of ICT enabled teaching and provided the best facilities to the students. Use of LCD Projectors in teaching has been started by many departments in the university. Smart Class projectors have been installed in classrooms in all departments.
- (iv) Computerization of administrative and academic units of the University has been further strengthened.

- (v) Participatory management system has been strengthened by re-organising existing sections into units and the nomenclature has also been changed.
- (vi) Augmentation of infrastructure for faculty, staff and students has been initiated.
- (vii) The University continues to organise special lectures by eminent experts and also arranged many national and international / conferences / seminars / works on different topics during the year.

2. New Academic Programmes Initiated (UG And PG) :

- i. Integrated B.Sc.B.Ed Course
- ii. B. Pharm
- iii. New course in Art and Culture of India in UG programme Bachelor of Visual Arts
- iv. Fast Track Course in French (3 Months' duration)
- v. Certificate Course in Arabic Language
- vi. Specialization in Operations Management in MBA
- vii. PG Diploma in Biodiversity Conservation
- viii. PG diploma in Comparative Aesthetics
- ix. PG diploma in Environmental Philosophy
- x. M. Tech (Information Technology)
- xi. M. Tech (Agricultural Engineering)
- xii. LL.M
- xiii. PhD in Agricultural Engineering

3. Innovations in Curricular Design & Transaction

➤ Designing innovative curricular is a continuous process introduced through Boards of Post Graduate Studies (BPGS) for PG course and Boards of Undergraduate Studies (BUGS) for UG courses in various departments. Internal assessment, assignment, seminars and tutorials are undertaken in transacting curricula in all departments. Besides, ICT-enabled teaching is encouraged in teaching. Some of the innovations in curricular design and transaction during the year include the following:

- (i) The Department of Pharmaceutical Science has designed the syllabus for B. Pharma course, and has got the syllabus vetted by experts from reputed universities.
- (ii) The Department of Visual Arts has restructured and modified the syllabi of BVA and MVA programmes under CBCS.

- (iii) The Department of Law has designed the syllabus for B.A.LL.B (Hons.) and LL.M courses, and the syllabi vetted by experts from reputed institutions, considering the Bar Council of India guidelines
- (iv) The Department of Library & Information Science has re-structured a few courses in the 1st and the 3rd semesters keeping an eye on the convenience of the Examination Software Module as a part of examination reforms.
- (v) The Department of Sociology has introduced field work and dissertation in the M.A course.
- (vi) The Department of Mathematics has introduced a Computer Practical paper in each semester along with a project and an optional paper in the 4th semester of MSc programme
- (vii) The Department of Information Technology has introduced updated elective courses in the B. Tech programme and has also been arranging coaching classes for GATE examination
- (viii) The Department of Education has updated syllabi of MA, M.Ed., PGDEPM and B.Sc. B.Ed. as per the UGC and NCTE guidelines
- (ix) All academic departments designed PG syllabus based on CBCS (Choice Based Credit System)
- (x) Various academic departments have updated inter-disciplinary IPP coursework syllabus for MPhil and PhD students

4. Inter-Disciplinary Programmes Started:

- (i) A Choice-based paper on *Art and Culture of the Oriental and the Western* in the MVA programme is offered to the PG students of other disciplines as well
- (ii) Integrated Pre-Ph.D Programme (IPP) for M Phil & Ph D
- (iv) The Department of Sanskrit has started inter-disciplinary Ph D research under joint supervision with the departments of History, Political Science, Commerce, Ecology & Environmental Science
- (v) The Department of Sociology has introduced interdisciplinary courses such as *Gender and Society, Health and Society, Globalization and Society* in the academic curricula
- (vi) The Department of Education is running inter-disciplinary courses: MA, M.Ed, PG Diploma in Educational Planning and Management

5. Examination Reforms Implemented:

- (i) The Examination schedule has been changed as per the common national pattern.

- (ii) Total examination system has been computerized and made functioning.
- (iii) The results of all the university examinations like UG & PG have been regularly placed in the university website often publication of the result.
- (iv) Semester examinations operational fully in all affiliated colleges as per new semester pattern.

6. Candidates Qualified: NET/SLET/GATE Etc.

- 101 students cleared CSIR-UGC NET, SET, GATE, & other similar competitive examinations.

Students' Excellence:

Department	NET	SLET	JRF	ICSSR	GRE	CAT	ICAR	GATE
Mass com.	02							
Visual arts	01							
Chemistry	04	05	04					
Computer Science	01							
Physics	01	03						
Educational Science	06	05		04	01			
Ecology & Environmental Science		01						
Biotechnology								01
Life Science & Bioinformatics	02	04						
Microbiology								02
Political Science	03	01						
Social Work	04							
Sociology		05						
Business Administration	03							
Commerce	03	02						
Economics		04						
Bengali	02	01						
Hindi	01	01						
Linguistics	02							
Manipuri	06	12	03					
Philosophy	01	04						
Arabic	01							
Agricultural engineering							03	03
Information technology						03		08

7. Initiative Towards Faculty Development Programmes:

- The University deputed teachers for attending orientation/refresher courses as well as other faculty development programmes organized by AICTE during the year. Some faculty members have been granted EOL for undergoing port-doctoral research abroad.

(Details in **Annexure –I**)

8. Total Number of Seminars / Workshops Conducted:

- A total of 53 national Seminars/Conferences/Workshops were organized during the year.

(Details in **Annexure–II**)

9. Research Projects:

- A total of 100 projects have been going on/recently completed in the University.

(Details in **Annexure-III**)

10. Patents Generated, If Any:

Nil

11. New Collaborative Research Programmes:

MoUs have signed with various Institutions at National Level

- Indian Institute of Remote Sensing, Dehradun.
- Institute of Genomic & Integrative Biology, New Delhi
- Indian Statistical Institute , Kolkata
- G.B. Pant Institute of Himalayan Environment and Development, Itanagar
- Division of Forestry, North Eastern Regional Institute of Science and Technology, NERIST, Itanagar
- National Bureau of Plant Genetic Resources (N.E. Regional Station, Shillong)
- New collaborative research programmes with Cachar Cancer Hospital and SMCH
- Collaborative research programme on infertility and cancer started with Chittaranjan National Cancer Institute, Kolkata with funding from Department of Biotechnology, Govt. Of India

12. Research Grants Received From Various Agencies:

- Grants received against research projects etc. as per annual accounts of the University amount to a total of Rs. 1093.27 Lakhs

13. Details of Research Scholars :

Ph.D- **508**

M.Phil- **29**

14. Citation Index of Faculty Members and Impact Factor:

- Impact factor of journals in which the university faculties publish ranges from 0.5 to 6 with various citation indices for individual authors

14. Honours / Awards to the faculty:

Name of the faculty	Name of the department	Name of Award/Fellowship	Conferring agency
Prof. B. K. Dutta	Ecology & Environmental Science	Fellow of Linnean society of London	Linnean society of London
Prof. A. K. Das	Ecology & Environmental Science	Fellow, Society of Ethnobotanists	Society of Indian Ethnobotanists, Lucknow
Dr. Anindya Syam Choudhury	English	Associateship of Inter-University Centre for Humanities & Social Sciences	IIAS, Shimla
Dr. P.B. Mazumder	Biotechnology	DBT Overseas Associateship	DBT, Govt. of India
Dr. Y. Choudhury	Biotechnology	DBT Overseas Associateship	DBT, Govt. of India
Prof. M. Dutta Choudhury	Life Science & Bioinformatics	Fellow of Society for Applied Biotechnology	Society for Applied Biotechnology
Prof. M. Dutta Choudhury	Life Science & Bioinformatics	Fellow of Society for Ethnobotanist	Society for Ethnobotanist, NBRI
Prof. S. K. Panda	Life Science & Bioinformatics	JSPS Visiting Fellow	Faculty of Applied Biological Sciences, Gifu University, Japan
Dr. A. Giri	Life Science & Bioinformatics	DBT Crest Award	DBT, Govt. of India
Dr. A. Bhattacharjee	Microbiology	DBT Crest Award	DBT, Govt. of India
Alauddin Mondal	Bengali	Ustad Abu Dand Smriti Padak	Sangeet Gram, Murshidabad, West Bengal
Dr. Dipendu Das	English	UK-India Staff Exchange programme	UKIERI
Dr. J. K. Sahu	Agricultural Engineering	Jawaharlal Nehru Award	ICAR, New Delhi, India
Dr. J. K. Sahu	Agricultural Engineering	BOYSCAST Fellowship	DST, Govt. of India

Dr. Prasanna Kumar G.V.	Agricultural Engineering	JYOTI Award	ISAE, New Delhi, India
Prof. Rajat Kumar Pal	Information Technology	Steering Committee Fellowship Award	VLSI Design Conference 2012, VLSI International Forum

16. Internal Resources Generated:

- Rs. 5 Lakhs generated in the form of development fee

17. Details of Departments Getting SAP, COSIST (ASSIST)/DST FIST, Etc. Assistance/Recognition:

- The Departments of Ecology and Environmental Science, Bengali, Visual Arts, Life Science & Bioinformatics, Hindi, Philosophy, Physics, Chemistry, Mathematics and Biotechnology are supported by such assistance and recognition.

18. Community Services

- A number of extension activities have been taken up by the various departments of the University. Some of these are:
 - Community development programme i.e. entrepreneurship development programme
 - Legal awareness programme

19. Teachers and Officers newly recruited:

- 17 faculty members and 5 non-teaching officials have been appointed during the year 2011-12

List of newly recruited Teachers during the period 2011-12

SL	Name	Department	Designation	Date of joining
1	Abhishek Bhattacharjee	Pharmaceutical Science	Assistant Professor	02.06.2011
2	Champa Tanga	Elect. & Telecom.	Assistant Professor	13.06.2011
3	Nabin Ch. Dey	Library Science	Assistant Professor	28.06.2011
4	Piyush Pandey	Life Science	Associate Prof.	30.06.2011
5	Nitin Kumar	Agricultural Engineering	Assistant Professor	15.07.2011
6	Nilanjana Chakraborty	Business Administration	Assistant Professor	29.08.2011
7	Arnab Paul	Information Technology	Assistant Professor	01.09.2011
8	Piyush Pandey	Microbiology	Associate Professor	01.09.2011
9	Sudeshna Saha	Social Work	Assistant Professor	12.09.2011
10	Alok Gora	Agricultural Engineering	Assistant Professor	12.09.2011
11	Prof. Subhash Ch Singh	Law	Professor	15.09.2011
12	Dr. Biplab De	Pharmaceutical Science	Associate Professor	26.09.2011

13	Nirupam Das	Pharmaceutical Science	Assistant Professor	26.09.2011
14	Dr. Prasanna Kumar G.V	Agricultural Engineering	Associate Professor	29.11.2011
15	T. Sanjoy Singh	Chemistry	Assistant Professor	19.12.2011
16	Dr. Anjana Poddar	Philosophy	Assistant Professor	29.12.2011
17	Dr. Barilong Mawlong	Physics	Assistant Professor	25.01.2012

List of newly recruited Officer/ Official during the period 2011-12

SL	Name	Designation	Date of joining
1.	Himangshu Kr. Bhattacharjee	Internal Audit Officer	18-07-2011
2.	Dr. Surendra Kumar Upadhyay	Hindi Officer	30-05-2011
3.	Sandip Dey	LDC (Public Relation Assistant)	09-01-2012
4.	Kakali De	Multi Tasking Staff	12-12-2011
5.	Shila Rani Kurmi	Multi Tasking Staff	26-03-2012

20. Teaching- Non-Teaching Staff Ratio:

- Total Teaching **309**, Total Non-Teaching **278** (as on 31st March, 2012)
Ratio: **1.11 : 1**

21. Improvements in the Library Services:

- The University library has been connected to campus wide optic fibre network of BSNL for Internet services. The library has been provided with on-line access to e-resources under UGC-INFONET Digital Library consortium of INFLIBNET centre for accessing to 5000+ peer reviewed e-journals and data bases. The main functioning of Library includes collection development and information dissemination to its users. Over the years it has attained maturity to nurture the academic interests of the university community as well as other stakeholders. Assam University Central Library organised 'In-House Training Programme on SOUL 2.0' (the Library Information and Management Software). The training programme was held during 23-29 July 2011 in the central library. The programme was organised in collaboration with the INFLIBNET Centre (an Inter University Centre of UGC), Ahmedabad to train the library professionals of the Central Library.

Assam University Library organised an "Awareness Programme on e-journal" for the faculty and research scholars and students on 23rd September 2011 in Bipin Chandra Pal Auditorium of the University. Another programme on N-LIST and an "Awareness Programme on e-journal" were organised by Assam University Library in collaboration with the INFLIBNET Centre, Ahmedabad for college librarians on 23rd August 2011.

Assam University Library organised a collaborative programme with Indian Statistical Institute (ISI), Kolkata for development and capacity building for the Library and Information Science professionals of North Eastern Region of India during last week of November 2011. The participants were professionals from different universities and research organisations in the North Eastern Region.

The university library is kept open from 10.00 am to 8 p.m. on all working days.

22. New Books/Journals Subscribed And Their Value:

- The University Library at present has a stock of a total of 118,296 books out of which 4058 books have been acquired during 2011-12. The total expenditure incurred for purchase of books came to Rs. 50,67184 only.
- The University Library has subscribed to 150 titles of Indian Journals during the period. In addition to this, 12 popular magazines and 18 newspapers have been subscribed to in the concerned period. The Assam University Library has access 5000+ e-journals through UGC-INFONET e-journal Consortium. Assam University is also member of DELNET.
- The University Library has also received 200 gifted journals during 2011-12. The amount incurred for procurement of the Journals, newspapers, magazines subscription of services comes to Rs. 440,124.00 (*Rupees four lakhs forty thousand one hundred and twenty-four*) only.

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

- As per decision of Academic Council the DIQA has started collecting students' feedback as per NAAC format from Academic Session 2008-09. The fifth volume of the report covers even and odd semester of the session Jan-July 2011, July-Dec 2011)
- The feedback report has been discussed first in the Deans Committee meeting and a copy of the Report is forwarded to each department for sharing the report with faculty members and taking necessary steps in this regard.
- All the departments have discussed the report in the Departmental Affairs Committee meeting & sent their Departmental resolutions mentioning the steps initiated in this regard.

24. Unit Cost of Education:

- Rs.1,38,426.93 (including salary component----based on actual expenditure for the year 2010-11)
- Rs. 32,596.26 (excluding salary component---- based on actual expenditure for the year 2010-11)

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

- Computerized tabulation for all the courses fully introduced.
- Results of the candidates in various examinations are placed on the university website.
- Issue of admit card, certificates etc. has been totally computerised
- Total computerization of administrative block
- Admission process has been partially computerised

26. Increase in the infrastructural facilities:

1. Infrastructure Development under XIth Plan General Development Grant

- (i) Works Completed:**
1. Construction of Law Department Building
 2. Construction of Wardens' complex
 3. Construction of Micro-Biology Department Building
 4. Construction of Amenity Centre and Shopping Complex
 5. Construction of Education Department Building.
 6. Construction of 90-bedded Boys' Hostel.
 7. Construction of 10 Nos. Teachers Quarters.
 8. Construction of 08 Nos. Non-teaching staff Quarters.
 9. Construction of some part of Boundary wall.
 10. Construction of Earth Science Department Building.

- (ii) Works in progress:**
1. Construction of Philosophy Department Building.
 2. Construction of RCC Retaining wall in front of Information Technology Department.
 3. Construction of 100-bedded Girl's Hostel.
 4. Construction of International Guest House.
 5. Construction of approach road to Non-teaching Staff Quarters.
 6. Construction of approach road to Department of Agricultural Engineering.

2. Infrastructural development Under OBC Reservation Grant:

(i) Building projects completed:

1. Vertical Extension of 2nd floor of Boy's Hostel
2. Vertical Extension of Department of Social Work Building
3. Vertical Extension of Department of Computer Science Building
4. Capacity expansion of Department of MBA Building.
5. Capacity expansion of Department of Mathematics Building
6. Construction of 10 nos. of Teachers Quarters
7. Horizontal and vertical extension of Academic Building II
8. Capacity expansion of English & Foreign Languages Building
9. Extension of Administrative Building Annex
10. Horizontal extension of Social work Building
11. Construction of 08 nos. non-teaching staff Quarters (Type B & C)
12. Horizontal & vertical extension including 2nd floor of Academic

Building I

13. Vertical extension of Bio-Technology Building
14. Construction of Library & Information Science Building
15. Construction of Semi-permanent Structure on roof of Physics Building
16. Extension of left & Right block of Academic Building
17. Capacity expansion of Department of Political Science, History & Sociology Building
18. Capacity expansion of Department of economics & Commerce Building
17. Extension of rooms between Vice Chancellor's Secretariat & PMG Sabakakshya.

(ii) **Project in process:** Nil.

3. XIth Plan SOT Grant:

Works completed:

1. Construction of Agricultural Engineering Building
2. Construction of 60-bedded Girls Hostel Building.
3. Construction of Information Technology Building
4. Construction of Electronics & Telecom Engineering Building.

4. Infrastructural Development in Diphu Campus.

1. Construction of Library cum Computer Centre Building
2. Construction of Life Science Building
3. Construction of Physics Building
4. Vertical extension of existing Admn/Exam. Building
5. Construction of 510 metres Approach Road

27. Technology up-gradation

- E-Governance: the Assam University "GO-LIVE" already started with the completion of some modules. The work is gradually progressing towards total digitalization and e-Governance solution of Assam University.
- Smart Class Room: State-of-the-art 3M make Smart Classrooms introduced in the different academic departments of Assam University for the enhancement of teaching-learning process.
- Campus Networking: The Campus Networking of Assam University provides maximum number of nodes to all the academic departments to meet their internet support needs and better computing facility for quality research activities. The campus networking is gradually being upgraded in all the new academic and administrative buildings of Assam University.

- Examination Module: An up-graded version of Examination result processing Software has been installed in the examination section and processing of results for various courses are now going on satisfactorily.

28. Computer and internet access and training to teachers and students

- Every department has been given LCD projectors along with sufficient number of computers besides laptops to all faculty members for technology upgradation and more and more use of ICTs in teaching and learning.
- Training programmes of e-governance mechanism has been conducted at regular intervals by the Computer Centre of Assam University.

29. Financial aid to students:

- Students' are provided financial assistance from funds meant for poor students, under the supervision of Dean, Students' Welfare. A large number of students receive financial aid every year from the fund. The following fellowships were provided to the students during the financial year 2011-12:

Sl. no.	No. of students	P/M Scholarship	Category	Amount
1.	104	Fresh	SC	7,96,240/-
2.	38	Renewal	SC	2,55,785/-
3.	101	Fresh	ST	8,50,520/-
4.	73	Renewal	ST	11,41,800/-
5.	29	RGNF	SC	59,27,500/-
6.	25	RGNF	ST	5,16,122/-
				Total 9487967/-

30. Activities and support from the Alumni Association:

- Alumni Associations have been formed in all the departments. These associations are involved in various academic and welfare activities and contribute to a great extent for the development of the department. Members of the Association get together and interact regularly to identify and felicitate outstanding alumni. Efforts have been initiated to form university level alumni Association.

31. Activities and support from the Parent-Teacher Association:

- Parent-Teacher meets take place in many departments on a regular basis. At the moment views about performance of students and their placement are exchanged. Most of the departments hope to explore further areas of co-operation and collaboration.

32. Health Services:

- The Health Centre of Assam University was established initially in a temporary structure in the year 1997 with a part time Medical officer & permanent peon. It was shifted to a permanent building having

600.44 sq. meter area with a permanent Medical officer, permanent Nursing staff & a permanent peon on 25th July, 2006. The Health centre includes OPD Room, Dressing Room –Cum-Minor O.T., Male & Female words, Doctors' Quarters etc.

A. STATUS OF THE HEALTH CENTER AT PRESENT:

Health Centre opens at 10 am and closed by 5.30 pm from Monday to Friday and on Saturday and Sunday from 10 am to 3.00 pm .In odd hours & in holidays patients are attended who comes for treatment (as per the availability of the Doctor and staff Nurse at the Quarter) Critical cases are referred to Higher Centre by Ambulance after providing First aid treatment.

B. STAFF PATTERN AT PRESENT:

	<u>Staff</u>	<u>Strength at present</u>
1)	Medical Officer(Sanctioned Post)	1
2)	Consultant Medical Officer	2
3)	Staff Nurse(Sanctioned Post)	1
4)	Consultant Pharmacist	1
5)	Male Medical Attendant(Skilled daily wager)	1
6)	Ambulance Driver-(Skilled daily wager)	2
7)	House keeping staff	1

C. AMBULANCE FACILITIES:

Health Centre has two Ambulances and provide 24 hours service.

D. MEDICAL FACILITIES PROVIDED ARE:

- 1) Medicines are being dispensed free of cost for first 3 days. Antibiotics and cough syrup Preparations are given in full course.
- 2) Patients of dehydration, Unconsciousness, hypotension, diarrhea, dysentery etc are kept in the ward for treatment and observation.
- 3) Provision for infusing saline and stitch are available.
- 4) Minor OT services are available where abscess drainage, primary repair of wound, antiseptic and aseptic dressing, nail avulsion, removal of warts and corn etc are done.
- 5) Visiting doctors from the field of Medicine cum Psychiatry, ENT and Obstetrics & Gynecology, are regularly visiting the Health Centre once in a week and attending patients.

E. BIOCHEMICAL, PATHOLOGICAL & OTHER INVESTIGATION FACILITIES:

The pathological laboratory was set up in the month of September, 2011. All routine blood investigations are done at minimum charges (as per Govt. rates)
The Health also provides ECG facilities.

F. BIOMEDICAL WASTE MANAGEMENT MEASURES:

Two needle destroyers are available. Foot paddle dustbins of red blue black and yellow colours are available for disposable of gloves, cotton & gauges, syringes, glass waste, polythene items etc. (as per the guidelines of Bio medical waste management).

Disposable of Medical waste is done at Silchar Medical College & Hospital with proper transportation.

Disposable of garbage (except medical) is done in the pit at the backyard.

G. SOCIAL RESPONSIBILITIES (HEALTH CAMPS, etc.):

- 1) A Health Camp was organized at Health Centre under the aegis of Punjab National Bank on Medicine and Ophthalmology.
- 2) A Health awareness program on Hygiene was organized at Vivekananda Kendriya Vidyalaya situated at the campus.

H. HEALTH CENTER EXPENSES FOR PURCHASING MEDICINES & DRESSING MATERIALS IN THE LAST FINANCIAL YEAR (2011-2012):

Financial Year	Capital
2011-2012	Rs. 2,87,247/-

33. Performance in Sports Activities:

- The sports & Physical wing of the university is looked after by the Asstt. Director, Sports and physical Education, who regularly interacts with students' council office bearers, class / departmental representatives, student NCC cadets etc. It has organized competition, training & coaching of sports and other co-curricular and adventure activities for students & staff. It has also Co-ordinated student's participation in Inter University sports tournaments and youth festivals, training campus of NCC, training programmes etc.
- Gymnasium in the university has been equipped with sophisticated equipments like multigym, DC motorized treadmill and different single station gym equipments. At present the University has two Gymnasium – one for Ladies & one for Gents.

Organization of Tournaments / Coaching Camps during 2011- 12

- i. Organized Inter-College Cricket (Men) Tournament (November 2011)
- ii. Organized Inter-College Selection Trials followed by a three week Coaching Camp in Cricket (Women) during November 2011 at DSA, Silchar.
- iii. Organized a three week Coaching Camp in Cricket (Men) during December 2011 at DSA, Silchar.

Participation in Inter – College Sports Tournaments during 2011- 12:

- i. Assam University participated in the Inter-College Cricket (Men) Tournament organized by Assam University Sports Board and secured the Runners-up Trophy.

Participation in Inter – University Sports Tournaments during 2011- 12

- i. Participated in the East Zone Inter-University Cricket (women) Tournament held at V B S Purvanchal University, Jaunpur, UP (December 2011) and the University team qualified up to Quarter Final stage.
- ii. Participated in the East Zone Inter-University Cricket (men) Tournament held at BHU, Varanasi, UP (January 2012) and the University team qualified up to Quarter Final stage.
- iii. Participated in the Inter-University T-20 Cricket (men) Tournament held at Tezpur University, Tezpur, Assam (March 2012) and the University team won the Championship Trophy and also won two individual prizes (best bowler, and highest run taker).

Participation in NCC Camps / programmes during 2011- 12

- i. Six student cadets participated in the Regular Army Attachment Camp held at 1905 Ultimate Light Regiment, Agartala (Tripura), 21st March to 4th April 2011.
- ii. Five student cadets participated in the National Integration Camp held at IDPL, Rishikesh

(Uttarakhand), 18th to 29th June 2011.

- iii. Three student cadets participated in the All India Coastal Trek held at Puri (Orissa), 23rd August to 5th September 2011.
- iv. Three student cadets participated in the National Integration Camp held at Tezpur University, Tezpur (Assam), 2nd to 13th January 2012.
- v. Eighty-nine NCC boy student cadets of the University participated in the Annual NCC Training Camp at KVK, Masimpur, Silchar organized by 3 Assam Bn NCC, Silchar from 4th to 13th January 2012. The University team won five prizes in the camp – Best Cadet, Best in Drill, Best Cultural Performer, Best Liner Team and Best Entertainer of the Cultural Nite. NCC Officer of the University acted as Asstt Commandant of the Camp.
- vi. Fifty-eight NCC boy student cadets and thirty-two NCC girl cadets of the University participated in the NCC Combined Annual Training Camp organized by 62 Assam Girls Bn NCC, Silchar from 24th January to 2nd February 2012 at KVK, Masimpur, Silchar. NCC Officer and Lady Care Taker Officer co-ordinated the University team and participated in the Camp. The University team won seven prizes in the camp – Best Cadet (girls), First position in Firing (boys), First position in Firing (girls), First position in Group Dance, First position in Group Song, First position in One Act play and Best Cultural Team.
- vii. Three girl student cadets and one boy student cadet of the University participated in the Immunization programme on 19th February 2012 at Babu Tilla, near NIT, Silchar (NCC Adopted village).
- viii. Three cadets (one girl and two boys) participated in the Anti Tobacco Day Rally organized by NCC Group Hq., Silchar at Silchar town. They also participated in street play specially prepared for this purpose by the University cadets.

Visit of Army officials during 2011- 12:

- i. Co-ordinated the visit of Branch Recruiting Officer (BRO) and Recruitment Doctor of Mizoram, Tripura and Southern Assam Sector; Group Commander NCC Headquarter, Silchar and Commanding Officers of 3rd Assam Bn NCC and 62nd Assam Girls Bn NCC on 16th and 17th March 2012. They had given power point presentations and interacted with students on topics relating to job opportunities in the Armed Forces (Army, Air Force and Navy) in various ranks in Medical, Engineering and Non Technical sectors and on incentives for NCC cadets in the field of employment and academics.

NCC 'B' and 'C' Examinations during 2011- 12

- i. Sixty-nine male cadets passed NCC Certificate 'B' examination conducted during February 2011 (result declared on 20th August 2011) and four male students passed NCC Certificate 'C' examination, conducted during February-March 2011 (result declared on 12th September 2012).
- ii. During the year 2011-12, seventy male students and twenty-six girl students appeared in the NCC Certificate 'B' examination, January 2012 and thirteen male students appeared in the NCC

Certificate 'C' examination, February 2012 conducted under the authority of Ministry of Defence, GOI. Their results are yet to be declared.

Award and Placement during 2011- 12

- i. During 2011-12, one student of Department of Information Technology (SUO Ranjit Kumar Hazarika) with NCC 'B' and 'C' certificates passed SSB (Services Selection Board) interview and he will attend course at Officers Training Academy (OTA), Chennai.
- ii. Two cadets of the University, one from Deptt of Computer Science (SUO Jyotish Chandra Das) and one from Deptt of Social Work (SUO Gopendra Chandra Das), were nominated by NCC Group Bn, Silchar to attend SSB Interview training at NCC Officers Training Academy, Kamptee, near Nagpur (Maharashtra). However, only one student of Deptt of Social Work attended the training programme. 100% expenditure made by the NCC Directorate. Another student could not attend the programme due to family problems.
- iii. The University NCC cadets won Best Cadets prize during Annual Training Camp 2011-12 in both boys (UO Deepak Meel, Deptt of Information Technology) and girls section (UO Rukiya Begum Choudhury, Deptt of Social Work).
- iv. The University NCC cadets won First position prize in Annual Firing Competition 2011-12 held at Shooting Range, Masimpur Military Cantt., Silchar in both boys (Sgnt Sagar Pandey, Deptt of Information Technology) and girls section (Sgnt Saima Mazumder, Deptt of Information Technology).
- v. The University NCC cadets also won the following prizes in Annual Training Camp 2011-12 held at KVK, Masimpur, Silchar :
 - a) Best in Drill - Sgnt Puskar Lal Patidar, Deptt of Agricultural Engineering
 - b) Best Cultural Performer - Sgnt Kunal Roy, Deptt of Information Technology
 - c) Best Entertainer - Sgnt Vishal Gupta, Deptt of Agricultural Engineering
 - d) Best Liner - Assam University team

34. Incentives to Outstanding Sports Persons:

1. Out standing sports are given special leave in class attendance for participating indifferent sports in national & regional incentive in the form of awards and Certificates.
2. They are given special incentive in the form of awards and certificates.

35. Student Achievements and Awards:

- Some of the achievements and awards to the students during the year can be seen in their performances in various competitive and qualifying examinations at national and international level as given below :

Department	NET	SLET	JRF	ICSSR	GRE	CAT	ICAR	GATE
Mass com.	02							
Visual arts	01							
Chemistry	04	05	04					

Computer Science	01							
Physics	01	03						
Educational Science	06	05		04	01			
Ecology & Environmental Science		01						
Biotechnology								01
Life Science & Bioinformatics	02	04						
Microbiology								02
Political Science	03	01						
Social Work	04							
Sociology		05						
Business Administration	03							
Commerce	03	02						
Economics		04						
Bengali	02	01						
Hindi	01	01						
Linguistics	02							
Manipuri	06	12	03					
Philosophy	01	04						
Arabic	01							
Agricultural engineering							03	03
Information technology						03		08

36. Activities of the Guidance and Counselling Unit:

- The university encourages constant interaction best & faculty & the students in both formal and informal modes. The faculty regularly counsel the students about their academic improvements and career opportunities.
- The central Career and Placement Cell of the University advises the students about careers to persons. It also arranges meetings with entrepreneurs to explore placement opportunities for students.

37. Placement Services Provided to Students:

- The Career Counseling and Placement Cell (CCPC) has been engaged in various recruitment processes. The placement data for the year 2011-12 is summarized below:

SL.NO	Name of the Department	No. of students recruited
01.	Department of Mathematics.	07
02.	Department of Visual Arts.	07
03.	Department of Arabic.	Ph.D
		M.A
04.	Department of Bengali.	Ph.D
		05

05	Department of Biotechnology. Research Associate Inspire Fellow.	M.Sc JRF Ph.D CSIR	02 13 08 01 01
06.	Department of Chemistry	M.Sc	05
07.	Department of Education	M.A M.ED	09 03
08.	Department of Hindi.	M.A	04
09.	Department of Linguistics.	M.A	03
10.	Department of Mass Communication.	MMC	26
11.	Department of Manipuri.	M.A	04
12.	Department of Agricultural Engineering.	B.Tech	10
13.	Department of Law.	B.A.LLB	32
14.	Department of Business Administration.	MBA	13
15.	Department of Social work	MSW	11
		TOTAL	181

38. Development programmes for non-teaching staff:

➤ Some officers & staff have been deputed during the year for attending training in different institutes:

SL	Name of Staff	Name of Programme	Place of Programme /held on
1	Sri Amit Kumar Deb JTA Dept. of IT	National Workshop on Assessibility and Quality Encashment of Higher Education through ICT Integration.	Karimganj College 8 th Sept.2011to 10 th Sept. 2011
2	Shri Kutub Uddin Laboratory Assistant Dept. of Mass Communication	Short Term Course on Basic Videography.	Film and Television Institute of India,Pune , 20 th Feb. to 3 rd March 2012.
3	Shri Sobhan Kumar Bedajana System Analysist Computer Centre	Programme in JAVA	National Institute of Technical Teachers training and Research, Kolkata 30 th Jan to 3 rd Feb. 2012.
4	Shri Apurba Jyoti Mazumder Asstt. Librarian Central Library, AUS	8 th Convention Planner-2012	Sikkim University, Gangtok 1 st March to 3 rd March 2012.

39. Healthy practices of the Institution:

- Academic units decentralized
- Administrative units decentralized.
- Inter-disciplinary approach in teaching & learning.
- Integrated Pre-Ph.D. course fully introduced in M.Phil & Ph.D.
- Free Laptops given to all faculty members and officers.
- Inter-disciplinary approach in teaching & learning.

- Students' feedback system.
- Micro Co-ordinators appointed in each department for Co-ordinating NET coaching & remedial classes for SC, ST & OBC students.
- Strict adherence to academic schedule.
- Ensuring uniforms and objective evaluation of the students through regular internal assessment, Seminar, projects & dissertation.
- Collective responsibility in decision making is facilitated through decentralization of administrative mechanism.
- Initiative for faculty & Non-Faculty Staff development.
- All academic decisions of the university are processed through Board of post Graduate Studies and Board of under Graduate Studies at the departmental level; School Board of Studies at the school level; Board of Research Studies, Academic Council and Executive Council at the university level.
- Students Seminars are conducted regularly in respective departments on Selected topics of the concerned subject.
- Emphasis on ICTs in academic & administrative matters including smart class.
- Central Library facilities are available for the students & research scholars in addition to departmental libraries.

40. Linkages developed with National / International, Academic / Research bodies:

National level

- Division of Microbial Diseases, Eastman Dental Institute, University college of London, UK.
- Visva Bharati, Shantiniketan.
- Rastriya Sanskrit Sansthan, New Delhi.
- Indian Statistical Institute, Kolkata.
- G.B.Pant Institute of Himalayan Environment & Development, Itanagar.
- With Indian Institute of Remote Sensing Dehradun.
- National Botanical Research Institute, Lucknow.
- Jawaharlal Nehru University, New Delhi.
- G.B. Pant Institute of Himalayan Environment & Development, Itanagar.

41. Any other relevant information the institution wishes to add

There are 56 colleges both general and professional affiliated and permitted under Assam University. The university has responsibility for monitoring academic progress of all these colleges through different established academic bodies as per statute & ordinances. The DIQA has taken steps to co-ordinate all these institutions for quality enhancement in academic & administrative matters.

The College Development Council (CDC) of the university looks after the academic affairs of the colleges affiliated under the university.

The DIQA has organized & continues to organise special lectures, workshops and seminars / conference in collaboration with different academic departments in the University.

Part C:

Plans of the Institution on for the Next year.

Extend the sphere of activities of Internal Quality mechanism to include all infrastructural, administrative and financial matters. The following are among the primary areas of focus of the University

- Strengthening of e-Governance.
- Strengthening & widening University Networking System.
- Providing training programme for the staff member of the University.
- Student's feedback system as per existing pattern would continue. Efforts would be made for taking feed backs from other stake holders like prevents.
- Introduction of distance education programmes.
- Extend the reach of placement Services.
- Use of ICT effectively in all respects for improving efficiency in delivery mechanism & teaching & learning.

Signature of Vice Chancellor

Signature of Director, DIQA

Annexure – I

List of teachers for attending orientation/refresher courses during the year

SL	Name of the Teacher	Department	Refresher/orientation Programme participated During the year,2011-12
01	Dr. Shubhadeep Roychoudhury	Life Sc. & Bioinformatics	Refresher Course
02	N.Bijen Meetei	Pol.Sc	Refresher Course
03	Manoj Kr paul	Chemistry	Refresher Course
04	S.K.Jasimuddin	Chemistry	Refresher Course
05	Baby Pushpa Sinha	English	Refresher Course
06	Debotosh Chakraborty	Pol.Sc	Refresher Course
07	Prabhat Kumar Mishra	Hindi	Refresher Course
08	Saugata Kumar Nath	English	Refresher Course
09	Dr. Suparna Roy	History	Refresher Course
10	Amalendu Chakraborty	French	Refresher Course
11	Partha Pratim Paul	Law	Refresher Course
12	Sib Sankar Mazumder.	English	Refresher Course
13	Aparajita De	Ecology	Refresher Course
14	Arjun Deb Sen Sarma	CELMF	Refresher Course
15	Barunjoyti Choudhury	Bengali	Refresher Course
16	Brajesh Kumar	Commerce	Refresher Course
17	Parag Shil	Commerce	Refresher Course
18	J.Guite	History	Refresher Course
19	Anupam Hazra	Social work	Refresher Course
20	G.Albin Joseph	Social work	Refresher Course
21	Arindom Roy	Comp.Sc	Refresher Course
22`	Sunita Sarkar	Comp.Sc	Refresher Course
23	Ajoy Kumar Khan	Information.Tech	Refresher Course
24	Panna Deb	CBNRC	Orientation Programme
25	Tapati Das	Ecology	Orientation Programme
26	Sheetanshu Kumar	Hindi	Orientation Programme
27	Dr. Devasish Sengupta	Chemistry	Orientation Programme
28	Md.Nazmul Islam Barbhuiya	Arabic	Orientation Programme
29	Saday ch Das	Visual Arts	Orientation Programme
30	Dr. Yashmin Choudhury	Biotechnology	Orientation Programme
31	Raj Kumar Mazinder	Visual Arts	Orientation Programme
32	Paromita Das	Mass.Com	Orientation Programme
33	Bidhan Mohanta	Physics	Orientation Programme
34	Tapodhir Acharjee	I.T	Orientation Programme
35	Rajya Sahani	Ecology	Orientation Programme
36	Dr. Ravi Rajwanshi	Biotechnology	Orientation Programme
37	Sumit Saha	Mathematics	Orientation Programme
38	Shuvasish Choudhury	CIL	Orientation Programme

39	Kathiresan L	Social work	Orientation Programme
40	Mohan Borah	Pol.Sc	Orientation Programme
41	Munish Kumar	Bio-technology	Orientation Programme
42	Himangshu Kr.Prasad	Life.Sc	Orientation Programme
43	Dr. Shubhadeep Roychudhury	Life Sc.	Orientation Programme
44	Subhashree Sanyal	Social Work	Orientation Programme
45	Soma Roy Choudhury	Commerce	Orientation Programme
46	Sib Sankar Mazumder	English	Orientation Programme
47	Avijit Debnath	Economics	Orientation Programme
48	Uday Shankar Chakraborty	Mathematics	Orientation Programme
49	Sudip Choudhury	CSSM	Orientation Programme
50	Sujit Kr Ghosh	Chemistry	Orientation Programme
51	Somaditya Dutta	Visual Arts.	Orientation Programme
52	Alauddin Mondal	Bengali	Orientation Programme
53	Dibyojyoti Bhattacharjee	Reader, Business Admn.	Orientation Programme
54	Dr. Amitabha Bhattacharjee	Asstt Prof. Microbiology	ELO 186 days from 1/11/2011 to 4/5/2011
55	Dr. Sujit Kr. Ghosh	Asstt Prof. Chemistry	ELO 186 days from 5/8/2011 to 31/8/2011

Annexure –II

Seminars/Conferences/Symposiums/Workshops organized:

Sl. No.	Details of Programme organised	Date	Name of the Organizing Secretary/ Joint Org. Secretary	Department
1	Regional Painting Workshop in collaboration with Lalit Kala Akademi, New Delhi.	4th – 8th March, 2012	Nirmal Kanti Roy	Visual arts
2	Lecture by Scottish Artist Alan Kilpatrick on Contemporary Art	3rd April 2011	Nirmal Kanti Roy	
3	Lecture by Durlabh Bhattacharjee, Head, Govt. College of Art and Craft, Gauhati on Illustration and its application	18th April 2011	Nirmal Kanti Roy	
4	Lecture by Dilip tamuli, Head, Department of Graphics, Govt. College of Art and Craft, Gauhati on Installation Art	17th April 2011	Nirmal Kanti Roy	
5	Lecture by Binoy Kumar, Director, Ministry of Cultural Affair, Bihar on Contemporary Art in India	13th February 2012	Nirmal Kanti Roy	
6	One day workshop on Soft Matter under the Centre for Soft Matter	Sept. 17, 2011	Prof. N.V.S. Rao	Chemistry
7	Workshop cum Training Programme on ‘Video Production’ will be organized by Deptt. of Education in collaboration with NCERT.	19 - 23 rd March 2012	Head of the Department, Education	Educational Science
8	International Conference on Global Ecosystems, Biodiversity and Environmental Sustainability in the 21 st Century	15-17 th Feb’2012	O.S.-Dr. P. Choudhury; Convenor- Prof. B.K. Dutta	Ecology & Environmental Science
9	Organized a “Workshop on remediation of hydrocarbon contaminated soil and oily wastes” conducted by Prof. R.H. Adams, University of Tabasco (UJAT), Mexico at Department of Ecology & Environmental Science, Assam University, Silchar	23-24 July, 2011	Prof. Abhik Gupta Dr. Susmita Gupta	
10	DBT-sponsored hands –on training on DNA Barcoding	January 27-31, 2012	Prof. S.K. Ghosh	Biotechnology
11	Hands on training on Flowcytometry and Real Time PCR	February 5-9, 2012	Prof. S.K. Ghosh	
12	Bioinformatics and Biological sequence analysis	21-22nd , July, 2011	Prof. M. Dutta Choudhury	Life Science & Bioinformatics
13	Workshop on PCR application	16-17 Sep ,201	Prof. M. Dutta Choudhury	
14	International Conference on Biodiversity, Conservation and	16-17 March 2012	Prof. S. Giri	

	Environmental Health			
15	3 Days' National Workshop & Hands-On Training Programme on Modern Molecular Trends in Biology (MMTB 2012)	April 25-27, 2012	Prof. S. K. Panda/Dr. Shubhadeep Roychoudhury	Life Science & Bioinformatics
16	International Seminar	17 th -19 th January 2012	S. Nag & S. Pathak	History
17	Organised two days workshop "SANKALP" on Project Formulation in Association with CSWB, New Delhi	27-28 September 2011	Dr. Subhabrata Dutta	Social Work
18	Organised one day Workshop "Field Work as an Essence of Social Work Practice: Echoes from Field"	26 th November 2011	Dr. Ratna Huiem	
19	Organised Five Days Training Programme "Developing Marketing Skills among NGO/WSHG/JDP Units and Students on Jute Diversifications	08-12 December 2011	Dr. Subhabrata Dutta	
20	Workshop on data analysis using excel	29 th to 30 th April 2011	Habib Lashkar	Business Administration
21	Local Venture and student Engagement and Possibilities and Programmes	23-09-2011	Dr. Arup Barman	
22	Workshop on: Investment awareness and Financial Management Analysis	July 19-20,2011	Prof Amrit lal Ghosh, Dr. Ranjit Singh and Habib Lashkar	
23	Business Quiz	24-09-2011	Habib Lashkar	
24	Management Fest Cultural Programme "UTKASH-2012"	4 th Feb to 5 th Feb 2012	Dr Nigamananda Biswas	
25	Inter College Debate Competition Contest	4 th Feb to 5 th Feb 2012		
26	Alumni Meet	4 th Feb to 5 th Feb 2012	Dr Debomalya ghose and Dr Nigamananda Biswas	
27	Guardians Meet	4 th Feb to 5 th Feb 2012	Prof Amrit lal Ghose	
28	Management Game	4 th Feb to 5 th Feb 2012	Habib Lashkar	
29	Inter Institutional Quiz Competition	4 th Feb to 5 th Feb 2012	Dr.Nigamananda Biswas	
30	Ad-Venture (Advertising Competition)	4 th Feb to 5 th Feb 2012	Habib Lashkar	
31	Workshop on Mock Interview & Personality	17 th Feb to 18 th Feb 2012	Habib Lashkar	
32	National Workshop on "Econometric	February 13	Dr. Subhrabaran Das	Economics

	Application of Cross Section & Time Series Analysis”	– 19, 2012		
33	National Seminar on Folk Traditions of North East India during 8-9 July 2011 (organized by CELMF)	8-9 July 2011	Dr. Ramakanta Das	Bengali
34	10 days workshop on Preventive and Conservation of Manuscripts during September 12-21,2011, in Normal School, Silchar (Organized by CELMF)	September 12-21,2011	Dr. Debasish Bhattacharya	
35	Tattvabodh Lecture in the Bipin Chandra Pal Memorial Hall organized by the Department of Bengali on 21.03.2012	21.03.2012	Dr. Biswatosh Chowdhury	
36	International Seminar on Women in Contemporary Society Literature and Culture during February 10-11, 2012	February 10-11, 2012	Prof. Bela Das & Dr. Rami Chakraborty	
37	International Seminar on Colonial Note from the Continuity of Culture: Emerging Study of Manuscriptology Organized by Department of Bengali, Assam University, Silchar in collaboration with National Mission for Manuscripts IGNCA, New Delhi	1 st March to 3 rd March, 2012	Dr. Barunjoyti Choudhury & Shri Arjundebsensharma	
38	Seminar: “Partition Of Bengal Diaspora, Rehabilitation: Quest For New World View In Literature And Culture Of North East India” (22 nd – 24 th March 2012)	22 nd – 24 th march 2012	Dr. Priyakanta Nath & Dr. Barunjoyti Choudhury	
39	International Seminar under SAP (DRS I) on Folk Culture and Globalization: Challenges and Opportunities during March 29-30, 2012	March 29-30, 2012	Prof. Bela Das & Dr. Biswatosh Chowdhury	
40	National Seminar on the theme of Samakaleen Hindi Kavita Mein Bharatiyata	15 th & 16 th March 2012	Dr. Krishna Mohan Jha	Hindi
41	Training cum workshop on Language Teaching, Testing and Evaluation.	23 rd -26 th February, 2011.	S. Ganesh Baskaran, Kh. Dhiren Singha	Linguistics
42	Testing and Evaluation of Mother tongue Education	1 st -5 th December, 2011	S. Ganesh Baskaran, Kh. Dhiren Singha	
43	Workshop on Tradition of Nata Sankirtana, in collaboration with Jawaharlal Nehru Manipur Dance Academy, Imphal.	2 nd -16 th January 2012		Manipuri
44	Regional Workshop on ‘Functional Sanskrit’ organized by the Centre for Functional Sanskrit, Deptt. of Sanskrit	13 th August, 2011.	Prof. S. Devi, Head, Department of Sanskrit, AUS	Sanskrit
45	International Seminar on ‘Nimbarka	9-10	Prof. S. Devi, Head,	

	Philosophy and Present Crisis' organized by the Deptt. of Sanskrit, AUS in collaboration with World Nimbarka Parisad	November, 2011	Department of Sanskrit, AUS	
46	Workshop on 'Career Counseling and Motivational Guidance for P.G. students' by the Department of Sanskrit, Hindi and Manipuri in collaboration with CCPC (Career Counseling Placement Cell), AUS.	17 th November 2011	Govind Sharma, departmental Co-ord.	
47	A centre for Non formal Sanskrit Education in AUS campus is inaugurated by Prof. Radhaballabh Tripathi, Vice Chancellor, Rastriya Sanskrit Sansthan (Deemed University), New Delhi	21 st January, 2012	Kendra Adhyaksa - Prof. Swapna Devi, Head, Department of Sanskrit	
48	ICPR sponsored National Seminar on "Limits of Thought --- and Beyond" held at the Department, on 28th & 29th November, 2011.	28th & 29th November, 2011.	Dr. A. Nataraju	Philosophy
49	National Seminar on " Ethics in Theory and Ordinary Moral Practice" under Special Assistance Programme (SAP)-DRS	26th & 27th March, 2012	Dr. Subhra Nag, Dr. Bhaskarjit Neog Co-ordinators SAP (DRS)	
50	Special Lectures on "Glimpses of New Trends in Modern Arabic Poetry" & "Development of Drama in Modern Arabic Literature" By Prof. M A Islahi, Professor, JNU, New Delhi	20 th & 21 st September 2011	Head Dept. of Arabic	Arabic
51	3rd Librarians Day	12-08-2011	Dr. Manoj Kumar Sinha, HoD, DLISc.	Library and Information Science
52	2nd Induction Programme for Fresher's	12-08-2012	Dr. Manoj Kumar Sinha, HoD, DLISc	
53	Parents Day	May 13, 2011	Dr. Mukut Sarmah, Asst Professor Dr. Manoj Kumar Sinha, HoD, DLISc	
54	1st One Day Workshop on Career Guidance and Motivation	January 30, 2012	Dr. Mukut Sarmah, Asst Professor Dr. Manoj Kumar Sinha, HoD, DLISc	

Annexure – III

Sl. No.	Name of the Project	Funding agency	Duration & Name of the Project Investigator	Fund allocated to the project	Department
1.	Effectiveness of Traditional Folk Media in Tea Gardens of Assam : A Study of three Tea Gardens of Barak Valley in Southern Assam	UGC	18 Months, Dr Partha Sarkar, Asst.Professor	1,40,0000	Mass Communication
2.	SAP	UGC	5 years 'Indigenous art and craft of South Assam with special reference to Pottery, Terracotta and Textile'	SAP	Visual Arts
3.	N.E Wordnet project	D.I.T and G.O. I	2years / Prof. B. S. Purkayastha	23 lacks	Computer Science
4.	A study of Warm Inflationary scenario in String Cosmology	DAE (2009/37/24/BRNS)	2009-2012 PI: Dr. Atri Deshamukhya	10 lakhs	Physics
5.	Cometary Grains: observations and simulations'	DST- Indo French Center (CEFIPRA)	2011-2014 PI: Prof. Asoke Kr Sen	56 lacs	Physics
6.	Study of astrophysical dust in Star forming regions, Interstellar medium and Planetary bodies	Department of Science and Technology DST/INT/JSPP/P-92/2010 dated 04/06/2010 Collaboration with Kobe Univ., Japan	2010-2013	10 lacs	Physics
7.	Magnetic field in star forming clouds	D S T and Russian Academy of sciences	Prof A K SEN	60 Lakhs	Physics
8.	Modeling of MHD flow of blood in stenosed arteries with velocity slip	UGC, New Delhi	Three Years 01-02-2011 to 01-02-2014	Rs. 6.87,800/- PI; Prof. D Biswas Co-PI: Dr. U S Chakraborty	Mathematics
9.	Education of the Children of Tea Garden Workers of Assam: An Exploratory Study	NCRI, MHRD, Hyderabad	2008 to continuing Prof. N.B. Biswas & Dr. T. K.Basantia	Rs. 7 lakhs	Educational Science
10.	Acute and chronic	UGC, New Delhi	(2010-2013)	9.29 lakhs	Environmental

	toxicity of selected pesticides on fish and amphibian tadpoles in Barak Valley, Assam		Prof. Abhik Gupta		Science
11.	A comparative study on diversity and habitat ecology of Anurans from different ecosystems in Barak Valley, Assam, India	UGC, New Delhi	(2011-2014) Dr. Mithra Dey	10.42 lakhs	Environmental Science
12.	Exploration of Lichens from Barak Valley of Southern Assam and Arunachal Pradesh (Northeast India) and isolation of phytochemicals and bioprospecting of some selected Lichen species	DBT	2012-15 Prof.Jayashree Rout	70.15 lakh	Environmental Science
13.	Molecular assessment of Cyanobacterial biodiversity of rice agroecosystems of Southern Assam and Mizoram	DST	2012-15 Prof.Jayashree Rout	32 lakh	Environmental Science
14.	Regeneration ecology of a long lived monocarpic bamboo <i>Schizostachyum dullooa</i> following gregarious flowering in Barak Valley, Assam	UGC	2011-2014 Dr.Arun Jyoti Nath	8.3 lakh	Environmental Science
15.	Formulation and evaluation of low cost fish feed for supplementation in rice fish system in Apatani Plateau in Arunachal Pradesh	UGC	2011-2014 Dr.Tapati Das	10.4 lakh	Environmental Science
16.	Habitat Mapping of Mahseer fishes and development of Spatial database for North Eastern Aquatic diversity	MoEF	Prof. D. Kar	Rs 10.00 LACS	Life Science & Bioinformatics
17.	Phytochemical screening and insilico analysis of some ethnomedicinal plants of Southern Assam	UGC	Dr. M. Dutta Choudhury	Rs. 7.56 LACS	Life Science & Bioinformatics
18.	Molecular cloning and	DBT	Dr.S.K.Panda	Rs. 44.80	Life Science &

	functional analysis of Na ⁺ /H ⁺ antiporter gene in cowpea			LACS	Bioinformatics
19.	Investigation on the genotoxic and tumorigenic potential of two important metabolites of Arecoline – the major areca nut alkaloid	DST	Dr. Sarbani Giri	Rs. 8.88 LACS	Life Science & Bioinformatics
20.	Comparative Genomics and Gene function analysis	DST Indo Japan	Dr.S.K.Panda	Rs. 10.50 LACS	Life Science & Bioinformatics
21.	Aminoacid polymorphism in the conserved motifs of HMA proteins and Heavy metal tolerance in plants.	DST & JSPS	Dr. S. K. Panda	Rs. 10.40 LACS	Life Science & Bioinformatics
22.	Isolation, Identification, Characterization and Bioactivity assay of anti diabetic Drug leads from few selected Medicinal Plants of North East India. : Voyage for Cure of Diabetes.	DBT	Dr. M. Dutta Choudhury	Rs. 1.1 CRORE	Life Science & Bioinformatics
23.	Generation of transgenic Blackgram for Aluminium tolerance in acidic soil	DBT	Dr. S. K. Panda	Rs. 2.10 crores	Life Science & Bioinformatics
24.	Functional studies of a group 4 lea gene in <i>Brassica juncea</i> for abiotic stress tolerance	CSIR Project	Dr.S. K. Panda	Rs. 20.0 Lakhs	Life Science & Bioinformatics
25.	Evaluation of Antagonistic fluorescent Pseudomonad bacteria for the disease management in North East Region	DBT	Prof. G.D.Sharma	Rs. 70 Lakhs	Life Science & Bioinformatics
26.	MED-89 on “Hospital based ‘Cancer Genomics and Immunology” with Cachar Cancer Hospital and Research Centre	DBT	5 years PI- Prof S K Ghosh	Approx 89 lakh	Biotechnology
27.	DBT-JNU-Twining on “Methanogenomics” with JNU, Dew Delhi	DBT	3 years PI- Prof S K Ghosh	Approx 39 lakh	Biotechnology

28.	DBT-36.25 on “Molecular characterization of genetic diversity of N ₂ - fixing Rhizobia of wild and cultivated legumes of Assam and Manipur”	CSIR Project	3 years PI – Dr. P.B. Mazumder	Rs. 36.25 lakh	Biotechnology
29.	DBT-128 on “Teaching, Training (Genes and Genomics) and Resaerch (DNA barcoding on Fish)”	DBT	5 years PI- Prof S K Ghosh, Co-PI- Dr. PB Mazumder Dr. M Sengupta	Rs. 128 lakh	Biotechnology
30.	The University Grants Commission has approved financial assistance to the department at the level of DRS-1 under the SAP for	UGC	5-years Coordinator – Prof. S.K. Ghosh	44.90 lakhs	Biotechnology
31.	Ribotyping of Camellia sinesis rhizosphere microbial population grown in Assam : Identification and evaluation of efficient biocontrol of PGPR strains for the control of Black rol disease caused by corticium theae	DBT	3-years PI- Dr. P.B. Mazumder	46.50 lakhs	Biotechnology
32.	UGC-Major Research Project	UGC	3 years Dr. Amitabha Bhattacharjee	Rs.9,61,300.00	Microbiology
33.	DBT-NER Twining Project	DBT	3 years Dr. Amitabha Bhattacharjee	Rs.100,51 lakhs	Microbiology
34.	UGC-Major Research Project: Restructuring the Past: The Nineteenth and Early Twentieth Century Assamese Historiography	UGC	Sudeshna Purkayastha	Rs. 3, 04,600	History
35.	Impact of NREGA on the Empowerment of Women: A Study of Rural Cachar in Assam	UGC	18 months Dr. Joyati Bhattacharya	1,13,000.00	Political Science
36.	1. Impact Evaluation of Integrated Scheme on	The Central Social Welfare Board,	3 months, Dr. M. Tineshowri Devi	Rs. 81,000/-	Social Work

	Women Empowerment being implemented in the North eastern states of India.	New Delhi.			
37.	2. Evaluation study on Indira Awas Yojana (IAY) in North East Region	Planning Commission, New Delhi,	6 months, Dr. S. Dutta (Regional Coordinator)	No Direct Fund. It was incurred by Delhi University.	Social Work
38.	On Marketing of Processed Food Product in Manipur. Sponsored by Indian Council of Social Science Research- North Eastern Regional Centre, Shillong .	Indian Council of Social Science Research- North Eastern Regional Centre, Shillong .	Dr. A.S. Yarso. (For 1 year)	Rs. 50,000	Commerce
39.	Folk Deities of Barak Valley.	ICHR	2 Years: Dr. Rama Kanta Das.	Rs. 50,000.00	Bengali
40.	Socio Cultural Analysis of Manasa Worship in Barak Valley	UGC	1 year 6 months: Dr. Bubul Sarma.	Rs. 80,000.00	Bengali
41.	SAP	UGC	Coordinator Deputy Coordinator		Hindi
42.	An Analytical study of Novel & Short Story of Noble Laureate Najib Mahfouz	UGC	Dr. Mostafizur Rahman 18 months	1 Lakh	Arabic
43.	Process Technology for Production of Bamboo Shoot-based Nuggets	UGC, New Delhi	2yrs, Dr. J. K. Sahu	Rs. 11.192 Lacs	Agricultural Engineering
44.	Production of Dried Honey Powder using Vacuum Puffing Technique	MOFPI, New Delhi	3yrs, Dr. J. K. Sahu	Rs. 24.75 Lacs	Agricultural Engineering
45.	Development of framework for Logging and Analysis of Network Traffic for Securing Network Infrastructure.	Department of IT, Ministry of Communication & Information Technology, GOI	2 years Sudipta Roy & Mousum Handique.	Rs. 45.5 lacks	Information Technology
46.	Effect of heavy metals & pesticides on male fertility & testicular carcinoma in situ: resveratrol, coenzyme Q10 targeting the therapeutic machinery	Dept. of Biotechnology, Govt. of India	3 Years Dr. Shubhadeep Roychoudhury	Rs. 41 Lakhs	Life Science & Bioinformatics

	of pre-cancerous cellular condition				
	Effectiveness of Traditional Folk Media in Tea Gardens of Assam : A Study of three Tea Gardens of Barak Valley in Southern Assam	UGC	18 Months, Dr Partha Sarkar, Asst.Professor	1,40,0000	Mass Communication
47.	SAP	UGC	5 years 'Indigenous art and craft of South Assam with special reference to Pottery, Terracotta and Textile'	SAP	Visual Arts
48.	N.E Wordnet project	D.I.T and G.O. I	2years / Prof. B. S. Purkayastha	23 lacks	Computer Science
49.	Electronic Structure Calculation of Transition metal Carbides and Nitrides using WIEN2K	DST, Govt. of India	2008-2011 PI: Dr. B. I. Sharma	3 lakhs	Physics
50.	A study of Warm Inflationary scenario in String Cosmology	DAE (2009/37/24/BRNS)	2009-2012 PI: Dr. Atri Deshamukhya	10 lakhs	Physics
51.	Cometary Grains: observations and simulations'	DST- Indo French Center (CEFIPRA)	2011-2014 PI: Prof. Asoke Kr Sen	56 lacs	Physics
52.	Study of astrophysical dust in Star forming regions, Interstellar medium and Planetary bodies	Department of Science and Technology DST/INT/JSPS/P-92/2010 dated 04/06/2010 Collaboration with Kobe Univ., Japan	2010-2013	10 lacs	Physics
53.	Magnetic field in star forming clouds	D S T and Russian Academy of sciences	Prof A K SEN	60 Lakhs	Physics
54.	Modeling of MHD flow of blood in stenosed arteries with velocity slip	UGC, New Delhi	Three Years 01-02-2011 to 01-02-2014	Rs. 6.87,800/- PI; Prof. D Biswas Co-PI: Dr. U S Chakraborty	Mathematics
55.	Education of the Children of Tea Garden Workers of Assam: An Exploratory Study	NCRI, MHRD, Hyderabad	2008 to continuing Prof. N.B. Biswas & Dr. T. K.Basantia	Rs. 7 lakhs	Educational Science

56.	Characterization and utilization of cyanobacterial bioresources in Southern Assam, Northeast India	DBT, New Delhi	(2008-2011) Dr. Jayashree Rout	35.43 lakhs	Environmental Science
57.	Assessment of vegetation	IIRS, Dehradun	(2008-2011) Prof. Ashesh Kumar Das (PI) Dr. A.J. Nath (Co-PI)	6.42 lakhs	Environmental Science
58.	Studies on the diversity and distribution of soil micro arthropod fauna of grassland, cultivated fields in sub-tropical ecosystems of Cachar, Assam	MoEF, New Delhi	(2009-2011) Dr. D.C. Ray	11.35 lakhs	Environmental Science
59.	Ecological studies on the Chatla wetland in Barak Valley, Assam	UGC, New Delhi	(2009-2012) Dr. Susmita Gupta	8.90 lakhs	Environmental Science
60.	Acute and chronic toxicity of selected pesticides on fish and amphibian tadpoles in Barak Valley, Assam	UGC, New Delhi	(2010-2013) Prof. Abhik Gupta	9.29 lakhs	Environmental Science
61.	A comparative study on diversity and habitat ecology of Anurans from different ecosystems in Barak Valley, Assam, India	UGC, New Delhi	(2011-2014) Dr. Mithra Dey	10.42 lakhs	Environmental Science
62.	Exploration of Lichens from Barak Valley of Southern Assam and Arunachal Pradesh (Northeast India) and isolation of phytochemicals and bioprospecting of some selected Lichen species	DBT	2012-15 Prof. Jayashree Rout	70.15 lakh	Environmental Science
63.	Molecular assessment of Cyanobacterial biodiversity of rice agroecosystems of Southern Assam and Mizoram	DST	2012-15 Prof. Jayashree Rout	32 lakh	Environmental Science
64.	Regeneration ecology of a long lived monocarpic bamboo	UGC	2011-2014 Dr. Arun Jyoti Nath	8.3 lakh	Environmental Science

	<i>Schizostachyum dullooa</i> following gregarious flowering in Barak Valley, Assam				
65.	Formulation and evaluation of low cost fish feed for supplementation in rice fish system in Apatani Plateau in Arunachal Pradesh	UGC	2011-2014 Dr. Tapati Das	10.4 lakh	Environmental Science
66.	Tree diversity and ecology in traditional homegardens of Barak Valley, northeast India using Remote Sensing and GIS	DST, New Delhi	(2009-12) Dr. Tapati Das PI, DST, WOS-A	15.66 lakhs	Environmental Science
67.	Habitat Mapping of Mahseer fishes and development of Spatial database for North Eastern Aquatic diversity	MoEF	Prof. D. Kar	Rs 10.00 LACS	Life Science & Bioinformatics
68.	Phytochemical screening and insilico analysis of some ethnomedicinal plants of Southern Assam	UGC	Dr. M. Dutta Choudhury	Rs. 7.56 LACS	Life Science & Bioinformatics
69.	Molecular cloning and functional analysis of Na ⁺ /H ⁺ antiporter gene in cowpea	DBT	Dr. S. K. Panda	Rs. 44.80 LACS	Life Science & Bioinformatics
70.	Investigation on the genotoxic and tumorigenic potential of two important metabolites of Arecoline – the major areca nut alkaloid	DST	Dr. Sarbani Giri	Rs. 8.88 LACS	Life Science & Bioinformatics
71.	Comparative Genomics and Gene function analysis	DST Indo Japan	Dr. S. K. Panda	Rs. 10.50 LACS	Life Science & Bioinformatics
72.	Amino acid polymorphism in the conserved motifs of HMA proteins and Heavy metal tolerance in plants.	DST & JSPS	Dr. S. K. Panda	Rs. 10.40 LACS	Life Science & Bioinformatics
73.	Isolation, Identification, Characterization and Bioactivity assay of	DBT	Dr. M. Dutta Choudhury	Rs. 1.1 CRORE	Life Science & Bioinformatics

	anti diabetic Drug leads from few selected Medicinal Plants of North East India. : Voyage for Cure of Diabetes.				
74.	Generation of transgenic Blackgram for Aluminium tolerance in acidic soil	DBT	Dr. S. K. Panda	Rs. 2.10 crores	Life Science & Bioinformatics
75.	Functional studies of a group 4 lea gene in <i>Brassica juncea</i> for abiotic stress tolerance	CSIR Project	Dr.S. K. Panda	Rs. 20.0 Lakhs	Life Science & Bioinformatics
76.	Evaluation of Antagonistic fluroscent Pseudomonad bacteria for the disease management in North East Region	DBT	Prof. G.D.Sharma	Rs. 70 Lakhs	Life Science & Bioinformatics
77.	MED-89 on “Hospital based ‘Cancer Genomics and Immunology” with Cachar Cancer Hospital and Research Centre	DBT	5 years PI- Prof S K Ghosh	Approx 89 lakh	Biotechnology
78.	DBT-JNU-Twining on “Methanogenomics” with JNU, Dew Delhi	DBT	3 years PI- Prof S K Ghosh	Approx 39 lakh	Biotechnology
79.	DBT-36.25 on “Molecular characterization of genetic diversity of N ₂ -fixing Rhizobia of wild and cultivated legumes of Assam and Manipur”	CSIR Project	3 years PI – Dr. P.B. Mazumder	Rs. 36.25 lakh	Biotechnology
80.	DBT-128 on “Teaching, Training (Genes and Genomics) and Resaerch (DNA barcoding on Fish)”	DBT	5 years PI- Prof S K Ghosh, Co-PI- Dr. PB Mazumder Dr. M Sengupta	Rs. 128 lakh	Biotechnology
81.	The University Grants Commission has approved financial assistance to the department at the level of DRS-1 under the SAP for	UGC	5-years Coordinator – Prof. S.K. Ghosh	44.90 lakhs	Biotechnology
82.	Ribotyping of Camellia sinesis rhizosphere	DBT	3-years PI- Dr. P.B.	46.50 lakhs	Biotechnology

	microbial population grown in Assam : Identification and evaluation of efficient biocontrol of PGPR strains for the control of Black rot disease caused by corticium theae		Mazumder		
83.	UGC-Major Research Project	UGC	3 years Dr. Amitabha Bhattacharjee	Rs.9,61,300.00	Microbiology
84.	DBT-NER Twining Project	DBT	3 years Dr. Amitabha Bhattacharjee	Rs.100,51 lakhs	Microbiology
85.	UGC-Major Research Project: Restructuring the Past: The Nineteenth and Early Twentieth Century Assamese Historiography	UGC	Sudeshna Purkayastha	Rs. 3, 04,600	History
86.	Impact of NREGA on the Empowerment of Women: A Study of Rural Cachar in Assam	UGC	18 months Dr. Joyati Bhattacharya	1,13,000.00	Political Science
87.	1. Impact Evaluation of Integrated Scheme on Women Empowerment being implemented in the North eastern states of India.	The Central Social Welfare Board, New Delhi.	3 months, Dr. M. Tineshowri Devi	Rs. 81,000/-	Social Work
88.	2. Evaluation study on Indira Awas Yojana (IAY) in North East Region	Planning Commission, New Delhi,	6 months, Dr. S. Dutta (Regional Coordinator)	No Direct Fund. It was incurred by Delhi University.	Social Work
89.	Poverty- Environment Linkage: A Case Study of the Lakhapur Sub-Division of Cachar, Assam.	Indian Council for Social Science Research (ICSSR)	2010-2012; Dr. Alok Sen	Rs. 3,98,825/-	Economics
90.	On Marketing of Processed Food Product in Manipur. Sponsored by Indian Council of Social Science Research- North Eastern Regional Centre, Shillong .	Indian Council of Social Science Research- North Eastern Regional Centre, Shillong .	Dr. A.S. Yarso. (For 1 year)	Rs. 50,000	Commerce

91.	Options for the resolution of cultural conflict in Assam	IGNOU	1 Year : Prof. Bela Das.	Rs.65,000.00	Bengali
92.	Folk Deities of Barak Valley.	ICHR	2 Years: Dr. Rama Kanta Das.	Rs. 50,000.00	Bengali
93.	Socio Cultural Analysis of Manasa Worship in Barak Valley	UGC	1 year 6 months: Dr. Bubul Sarma.	Rs. 80,000.00	Bengali
94.	SAP	UGC	Coordinator Deputy Coordinator		Hindi
95.	An Analytical study of Novel & Short Story of Noble Laureate Najib Mahfouz	UGC	Dr. Mostafizur Rahman 18 months	1 Lakh	Arabic
96.	Cultural Status of Tea Tribes: Southern Assam & Tripura Experience	(UGC MRP)	10 th June 2008 – 6 th June 2010. R.P. Biswas	Rs. 0.80 Lacs	English
97.	A Study of the Effects of Washback of English Language Testing on Teaching and Learning English at the Undergraduate Level in Colleges under Assam University	Central Institute of Indian Languages, Mysore (ongoing)	March 2010 – August 2010. Anindya Syam Choudhury	Rs. 0.99 Lacs	English
98.	Process Technology for Production of Bamboo Shoot-based Nuggets	UGC, New Delhi	2yrs, Dr. J. K. Sahu	Rs. 11.192 Lacs	Agricultural Engineering
99.	Production of Dried Honey Powder using Vacuum Puffing Technique	MOFPI, New Delhi	3yrs, Dr. J. K. Sahu	Rs. 24.75 Lacs	Agricultural Engineering
100.	Development of framework for Logging and Analysis of Network Traffic for Securing Network Infrastructure.	Department of IT, Ministry of Communication & Information Technology, GOI	2 years Sudipta Roy & Mousum Handique.	Rs. 45.5 lacks	Information Technology