

NAME OF THE INSTITUTION: NORTH-EASTERN HILL UNIVERSITY
YEAR OF REPORT: 2013-2014

PART – A

The IQAC successfully compiled the AQARs and uploaded them on the University website. The Steering Committee of the IQAC was reconstituted and its meeting was organized in November, 2014, where important guidelines were set for screening of applications for promotions under CAS. The IQAC also requested the Academic Council of the University to implement the capping formula notified by the UGC. The process of re-accreditation of the University (cycle 3) was put in motion and Letter of Intent was submitted to NAAC.

PART – B

1. Activities reflecting the goals and objectives of the institution:

The University has been conducting its teaching and research activities in strict compliance with the Academic Calendar approved by the Academic Council. Sports and cultural events are also organized from time to time.

2. New Academic Programmes initiated (UG and PG)

The Academic Council of the University approved implementation of semester system at the UG level and syllabi of various UG programmes were approved. Semester system shall be implemented w.e.f. August 2015.

3. Innovations in curricular design and transaction:

Board of Studies for various Departments were constituted by merger of Board of Post Graduate Studies and Board of Undergraduate Studies. This step shall help in formulation of courses of studies with seamless integration of UG and PG courses.

4. Inter-disciplinary Programmes started:

No new inter-disciplinary programmes were started.

5. Examination reforms implemented:

Time bound evaluation of scripts of end semester examinations has been strictly implemented for timely announcement of results.

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

Fellowship	Number of students Granted
UGC/CSIR NET	212
GATE	6

7. Initiative towards faculty development Programmes:

A number of Refresher and Orientation courses were organized by the Academic Staff College.

8. Total number of seminars/ workshops conducted:

Organized – 30

9. Research Projects:

New Projects – 14, Completed Projects – 19, Ongoing Projects – 22

Project in Computer Centre

DIT: Continuous Monitoring of Railway Track Integrity; Presented project to DIT at IIT Guwahati on 31-Jan-2013

10. Patents generated, if any:

No new patents were secured during the year.

11. New Collaborative Research Programmes:

See below under individual Department initiative.

Department of Economics

Prof. U.K. De worked as a visiting faculty of Economic Research Unit, Indian Statistical Institute Kolkata during 20-12-2013 to 03-02-2014.

Department of English (Shillong)

Ms. Rimi Nath was a Member of the editorial board for a book project *The Age of Asian Migration: Continuity, Diversity and Susceptibility*, City University of Hong Kong.

Department of Linguistic

Dr. Umarani Pappuswamy collaborated with several national and international institutes like: (1) International: Australian National University, Australia; and Nanyang Technological University, Singapore. (2) National: Central Institute of Indian Languages, Mysore and Language Division, Kolkata.

Dr. Umarani Pappuswamy and Mr. Bijoy L. Dhanwar

Consultancy services to the Mother Tongue Survey of India, a mega project undertaken by the Language Division, Kolkata.

Centre for Distance Education

The Centre is conducting the following courses on Special Education Programme in collaboration with the Rehabilitation Council of India, New Delhi.

B.Ed.-SEDE

Post Graduate Professional Diploma in Special Education (PGPD-SEDE)

Foundation Course on Education of Children with Disabilities (FC-SEDE)

Centre for Science Education

Prof. M. S. Bisht collaborated with Prof. C. Nirmala, Department of Botany, Panjab University, Chandigarh, Dr. Kananbala Sarangthem, Department of Life Sciences, Manipur University, Canchipur.

Department of Anthropology

India: Prof. R. Khongsdier collaborated with Dr. S. Bisai and Dr. K. Bose, Vidyasagar University, in a project on “Body composition in relation to obesity and associated factors among adolescents in Meghalaya and West Bengal”.

*Abroad :*Dr. B.T. Langstieh corroborated with: (i) Prof. Maria Sasvari-Szekely and Dr. Csaba Barta, Institute of Medical Chemistry, Molecular Biology and Patho-Chemistry, Semmelweis University, Budapest, Hungary, and Dr. Anna Szekely, Institute of Psychology, Eötvös Loránd University, Budapest, Hungary, in a project on psychogenetics, (ii) Prof. Donna Leonetti and Dr. Geoff Kushnick, Department of Anthropology, University of Washington, Seattle, in a project on human behavioural ecology.

Dr. G. Ranjan corroborated with Dr. J. Seberg, Department of Anthropology, Aarhus University, Denmark, in a project titled “Nepal on the Move: Conflict, Migration and Stability.”

Dr. Sudipta Ghosh corroborated with Prof. Tom D. Brutsaert of Syracuse University and Prof. Fabiola Leon, President of UPOCH university of Lima, Peru, in a project entitled “Natural selection and Genes determining Higher Arterial Saturation in Peruvian Quechua” funded by NSF, USA.

Department of Environmental Studies

Professor B. K. Tiwari has research collaboration with Friedrich-Schiller-Universität Jena, Löbdergraben 32, 07743, Jena, Germany, and during the year under report NEHU signed a MOU with Friedrich-Schiller-Universität, Jena to institutionalize the on-going collaboration with Professor Tiwari as one of the nodal points.

Professor Devesh Walia has research collaboration with EOS- NTU, Singapore, IIG, Navi Mumbai, Department of Physics, NEHU, Shillong.

Professor Devesh Walia has research collaboration with Earth Observatory of Singapore, NTU, Singapore; IIG, Navi Mumbai, Department of Physics, NEHU, Shillong.

Department of Geography

Prof. H.J. Syiemlieh and Mr. Danny M. Synnah are collaborating with (i) Dr. P.Prokop, Dept. of Geoenvironmental Research, IGIZ, Polish Academy of Sciences, Krakow, Poland.

Prof. H.J. Syiemlieh and Dr. L. Cajee are collaborating with Prof. T.Hayashi, Disaster Prevention Research Institute, Kyoto University, Japan.

Prof B.S. Mipun is a team member in the collaboration with Friedrich Schiller University, Jena, Federal Republic of Germany.

Department of Rural Development & Agricultural Production

Dr. Binu Mathew is collaborating with the Don Bosco College, Tura, Meghalaya as *Co-investigator* of Biotech Hub Project entitled ‘In vitro propagation of endangered/economically important plants & DNA-Barcoding of animals/plants’ sponsored by DBT (NER), Ministry of Science and Technology, New Delhi.

Department of Biochemistry

A collaborative research project has been started by Prof. R. N. Sharan with Dr. A. Mishra at IIT Rajasthan, Jodhpur with funding by BRNS. Three collaborative projects of Prof. D. Syiem, Prof. A. K. Singh & Dr M. B. Syiem under DBT-Twining are continuing in the department. Two other

collaborative DBT-funded research projects are running in the laboratory of Dr. T. Tripathi. There are also research collaborations at individual level with the following institutes: Toho University, Japan; Research Centre, Juelich, FRG; Osaka University, Japan; University of Cambridge, UK; Newcastle University, UK; JNU, BHU, etc.

Department of Biotechnology and Bioinformatics

NIPER, Chandigarh, Bose Institute, Kolkata, Visva Bharati University, Santiniketan, West Bengal, Molecular Biology Division, BARC, Mumbai, National Institute of Technology, Durgapur, West Bengal, University of Madras, IIT Kharagpur, West Bengal

Department of Botany

India

Jawaharlal Nehru University, New Delhi, Herbal Research Lab., Ramnarain Ruia College, Mumbai, Banaras Hindu University, Varanasi, Indian Institute of Horticultural Research (IIHR), Bengaluru, National Institute of Plant Genome Research, New Delhi, University of Jammu, Jammu, University of Kashmir, Srinagar

37 Universities/Institutions all over the country under the DBT programme, “Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools” (Being coordinated by the Department).

16 Universities/Institutions all over the country under the All India Coordinated research project on “Quantification of Sacred Grove Ecosystem Services”, sponsored by Ministry of Environment and Forests (Being coordinated by the Department).

Abroad

Feiburg University, Feiburg, Germany

University of Ljubljana, Slovenia

Department of Zoology

India

Prof. N. Saha collaborated with Dr. ManasK. Santra, Scientist D, National Centre for Cell Sciences, Pune. Prof. A. S. Dixit collaborated with (i) Prof. V. Kumar, Department of Zoology, Delhi University, Delhi (ii) Prof. Sangeeta Rani, Department of Zoology, Lucknow University, Lucknow. Dr. B. Das collaborated with (i) Dr. Amit Sharma, International Centre for Genetic Engineering and Biotechnology, New Delhi (ii) Prof. K. Satyamoorthy, Manipal University, Manipal; Prof. S. Mishra, ILS, Bhubaneswar, Odisha and (iii) Dr. A. Katak, BCCI, Guwahati, Assam; North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong

Abroad

Prof. A. K. Yadav collaborated with Dr. Andreas-Schmidt Rhaesa, University of Hamburg, Germany on Biodiversity of Indian Nematomorpha and published joint papers out of collaborative work. Prof. A. S. Dixit collaborated with (i) Prof. Kazuyoshi Tsutsui, Laboratory of Integrative Brain Research, Department of Biology, Waseda University, Tokyo, Japan. Dr. S. Ghosh collaborated with National Institute of Biomedical Genomics, Kalyani, WB. Dr. S. R. Hajong collaborated with Dr. Salmah Yaakop, Centre for Insects Systematic, School of Environmental and Natural Resource Sciences, Faculty of Science and Technology, Kebangsaan University, Malaysia. Dr. B. Das collaborated with (i) Dr. Rakesh Kumar, Department of

Biochemistry and Molecular Biology, Institute of Coregulator Biology, Washington, USA and (ii) Dr. V. Ferro, SIPBS, Strathclyde University, Scotland, UK.

Department of Biochemistry

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Department of Chemistry

Prof. K. Ismail has academic collaborations with (i) Dr. V. K. Aswal, Solid State Physics Division, Bhabha Atomic Research Center, Mumbai (ii) Dr. P. A. Hassan, Chemistry Division, Bhabha Atomic Research Center, Mumbai (iii) Dr. S. Mahiuddin, Materials Science Division, CSIR-North East Institute of Science and Technology, Jorhat (iv) Dr. R. Biswas, Chemical, Biological and Macromolecular Sciences, S. N. Bose National Centre for Basic Sciences, Salt Lake, Kolkata. Prof. R. A. Lal has academic collaborations with Dr. Arvind Kumar, Department of Chemistry, Faculty of Science and Agriculture, the University of West Indies, St. Augustine, Trinidad and Tobago. Prof. K. M. Rao has academic collaborations with (i) Prof. YuriyMozharivskyj, Department of Chemistry and Chemical Biology, McMaster University, Canada (ii) Prof. Roger M Phillips, Department of Cancer Pharmacology, Institute of Cancer Therapeutics, University of Bradford, Bradford, UK (iii) Prof. Dr. Habil Werner Kaminsky, Department of Chemistry, University of Washington, Seattle, WA 98195, USA. Prof. A. K. Chandra has academic collaboration with Quantum Chemistry Group, University of Leuven, Belgium. Dr. T. S. Basu Baul has academic collaborations with Prof. A. Linden, University of Zurich, Switzerland; Prof. H. K. Fun, University of Malaya, Malaysia; Prof. G. Eng, University of the District of Columbia, USA; Prof. E. R. T. Tiekink, Universiti Sains Malaysia, Malaysia, Prof. U. Englert, Institut für Anorganische Chemie, RWTH Aachen University, Germany, Prof. M. Fátima C. Guedes da Silva, University of Lisbon, Portugal, Prof. A. Duthie, School of Life & Environmental Science, Deakin University, Australia, Prof. P. Singh, *Guru Nanak Dev University, Amritsar*, Dr. S. K. Manna, Centre for DNA Fingerprinting and Diagnostics, Hyderabad. Dr. M. K. Sahoo has academic collaborations with Prof. R.N. Sharan, Dept. of Biochemistry, NEHU, Shillong; Dr. D. B. Naik, Radiation and Photochemistry Division, BARC, Trombay, Mumbai; Dr. C. Srinivas, Process Development Division, BARC, Trombay, Mumbai. Dr. S. Mitra has academic collaborations with Prof. K. Aguan, Department of Biotechnology & Bioinformatics, NEHU, Shillong; Prof. D. Kumar, BITS, Pilani; Dr. A. Bhasikuttan, BARC, Mumbai. Dr. A. K. Pal has academic collaborations with Dr. T. Tripathi, Department of Biochemistry; Dr. A. Bhattacharya, Department of Biotechnology & Bioinformatics; Dr. S. Mitra, Department of Chemistry; Prof K. Ismail, Department of Chemistry; Prof K. Aguan, Department of Biotechnology & Bioinformatics, NEHU, Shillong.

Department of Physics

Prof. P. Shukla visited the International Centre of Theoretical Physics, *Trieste*, Italy, during Nov. 19 – Dec 19, 2013; and the Institute of Mathematical Sciences, Chennai, India, during Jan. 5 – Feb. 5, 2014, on their invitations for collaborative research work. Prof. B. Jyrwa is engaged in close collaboration between NPD (Nuclear Physics Division) and RCD (Radio Chemistry Division) of BARC at Trombay, Mumbai, regarding experimental studies of nuclear reaction involving photon and neutron cross sections from Structural materials and the theoretical interpretation of the data obtained thereby. There is also close collaboration with IAEA from Vienna regarding compilation of Nuclear Data and their evaluation by calculating the covariance matrices and studying the error propagation of the experimental results.

Department of Sociology

Prof. A.K. Nongkynrih, Member for the NEIGRIMS Ethics Committee, (25th July 2013). Dr. Rekha M Shangpliangwas a Resource Person at the one day seminar on “Cultural Dimensions Of Ecology” organised b the Department of Sociology ,Lady Keane College,Shillong on the 30th of August,2013. Member of Our Lady of the Missions Assn.(OLMA) Regd.Office: St.MarysConvent, Laitumkhrah, Shillong.

Department of Biomedical Engineering

All India Institute of Medical Sciences (AIIMS), New Delhi, Indian Institute of Technology (IIT), Delhi., North Eastern Indira Gandhi Institute of Regional Health Medical Sciences (NEIGRIHMS), Shillong, Indian Institute of Technology (IIT), Guwahati, Maharashi Dayanand University, Rohtak, Haryana, Bundelkhand University, Jhansi, Rajasthan Technical University, Kota, Guru Jambheshwar University of Science & Technology (GJUST), Hisar, Haryana

Department of Basic Sciences and Social Sciences

Dr. M. M. Singh has collaborative research with Dr. B. Bhuyan, Department of Information Technology, NEHU, Shillong. Dr.H. Choudhury has collaborative research with (i) Prof. P. Tandon and Dr. S. Kumaria of Department of Botany, NEHU, Shillong on Micropropagation of *Nardostachys grandiflora* and *Malaxis wallichii*, two threatened medicinal plants of Northeast India, (ii) Prof. S.K. Barik, Prof. N. Venugopal and Dr. M. C. Das of Department of Botany, NEHU, Shillong, and Dr. A. Chettri, Sikkim University, Gantok, Sikkim and Dr. K. K. Singh, GBPIHED (Sikkim Unit) Sikkim on Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools and (iii) Dr. S. Kumaria of Department of Botany, NEHU, Shillong and Dr. S. Shailajan, Dr. S. Pednekar and Dr. S. Menon of Herbal Research Lab., Ramnarain Ruia College, Mumbai , Maharastra on- (a)Phytochemical profiling, molecular characterization and conservation of *Flemingia vestita*: Endemic medicinally important plant of Northeast India, and (b) Molecular characterization and chemoprofiling of two pharmacologically relevant species of *Dendrobium* found in Northeast India. Dr. K. Upadhaya has collaborative research with Prof. S.K. Barik, Prof. N. K. Chrungoo and Dr. S. Kumaria of Department of Botany, NEHU, Shillong, and Dr. P. Kumari of BSI, Howrah, West Bengal on Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools.

Department of Electronics and Communication Engineering

Dr. R. Subadar is guiding one Ph. D. Student at North Eastern Regional Institute of Science and Technology, NERIST, Nirjuli, Itanagr, Arunachal Pradesh

Department of Nanotechnology
BARC, Mumbai and Manipur University

Bioinformatics Centre

1. Collaborative project with JNU, New Delhi on “Next Generation Sequencing and Genome Information of Parasite Biodiversity of medico-veterinary significance in North-East India” to VeenaTandon (PI), Devendra Kumar Biswal(Co-PI) and AlokBhattacharjee (PI), JNU, New Delhi under DBT NER Twinning Programme (2011-14) vide sanction no. BT/48/NE/TBP/2010 dated March 14, 2011.

2. Establishment of Portal for Indian Bioresource Information Network (IBIN) - VeenaTandon (PI), Devendra Kumar Biswal (Co-PI) under National Bioresources Development Board (NBDB, DBT) (2011-2014) vide sanction no. BT/PR14571/NDB/52/187/2010 dated March 04, 2011.

12. Research grants received from various agencies:

Funding Agency	Total Funding (Rs. In Lacs)
UGC Major Research Project	Rs. 6 Lakhs
ICSSR, New Delhi,	Rs.1 Lakhs
Ministry of Communication & Information Technology	Rs.78.11 Lakhs
Indian Council of Social Science Research (ICSSR), New Delhi	Rs. 5, 00, 000 Lakhs
NEHU	Rs. 1, 00, 000 Lakhs
Fund of Centre for Science Education	Rs. 11,12,300 Lakhs
MHRD, New Delhi	Rs 6.30 Lakhs
MHRD, New Delhi	Rs 3.60 Lakhs
DST/BRNS/MoEF	Rs.38.13 Lakhs
UGC (SAP III)	Rs.6.1 Lakhs
NEHU (N-Plan)	Rs.09.00 Lakhs
DBT	Rs.84.80 Lakhs
DBT-M.Sc. teaching	Rs.11.46 Lakhs
DST	Rs.25.50 Lakhs
DST-PURSE	Rs.06.00 Lakhs
NEC	Rs.39.94 Lakhs
OIL	Rs.09.58 Lakhs
DAT	Rs.20.53 Lakhs
ICAR/NAIP	Rs.26.60 Lakhs
NEHU (Non-Plan)	Rs.17.80 Lakhs
DBT	Rs.107.17 Lakhs
DST	Rs.21.43 Lakhs
BRNS	Rs.28.67 Lakhs
UGC under SAP CAS-I (Recurring Grant for 2013-14)	Rs.10,75,000 Lakhs
National Conference SCFC - 2014	Rs.4,20,000 Lakhs

DRS-I SAP Project	Rs. 8,27,844Lakhs
North Eastern Hill University, Shillong, Meghalaya	Rs.5000/-
Maulana Abul Kalam Azad Institute of Asian Studies (MAKAIAS), Kolkata	Rs.5,00,000/-
Funds Received from Agencies including NEHU/UGC	Rs. 10.00 Lakhs
Funds Received from Agencies including NEHU/UGC NEHU in Biochemistry Department	Rs. 21,00,000 Lakhs
Funds Received from Agencies including NEHU/UGC in Zoology Department	Rs. 7,72, 34,000 Lakhs
Funds Received from Agencies including NEHU/UGC in Biochemistry Department	Rs. 21,00,000 Lakhs

13. Details of new Research Scholars (Ph.D.) registered in 2013-14

<i>Departments</i>	<i>No. of Research Scholars</i>
Department of Commerce	01
Department of Economics	03
Department of Library and Information Science	02
Department of English (Shillong)	01
Department of English (Tura)	01
Department of Hindi	01
Department of Khasi	01
Department of Linguistic	11
Department of Philosophy	03
Department of Adult and Continuing Education	01
Department of Anthropology	10
Department of Environmental Studies	11
Department of Geography	07
Department of Rural Development & Agricultural Production	02
Department of Biochemistry	04
Department of Biotechnology & Bioinformatics	04
Department of Botany	13
Department of Zoology	08
Department of Biochemistry	04
Department of Chemistry	07
Department of Mathematics	03
Department of Physics	02
Department of Political Science	04
Total	104

14. Citation Index of Faculty Members and Impact Factor:

Sl No.	Department	Citation Index	Impact Factor
	University range		0.5 – 8.00

15. Honours/Awards/Recognition:

Department of Economics

Prof. S.K. Mishra Member, Plagiarism Committee of *RePEc*, the world's largest collection of journal articles, software and on-line economics working papers, run by a collaborative effort of hundreds of volunteers in 81 countries to enhance the dissemination of research in economics, with HQ in USA. Member, Editorial Board, *Indian Journal of Regional Science*, Regional Science Association, Kolkata. Associate Editor, *Gitam Review of International Business*, Gitam School of International Business, Gitam University, Visakhapatnam.

Prof. N. Srivastav Delivered two lectures on 'Environmental Issues and Planning for a Sustainable Development' in the 24th UGC-ASC sponsored Orientation Program organized by the Academic Staff College, NEHU, Shillong, June 10, 2013 Delivered two lectures on 'Global Environmental Issues and Sustainable Development' in the 25th UGC-ASC sponsored Orientation Program organized by the Academic Staff College, NEHU, Shillong, November 11, 2013. Delivered two lectures on 'Issues and Problems of Product Differentiation: Some recent Development' in the UGC-ASC sponsored Refresher Course in Commerce and Management organized by the Department of Commerce, NEHU, Shillong, November 19, 2013.

Prof. B. Mishra was invited to attend the Regional Conference of the 14th Finance Commission (North-Eastern Region), held at IIT, Guwahati on 12th.June,2013. Was invited as a Resource Person to deliver 4 lectures in the Special Winter School in Management Sciences, organized by Department of Management, NEHU, Tura Campus on 17th and 18th September, 2013. Was invited to deliver two lectures on "qualitative Research" in the Ph.D. Course work at Department of Business Administration, Sambalpur University, Odisha, on 14th March, 2014.

Prof. U. K. De Presented invited lecture on "Ecotourism, its Relevance for Development and Conservation of Bio-diversity and other Natural Resources", in the state level workshop on Assessing Feasibility of Promoting Eco-tourism in Ntangki National Park of Peren District of Nagaland, organised by the National Afforestation and Eco-Development Board, NEHU at Dimapur during 10-12 March, 2014. Presented invited seminar on "Changing Climate and the Agricultural Scenario of Assam since 1950" at Indian Statistical Institute, Kolkata on 29-01-2014.

Prof. B. Panda was appointed by Ministry of Rural Development, Govt. of India, a member of the expert committee on effective initiatives district award under MGNREGA for the year 2013-14. Chaired a session on 'Women Empowerment' in the National Seminar on *Poverty and Human Development: Issues and Challenges*, organized by the Dept. of Economics, Doomsdooma College, Assam, 10-11 May, 2013. Delivered a lecture entitled 'impact of insurgent activities on the economic development of the country' in the refresher course for 34th – 36th batch Dy superintendents of police organised by North Eastern Policy Academy, Shillong, on 19/08/13. Delivered a lecture entitled 'recent developments in economics of development' in the UGC-Special Summer School for college and university teachers on the topic 'recent advances in social and natural sciences' organised by department of education, NEHU, on 24.08.2013. Delivered two lectures on 'urban informal sector' in the refresher course organised by the deptt.of commerce, NEHU on 26th November 2013. Delivered two lectures entitled 'concepts and approaches to development', in the refresher course organized by the Department of political

science, NEHU, 27th Nov 2013. Delivered two lectures on 'inclusive development' in the 26th orientation programme for college and university teachers, organised by ASC, NEHU on 10.02.2014. Evaluated the performance of MGNREGA in the districts of Bankura in West Bengal, Bhilwara in Rajasthan, Koraput in Odisha and Srikakulam in Andhra Pradesh as a member of the central expert team, Ministry of Rural Development, Govt. of India during 3rd to 18th January 2014.

Department of Khasi

Prof. S. Dkhar* Nominated member a Language Expert of the Grant In Aid Committee of CIIL, Mysore from 2013 for three years approved vide Ministry of Human Resource Development, Govt. of India Letter No. F.8-52/2012/L-II Dated 10/10/2013

* Nominated Regional Advisory Committee Member of the Indian Council for Cultural Relations, Shillong (Ministry of External Affairs, Govt. of India) from 2013

* Awarded the Meghalaya Day Award (Tirof Sing Award, 2013) for exemplary contribution to Arts and Literature by the State Government of Meghalaya on 26th January 2014 at Polo Ground, Shillong.

* Awarded the Sarojini Naidu Samman in the 14th All India Poetess Conference held at District Library, Dibrugarh Assam, on 10th March 2014.

Department of Linguistics

Dr. Umarani Pappuswamy, Member of the Publication Committee, Indian Linguistics Journal published by the Linguistic Society of India for the term January 2012 – December 2014. Associate Editor of the Journal South Asian Language Review <http://journalsalr.com>; ISSN: 0971-0485

Center for Distance Education

Prof. R. N. Rai was nominated Vice-President of Indian School Psychology Association (InSPA), 7,14th Street, Krishna Nagar, Puducherry, from 1st April, 2013, for 3 Years. Was nominated Editorial Consultant of the Journal of the Indian Academy of Applied Psychology from January 2014.

Department of Anthropology

Prof. R. Khongsdier was appointed as an Expert Member of the State Level Scrutiny Committee for Schedule Tribes, Government of Meghalaya.

Department of Environmental Studies

Prof B. K. Tiwari

Awarded two months DFG-INSA Fellowship under International Collaboration/Exchange Programme during 2013 to visit Fredrich-Scheller-Universitat, Jena, w.e.f . 10 October -9th December, 2013. Elected Fellow of The Society of Ethnobotanists in 2013 for his contributions in the interdisciplinary Science of Ethnobotany. Member Programme Advisory and Monitoring Committee (PAMC) of National Programme on Carbon Sequestration (NPCS) Research of Department of Science and Technology, Government of India, New Delhi. Member of Core Group, Commission on Ecosystem Management IUCN, South Asia. Member of Meghalaya Heritage Authority, Government of Meghalaya 2013. Member, Academic Council, Meghalaya Institute of Natural Resources, Govt. of Meghalaya. Member of Task Force on Climate Change

Adaptation Programme in Meghalaya. Member of Expert Committee of Meghalaya Biodiversity Board, Government of Meghalaya

Department of Geography

Prof. D.K. Nayak appointed as member of the Academic Council, Sikkim University, Gangtok, for the period 2014-2016.

Department of Biochemistry

Prof. R. Sharma

Selected for INSA Senior Scientists Bilateral International Exchange Programme-2014, Hungary; Member, Editorial Board of *Biogerontology* (Springer, The Netherlands), Member, Editorial Board of *International Journal of Developmental Neurosciences* (Elsevier, USA), Member, Editorial Board of *Frontiers in Aging Research* (Switzerland).

Prof. R.N. Sharan

One provisional patent application # 486/KOL/2013 on “A bio-marker and method of molecular bio-dosimetry” under International Treaties and Conventions (ITC) filed at Kolkata in 2013 with applicants/inventors: Prof. R. N. Sharan & Secretary, DAE/Ms. Saibadaiahun Nongrum, Dr. S. T. Vaiphei, Dr. L. Kma & Dr. R. C. Chaubey.

One full patent application # 839/KOL/2013 on “A process for wastewater treatment” under International Treaties and Conventions (ITC) filed at Kolkata in 2013 with applicants/inventors: Dr. M. K. Sahoo & Prof. R. N. Sharan/Mr. B. Sinha. The application is under examination.

Dr. T. Tripathi

Member, Scientific Board of Biological, Pharmaceutical & Medical Sciences of International institute of Chemical, Biological and Environmental Engineering. Selected as a Biochemistry Editor by Webmed Central.

Department of Biotechnology & Bioinformatics

Prof. S. R. Rao was awarded DBT-CREST Fellow at the Department of Soil and Crop Sciences, Texas A&M University, College Station, USA, from 5th January to 4th April, 2014.

Department of Botany

Prof. P. Tandon

Was conferred the prestigious A.R. Chavan Memorial Lecture Award by the M.S. University, Vadodara. He delivered a lecture entitled ‘Plant Genetic Resources, Food Security and Climate Change An Indian Perspective’ on 7th August 2013. He also delivered a lecture on ‘Clonal Propagation and Cryopreservation of Plants in the Department of Botany at M.S. University.

Was conferred the prestigious Lecture Award in field of Biodiversity by the National Academy of Sciences (2013). Has been appointed member of the following: National Advisory Council of Government of India, Advisory Committee of the National Academy of Sciences on Brahmaputra Gallery at Guwahati, Council, the National Academy of Sciences, India, Advisor, Institute of Life Sciences, Malkolak Knowledge Centre, Hyderabad, Search Committee for recommending a panel of names for appointment of Chancellor of Usha Martin University, Member, Biotechnology Vision Group of Uttar Pradesh, Government.

Prof. A. K. Misra

Nominated by UGC as Expert on the Advisory Committee of UGC SAP programme of Department of Botany, Sri Venkateshwara University, Tirupati. Edited Special Issue of The Journal of Biosciences (November, 2013) jointly published by the Indian Academy of Sciences, Bangalore and Springer. Gave a series of honorary lectures at the Orientation programmes for University/ College teachers organised by the Academic Staff College, NEHU. Became Member of the Executive Council of NEHU. Appointed Director, Internal Quality Assurance Cell, NEHU.

Prof. N. K. Chrungoo has been appointed as Member, Faculty of Biotechnology, D.Y. Patil Univ., Pune, Member, DBT task force on Plant Biotechnology and emerging areas, Member, DBT task force on Biotechnology based programmes for women, Member, Board of Post Graduate Studies in Botany, Tripura University, Agartala, Asia pacific representative on the Editorial Board of the Journal *FAGOPYRUM*. Delivered extension lectures on Feb. 7-8, 2014 at Tejpur Central University, Tejpur

Prof. S.K. Barik has been appointed as Expert Member in the DBT Task Force on “Environmental Biotechnology and Biodiversity”. Expert Member in the DBT Apex Committee on Biotechnology research for North-East. Expert Member on the Scientific advisory Committee on ENVIS of Ministry of Environment and Forests, Government of India. Expert Member, Committees on Identification of Eco-sensitive Zones in Meghalaya and Nagaland. Expert Member, Meghalaya State Biodiversity Board. Expert Member, Indira Gandhi Paryavaran Purashkar, Ministry of Environment and Forests, Government of India. Associate Editor, *Tropical Ecology*. Member Editorial Board, *Journal of Biodiversity*. Member, Executive Council, *International Society for Tropical Ecology*, and *International Society for Environmental Botanists*. Delivered talks in two Orientation Courses, one Summer School, one Autumn Course, and one Refresher Course organized under Academic Staff College, NEHU, Shillong.

Prof. H. Kayang has been appointed as member of Board of Studies of the Department of Environmental Science, Mizoram University (2013-2016).

Dr. Meera Chettri Das was awarded Overseas Associateship, DBT Govt. of India during August, 2013 to January, 2014.

Department of Zoology

Prof.V. Tandon was (i) nominated as a member of ‘Steering Committee for All India Coordinated Project on capacity building in Taxonomy (AICOPTAX)’ (MoE&F, GOI), (ii) elected as Sectional President: Biological Sciences- The 83rd Annual Session of the National Academy of Sciences, India and Symposium on “Space for Human Welfare”, Goa University, Goa. 5-7 December, 2013, (iii) elected as a General Secretary (outstation)-National Academy of Sciences, India 2014- 2015.

Prof. B. K. Sharma served as Visiting Professor, Department of Zoology & Fisheries, Vidyasagar University, Mindapore, West Bengal, in January– February, 2014.

Prof. B. B. P. Gupta was (i) elected member of the Editorial Board, Proceedings of the Indian National Science Academy (Biological Sciences), New Delhi, and (ii) appointed member of the Editorial Board, American Journal of Experimental Biology.

Prof. S. B. Prasad gave a talk on “*Cancer: Causes, food habits and prevention*” at Atomic Minerals division Directorate for exploration and research, DAE, Shillong on August 7, 2013.

Prof. N. Sahawas appointed as a (i) PAC member of the DST-SERB Animal Science Group (2012-2014), (ii) Task Force member of DST-SERB for Empowerment and Equity for Excellence in Science Committee (2013-2015), (iii) Member of the UGC Major Research Project Evaluation Committee.

Prof. S. N. Ramanujam was appointed external expert for School Board of School of Ecology and Environmental Sciences, Assam University.

Prof. A. K. Yadav served as an Editorial Board Member of the Journal of Parasitic Diseases (Springer)

Prof. A. S. Dixit was (i) elected as Vice-President of Indian society of Chronobiology and (ii) appointed member of the team to prepare course content for “Chronobiology” for the UGC’s e pathsala program for PG

Dr. B. Keshan served as an organizing committee member, resource person in the National Workshop on “Hands-on Training on Techniques used in Biotechnological Research” 28 February to 8 March, 2014 under “ DBT-Programme on Improvement of Infrastructure for Biotechnology Teaching, Training & Research in NE India”, organized jointly by Department of Zoology and Department of Biotechnology and Bioinformatics, NEHU, Shillong.

Dr B. Dasserved as an organizing committee member, resource person in the National Workshop on “Hands-on Training on Techniques used in Biotechnological Research” 28 February to 8 March, 2014 under “ DBT-Programme on Improvement of Infrastructure for Biotechnology Teaching, Training & Research in NE India”, organized jointly by Department of Zoology and Department of Biotechnology and Bioinformatics, NEHU, Shillong.

Department of Physics

Prof. D.T. Khathing was Chairman, UGC Expert Committee, for selection of Post-Graduate for Professional Courses for SC & ST candidates for 2013 – 2014 from 11th – 13th March, 2013. Was Chairman, AIU Committee, for synthesis of the recommendations arising from meetings of Vice-Chancellors at their respective Zonal Meetings on 7th March, 2014.

Department of Basic Sciences and Social Sciences

Dr. J. Dutta received “Young Relativist Award” at the International Conference on Differential Geometry and Relativity” (ICDGR-2013), held on 09-11 November at DDU Gorakhpur University, Gorakhpur.

Department of Electronics and Communication Engineering

Dr. Subhash C. Arya is the DRC Committee Member in Department of ECE, NIT, Meghalaya
Dr. Lairenlakpam Joyprakash Singh had been nominated and became a member (alumni representative) of Board of Management (BoM), North-Eastern Regional Institute of Technology (NERIST), Nirjuli, Arunachal Pradesh in the month of January 2014.

Department of Information Technology

Prof. Goutam Saha selected as one of the member of the Sixth Reconstituted Task Force Committee on Bioinformatics, Computational and System Biology (BCSB) of DBT, Govt. of India. Prof. Goutam Saha selected as a member of the Governing body of the RIST engineering college, affiliated to NEHU (NEHU representative). Dr. Bubu Bhuyan selected as a member of Board of Research of National Institute of Technology, Arunachal Pradesh. Dr. Bubu Bhuyan nominated as a Special Invitee to the meetings of Academic Council of Tezpur University, Tezpur for a period of two years with effect from 21.11.2013. Dr. Swarup Roy received *Best Doctoral Thesis* award from IIT-Roorkee during Intl. Conf. SocProS-2013. Dr. Swarup Roy becomes invited member of IDES- Institute of Doctors, Engineers and Scientists. Dr. Swarup Roy appointed as a reviewer of prestigious International Journals namely, IEEE/ACM Trans. on Computational Biology & Bioinformatics, Computer Methods and Programs in Biomedicine (Elsevier) and Network Modeling Analysis in Health Informatics and Bioinformatics (Springer). Arnab Kumar Maji becomes professional lifetime member of Association of Computing Machinery (ACM).

16. Internal Resources Generated:

Resources generated through fee and corpus investment fund.

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

Twelve Departments have been honoured with UGC Special Assistance Programme, with two Departments (Botany and Chemistry), being at the level of Centre of Advanced Studies.

18. Community Services:

The National Service Scheme (NSS) of Government of India envisages the utilization of the free time of Higher Secondary School/Colleges/University students for socially productive works. An important feature of the NSS is that its programmes are organized by the student volunteers themselves, under the guidance of their teachers as Programme Officers. The work undertaken by the NSS units are divided into Regular Activities and Special Camping. The volunteer strength has increased to 21437 comprising students from 38 colleges, 22 Higher Secondary Schools, 1 Medical Institute and 2 Post Graduate units with 90 Programme Officers.

Review Meeting :

A Review Meeting was held for NSS Programme Officers from East & West Khasi Hills, Jaintia Hills, Ri Bhoi and Garo Hills District on 10th May, 2013 at the Conference Room, Administrative Building, NEHU, Shillong. 43 NSS Programme Officers attended the meeting.

Blood Donation :

NSS Units from several institutions have conducted Blood Donation camps. A total of 381 volunteers have voluntarily donated blood to the blood banks and for needy patients. The NSS unit of *St. Edmund's College* organized a blood donation camp at Regional Pasteur Institute, Shillong on 14th June, 2013. Thirty (30) donors donated blood on this day.

1 NSS volunteer of *Umshyrpi College* donated blood for a needy patient at Nazareth Hospital on 7th August 2013.

Union Christian College, Umiam organized a blood donation camp at the college campus on 8th August, 2013. Eighty Eight (88) NSS volunteers donated blood.

6 NSS volunteers of *St. Anthony's College* donated blood for emergency cases at NEIGRIHMS during the month of August.

The NSS unit of *St. Anthony's College, Shillong* organized a blood donation camp at Nazareth Hospital on 23rd September 2013. Seventy (70) NSS volunteers donated blood.

The NSS unit of *Shillong College, Shillong* organized a blood donation camp at the college campus on 6th September, 2013. Twenty one (21) NSS volunteers donated blood.

The NSS unit of *P. G. Unit, NEHU Campus, Shillong* organized a blood donation camp at NEHU Health Centre, Permanent Campus on 9th September, 2013. Twenty one (21) donors donated blood on this day.

12 NSS volunteers of *St. Anthony's College* donated blood for emergency cases at NEIGRIHMS and Pasteur Institute on 26th and 29th September 2013.

The NSS unit of *St. Edmund's College* organized a blood donation camp at college campus on 30th September, 2013. Seventy (70) donors donated blood on this day.

1 NSS volunteer of *St Anthony's College* donated blood for needy patient at Nazareth Hospital on 5th November 2013.

6 volunteers of UCC donated blood for needy patients during June and August 2013 at NEIGRIHMS, Nazareth Hospital Shillong and GMC Hospital Guwahati.

9 volunteers of Lady Keane College donated blood At Don Bosco Youth Centre on the occasion of World Blood Donors Day, 14th June 2013.

46 volunteers of P.G unit NEHU Shillong donated blood at the camp organized by the unit on 22nd March in collaboration with Regional Blood Bank ,RRC and SBTC, Shillong.

NSS Mega Camp:

12 NSS volunteers and 1 programme Officer of St. Anthony's College, Shillong attended the NSS Mega Camp at Bangalore, 29th June-10th July 2013.

11 volunteers and 1 Programme Officer of Sankardev College, Shillong attended the Mega Camp at Tezpur University, Assam from 12th -20th December, 2013.

Indira Gandhi National NSS Award:

Mr. Shaisngi Lyngdoh, NSS volunteer, Shillong College, and Ms. Dayomika Rhoda Kharsyntiew, NSS volunteer, St. Edmund's College, were conferred with the IGNSS Award on 19th November 2013 at New Delhi.

Republic Day Parade Camp :

A selection camp for Pre-Republic Day Parade Camp was held on 10th September, 2013 at Community Hall, NEHU Mawlai, Shillong. Around 44 NSS volunteers from different colleges participated in this camp.

10 NSS volunteers from different colleges along with one Programme Officer participated at the Pre-Republic Day Parade Camp held at Phulbagan, Kolkata from 21st-30th October, 2013.

Badonbok Paliar NSS volunteer P.G. unit NEHU Shillong and Ms. Karisma Tongper, NSS volunteer, Thomas Jones Synod College, Jowai attended the Republic Day Parade Camp at New Delhi from 1st – 31st January, 2014.

National Youth Festival :

10 (ten) NSS volunteers from Durama College, Tura and Tura Govt. College alongwith Mr. K. Nengminza, PO, Durama College attended the National Youth Festival at Ludhiana, Punjab from 12th-16th January, 2014.

North East NSS Festival :

32 NSS volunteers and 2 Programme Officers from Jaintia Eastern College, Khliehriat of Meghalaya attended the North East NSS Festival held at Khuman Lampak Stadium, Imphal from 12th-16th November, 2013. Dr. L. Kma, Programme Coordinator also attended the festival as a special invitee.

80 NSS volunteers and 20 NSS Programme Officers from various institutions of Meghalaya attended the NE NSS Festival at State Central Library, Shillong from 7th -11th January, 2014.

31 volunteers from various colleges of Shillong alongwith Ms. V. Soanes, PO, Christian Academy College attended the Festival at Aizawl from 3rd – 7th February, 2014.

33 volunteers of Shillong College and P.G.unit NEHU alongwith 2 PO's attended the Festival at Agartala from 12th -16th February, 2014.

Adventure Camp :

9 NSS volunteers from Christian Academy College and P.G. unit NEHU alongwith Mr.G.Kharkongor, PO, St.Edmund's College and Ms. V. Soanes, Christian Academy College attended the winter adventure camp at Narkhanda, Himachal Pradesh from 22nd Feb – 3rd March, 2014.

19 volunteers from P.G unit NEHU Shillong alongwith Dr. P. Khongji, PO attended another camp at Solang, Manali, HP from 3rd -12th March 2014.

Special Camps:Under the theme of "Healthy Youth for Healthy India"

Special Camps were held at various places as given below :

P. G. Unit, NEHU, Shillong at *Nongkohlew Village, Mawtawar* from 18th-24th July 2013.

Shillong College, Shillong at *Nongmadan Village*, from 18th-24th August 2013.

St. Edmund's College, Shillong at *Mawkasiang Village* from 10th-16th October 2013.

Thomas Jones Synod College, Jowai at *Pynthor Langtein Village* from 11th-17th October 2013.

St. Anthony's College, Shillong at *Nongjri Village* from 11th-17th October 2013.

Shillong College, Shillong at *Nongtyngur Village* from 11th-17th October 2013.

Jaintia Eastern College, Khliehriat at *Cham Cham Village* from 21st-27th October 2013.

Mawsynram Higher Secondary School, Mawsynram at *Phud Phanblei Village* from 4th-10th November, 2013.

Captain Williamson Memorial Government College, Baghmara at *Dabit Village* from 17th-23rd November 2013.

Sngap Syiem College, Mawkyrwat at *Pawphlang Village* from 12th-18th November 2013.
Durama College, Tura at *Ganol Apal Village* from 18th-24th November 2013.
Shillong College, Shillong at *Mawjongka Village* from 18th-24th November 2013.
Tura Government College, Tura at *Rombagre Village* and *Selbalgre Village* from 24th-30th November 2013.
Women's College, Shillong at *Mawblang Village* from 25th-30th November 2013.
Christian Academy College, Shillong at *Nongmarboh Village* from 25th-29th November 2013.
Lady Keane College, Shillong at Pingwait village, Mawkyrnrew block from 9th 15th December, 2013.
Sankardev College at Shankhla village, Laitkroh from 1st- 7th December, 2013.
Acheng Rangmanpa College, Mahendraganj at Daspara village from 23rd- 29th August, 2013.
Acheng Rangmanpa College, Mahendraganj at Chapahati village from 11th – 17th December, 2013.

Major activities undertaken during these camps were :

Socio-economic survey of the village, literacy programmes, demonstration on rural technologies and low cost sanitation, disaster management, formation of SHG's, waste disposal, cleaning drives, white washing of local schools, digging of water ponds/fish ponds, asset creation, quiz/debate, sports competitions, trekking, awareness on HIV/AIDS, drug abuse etc. Besides these activities, free medical and eye check-up camps have become a regular feature during these camps. We are grateful to the DMHO's of the different districts and to Bansara Eye Care Centre, Shillong for their support.

NSS Day:

The NSS Cell NEHU in observance of 44th NSS Foundation Day organised a day long programme on 24th September 2013 at NEHU Convention Centre, Shillong. Around 600 volunteers along with Programme Officers from different institutions attended the programme. Shri. Paul Lyngdoh, MLA was the chief guest on the occasion in the presence of the Pro-Vice-Chancellor, NEHU, and Dr. H. Iangrai, SLO, NSS.

The University Level NSS Awards were also presented on the occasion. The best NSS Unit was awarded to *Women's College, Shillong* and the best Programme Officers were awarded to (i) *Mr. Cosmas Rynshon of Women's College, Shillong.* (ii) *Mr. Mardor Synrem of Shillong College, Shillong.* The best NSS Volunteer Awards were given to *Mr. Jefferson Lyngkhoi and Mr. Banshanmiki of St. Anthony's College, Shillong, Ms. Nasima Begum Choudhury of Shillong College, Shillong.* The awards were given on the basis of their committed and effective participation in community service.

The day ended with a variety programme which comprised songs, dances, skits and multi-varied cultural items.

World Environment Day :

The NSS unit of P. G. NEHU, Shillong organized a *cleaning drive-cum-tree plantation* programme at the university campus followed by distribution of pamphlets in the neighbouring localities. About 70 NSS volunteers participated and 150 saplings were planted at the campus. The day also included talks by resource persons on environment.

The NSS unit of Anderson Higher Secondary School organized a *tree plantation* in Mawkawah area (Nongstoin). 150 saplings were planted and 44 volunteers participated.

The NSS unit of St. Anthony's organized a *poster and drawing competition* for school children at the adopted village (Nongjri).

The NSS unit of Ri-Bhoi College, Nongpoh organized a *Quiz and Slogan writing competition* at the college campus. 80 volunteers participated.

The NSS unit of St. Edmund's College, Shillong in collaboration with the NOW Eco Club organized various programmes like *Sit & Draw competition* for differently able school children, *open Quiz, Slogan writing, Photography and singing competitions*. The days highlight included "Adopt a Tree" programme whereby 50 saplings were distributed and the first ever Flash Mob performed by the volunteers.

The NSS unit of Tura Government College, Tura organized an *awareness campaign* on this year theme "Think, Eat, Save".

The NSS unit of Sankardev College organized a *tree plantation* at Kyrdem Khla Village, Mawjrong. 150 saplings were planted and 30 NSS volunteers participated.

The NSS unit of Government Girl's Higher Secondary, School, Shillong observed the day by organizing a *cleaning drive* at Jail Road, Shillong.

The NSS unit of Women's College organized a *tree plantation* on 15th June 2013 at the adopted village. 200 saplings were planted.

The NSS unit of Sngap Syiem College also organized a *tree plantation* at the college campus and Women's hostel, Mawkyrwat. 50 saplings were planted and 150 volunteers participated.

The NSS unit of Shillong College in collaboration with the Shillong Academic Society organized a *cleaning drive* in the college campus on this day. About 200 volunteers participated.

The NSS unit of Seng Khasi College in observance of Van Mahotsav Week organized a *tree plantation cum cleaning drive* at the college campus and at the adopted village on 4th July 2013. 49 volunteers participated along with the Programme Officers. 70 saplings were planted.

The NSS unit of Women's College in collaboration with Salonsar Youth Welfare Organisation (SYWO) organized a *tree plantation and an awareness programme on HIV/AIDS* at Nongtraw village, Ri-Bhoi on 5th July 2013. 200 saplings were planted. 10 volunteers participated.

The NSS unit of Holy Child Higher Secondary School organized a *tree plantation* on 6th & 8th July 2013 at Salem School, Nongkrem and school premises. 17 volunteers participated and 30 saplings were planted.

The unit of Mendipathar College organized a *drawing & painting competition* followed by a *tree plantation* programme at the college campus on 5th June. 234 students participated in planting more than 1000 saplings.

130 volunteers of Nongstoin College attended an awareness programme at the college campus to mark the occasion of World Environment Day on 5th June. This was followed by a one day cleaning drive at the campus on 28th June where 105 volunteers took part.

The unit of Nongstoin College organized a tree plantation drive at the college campus on 18th July in observance of Van Mahotsav. 85 volunteers took part and 250 saplings were planted.

District Level NSS Meet :

The unit of Sngap Syiem College organized the first district level NSS Meet for students of South West Khasi Hills district at Mawkyrwat from 12-14 December, 2013. About 200 students attended the same.

Other Activities :

In observance of Swami Vivekananda's 150th Birth Anniversary the NSS unit of Nongtalang College in collaboration with the Vivekananda unit, Jowai, organized an *awareness programme* at the college conference hall on 18th April 2013. 200 volunteers participated.

The Programme Coordinator and Programme Organiser attended the *NSS State Advisory Meeting* held at Main Secretariat, Shillong on 24th April, 2013.

The NSS unit of St. Edmund's College, Shillong in collaboration with the NOW Eco Club, department of Environmental Science observed the *International Day on Biological Diversity* on 22nd May 2013 at the college auditorium. Various activities were organized based on this year's theme "Water & Biodiversity". 95 volunteers participated.

The NSS unit of Tura Government College in collaboration with Social Forestry Division, West Garo Hills organized an *awareness programme* at St. Claret Secondary School, Ampati on the theme "Water & Bio-Diversity" on 22nd May 2013.

The Anthonian Youth Club in collaboration with the NSS unit of St. Anthony's College organized a "*World No Tobacco Day*" procession in Shillong City on 31st May 2013.

5 NSS Programme Officers of different colleges attended a *blood donation and motivation programme* on 22nd May 2013 at Don Bosco Youth Centre organized by Meghalaya Aids Control Society.

The NSS unit of Ri-Bhoi College, Nongpoh in collaboration with the Police Department, Ri-Bhoi, Nongpoh organized a *public rally* on 26th June 2013.

The NSS unit of Jaintia Eastern College, Khliehriat in collaboration with Society of Urban & Rural Empowerment (SURE) and Police Department, Khliehriat organized a seminar on "*Drug Abuse*" followed by an interaction at the college premises on 26th June 2013. 155 volunteers participated.

The NSS unit of Sngap Syiem College organized a one day *orientation programme* for the newly enrolled students and also inaugurated the spoken Hindi class on 1st July 2013 at the college campus. Around 300 students registered as Hindi learners.

The NSS unit of Holy Child Higher Secondary School organized a *trekking* to Krem Marai (Krem Pahsyntiew) at Nongkrem village on 3rd July 2013. 27 NSS volunteers along with the Programme Officer participated.

The NSS unit of Sngap Syiem College revisited the adopted village (Phodjaud) on 8th July 2013 to assess the impact of activities conducted and constructed at the village during their period of Special Camping.

The NSS unit of Sngap Syiem College, Mawkyrwat in collaboration with the Red Ribbon Club (RRC) unit organized a *motivation camp on blood donation* on 9th July 2013 at the college campus. 200 volunteers attended.

The NSS unit of Sngap Syiem College revisited the adopted village (Pawphlang) on 10th July 2013. *100 saplings of lagoon fruits* were donated by the District Horticulture officer, South West Khasi Hills to the unit and it was distributed to the villagers.

The NSS annual meet was organized by Sngap Syiem College at the college campus followed by an *awareness programme on "HIV/AIDS-Causes and impact on Society"* on 23rd July 2013 at the college campus. More than 100 volunteers attended.

The NSS unit of St. Anthony's College organized a *Food Fest* on 29th July 2013 to raise fund for the upcoming programme of the unit for the street children and in the orphanage.

The NSS unit of Holy Child Higher Secondary School in collaboration with Mission Trust Bawri Nethralaya, Shillong organized a *Free Eye-Check up camp* at Mawber village on 26th July 2013. 5 volunteers participated and more than 180 people benefitted.

The NSS unit of St. Anthony's College organized a *trekking* to Nongkseh (Umlyngka) village, Shillong on 9th August 2013. 54 volunteers along with 4 Programme Officers participated.

The NSS unit of Seng Khasi College in collaboration with the Red Ribbon Club (RRC) organized an *awareness programme* on HIV/AIDS followed by a documentary film show "The Test" at the college Hall on 12th August 2013. 300 volunteers attended.

The NSS unit of Shillong College organized an *awareness programme* in collaboration with New Hope Centre, Shillong on "*Drug Addiction and Alcoholism*" at the college campus on 14th August 2013. 150 volunteers attended.

The NSS unit of Jaintia Eastern College and Shillong College observed the *Sadbhavana Diwas* at the college campus on 20th August 2013. 40 volunteers participated.

The NSS unit of Laban Bengalee Boys Higher Secondary School in collaboration with Bansara Eye Care organized a *Free Eye camp* at the school campus on 22nd August 2013. Around 600 students were benefitted.

The NSS unit of Sankardev College organized a one day training programme on *Mushroom Cultivation* for 60 volunteers and other members of Self Help Group at the adopted village (Kyrdem Khla), Laitkroh on 24th August 2013.

The NSS unit of Union Christian College, Umiam organized a one day seminar on "*Human Trafficking*" on 30th August 2013 at the college Auditorium. 256 volunteers attended.

The NSS unit of Union Christian College organized a drawing competition for school children on the topic "*Plant Trees Save Life*" on 6th September 2013 at the college campus. 20 volunteers participated.

The NSS unit of Tura Govt. College in collaboration with Social Forestry Division, West Garo Hills District and IPTAC observed the *International Day for Preservation of Ozone Layer* on the theme "*A Healthy Atmosphere, a Future We Want*" on 16th and 17th September 2013 at Rombagre and Boldamgre Deficit Secondary School.

The NSS unit of Nongtalang College organized a *Social Work Day* on the 27th September 2013 in and around the college campus. 150 volunteers participated.

The NSS unit of St. Anthony's College organized the *annual cleaning drive* within the campus and the adjoining areas on 28th September 2013.

The NSS unit of Sngap Syiem College in collaboration with State Council Science Technology & Environment (SCSTE), Shillong organized 2 days programme on environment by organizing various competitions like *drawing & painting, environmental exhibition, debate & essay competition* on 26th & 27th September 2013 at the college campus. More than 100 students participated.

The NSS unit of Umshyrpi College organized an *awareness programme* on HIV/AIDS and distribution of IEC materials in Laban area on 28th September 2013. 29 volunteers participated and 120 people were benefitted.

The NSS unit of Umshyrpi College in collaboration with Nazareth Hospital organized an awareness programme on "*Safe blood donation*" on 1st October 2013 at Don Bosco Youth Centre. 23 volunteers attended the programme.

The NSS unit of Nongtalang College celebrated the 144th *Birth Anniversary of Mahatma Gandhi* by organizing various activities on 2nd October 2013 at the college campus. Around 150 volunteers participated.

The unit of Nongstoin College organized a one day *sensitization programme on blood donation* 25th October 2013 at the college premises. 72 NSS volunteers attended the programme.

The NSS unit of St.Edmund's College in collaboration with Reserve Bank of India (RBI) Shillong had organized a *workshop cum awareness programme* on financial inclusiveness and financial fraudulence at the college campus on 1st November 2013.

Around 78 NSS volunteers attended a programme organized by Bansara Eye Care Centre on the occasion of *World Diabetes Day* at Dr. H. G. Gordon Robert Hospital on 14th November 2013.

The NSS unit of Seng Khasi College in collaboration with District Blindness Control Society, Shillong organized a *free eye check-up camp* on 19th November 2013 at the college campus. Around 300 volunteers/faculty members availed the service.

The NSS Cell, NEHU in collaboration with the office of the Meghalaya Aids Control Society, Shillong organised a one day *State level Training of NSS/RRC Nodal Officers & Peer Educators* at Don Bosco Youth Centre, Shillong. Around 80 NSS volunteers along with Programme Officers from different colleges attended the programme.

Around 206 NSS volunteers attended a programme organized by Meghalaya Aids Control Society, Shillong on the occasion of *World Aids Day Celebration* at Soso Tham Auditorium on 30th November & 1st December, 2013.

The unit of Jaintia Eastern College organized a day long programme at the college campus in observance of International Volunteers Day on 5th December 2013. The programme included talks on the significance of "Volunteerism", essay & quiz competition followed by a cleaning drive in the college campus.

The unit of Jaintia Eastern College conducted an awareness programme on human rights violation and human rights as a career" on 10th December 2013 on the occasion of Human Rights Day. This was followed by a debate and extempore speech competition on violation of human rights.

10 volunteers of Nongstoin College attended a programme to mark the observance of Women's Day on 15th March at D.C's office, Nongstoin. The programme was conducted by the District Legal Services Authority in collaboration with the Meghalaya State Legal Services Authority on the theme "Equality for women is progress for all".

The unit of Jaintia Eastern College conducted an *awareness programme on HIV/AIDS* and other related issues for youths at the Presbyterian HS School, Khliehriat on 15th March 2014.

The unit of Williamnagar college conducted a *cleaning drive* on the theme Clean Water & Sanitation at Chisobibra a tourist spot near Simsang river on 25th March 2014. 85 volunteers comprising students and PO's undertook a cleaning of the entire area.

The unit of Shillong College organized an *adventure camp* on 15th March with a 10km trek from Nongtyngur (adopted village) to Byrdaw village. 57 volunteers actively participated in the programme.

4 volunteers of Nongstoin College attended a three day *adventure programme* at Cherrapunjee organized by the Directorate of Sports & Youth Affairs and Meghalaya Adventurers' Association from 15th – 17th April 2013.

70 NSS volunteers of Nongstoin College attended a two day *disaster management programme* at the college campus on 27th & 28th August 2013. Shri J. Mawthoh, ADPO, West Khasi Hills was the resource person on the occasion. The College Disaster Management Committee, FA/S&R team etc were also constituted following the programme. 10 volunteers were also selected to attend a three day training programme from 8th -10th Oct 2013 organised by the office of the Deputy Commissioner for the mega mock exercise on earthquake.

40 volunteers of Tura Govt. College, Tura and 20 volunteers of Shillong College participated at the Mega Mock Exercise on Earthquake organized by the district administration on 10th March 2014 at Tura and Shillong respectively.

Asset Creation:

NSS units have also constructed community assets through the labour of volunteers at the respective adopted villages during the course of the special camping programme:

The NSS unit of Shillong College constructed a village *foot path* (270 metres) at Nongmadan village and 3(three) drinking water ponds at Mawjongka village.

The NSS unit of Mawsynram Higher Secondary School constructed a *concrete (cement) Dust Bin* at the school campus .

The NSS unit of Women's College constructed a *Drinking Water Pond* at Mawkyrdep (adopted village) on 4th and 8th October 2013.

The NSS unit of St. Edmund's College constructed a *Composting Pit* at Mawkasiang village.

The NSS unit of St. Anthony's College constructed a *foot path* at Nongjri .

The unit of Women's College constructed a bus shed at Mawblang .

A mushroom shed was also constructed by the unit of Sankardev College at Shankhla village.

The unit of Jaintia Eastern College, Khliehriat, constructed a bus shed at Cham Cham village.

The unit of Sngap Syiem College constructed three community assets at Pawphlang village. These were washing place, public toilet and water harvesting.

Skills Development:

Training programmes on skill development were undertaken by five NSS units in areas such as mobile repairing, food preservation & food processing, mushroom cultivation, floriculture, bakery etc. 424 NSS volunteers and 60 local residents of the adopted village underwent the courses.

19. Teachers and Officers Newly Recruited:

No new recruitments were done during the year.

20. Teaching – Non – Teaching Staff Ratio:

Academic : Non-academic staff ratio 1 : 1.83 app.

21. Improvements of Infrastructure in Library:

(SHILLONG CAMPUS) IMPORTANT ACTIVITIES/STEPS ACCOMPLISHED TOWARDS IMPROVEMENT OF LIBRARY SERVICES

Members/ visitors/ scholars from other colleges/universities/institutions/government departments from the region and other parts of the country visited the library to consult the available resources.

The Documentation Officer was the Coordinator of the 4-month Certificate Course in Library & Information Science conducted by IASLIC, Kolkata in collaboration with NEHU Central Library from 28/10/2013 to 5/3/2014. The course targeted the lower cadre library staff working in NEHU and the affiliated colleges with the aim to improve their proficiency in providing better library services.

During the period from October 2013 to 31st March 2014, a total of 483 book titles comprising of valuable, rare and out of copyright Books of the Private and Kaula Collection available in the library were Digitized i.e. scanned, edited, processed and uploaded into the digital repository by the Digitization Lab, NEHU Central Library.

OTHER INFORMATION

(i) Library staff strength (Sanctioned Posts)

Librarian	=	1 (vacant)
Deputy Librarian	=	1
Assistant Librarian	=	4 (1 vacant)
Documentation Officer	=	1
Information Scientist	=	1
Other staff	=	42(9 vacant)
(Includes PA, SPA, JLA, Technical, secretarial)		

(ii) Revenue generated during the year by the Library

Reprography services		
Photocopying		: Rs. 48,782
Printing	: Rs. 1,643	Total above
	:Rs 50,425/-*	
Consultation fees		: Rs 8,300/-
Overdue fines(including Law Library)		: Rs 74,526/-

Total : Rs 1,33,251/-
(TURA CAMPUS)

Library Circulation Statistics:

Books Issued	=	13,163
Books Returned	=	12,490
Consulted	=	38,757
Internet Users (Average)	=	35 per day

Statistics of Technical and Library Automation Units:

Books Classified (2013-14)	=	1235
Bar-coded	=	19520 Vols.

(This includes both new books and retro-conversion)

Statistics of Reprographic Unit of Campus Library:

Total Number of Xerox Exposures = 32,438

4. Revenue Collected during the financial year 2013-14

Reprography Services = Rs. 16,078/-
 Overdue fines = Rs. 4,880/-
 Total = Rs. 20,958/-

22. New Books/Journals subscribed and their cost:

(SHILLONG CAMPUS)

PROGRESS DURING THE PERIOD

Library Budget

(Rs. in Lacs)

1.	Books	Non-Plan	10.00	10.72
		Plan	-	
		Hindi & General Books	0.72	
2.	Periodical	Sciences including Subscription to e-resources for School of Technology	80.00	111.88
		Humanities, Social Sciences etc.	19.28	
		Other Grant(Plan)	12.60	
3	Common Services & General Charges” and ‘Common Capital Charges’ : Digitization	Non-Plan	5.00	5.00
4.	Recurring Expenditures & Contingency - Other Charges	Non Plan	4.75	4.75
Grand Total				132.35

Library Collection : 2,74,751 Vols.

Data Bank (Government Publications, Reports & Ref. Books):11,434 Vols.

Books added during the Year : 1,122 Vols.

School-wise Break-Up

Social Sciences	Eco., Mngs. & Lib. Sc	Huma n & Env. Studie s	Humaniti es	Educatio n	Physica l Science s	Life Scien ces	Technolo gy	Others (Thesi s)	Total
230	78	12	175	111	59	35	150	272	1122

(IV) Periodical Subscription (Print)

(i) Foreign Journals:	129
(ii) Indian Journals:	130
Total	: 259

LIBRARY USER'S ENROLLMENT INCLUDING USAGE OF e-RESOURCES AND OTHER ONLINE SERVICES

(I) Enrollment during the year		
(i) Under Graduate Students	:	1147
(ii) Post Graduate Students	:	1978
(iii) Research Scholars/MPhil	:	164
(iv) University Teachers	:	23
(v) Non-Teaching Staff	:	10
(vi) Technical Staff	:	06
(vii) Visiting Lecturer/Professors	:	01
(viii) Others (Including College Teachers)	:	06

Total No. of Registered Members :3335

(II) Daily Average No. of Books issued/return/renewal (including Law Dept.): 10,863

(III) Daily Average No. of users who availed consultation services :
7

(IV) Usage of Journals, Back Volumes & Theses:
Students, Research Scholars & Others: 1782 per month

(IV) Average internet users : 732 per month

(V) Photocopying services : 48,782 copies*

(VI) Printing Services : 1643 copies*

(VIII) NEHU usage of UGC INFONET Digital Library : 40,000 articles
Consortium e-journals depicted by total
Articles downloaded during the period

(TURA CAMPUS)

Allocation of Books and Periodicals during 2013-2014 (Non-Plan)

(i) Book Grant	= Rs. 3.00 Lakhs
(ii) Periodicals Subscription	= Rs. 6.00 Lakhs
(iii) Library Stationary & others	= Rs. 1.00 Lakhs
<hr/>	
Total	= Rs. 10.00 lakhs

Collection Development:

Total Book Collection upto 31.03.2014= 23,315 Vols.

Purchased = 22,550
Gifted = 765

Books Added During the Year (2013- 2014)= 1235 Vols.

Purchased = 1197
Gifted = 38

No. of Journals Subscribed:= 140

Indian Journals = 112
Foreign Journals = 18

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

All Departments submitted students' feedback forms to the Controller of Examinations. The same are being analysed and appropriate action shall be taken.

24. Unit cost of education:

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

Tabulation of examination results has been fully computerized. The University Management Software has been purchased and is being implemented in stages. Currently, the Finance Section is conducting most of its activities under this system.

26. Increase in the Infrastructural facilities:

Infrastructure Facilities:

The following sophisticated analytical instruments are available for analytical services:

Scanning Electron Microscope (JEOL JSM 6360)
EDAX (Attached with SEM, Oxford INCA 350)
Transmission Electron Microscope (JEOL JEM 2100)
FT-NMR 400 MHz (BRUKER AVANCE II-400)
LC-MS Spectrometer (Waters ZQ-4000)
Graphite Furnace (Analytik Jena AG Vario 6)
Liquid Nitrogen Plant (Philips PLN 106)
Microscope with Image Analyser (LEICA DMRX)

A Seminar room (capacity: 50 seats) and a Conference room (capacity: 14 seats)

The Transmission Electron Microscope (JEOL JSM 100CX), Atomic Absorption Spectrometer (Perkin Elmer PE 3110) and CHN-OS Analyser (Perkin Elmer PE 2400), being very old are no longer functional.

27. Technology up gradation:

The NEHU Data and Voice Network (NDVN) Facility, commissioned in 2003 as VSAT Facility, continues to provide data (Internet) and voice (telephony) access to all academic and administrative departments.

New Implementations for 2013-2014.

The rooms and buildings of the new departments belonging to the School of Technology have been provided both voice and data connections.

An additional Media Gateway 450 for telephone access to new P-Type Quarter has been installed. This provides telephone connections to Type IV and Type III quarters.

Existing Components providing continual services

Data Network

The National Knowledge Network (NKN) of 1 Gbps link commissioned on 19th May 2010 provides Internet access and other related applications (Internet, IP authenticated e-journals from UGC-Infonet E-journal consortium, mail and web etc.) to all Academic and Administrative departments.

Data Network is available to all Departments, Centres and Administrative building with a capacity of over 3000 connections.

NEHU Mail Server with nehu.ac.in domain, provides email facility to all faculty and officers of NEHU. The Mail Server is also functioning as an authentication server for WI-FI with LDAP service.

All servers and applications which include DNS, DHCP Web Servers, Mail Servers, Proxy Servers, Gateway filtering for Viruses and Spams, Network Monitoring software and DHCP, run on HP Blade Chassis C7000 with 9 active Blade Servers. The other older Tower servers (IBM) are being utilized for voice IP-PBX management and backup.

The Extreme Summit Black Diamond 8806 core switch provides connectivity, routing, vlans access to and from all layers 2 (L2) switches in all departments.

All Departments are connected to the core switch with the Extreme Summit X150-24t & Extreme Summit X150-48t L2 switches with gigabit uplinks.

Data/Internet connections to most departments having computer laboratory facilities is available with 30 numbers of 48 port L2 HP Procurve Switches.

A Firewall with Unified Threat Management, Cyberoam1000i provides gateway protection with Antivirus, Antispyware and AntiSpam subscriptions.

The Intranet and Internet access of the Digital Repository under the Library Digitalization Project of UPE is being provided through the network infrastructure of NDVN.

The e-governance project with the University Management Software (UMS) runs on the Intranet network infrastructure of NDVN.

Limited WI-FI access is provided to each department of the University including Multi-Use Convention Centre and Guest House.

Voice Network

Voice Network is extended to all Departments, Centres, Administrative building and most residences quarters with a capacity of over 1500 telephone extensions.

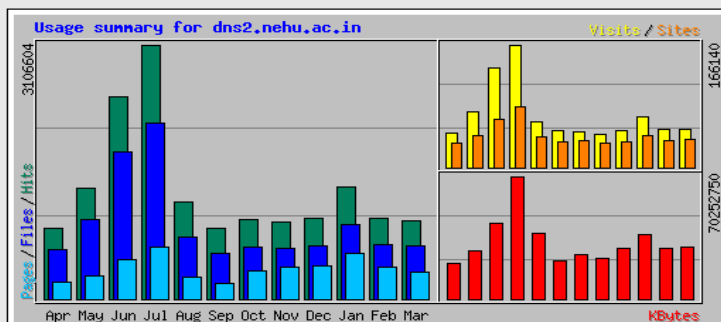
The Avaya S8730 server with G650 Media-gateways located in NDVN, Administrative Building and Political Science Dept. along with G450 Media-gateways located in the School of Technology and Old Guest House provides TDM backbone and IP enable switch architecture for the voice/telephony network. All the Media-gateways are connected to the server over IP and registered to the Server-over-IP-Back-Bone.

The 2 Mbps PRI and 2 Mbps Level-DID leased lines from BSNL integrated with the IP -PBX Server provides incoming and outgoing telephone calls facilities to/from the network

Website Data.

Usage Statistics for dns2.nehu.ac.in

Summary Period: Last 12 Months
Generated 31-Mar-2014 04:12 IST



Summary by Month										
Month	Daily Avg					Monthly Totals				
	Hits	Files	Pages	Visits	Sites	KBytes	Visits	Pages	Files	Hits
Mar 2014	30747	21205	10441	1684	38639	29610474	52229	323690	657384	953175
Feb 2014	35037	23666	13781	1849	36071	29075365	51778	385876	662672	981042
Jan 2014	44000	29389	18191	2209	42615	36719254	68486	563927	911089	1364023
Dec 2013	31832	20941	12902	1597	34270	29207253	49536	399988	649189	986796
Nov 2013	31131	20474	13211	1505	33427	23326367	45164	396347	614234	933934
Oct 2013	31405	20697	11138	1542	35836	25365168	47804	345279	641626	973577
Sep 2013	29052	18553	6502	1647	34864	21564500	49418	195064	556605	871571
Aug 2013	38178	24601	8859	1985	41109	37852220	61561	274644	762647	1183544
Jul 2013	100213	69565	20566	5359	82888	70252750	166140	637572	2156530	3106604
Jun 2013	82342	59926	15983	4468	64969	43282447	134048	479506	1797788	2470289
May 2013	43849	31475	9048	2407	42870	27676458	74618	280496	975742	1359327
Apr 2013	28912	20137	7114	1567	33613	20184801	47019	213440	604131	867367
Totals						394117057	847801	4495829	10989637	16051249

28. Computer and internet access and training to Teachers, Non- Teaching Staff and Students:

Computer/ Internet access is available to all students and scholars. Computer Centre and Central Library conduct orientation/ training programmes for students and non-teaching staff from time to time.

29. Financial aid to students:

Scholarships/Aid Fund

During 2013-14, 86 P.G. Students (including ST/SC) were awarded NEHU Post-graduate Merit Scholarships @Rs. 4200 /- per student per year. 88 students (including ST/SC) were selected for the Students Aid Fund @Rs. 3000/- per student for Post-graduate, and @Rs. 4000/- per student for Under-graduate.

Fellowships to the M. Phil/Ph. D Students

During 2013-14, of the 504 (429 Ph.D. and 75 M. Phil) Research Scholars selected/ provisionally selected for award of the UGC Non-NET fellowship., 22 Ph.D. scholars resigned essentially to avail of a better fellowship, thus bringing the number of awardees to 482. Each Ph.D. scholar was awarded Rs. 8000/- per month, while Rs. 5000/- per month was awarded to M. Phil scholars,

along with Contingency for Ph.D. scholars @ 10,000/- p.a. for Sciences & Rs. 8000/- p.a. for Humanities & Social Sciences.

30. Support from the Alumni Association and its activities:

The Alumni Association of the University has been formed. The details have been put up on the University website. Its annual meeting was held during the year.

31. Support from Parents-Teachers Association and its activities:

There is no formal parent teacher association in place. However, parents and teachers interact on case by case basis.

32. Health services:

The following facilities are available at the Health Centre:

- 1) *Consultation*: The Medical Officers are available for consultation at fixed hours as well as for emergency consultation outside duty hours.
- 2) *Pharmacy*: The required medicines are purchased from the wholesale suppliers and stocked at the medical store. These medicines are issued to the patients based on the prescription by the Doctors.
- 3) *Dressing Room*: Dressings, injections and minor surgical procedures are carried out in the dressing room.
- 4) *Laboratory*: Bio-Chemical and Clinical Pathology tests for blood and urine analysis are performed in the Laboratory of the Health Centre.
- 5) *Observation Room*: In the observation room, moderately sick patients have been taken care of for giving IV drips etc.
- 6) *In-Patient Treatment*: Patients requiring in-patient treatment are referred to the hospitals/Specialist within Shillong and thereafter outside Shillong depending upon the necessity.
- 7) *Ambulance*: Ambulance service is provided during emergency for transporting the severely sick patients from residents to Clinic/Hospitals.
- 8) *Emergency Duty*: The Resident Medical Officers and Resident Nurses are doing emergency duty outside duty hours whenever needed.
- 9) *Credit Billing Facility*: We have credit billing facility available for patients admitted in Nazareth and KJP Hospitals in Shillong and CMC Hospital at Vellore.
- 10) *Sports Aid*: First Aid service is provided at sport tournaments organized by the University.

33. Performances in sports activities:

The Department of Sports strives to encourage students' participation in the sports, games and physical activities in order to promote sports and to tap the hidden talent of the students by giving them an opportunity in their all round development. The Department had organized Inter College Tournament in various disciplines for the session 2013-14, where several affiliated colleges and NEHU P.G. Team participated.

The Sports Department, North Eastern Hill University also organized the First Jowai Zone Inter College Tournament for Badminton (Men & Women), Table Tennis (Men & Women) and Chess (Combined) from 16th August to 21st August-2013. The inaugural function of the tournament was held at Khimusniang Indoor Stadium, Jowai where Prof. P. Shukla, the Vice

Chancellor, of the North-Eastern Hill University, graced the occasion as the chief guest and Shri P.S. Dkhar, IAS, Deputy Commissioner of West Jaintia Hills District as the Guest of Honour. A total of four colleges comprising of 58 numbers of players participated in the Jowai Zone Tournament.

The Sports Department also organized the Shillong Zone Inter College Tournament for Badminton (Men & Women), Table Tennis (Men & Women) and Chess (Combined) from 21st August to 23rd August-2013. The Shillong Zone tournament began with an inaugural function at the Indoor Stadium, NEHU, and Prof. B. Myrboh, Pro. Vice Chancellor, NEHU, Shillong graced the occasion as the Chief Guest. A total of 12 colleges comprising of 202 numbers of players participated in the Shillong Zone Tournament.

On 30th August 2013 the Department organized the Inter Zonal Tournament for Badminton (Men & Women), Table Tennis (Men) and Chess (Combined). A total of seven colleges comprising of 70 numbers of players participated in this Inter Zonal Tournament. The tournament ended with a closing ceremony where Prof. R.N. Sharan, Dean of Student's Welfare, NEHU, Shillong graced the occasion as the chief guest.

The Sports Department in collaboration with the NEHU Students Union organized the NEHU Open Marathon on 6th September-2013 within the NEHU Campus and around 170 participants took part in the Marathon. Apart from the students, the teachers and non-teaching Staffs also took part. The Vice Chancellor, Prof. P. Shukla, the Pro-Vice Chancellor Prof. B. Myrboh, The Dean of Student's Welfare Prof. R.N. Sharan along with the other Professors, not only took part in the event but also completed the Marathon in high spirit. Prizes and certificates were also given.

Further the Sports Department also organized the Inter College Basketball (Men & Women) Tournament from 7th October to 11th October 2013 at J.N.Sports Complex, Polo, Shillong. A total of 24 colleges both in the men and women section participated in the above said tournament. Dr. S.N.Lamare, Teacher In-charge, Sports Department, NEHU was the Chief Guest in the Closing Ceremony. St. Anthony's College of Shillong lifted the Championship trophy in the mens' section while St. Mary's College of Shillong lifted the Championship trophy in the womens' section.

The Sports Department also organized the Inter College Football (Men) Tournament from 15th October to 30th October 2013 at J.N.Sports Complex, Polo, Shillong. The Tournament began with an Opening Ceremony where Dr. S.N.Lamare, Teacher In-charge, Sports Department, NEHU was the Chief Guest. The Tournament ended with a Closing Ceremony where Prof. B. Myrboh, Pro-Vice Chancellor, NEHU was the Chief Guest and gave away the trophies to the winner and runners up. Shillong College was the champion in the tournament.

From 4th to 11th November 2013 the Department organized the Inter College Cricket (Men) Tournament at Shillong Cricket Association Ground, Polo, Shillong. St. Edmund's College, Shillong lifted the championship trophy. The tournament ended with a closing ceremony where Dr. L. Cajee, Controller of Examination, NEHU, Shillong graced the occasion as the chief guest and gave away the trophies to the winner and runners up.

Further the Sports Department has given full support to the North Eastern Hill University Students' Union in the Varsity Fest 2014 by providing all the logistics support including referees & umpires.

34. Incentives to outstanding sportspersons:

University condones of attendance requirement for outstanding sportspersons.

35. Students Achievements and Awards:

Degrees Awarded:

M.Com – 26

M.A. – 39+32+28+48+31+41+18+48 = 285

M.A. (Folkloristics) - 24

M.Sc. – 22+22+20+23+30+20+24+13+32+9 =215

M.Sc (Botany) - 21

M.Sc (PMB) - 06

M.A./ M. Sc. – 39+28+38 = 105

MLISc. – 26

MBA - 33

MPhil – 04+07 = 11

B.Ed.-SEDE – 45

B.A.LL.B.(H)– 32

B.Tech – 50+40 = 90

Foundation Course on Special Education of Children with Disabilities (FC-SEDE) 1st Batch – 144

P.G. – 29

PG Diploma in Geoinformatics– 20

P.G. Diploma(Painting) - 7

P.G. Diploma(Music) - 10

Ph.D. – 1+ 3+2+4+1+1+1+1+11+3+1+13+10+11+7+2+4+4+13+8+4+7+3+2+4 = 121

Sl.No.	Name of the Student	Title of Thesis	Name(s) of Supervisor(s)/ Joint Supervisor
	Purna Prasad Sharma	“Subsidised Micro-Finance and Financial Performance of SHGs: A Study of Meghalaya	Dr. A. P Pati
	Mr. Biswanath Khilar	Economics and Quality of School Education in Sikkim.	Prof.S.K.Mishra(Supervisor)
	Mrs.Ibandalin Wanswett	Rural Non-Farm Employment in North East India: A Case Study of Meghalaya.	Dr.B.Panda(Supervisor)
	Mr. ImlisunepChangery	Economics of Urban Informal Sector in Nagaland: A Case Study of Dimapur city.	Dr.Panda(Supervisor)
	Mrs. Rupali Goswami	“ Information System for Credit Deployment in Indian Commercial Banks : A Case Study”	Prof. Moses .M. Naga Prof. N.M. Panda.
	Mr. Mangkhollen Singson	“Pricing Models and Usage of E-Journal in a consortia Environment : A Study of	Dr. P. Hangsing.

		UGC Infonet”	
	Hedayatullah Choudhury	Management of Non-Performing Assets of Scheduled Commercial Banks: A Study in Barak Valley of Assam	Prof. J. U. Ahmed
	Govinda Prasad Bhandari	Performance of Regional Rural Banks: An Evaluative Study of Meghalaya Rural Bank	Prof. J. U. Ahmed
	Sunil Kumar Newar	Evaluation of Entrepreneurship Development Process: A Case Study of Garo Hills in Meghalaya	Prof. G. Singaiah
	Rohima Ahmed	Correlates of Information Technology, Business Process Re-engineering and Organisational Culture: An Empirical Study in Indian Context	Prof. J. U. Ahmed
	Sarita Pradhan	The Subaltern Speaks: A Study of Three Contemporary Women Poets of the Indian Subcontinent	Prof. U.G. Sewa
	Twinkle R. Marak	The Rooted Past and Fragmented Present: A Study of Chinua Achebe’s African Trilogy	Prof. Sujata Gurudev
	Vishwajeet Kumar Mishra	“Maitreyi Pushpa ke Katha Sahitya mein Parampra aur Aadhunika ka Dwandwa.”	Prof. M. P. Pandey
	Mr.Thomlin Lynshing	“Echoes From Past: A Critical Study Of Ka Phawar As A Literary Form”	Prof. B.War
	Barika Khyriem	A Comparative Study of some Regional Dialects of Khasi Language: A Lexical and Phonological Study.	Prof. Juanita War
	Wandashisha Lyngdoh	Shillong as a Micro-linguistic Area: A Study of Morphological and Morpho-syntactic features	Prof. Juanita War
	Christina Kharlukhi	The Morphological Typology of Tibeto-Burman Languages with reference to Mara, Biate, Monsang and Hallam	Prof. Juanita War
	Rupak Rabha	Language Maintenance and Language Shift among the Rabhas of Meghalaya.	Prof. Juanita War
	Chelmelyne Dhar	A Phonological and Lexical Study of Lamin and Shella Varieties of Khasi: A Comparative Study	Prof. Juanita War
	Badakerlin Lyngdoh	Some Aspects of Maram Dialect of West Khasi Hills	Prof. Juanita War
	Imlienla Imchen	The Phonology and Morphology of Sangtam	Prof. Juanita War
	T.Sochemla Chang	Chang Morphology	Prof.S.K.Singh
	Khawlsonkim Suantak	Vaiphei Phonetics,Phonology and Morphology: A Descriptive Study	Prof.S.K.Singh

C.Lalremzami	Lai Phonetics,Phonology and Morphology:A Descriptive Study	Prof.S.K.Singh
Atonu Kakoty	The Impact of Language Learning Strategies Instruction on Assamese ESL Learners	Dr Umarani Pappuswamy
Mr. O. L. Longkumer	‘Intelligibility of Religious Language and Beliefs with Special Reference to Wittgenstein’	Dr. L. N. Lenka
Mr. N. Ramthing	‘A Kantian Approach to Ethics of Business Corporation’	Prof. Jagat Pal
Ms.WabangnaroImchen	‘SorenKierleegard’s Ideological Notion of Morality: A Critical Appraisal’	Dr. E. R. Tongper
Smt. Rituparna Rajendra	Non-Formal Educational Strategies to Improve the Occupational Health and Literacy of the Coal Mine Workers of Assam	Dr. B. P. Sahu
Ms. Iarapleng Dkhar	Education of Girls in Jaintia Hills District of Meghalaya	Prof. A. Henia
Ms. Supriya Barsaikia	A Study of Human Rights Privileges Available to Differently Abled Learners in Assam	Prof. A. Henia
Ms. Praqatti Lama	Parent-Child Relationship between Khasi and Nepali School Going Students of East and West Khasi Hills	Prof. S.M.Sungoh
Mr. Jacob Myrten	A Study of Scientific Attitude and General Intelligence in Relation to the Level of Academic Achievement in Science among Higher Secondary Students in East Khasi Hills District, Meghalaya	Prof. S.M. Sungoh
Ms. Angeleen Lyngdoh	A Study of Social Intelligence in Relation to Teaching Aptitude of Student Teachers in the State of Meghalaya	Prof. S.M. Sungoh
Ms. Deisa Cara Laloo	A Study of Personality Patterns and Educational Aspirations of Secondary School Students in East Khasi Hills District, Meghalaya	Prof. S.M. Sungoh
Mr.Synsharlang Nongkhlaw	Evaluation of Higher Secondary Examination System in Meghalaya : An Analysis	Prof. C. Nongbri
Mr. Ivanteilang War	A Study of Multigrade Teaching in Primary Schools in Jaintia Hills District of Meghalaya	Prof. S.M. Sungoh
Ms. Yondalin Nongkynrih	Status and Problems of elementary Education in Ri-Bhoi and West Khasi Hills Districts of Meghalaya	Prof. A. Henia

Mr. S. Nixon Ringmiso	Status and Problems of Primary Education in Ukhrul and Tamenglong Districts of Manipur	Prof. A. Henia
Ms. Vanlalhlani Ralte	A Study of Environmental Education Textbooks and Environmental Awareness amongst High School Students in Lunglei District of Mizoram	Dr. B.B.K. Rymbai
Ms. Dinesh Kumari	Effect of Scientific Attitude and Scientific Aptitude on the Academic Achievement in Science Subject of Class X Students in East Khasi Hills District of Meghalaya”	Prof. P.K.Gupta
Md. Delowar Hussain	An Evaluative Study on the Implementation of Sarva Shiksha Abhiyan in Barpeta District of Assam”	Dr. B.B.K. Rymbai
Ms. Naromongla Jamir	Participation of Naga Women in Electoral Politics: A Case Study of Kohima Town	Dr. Lucy Zehol
Mr. C. Lalrammuana	Dental Anthropology of the Mizo of Aizawl Town, Mizoram	Dr. D.K. Limbu
Mr. Letminthang Khongsai	Biosocial Determinants of Fertility and Child Mortality among the Khongsai Kukis of Manipur	Dr. D.K. Limbu
Ms. Charisma K. Lepcha	Religion, Culture and Identity: A Comparative Study on the Lepchas of Dzongu, Kalimpong and Ilam	Prof. T.B. Subba
Mr. Barnes L. Mawrie	From Maternal Uncle to Father: An Anthropological Study on Changing Patriarchy in Khasi Society	Prof. T.B. Subba
Mr. Happystone Syngkon	Status and Determinants of Child Mortality among the Pnars of Jaintia Hills District, Meghalaya	Dr. D.K. Limbu
Shi Kumar Prasad	Biochemical Responses and Ultrastructural Changes under Environmental Stress in Some Hill Stream fishes of Meghalaya	Prof. O. P. Singh
P. Nylla Rymbai	Geomorphological, Biophysical and Socio-economic Attributes of Umbaniam Micro Watershed	Prof L.K. Jha
Jimcarbrist P. Marak	Assessment of Provenance Variance of Pinus kesiya Royle ex Gord in Meghalaya	Prof. L.K. Jha
Niranjana Kumar	Assessment of Radiation Level in the Edible Biota due to Naturally Occurring ^{40}K , ^{238}U and ^{232}Th Radionuclides in Domiasiat area of Meghalaya	Dr. S. S. Chaturvedi

Anamika Upadhaya	Biodiversity and Nutritive Value of Semi-wild and Wild Citrus species of Meghalaya	Dr. S. S. Chaturvedi B. K. Tiwari (Joint Supervisor)
Donboklang Marbaniang	Heavy Metal Removal Potential of some Aquatic Macrophytes of Khasi Hills districts of Meghalaya	Dr. S. S. Chaturvedi
Beula Sharon Challam	Effect of Dairy Effluent on Growth, Nutrient uptake and yield of Rapeseed (<i>Brassica Campestris</i> L.) and Maize (<i>Zea mays</i> L.)	Dr. S. S. Chaturvedi
Sudipta Dey	Nutritive Values of Wild Edible Insects of Meghalaya	Prof. D. Paul
Athoibi Nongmaithem	Study on Biodiversity of Soil Arthropods in Forests and Agroecosystems of Meghalaya	Prof. D. Paul and Prof L. K. Jha
Arvind Kumar	Hydrogeochemical Study of Hot and Saline springs of North East India	Prof. D. Walia
Marvellous B. Lynser	Forest products of Raid Saw Symper, Meghalaya and their Contribution to the Livelihood of the People	Prof. B.K. Tiwari
Mr. Gajen Bhuyan	“Floods and its Socio-Economic Consequences in the Lower Reaches of Dikrong River”	Prof. H.J. Syiemlieh
Ms. Zona Bhuyan	“Women in Urban Informal Sector: A Study in Women’s Participation and Empowerment in the City of Guwahati”	Prof. A.C. Mohapatra/ Prof. B.P. Panda (Jt. Supervisor)
Ms. Madhuparna Bhattacharjee Sharma	“Quality of Life and Livelihood Pattern in Lower Subansiri District: A Geographical Study”	Prof. A.C. Mohapatra
Ms. Bathsheba G. Pynrope	“Identification and Assessment of Potentials of Ecotourism Sites in Khasi and Jaintia Hills, Meghalaya”	Dr. L. Cajee
Ms. Banida Shisha Kharkongor	“Road Network and Socio-Economic Development in Ri-Bhoi District, Meghalaya”	Prof. S. Singh
Ms. Markynti Swer	“Ageing of Population of North Eastern Region of India with special reference to the state of Meghalaya”	Prof. D. K. Nayak
Mr. R. Vanlalvena	“Cropping Pattern and Agricultural Productivity in Lunglei District of Mizoram”	Prof. B.S. Mipun
Mr. Biswajit Paul	“Physico-Chemical and Microbial Quality of Milk and Milk Products in Garo Hills, Meghalaya”	Dr. B. K. Mishra
Ms. Ajanta Deb Kar	“Diversification of Agriculture in West Garo Hills District, Meghalaya”	Dr. Binu Mathew (Supervisor)

			Prof. Eugene D. Thomas (Jt. Supervisor)
Mrs. Natasha A. Nongrum	Impact of Commonly Used Herbicides and Pesticides on Nitrogen Metabolism of Free-Living Cyanobacterial Isolates from Rice Fields of Meghalaya		Prof. M. B. Syiem
Mr. Akoijam Chingkeihunba	Diversity and Molecular Typing of Filamentous Cyanobacteria Isolated from Various Habitats and their Biotechnological Implications		Prof. A. K. Singh
Mr. Kitlangki Suchiang	Dietary and Hormonal Modulation of Acetylcholinesterase in Mice as a Function of Age		Prof. R. Sharma
Mr. Gopesh Paul	A Study on Strontium Accumulation and its Effect on Metabolism in Cyanobacteria		Prof. A. K. Singh
Abhishek Das	Studies on Anti-tumor and Radio-protective Potentials of <i>Dioscorea alata</i> L. and <i>Clerodendron colebrookianum</i> Walp. in Mammalian Cell Systems		Prof. A. Chatterjee
Nitin Ghoshal	Role of Glutathione in Sensitivity towards Radiation in Mammalian and Insect Cells		Prof. A. Chatterjee
Purabi Saikia	Microbiological Study of the Retail Chicken Meat of Meghalaya		Dr. S. R. Joshi
Barnali Sarma	Characterization and Diversity Analysis of Metal Tolerant Pseudomonads from Uranium Rich Area of Meghalaya		Dr. S. R. Joshi
Ms. Subarna Hajong	Biochemical studies and effects of photon flux densities on in vitro establishment of mycorrhizal association in <i>Dendrobium chrysanthum</i> Wall in Lindl.		Prof. S. Kumaria (Supervisor) Prof. P. Tandon (Joint Supervisor).
Mr. Neli Lokho Pfoze	Ethnobotanical studies and phytochemical analysis of selected medicinal plants of Senapati District, Manipur		Dr. Y. Kumar (Supervisor) Prof. B. Myrboh (Joint Supervisor)
Mr. Viki Manners	DNA fingerprinting and in vitro propagation of <i>Vandacoerulea</i> Griff Ex. Lindl.		Prof. S. Kumaria (Supervisor) Prof. P. Tandon (Joint Supervisor)
Ms. Jasmine Thesees Sawain	Impact of domestic discharge on the water quality of River Umkhras in Shillong, Meghalaya and bioaccumulation of pollutants in plants		Prof. R. C Laloo
Mr. Mechuselie Kehie	Biotechnological enhancement of		Prof. P. Tandon (Supervisor)

		capsaicin biosynthesis in cell cultures of <i>Capsicum chinense</i> Jacq	Prof. S. Kumaria (Joint Supervisor)
Mr. Kitboklang Nongrum		Effect of provenance variation on seed characteristics, germination and seedling growth of tree bean (<i>Parkia roxburghii</i> G. Don)	Prof. U. Shankar (Supervisor) Dr. B.P. Bhatt (Joint Supervisor)
Ms. Febreena Grace Lyndem		Effect of coal stock drainage on the soil and ecophysiology of paddy and potato crops in Jaintia Hills, Meghalaya	Prof. R. C. Laloo
Ms. Mautushi Das		Effect of coal mining on the periphytonic and benthic algal communities in the streams of Jaintia Hills, Meghalaya	Dr. P. Ramanujam
Ms. Hygina Siangbood		Studies on diversity, productivity and nutrient content in algal communities of Umiew river, Meghalaya	Dr. P. Ramanujam
Ms. Mildona Swer		Population structure and regeneration of Himalayan yew (<i>Taxus wallichiana</i> Zucc.) in subtropical forests of Meghalaya	Prof. U. Shankar (Supervisor) Dr. B.P. Bhatt (Joint Supervisor)
Ms. Ruth Laldinthar		Role of earthworms on soil microbial diversity and leaf litter decomposition in soils from selected forests stands of Meghalaya	Prof. M. S. Dkhar (Supervisor) Prof. H. Kayang (Joint Supervisor)
Ms. Ayam Gangarani Devi		Molecular profiling of selected accessions of rice (<i>Oryza sativa</i> L.) varying in starch quality from North-East India	Prof. N. K. Chrungoo
Mr. Amit Kumar Tripathi		Quantitative assessment of floristic diversity and species populations in hill forests of Meghalaya	Prof. U. Shankar
Mr. SudeepGhatani		Status of amphistomiasis and molecular taxonomy of gastrothylacid parasites (Platyhelminthes: Trematoda: Gastrothylacidae) in mammalian livestock in Northeast India.	Prof. V. Tandon
Ms. SunilaThapa		Studies on helminth parasite spectrum of edible freshwater fishes and fish-borne zoonoses in Meghalaya, Northeast India.	Prof. V. Tandon
Mr. Donald B. Jyrwa		Studies on helminthoses and molecular taxonomy of caryophyllideancestodes in freshwater fishes in Meghalaya.	Prof. V. Tandon
Mr. Th. N. Singh		Studies on growth, sexual maturation and induced breeding of endangered chocolate mahseer, <i>Neolissocheilus hexagonolepis</i> (McClelland).	Prof. B. B. P. Gupta.

Mr. A.K. Verma	Studies on the antitumor efficacy and toxicity of the blister beetle Mylabrischioriiextract in mice bearing ascites Dalton's lymphoma.	Prof. S.B. Prasad
Ms. Gitalee Bhuyan	Studies on tissue specific expression and induction of multiple glutamine synthetase genes under hyper-ammonia stress and ammonia-induced nitrotyrosination of glutamine synthetase in catfish, <i>Heteropneustes fossilis</i> .	Prof. N. Saha
Mr. Manas Das	Effect of osmotic stress on gluconeogenesis and mitogen activated protein kinases in the air-breathing catfish, <i>Heteropneustes fossilis</i> .	Prof. N. Saha
Ms. Maisnam Manorama Devi	Studies on distribution and biology of an ornamental fish <i>Puntius shalynius</i> Yazdani and Talukdar in Meghalaya	Prof. S. N. Ramanujam.
Ms. Ramita Sougrakpam	Photoperiodic regulation of seasonality in reproduction in the yellow-breasted bunting, <i>Emberiza aureola</i> (Pallas).	Prof. A. S. Dixit
Mrs. Natasha A. Nongrum	Impact of Commonly Used Herbicides and Pesticides on Nitrogen Metabolism of Free-Living Cyanobacterial Isolates from Rice Fields of Meghalaya	Prof. M. B. Syiem
Mr. Akoijam Chingkeihunba	Diversity and Molecular Typing of Filamentous Cyanobacteria Isolated from Various Habitats and their Biotechnological Implications	Prof. A. K. Singh
Mr. Kitlangki Suchiang	Dietary and Hormonal Modulation of Acetylcholinesterase in Mice as a Function of Age	Prof. R. Sharma
Mr. Gopesh Paul	A Study on Strontium Accumulation and its Effect on Metabolism in Cyanobacteria	Prof. A. K. Singh
Ms. Shokip Tumtin	Synthetic Studies on Oxazine and Pyrazine Derivatives and their Related Heterocycles"	Prof. B. Myrboh (Supervisor) Dr. R.L. Nongkhlaw (Joint Supervisor)
Mr. Kiew Shaphrang Kharnaioir	Quantum Chemical Studies on the Structure, Stability and Rearrangements of Various $C_nH_n^+$ Carbocations (n=4 to 7)	Prof. R.H.D. Lyngdoh
Ms. Sairem Gloria	Syntheses and Spectral Analyses of Some Platinum Group Metal Complexes with Multidentate Nitrogen Donor Ligands	Prof. K.M. Rao
Mr. Henry N. Pangamte	Quantum Chemical Investigations on	Prof. R.H.D. Lyngdoh

		Arynes: Quinolynes and Isoquinolynes”	
	Mr. Pranjali Protim Bora	Studies on Development of New Strategies for Stereoselective Synthesis and Derivatization of Bioactive Natural Products	Prof. G. Bez
	Mr. Mithu Saha	Synthesis of Novel Heterocycles by the Application of Knoevenagel Condensation, Michael Addition and Nanoparticles Catalyzed Reactions	Dr. Amarta Kumar Pal
	Ms. Atoholi Sema	Synthesis of Novel Chiral Catalysts Derived from Amino Acids and their Applications in Organic Reactions	Prof. G. Bez
	Bineeta Nath	Shock Waves in Conducting and Non-conducting Non-ideal Gases	Prof. K.K. Singh
	Kh. Herachandra Singh	Some Problems in Rings and Modules: A Study of Reduced Module, Zero-insertive Modules, Symmetric Module, and Other Related Classes of Rings and Modules	Dr. A.M. Buhphang
	N. Jiban Singh	Some Problems in Low-dimensional Topology Related to Mapping Class Groups	Prof. H.K. Mukerjee
	Mr. Ashok Kumar Jha	A Study of Elastic Scattering and Electron Capture Processes in Collisions of $^3\text{He}^{2+}$ Ion with CO Molecule below 5 KeV	Dr. Atul Saxena
	Ms. Wandahun Longtra Reenbohn	Study of Particle Motion in Under Damped Periodic Systems	Prof. M. C. Mahato
	Dakarupaya Olivia N. Rymbai	Changing Dimensions of Indo-US Relations (2000-2008)	Dr. B. K. Mohapatra
	Rukchana Rahman	Youth Activism and Democratic Politics: A Study of the Assam Movement (1979-85)	Prof. A. K. Baruah
	Robert Tuolor	Working of the North Cachar Hills Autonomous Council of Assam: 1995-2008	Dr. R. K. Satpathy
	Pankaj Jyoti Gogoi	Role of the State in Human Security: A Study of Health Security in the Lakhimpur District of Assam	Dr. M. Majumdar

Studentship/Traineeship trained at Bioinformatics Centre, NEHU

Sl. No.	Name	Affiliation	Title & details of the project work undertaken
1.	Karna Singh Yadav	Dibrugarh	Systematic Evolution of rDNA

	University	Complex in Platyhelminthes
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Additional Students' Activities

In order that the term of the NEHUSU and of the Academic Calendar coincide, Elections to the Union Executive Committee were held on 7th November, 2013, and the new office-bearers took charge soon thereafter. The DSW office supported the Annual Event of NEHUSU to showcase talents of students of the university. The Varsity Week was held from 27 March 2014 to 16 April, 2014. Other events organized by the NEHUSU were the Parting Social, Freshers' Social and Advance Christmas Service. This office has also recently taken up a "Self-Defence Training" Programme for women students of the University.

36. Activities of the Guidance and Counseling Cell:

The Cell carried out the following activities during the year (2013-14) under report.

Professional Assistance for Development Action (PRADAN) an NGO from New Delhi conducted recruitment drive where 2 students got placement as Development Apprentice.

Dabur India Ltd conducted placement drive on 16th and 17th July 2013. Altogether 16 students from MBA having Marketing specialisation participated. Two (2) students got placed as Sales Trainee.

A campus recruitment drive was held by Vodafone India Ltd on 26th and 27th March 2014 where students from Nagaland University and Mizoram University also participated. Out of 14 students of MBA, NEHU Tura Campus, 2(two) students got placement offers.

A campus placement drive was initiated by HIDESIGN, a Puducherry based MNC. Altogether 6 (six) students of 4th semester MBA, NEHU Tura Campus were shortlisted for final placement offer as Management Trainees.

37. Placement service provided to students:

Department of Library and Information Science

The following students were placed in Library Posts:-

Mr. Pyndap Kharkongngor – Indian Council of Agricultural Research Umiam

Miss Agreasha Lating - Army Public School Kolkata – West Bengal.

Miss. Allysa N. Swer – NEHU Central Library.

Miss. Iabanshai phyrnai Kshiar – Nicholas Roy Bible College – Sohryngkham.

Miss. Sandra Hynniewta – K.L. Bajoria Higher Secondary School, Shilong.

Miss Satarupa Paul – Don Bosco Senior Secondary School, Gauhati

Miss Amanda Shanpru – Lady Keane College, Shillong.

Mr. Mebanai kumar Diengdoh - Nabon College, Shillong.

Mr. P.S. Gladson Pao -Unity College Dimapur.

Miss Florence Lianching – Grace Bible College, Churchandpur

Miss. Dooh ki wan Sten – John Robert Theological Seminary, Mawklot.

Miss :apdiang Nongdhar – NEHU Central Library Digitization project.

Department of Management

The conscious effort put in by the placement cell of the NEHU Tura campus has resulted in some of the biggest recruiters like Vodafone India Ltd, Hi-Design HR, PRADAN, IDBI Bank, IOCL, BCPL, Nestle, Dabur, WIPRO, HDFC Bank, Axis Bank, AMUL etc. showing keen interest in our department. The placement record has been cent per cent with average CTC offered being Rs. 4.50 lakhs.

Department of English (Shillong)

Students have been placed in various capacities in governmental organizations and publishing houses, as teachers and administrators in universities in India and abroad, colleges and schools or with NGOs.

Department of Hindi

Some students of the M.A. M.Phil. and Ph.D. Courses have been placed in various Universities, Colleges, Schools and Offices (State and Central Govt. and Public Sector) in various parts of the country.

Department of Khasi

Mr. Thomlin Lynshing as Lecturer in St. Anthony's College, Shillong.

Centre for Distance Education

Successful students of Disability Programmes are placed under SSA and special schools of the North-East Region of the Country and all over the country. The students have also joined various NGO to cater the needs of the challenged population which is a sizable number in the North Eastern Region. The students of Floriculture and Entrepreneurship Programmes have started their own venture and have become job provider for many.

Department of Geography

Mr. Sanjay Choudhury, Lecturer in NDA, Kharagwasla, Pune (Maharashtra)

Department of Rural Development and Agricultural Production

The Department does not have a placement cell. However, the students are mostly placed with District Rural Development Agencies, Meghalaya Integrated Basin Development and Livelihood Promotions Agency, etc.

Department of Biochemistry

Ms. D. Deka joined Omega Health Care Management Services Pvt. Ltd., Bengaluru.

Ms. C. Deb joined as faculty in University of Science & Technology, Meghalaya.

Ms. Parimita Kakoti joined as faculty in Assam Down Town University, Guwahati.

Ms. K. Devi joined Oil India Limited, Duliajan, Assam.

Department of Biotechnology & Bioinformatics

1. Mr. Arun Bahadur Gurung joined as Ph.D scholar in NEHU, Shillong

2. Mr Anuj K Borah joined as Ph.D, scholar in Tezpur University

3. Ms Manashi Das joined as trainee in BCIL (Prosetta Bioinformatics Pvt. Ltd, Mysore)

4. Ms Rukshna Aziz joined as Project Assistant in Tezpur University

5. Ms. Subhalakshmi Sharma joined as trainee in BCIL, New Delhi

6. Ms Nabanita Borkakoty joined as trainee in BCIL, Chandigarh
7. Ms Nasheman Khongthaw joined as Ph.D, scholar in NEHU, Shillong
8. Mr Donbor Pathaw joined as Ph.D, scholar in NEHU, Shillong
9. Ms Juban Sunabi joined as Ph.D, scholar in Botany Department NEHU, Shillong

Department of Botany

1. Dr. Subarna Hajong joined as DBT Research Associate in Applied Mycology Laboratory Department of Botany, University of Delhi under the supervision of Dr. Rupam Kapoor.
2. Dr. Mechuselie Kehie joined as DST-(SERB) Young Scientist in Post Graduate Department of Environmental Science, Patkai Christian College (Autonomous).
3. Dr L. S. Songachan joined as Assistant Professor in Ura College of Teacher Education, Kohima, Nagaland.

Department of Zoology

1. Dr. Jollin Andrea Shylla (student of Prof. V Tandon) was appointed as DST INSPIRE Faculty Fellow at NEIGRIHMS, Shillong.
2. Dr. Mahua G. Choudhury (student of Prof. N. Saha) was appointed as Women Scientist under the DBT-Biocare in the Department of Zoology, NEHU, Shillong.
3. Dr. Ramita Sougrakpam (student of Prof. A. S. Dixit) was appointed as Assistant Professor in the Department of Zoology, [*St. Joseph's College, Jakhama, Nagaland.*](#)

Department of Biochemistry

Ms. D. Deka joined Omega Health Care Management Services Pvt. Ltd., Bengaluru.
Ms. C. Deb joined as faculty in University of Science & Technology, Meghalaya.
Ms. Parimita Kakoti joined as faculty in Assam Down Town University, Guwahati.
Ms. K. Devi joined Oil India Limited, Duliajan, Assam.

Department of Chemistry

M.Sc. students passing out from this Department have been placed as Teachers in different colleges and schools, as Scientists in research organizations, and as Research Scholars in this Department and other Institutes. Some research scholars have joined different Universities/Institutes for as Research Associates.

Department of Mathematics

Some of our students were appointed as lecturers in affiliated colleges of NEHU.

Department of Law

Many of the students from the Department have got placement in law firms, LPOs and banks etc. as legal officers. The rest are practicing advocates.

Department of Political Science

Students passing out from this Department are placed in high government services like the I.A.S., I.P.S. and State Civil Services and in many research and teaching institutions including Central Universities and accredited colleges. The students are also placed in high posts in public sector and reputed private organizations.

Department of Electronics and Communication Engineering

COMPANY NAME	STUDENT'S PLACED	DATE OF JOINING(TENTATIVE)	PLACE (CITY)
TATA CONSULTANCY SERVICES(TCS)	1.NAVIN AGARWAL	04 AUG,2013	GUWAHATI
HINDUSTAN COMPUTERS LIMITED(HCL)	1.NURAZIM SHIEK 2.PRANJAL TALUKDAR	AUG,2013	GUWAHATI
CMC LIMITED(A TATA Enterprise)	1.SIMANTA HALOI 2.BIDISHA BAISYA	OCT,2013	GUWAHATI
TECH MAHINDRA	1.NAMRATA DAS	OCT,2013	NOIDA
ERICSSON	1.BIDYUT BIKASH KALITA 2.MAYANK BAGARIA	DEC,2013	GUWAHATI
ASPIRING MINDS	1.RAJEEV KUMAR	MARCH,2014	BANGALORE

Department of Information Technology

B.Tech. (IT) students are successfully placed in the following companies:

IBM
Infosys
TCS

38. Development Programmes for Non-teaching Staff:

Staff training/ orientation programmes from time to time.

39. Best Practices of the Institution:

The University adheres to its academic calendar and is able to conduct examinations on time and declare results within reasonable period.

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

Department	Collaborating Agencies
<i>Economics</i>	Economic Research Unit, Indian Statistical Institute Kolkata
<i>English (Shillong)</i>	<i>The Age of Asian Migration: Continuity, Diversity and Susceptibility</i> , City University of Hong Kong.
<i>Linguistics</i>	(1) International: Australian National University, Australia; and Nanyang Technological University, Singapore. (2)

	National: Central Institute of Indian Languages, Mysore and Language Division, Kolkata.
<i>Centre for Distance Education</i>	Special Education Programme in collaboration with the Rehabilitation Council of India, New Delhi.
<i>Centre for Science Education</i>	Physics Department, North-Eastern Hill University, Shillong. Department of Botany, Panjab University, Chandigarh. Department of Life Sciences, Manipur University, Canchipur.
<i>Anthropology</i>	India: University, in a project on “Body composition in relation to obesity and associated factors among adolescents in Meghalaya and West Bengal”. Abroad: (i) Institute of Medical Chemistry, Molecular Biology and Patho-Chemistry, Semmelweis University, Budapest, Hungary. Institute of Psychology, Eötvös Loránd University, Budapest, Hungary, in a project on psychogenetics, (ii) University of Washington, Seattle, Department of Anthropology, Aarhus University, Denmark, Syracuse University, President of UPCH University of Lima,
<i>Environmental Studies</i>	Friedrich-Schiller-Universität Jena, Löbdergraben 32, 07743, Jena, Germany, NEHU signed a MOU with Friedrich-Schiller-Universität, Jena to institutionalize the on-going collaboration. EOS- NTU, Singapore, IIG, Navi Mumbai, Department of Physics, NEHU, Shillong. Earth Observatory of Singapore, NTU, Singapore; IIG, Navi Mumbai, Department of Physics, NEHU, Shillong.
<i>Geography</i>	Geoenvironmental Research, IGIZ, Polish Academy of Sciences, Krakow, Poland. Disaster Prevention Research Institute, Kyoto University, Japan. Friedrich Schiller University, Jena, Federal Republic of Germany.
<i>Rural Development & Agricultural Production</i>	Don Bosco College, Tura, Meghalaya, DBT (NER), Ministry of Science and Technology, New Delhi.
<i>Biochemistry</i>	IIT Rajasthan, Jodhpur with funding by BRNS. DBT-Twining, DBT-funded Toho University, Japan; Research Centre, Juelich, FRG; Osaka

	University, Japan; University of Cambridge, UK; Newcastle University, UK; JNU, BHU, etc.
<i>Biotechnology and Bioinformatics</i>	NIPER, Chandigarh Bose Institute, Kolkata Visva Bharati University, Santiniketan, West Bengal Molecular Biology Division, BARC, Mumbai National Institute of Technology, Durgapur, West Bengal University of Madras IIT Kharagpur, West Bengal
<i>Botany</i>	India Jawaharlal Nehru University, New Delhi Herbal Research Lab., Ramnarain Ruia College, Mumbai Banaras Hindu University, Varanasi Indian Institute of Horticultural Research (IIHR), Bengaluru National institute of Plant Genome Research, New Delhi University of Jammu, Jammu University of Kashmir, Srinagar 37 Universities/Institutions all over the country under the DBT programme, 16 Universities/Institutions all over the country under the All India Coordinated research project Abroad Feiburg University, Feiburg, Germany University of Ljubljana, Slovenia
<i>Zoology</i>	India National Centre for Cell Sciences, Pune. (i)Department of Zoology, Delhi University, Delhi (ii) Department of Zoology, Lucknow University, Lucknow. (i) International Centre for Genetic Engineering and Biotechnology, New Delhi (ii), Manipal University, Manipal;, ILS, Bhubaneswar, Odisha and (iii) BBICI, Guwahati, Assam; North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong Abroad University of Hamburg, Germany on Biodiversity of Indian Nematomorpha

	<p>(i) Department of Biology, Waseda University, Tokyo, Japan. Faculty of Science and Technology, Kebangsaan University, Malaysia. Department of Biochemistry and Molecular Biology, Institute of Coregulator Biology, Washington, USA and (ii) SIPBS, Strathclyde University, Scotland, UK.</p>
<i>Biochemistry</i>	<p>IIT Rajasthan, Jodhpur BRNS. DBT-Twining, DBT, Toho University, Japan; Research Centre, Juelich, FRG; Osaka University, Japan; University of Cambridge, UK; Newcastle University, UK; JNU, BHU, etc.</p>
<i>Chemistry</i>	<p>(i) Solid State Physics Division, Bhabha Atomic Research Center, Mumbai (ii) Chemistry Division, Bhabha Atomic Research Center, Mumbai (iii) Materials Science Division, CSIR-North East Institute of Science and Technology, Jorhat (iv) Chemical, Biological and Macromolecular Sciences, S. N. Bose National Centre for Basic Sciences, Salt Lake, Kolkata.</p> <p>Department of Chemistry, Faculty of Science and Agriculture, the University of West Indies, St. Augustine, Trinidad and Tobago.</p> <p>(i) Prof. Yuriy Mozharivskiy, Department of Chemistry and Chemical Biology, McMaster University, Canada (ii) Department of Cancer Pharmacology, Institute of Cancer Therapeutics, University of Bradford, Bradford, UK (iii) Department of Chemistry, University of Washington, Seattle, WA 98195, USA.</p> <p>Quantum Chemistry Group, University of Leuven, Belgium.</p> <p>University of Zurich, Switzerland; University of Malaya, Malaysia; University of the District of Columbia, USA; Universiti Sains Malaysia, Malaysia, Institut für Anorganische Chemie, RWTH Aachen University, Germany, University of Lisbon, Portugal, School of Life & Environmental Science, Deakin University,</p>

	<p>Australia, Centre for DNA Fingerprinting and Diagnostics, Hyderabad.</p> <p>Dept. of Biochemistry, NEHU, Shillong; Radiation and Photochemistry Division, BARC, Trombay, Mumbai; Process Development Division, BARC, Trombay, Mumbai.</p> <p>Department of Biotechnology & Bioinformatics, NEHU, Shillong; BITS, Pilani; BARC, Mumbai.</p> <p>Department of Biochemistry; Department of Biotechnology & Bioinformatics; Department of Chemistry; Department of Chemistry; Department of Biotechnology & Bioinformatics, NEHU, Shillong.</p>
<i>Physics</i>	NPD (Nuclear Physics Division) and RCD (Radio Chemistry Division) of BARC at Trombay, Mumbai, IAEA.
<i>Sociology</i>	NEIGRIMS Ethics Committee. Department of Sociology ,Lady Keane College,Shillong
<i>Biomedical Engineering</i>	<p>All India Institute of Medical Sciences (AIIMS), New Delhi</p> <p>Indian Institute of Technology (IIT), Delhi</p> <p>North Eastern Indira Gandhi Institute of Regional Health Medical Sciences (NEIGRIHMS), Shillong.</p> <p>Indian Institute of Technology (IIT), Guwahati</p> <p>Maharshi Dayanand University, Rohtak, Haryana</p> <p>Bundelkhand University, Jhansi</p> <p>Rajasthan Technical University, Kota</p> <p>Guru Jambheshwar University of Science & Technology (GJUST), Hisar, Haryana.</p>
<i>Basic Sciences and Social Sciences</i>	<p>India</p> <p>Department of Information Technology, NEHU, Shillong.</p> <p>(i) Department of Botany, NEHU, Shillong (ii) Department of Botany, NEHU, Shillong, Sikkim University, Gantok, Sikkim and Dr. K. K. Singh, GBPIHED (Sikkim Unit) (iii) Department of Botany, NEHU, Shillong.</p> <p>Department of Botany, NEHU, Shillong, BSI, Howrah, West Bengal.</p>

<i>Electronics and Communication Engineering</i>	North Eastern Regional Institute of Science and Technology, NERIST, Nirjuli, Itanagr, Arunachal Pradesh.
<i>Nanotechnology</i>	BARC, Mumbai and Manipur University
<i>Bioinformatics Centre</i>	JNU, New Delhi, DBT NER Twinning Programme.

41. Any other relevant information:

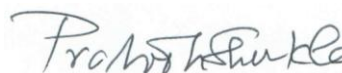
PART-C

Detail plans of the Institution for the Next Year:

The University is implementing semester system at undergraduate level w.e.f. August 2015. The process of re-accreditation (cycle 3) has been put in motion. It is expected that this will be completed by November 2015.



Arvind K. Misra
Director
Internal Quality Assurance Cell



Prabodh Shukla
Chairman
Internal Quality Assurance Cell