

9	Dr R L Bezbaruah Creation of bioinformatics infrastructure facility (BIF) for the promotion of biology teaching through bioinformatics (BTBI) a scheme of BTISnet	DBT, Bioinformatics Division	35.890
10	Mr Dipankar Neog Setting up of non-leather footwear training cum production centre at Tezpur, Assam	Min of HRD	70.000
11	Dr L Nath Financial assistance to NEIST, Jorhat towards equipments, computer lab and renovation of lab space for 58 under graduate colleges affiliated to NER FIST package	DST, New Delhi	2930.000
12	Mr Dipankar Neog Technopreneur promotion programe (TePP) outreach centre (TUC)	Min of Science & Technology	20.000
13	Dr (Mrs) Swapnali Hazarika Development of nanostructured membrane for solvent recovery from dilute solution	Min of Science & Technology	21.052
14	Dr PR Bhattacharyya Identification of location specific ginger and turmeric varieties, quality planting materials production, insect-pests and disease management, chemical profiling and development of values added product	DBT, New Delhi	16.740
15	Dr (Mrs) Archana Moni Das Synthesis of some versatile steroidal molecules : approach to synthesis of hybrid molecules including nine membered D-ring steroids and chemeric 7a-substituted derivatives	Min of Science & Technology	12.150
16	Dr HB Singh DNA clubs-DBT-TERI mentoring the schools of North-East (for 57 schools in Manipur)	DBT, New Delhi	213.840
17	Dr Dipak Prajapati Synthesis of novel pyrimidine derivatives of biological significance based on inter and intramolecular cycloaddition structure	Min of Science & Technology	15.295
18	Dr S Mahiuddin Ion specificity on the adsorption of well defined organic acids / anions at the solid/water interface	Min of Science & Technology	21.520
19	Dr (Mrs) Puja Khare Emissions from Coal based industries-development of predictive models (EE-42)	Central Mine Planning & Design Institute Limited	82.460
20	Mr Dipankar Neog Council of science and technology for rural India centre at NEIST, Jorhat (CSTRI Centre-NEIST)	Min of Science & Technology	32.000
21	Dr HB Singh Herbal Garden inside Kangla Fort, Imphal, Manipur	Deptt of Archaeology, Govt of Manipur	6.160
22	Mr PK Goswami New advances in the integrated management of food processing waste in India and Europe:use of sustainable technologies for the exploitation of by-products into new foods and feeds	Min of Science & Technology	243.210
23	Dr Saurabh Baruah Modelling and estimation of strong ground motion parameters aimed at seismic risk reduction (Indo-Russian joint project)	Min of Science & Technology	8.160
24	Dr (Mrs) A Goswami Development of a low cost process for fluoride removal from fluoride contaminated water specific to NE region for public	Min of Environment & Forest	15.388



25	Dr P Sengupta Planned development of protocols for utilization of the tide land for brick manufacture after analysis of geo-consequence	Min of Science & Technology	24.711
26	Dr HP Dekaboruah Development of formulations of microbial bionoculants with plant growth promoting and biocontrol activities for application in rice cultivation in Manipur and Assam	Min of Science & Technology	28.150
27	Mr PK Goswami Development of economic process for the drying of Umorok Chilli and Turmeric and their quality evaluation with stability	Min of Food Processing Industries, New Delhi	31.040
28	Dr Dipul Kalita Synthesis of novel composite material using coir fibre for engineering application	Min of Micro, Small & Medium Enterprise	17.216
29	Dr (Mrs) Jonalee Goswami Synthesis of some biological potential steroidal heterocycles by structural modifications	Min of Science & Technology	20.800
30	Dr RL Bezbaruah Establishment of institutional biotech hubs (IBThubs) by DBT under special programme for North Eastern states of India	Biotech Consortium India Limited	27.000
31	Dr (Mrs) Archana Moni Das Utilization of plant and waste materials of North East India to a value added product : environment friendly technology	North East Council	22.250
32	Dr Dipul Kalita To develop a process of non -glossy borer resistant polymeric composition suitable for application on various bamboo and cane articles	Min of Science & Technology	9.932
33	Dr BP Baruah Development of technology to produce clean coal from high ash and high sulphur Indian coal	Min of Steel, New Delhi	193.760
34	Dr BS Bhau Development of molecular markers for evaluation of population genetic structure of the Aquilaria malaccensis in Northeast India: implications for its use and conservation	Min of Science & Technology	45.930
35	Dr HP Dekabaruah Application of carbon sequestration in the terrestrial eco-system of Assam for long term sustainability	Min of Science & Technology	60.379
36	Dr Mantu Bhuyan Studies on bio-ecology of Helopeltis theivora and development of a forecasting model of its incidence for effective management	Min of Science & Technology	37.660
37	Dr MJ Bordoloi Pharmacological study and molecular characterization of some endangered plants of NE India with reference to their adaptogenic activity	Min of Science & Technology	15.650
38	Dr BS Bhau Biotechnological interventions for production of androgenic haploids to speed and support breeding of Ginger	Min of Science & Technology	13.870
39	Dr Ratul Saikia Genetic diversity of antimicrobial agents producing streptomycetes isolated from protected forest areas of Assam and Arunachal Pradesh	Min of Science & Technology	28.760
40	Dr PR Bhattacharyya Biotech interventions on selected medicinal &	Min of Science & Technology	78.400

41	Dr BS Bhau Yield enhancement strategics for production of therapeutic compounds by cell and tissue cultures of <i>Tinospora cordifolia</i> (wild) Miers ex Hook F & Thoms	Min of Science & Technology	12.970
42	Dr Gakul Baishya Domino prins cyclization reactions : synthesis of noval highly functionalized tetrahydropyran piperidine derivatives	Min of Science & Technology	24.200
43	Dr RM Devi Active tectonic and paleoseismic studies using geophysical parameters along the mountain frontal part of Eastern syntaxial bend, Lower Dibang valley and Lohit dist, Arunachal Himalaya	Min of Science & Technology	20.000
44	Dr TC Bora Screening and molecular characterization of microbial pathogen diversity of staphylococci and development of diagnostic test for rapid detection	Min of Science & Technology	54.700
45	Dr BP Baruah Development of feasibility assessment model for adoption of underground coal gasification technology in the North-East region of India	Min of Communication & Information	111.320
46	Dr (Ms) Dipanwita Banik A study on taxonomy and ethnobotany with an emphasis to biochemical parameters of the family Myristicaceae R. Br. In North East India	Min of Science & Technology	16.160
47	Dr MJ Bordoloi Chemical investigation of species of sea stars (family Asterminidae) from Vietnam waters in search of bioactive molecules	Min of Science & Technology	3.360
48	Dr MJ Bordoloi Identification of bioactive compound from medicinal plants effective against multi-drug resistant <i>Escherichia coli</i> .	Min of Science & Technology	12.720
49	Dr Ratul Saikia DNA fingerprinting of endophytic actinomycetes isolated from protected forest areas of Assam and Mizoram	Min of Science & Technology	37.150
50	Dr RC Borah Development of an atmospheric fluidized bed combustion process for high sulphur content North Eastern Region coals of India with higher efficiency and zero green house gas emmission	Min of Environment and Forest	39.700
51	Dr Lakshi Saikia Hierarchical porous soild as catalysts and catalytic support	Min of Science & Technology	25.500
52	Dr(Mrs) M Borthakur Self empowerment by the women community of the rural areas of West Jorhat (SC populated) through organic vegetable gardening as well as production of popular food viz. mushroom cultivation	Min of Science & Technology	12.000
53	Dr Manas R Das Solution chemistry approach for synthesis of metal nanoparticles on the grapheme oxide/ graphene nanosheets	Min of Science & Technology	24.500
54	Mrs Pramila Majumdar Intensive training workshop on Science Communication	Min of Science & Technology	2.800
55	Dr TC Bora Detoxification of mustard seed based product through fermentation process based on North East traditional practices	Min of Science & Technology	23.130



56	Dr SP Saikia Studies on drought resistance strategy in seedling of Teak (<i>Tectona grandis</i>) species and selection of improved genotype for forest management	Min of Science & Technology	35.940
57	Dr Saurabh Barua Literature survey of available earthquake hazard assessment studies related to North Eastern Region	Assam State Disaster Management Authority	17.800
58	Mr Chandan Tamuly Exploration & utilization of wild edible plants consumed by ST people of Arunachal Pradesh for socio economic development of the state	Min of Science & Technology	15.222
59	Dr Saurabh Barua Seismic vulnerability assessment of major cities in North Eastern India	North East Council	184.250
60	Dr (Mrs) Swapnali Hazarika Development of molecular gate membrane for CO ₂ separation and green emission control	Min of Science & Technology	33.318
61	Dr SB Wann Comparative antimicrobial activity and molecular characterization of Clerodendrum species of Thailand & India	Min of Science & Technology	8.850
62	Dr NC Baruah Novel DPP IV inhibitors for the treatment of diabetes	CSIR Hq, New Delhi	111.060

Projects Completed

S. No	Title & PI	Funding Agency	Contract Value (₹ in Lakhs)
1	Dr PR Bhattacharyya Development of Aromatic Oil Processing Industry in rural area at different villages of Mizoram and to provide Technical Service, Training, etc.	Directorate of Industries, Govt. of Mizoram, Khatla, Aizawl- 796 001	7.865
2	Dr BG Unni Survey, isolation and preliminary characterization of microbial (Bacteria) populations Southern Brahmaputra corridor of Assam	DST, New Delhi	16.570
3	Dr P Sengupta Characterization beneficiation and utility study of some graphite deposits from Arunachal Pradesh	Min of Mines, Govt of India	26.300
4	Dr BG Unni Endocrine regulation of reproduction and enhancement of fecundity in the muga silkworm, <i>Antheraea assamensis</i> Helfer	DST, New Delhi	2.880
5	Dr RC Boruah Synthesis of biologically potential azasteroid via steroidal B-ring modifications	DST, New Delhi	34.944
6	Dr PJ Bhuyan Dimino Diels-alder & dipolar cycloaddition reactions in the synthesis of carbazoles & carboline alkaloids and assay for their potential bio	DST, New Delhi	17.186
7	Dr SD Baruah Biodegradable polymeric composites based on cellulose nanoparticles: an alternative to petroleum-based polymer composites.	DST, New Delhi	31.888
8	Dr HB Singh Chemical investigation, trace element analysis and biological activities of some selected medicinal plants of Manipur.	Deptt of AYUSH, Min of Health & Family Welfare, Govt of India	10.000



9	Dr PC Sarmah Development of landslide monitoring system for North Eastern regions of India using wireless sensor networking	Min of Communication & Information	29.110
10	Dr MM Borah Development of environmentally benign process technology for extraction of natural dye of NE region	Min of Env & Forest	21.861
11	Ms Sumana Goswami Seismotectonics of Northeastern India with special emphasis on estimation of earthquake source parameters and stress tensor inversion.	DST, New Delhi	9.045
12	Dr Keisham Radha Pyari Method, development, validation and determination of some pharmaceuticals in bulk, dosage form and biological fluid using electroanalytical technique.	Min of Science & Technology	21.530
13	Dr Alka Jain (WOS-A) Bioprospecting of wild edible plant for socio-economic development in Manipur state , North Eastern India	Min of Science & Technology	19.608
14	Mr Mohamed Abd Allah Gad DBT-TWAS biotechnology fellowship for Mr Mohamed Abd Allah El-Eneen Mabrouk Gad	Min of Science & Technology	7.549
15	Ms Shruti Talukdar Development of novel antifungal antibiotics against Candida albicans – Research Scholarship	Lady Tata Memorial Trust, Mumbai,	3.696

Process Developed

Process

Fungi Destruct
Anti Arthritis

Scale of Development

Commercial Scale
Commercial Scale

Process Released to Industry

Technology knowhow	Party
Herbal incense sticks with mosquito repellent properties	Asian Evergreen World, Amguri Town P.O.: Amguri Dist– Sivasagar (Assam)
Liquid Deodorant Cleaner	Mr Himen Nath M/s Asian Groups Gaurisagar, Sivasagar
	Dr R Sanga, Proprietor M/s Thangching Herbals Enterprises Newlane, Bungmual Churachandpur, Manipur
	Ms Kalpana Kalita Borah Proprietor, S N Industries Jorhat
	Assam Nabanirman Bohumukhi Samabay Samiti Ltd, Khunkhundi, Nalbari
Herbal freshner with Mosquito repellent properties	Dr R Sanga, Proprietor, M/s Thangching Herbals Enterprises, Newlane, Bungmual, Churachandpur, Manipur
	Mr Purbashu Dutta Proprietor, M/s Ethereal Aromatics RG Baruah Road, Guwahati
Low Dust Chalk Pencil	Sri Amal Das, Jogendranagar, Bartila Agartala, Tripura West
	Snehalaya, a centre for impaired's rehabilitation, Dist: Tinsukia, Assam
Production of Bacterial Formulation for Crop Enhancement and Yield	M/s Tarajan Tea Co (Pvt) Ltd H S Road, Dibrugarh
Production of cold bonded iron ore pellets	M/s Cold Pellet Technologies, Kolkata





Commercial Liquid Deodorant Cleaner Produced by M/S ASIAN GROUPS, Gaurisagar, Assam



Commercial Low dust chalk Produced by Amal Das, Tripura



Commercial Liquid Deodorant Cleaner Produced by M/S SN Industry, Jorhat

Patents

Granted abroad

Title: Method of inducing chirality to epoxides using 2,3:4,6 di-O- isopropylidene-2-keto-L-gulonic acid monohydrate

Patent No: 8148118 (US)

Inventors: Amrit Goswami, Kuladip Sarma, Ajit Kumar Hazarika

Date of grant: 03/04/2012

Title: Compounds as antiulcer agents.

Patent No: GB2488946 (GB)

Inventors: Romesh Chandra Boruah, Moyurima Borthakur, Madan Gopal Barthakur, Paruchuri Gangadhar Rao, Sudip Kumar Kar, Annalakshmi Chinniah, Suchandra Goswami, Pratap Kumar Das

Date of grant: 31/10/2012

Title: Method for the simultaneous preparation of 17-acetamido-3-acetoxy-16-formyl-androst-5, 17-diene and 3-acetoxy-2'-chloro-5-androsteno[17, 16-b]pyridine.

Patent No: GB2471619 (GB)

Inventors: Romesh Chandra Boruah, Moyurima Borthakur, Madan Gopal Barthakur, Paruchuri Gangadhar Rao, Sudip Kumar Kar, Annalakshmi Chinniah, Suchandra Goswami, Pratap Kumar Das

Date of grant: 31/10/2012

Title: Process for the preparation of 4-(4-hydroxyphenyl)butan-2-one from phenol and 4-hydroxybutan-2-one using solid acid clay catalyst

Patent No: GB2471619 (GB)

Inventors: Dutta Dipak Kumar, Pathak Madan Gopal

Date of grant: 13/03/2013

Granted in India

Title: A process for the preparation of 1,2,3,4-tetrahydro-b-carboline derivatives

Patent No: 252485

Inventors: Dipak Prajapati, Ramesh Chandra Baruah

Date of grant: 17/05/2012

Title: An improved process for the preparation of 16-Dehydropregnonolone Acetate (16-DPA).

Patent No: 253067

Inventors: Dilip Konwar, Ram Nath Das

Date of grant: 21/06/2012

Title: A process for the preparation of Vanillin from Agricultural waste.

Patent No: 254040

Inventors: Naleen Borthakur

Grant date: 17/09/2012.

Title: A process for demineralization and desulphurization of coal using sodium carbonate and acid solutions.

Patent No: 255788

Inventors: Borthakur PC, Mukherjee S, Saikia PC, Sengupta P, Mahiuddin S, Baruah BP, Bordoloi D, Baruah AC

Grant date: 22/03/2013

Filed abroad

Title: A new series of artemisinin derivatives with potent anticancer activities.

Application No: 13/574440 (US)

Inventors: Gakul Baishya, Nabin Chandra Barua, Abhishek Goswami, Partha Pratim Saikia, Paruchuri Gangadhar Rao, Ajit Kumar Saxena, Nitasha Suri, Madhunika Sharma.

Complete filing date: 20/07/2012.

Title: A new series of artemisinin derivatives with potent anticancer activities.

Application No: 1213096.9 (GB)

Inventors: Gakul Baishya, Nabin Chandra Barua, Abhishek Goswami, Partha Pratim Saikia, Paruchuri Gangadhar Rao, Ajit Kumar Saxena, Nitasha Suri, Madhunika Sharma.

Complete filing date: 20/07/2012.

Title: A new series of artemisinin derivatives with potent anticancer activities.

Application No: 1201003689 (TH)

Inventors: Gakul Baishya, Nabin Chandra Barua, Abhishek Goswami, Partha Pratim Saikia, Paruchuri Gangadhar Rao, Ajit Kumar Saxena, Nitasha Suri, Madhunika Sharma.

Complete filing date: 23/07/2012.

Title: A synergistic pharmaceutical composition useful for the treatment of lung cancer.

Application No: PCT/IN2012/000581 (WTO)

Inventors: Mantu Bhuyan, Pranab Ram Bhattacharyya, Pranab Kumar Baruah, Nabin Chandra Barua, Paruchuri Gangadhar Rao, Sushmita Bhattacharya, Rakesh Kundu, Priyajit Chatterjee, Soma Seal, Sandeep Mukherjee, Suman Dasgupta, Sudipta Moitra, Shelley Bhattacharya, Samir Bhattacharya

Complete filing date: 05/09/2012

Title: A method for the extraction of Shikimic acid.

Application No: 13/583315 (US)

Inventors: Bordoloi Manobjyoti, Borah Jayanta, Roy Dipak Kumar, Dutta Subhash Chandra, Baruah Nabin Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 07/09/2012.

Title: A method for the extraction of Shikimic acid.

Application No: 1201004656 (TH)

Inventors: Bordoloi Manobjyoti, Borah Jayanta, Roy Dipak Kumar, Dutta Subhash Chandra, Baruah Nabin Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 11/09/2012.

Title: A method for the extraction of Shikimic acid.

Application No: PT213 (LA)

Inventors: Bordoloi Manobjyoti, Borah Jayanta, Roy Dipak Kumar, Dutta Subhash Chandra, Baruah Nabin Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 12/09/2012.

Title: A method for the extraction of Shikimic acid.

Application No: 201180013675.4 (CN)

Inventors: Bordoloi Manobjyoti, Borah Jayanta, Roy Dipak Kumar, Dutta Subhash Chandra, Baruah Nabin Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 12/09/2012.

Title: A method for the extraction of Shikimic acid.

Application No: 1-2012-03033 (VN)



Inventors: Bordoloi Manobjyoti, Borah Jayanta, Roy Dipak Kumar, Dutta Subhash Chandra, Baruah Nabin Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 12/10/2012

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 604835.00 (NZ)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 18/12/2012

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 2011281132 (AU)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 21/12/2012.

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 2805098 (CA)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 10/01/2013

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 11755454.3 (EPO)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 11/01/2013

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 201180035064.X (CN)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 16/01/2013

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: BR1120130012447 (BR)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 17/01/2013

Title: Acid ester of 2-pyridinylthio compounds bearing potent anti-inflammatory properties.

Application No: 13/811090 (US)

Inventors: Sarma Jadab Chandra, Bora Dilip Chandra, Rao Paruchuri Gangadhar, Ghosh Balaram, Balwani Sakshi.

Complete filing date: 18/01/2013

Filed in India

Title: A synergistic pharmaceutical composition useful for the treatment of Lung cancer.

Application No: 1949DEL2012

Inventors: Mantu Bhuyan, Pranab Ram Bhattacharyya, Pranab Kumar Baruah, Nabin Chandra Baruah, Paruchuri Gangadhar Rao, Sushmita Bhattacharya, Rakesh Kundu, Priyajit Chatterjee, Soma Seal, Sandeep Mukherjee, Suman Dasgupta, Sudipta Moitra, Shelley Bhattacharya, Samir Bhattacharya.

Complete filing date: 25/06/2012

Title: A process of phase inversion of a water-in-crude oil emulsion into a crude oil-in-water emulsion.

Application No: 2847DEL2012

Inventors: Baruah Shashi Dhar, Laskar Narayan Chandra, Rao Paruchuri Gangadhar.

Complete filing date: 12/09/2012



Application No: 3195DEL2012

Inventors: Pradip Goswami, Pritish Chowdhury, Aradhana Goswami, Ashma Begum, Nabin Chandra Barua, Om Prakash Sahu, Paruchuri Gangadhar Rao.

Provisional filing date: 12/10/2012

Application No: 3597DEL2012.

Inventors: Rajib Lochan Goswamee, Mridusmita Mishra, Anil Kumar Sarma Baruah

Provisional filing date: 23/11/2012

Application No: 3766DEL2012.

Inventors: Sekh Mahiuddin, Sarma Jyotirmoy, Sarma Namrata

Provisional filing date: 07/12/2012

Application No: 0016DEL2013.

Inventors: Mridusmita Mishra, Rajib Lochan Goswamee

Provisional filing date: 03/01/2013

Publications

(as on 31.08.2013)

Book Chapters published

- DUTTA D K : Iridium-carbonyl complexes of nitrogen-oxygen and phosphrous-oxygen donor ligands: Synthesis, Characterisation and Reactivity, Iridium: Occurrence, Characterization and Applications, NOVA Science Publishers, Inc. USA,2013(Chapter 4), p-93-112
- UNNI B G, DEVI BASABRANI, KAKOTY YELENA, WANN S B, BORAH ARCHANA, DOWARAH PALLAVI : Role of plant : microbe interactions in the sustainable development of muga sericulture, In- Bacteria in agrobiolgy : Plant probiotics, ed by Dinesh K Maheshwari, Springer Verlag, New York,2012 (Chapter-12), p-213-226
- SINGH H B, PUKHRAMBAM M, JAIN A, KUMAR C M S : Sugandhmantri (Homalomena aromatics Schott): High potential economic plant resource of Northeast India- An agro-practice profile and sustainable development, In--Appropriate Technologies for North East India,Ed by USN Murty, Associated Publishing Company, New Delhi,2012 p-13-19
- CHOWDHURY P K, BORAH JURI MONI : Soft Corticosteroids: Eye Targeted Chemical Delivery Systems (CDSs) and Retrometabolic Drug Design- A Review, In-- 'Glucocorticoids: New Recognition of our Familiar Friend' (ed by Xiaoxiao Qian) Published by InTech, Janeza Trdine 9, 51000, Rijeka, Croatia,2012 p- 613-646
- SINGH BHIM PRATAP, SAIKIA RATUL : Molecular Identification of Microbes: III. Pseudomonas, In-- Analyzing Microbes- Manual of Molecular Biology Techniques, ed by D K Arora, S Das, M Sukumar, Published by Springer, Germany,2013(Chapter 8), p-105-112
- BAYON G K : Achieving High Range Elastic Properties of Soil mass for more Stable and Durable Geostructure, In- Constitutive modeling of geomaterials, Q. Yang et al (Eds): SSGG; Beijing, China Springer-Verlin Heiberg, 2013 p-391-397
- BAYON G K : Static liquefaction for flow type Landslide at Karshingsa - A case Study, Computer Methods and advances in Geomechanics International Conference 12th 2008 (6 vol.), ed by Dr. D. N Sing, Publisher: Curran Associates Inc,2012, 4 p-3021-3030

Published in Proceedings of Seminar / Symposium

- UNNI B G, NEOG KARTIK : Current trend in biotechnological and molecular research in Muga Silk Worm, Anthraea assamensis, Helfer and future prospects, In- Compendium of Seminar Papers of National Seminer on 'Recent Trend in Research and Development in muga culture - ideas and action, organized by CMETI, Central Silk Board, Govt of India held at Guwahati, 3-4th May, 2012 p-12-20
- UNNI B G : Unique Biodiversity of NE Region- proper conservation and utilization, In-Proc. 22nd Science Congress held at Central Plantation Crops Research Institute (ICAR), Kasargod, Kerala, 7th November, 2012 p-18-20
- UNNI B G : COPD- is it a serious issue for coal miners?, In-Proc. Society of Biological Chemists (India) published by Indian Institute of Science, Bangalore, 2012 p-44



- SHARMA ARPITA, BARUAH B P, SAIKIA BINOI K : Studies on mineral matters in some North East Indian coals/ fly ash by XRD and FT-IR techniques, In-Proc. 57th Annual Technical session Assam Science Society, Gauhati University, Guwahati, 2012 p-24
- SAIKIA BINOI K, BARUAH B P : Micro-analysis of some inorganic constituents in Assam Coal by CCSEM technique, In-Proc. 14th CRSI National Symposium and 6th CRSI-RSC Joint Symposium in Chemistry, 2-5th February, 2012, CSIR-NIIST and IISER, Trivandrum, India, 2012 p-195
- SAIKIA BINOY K, BARUAH B P, KHARE P : Micro-mineralogy of tertiary Indian coals: A computer controlled scanning microscopic study, In-Proc. XXVI International Mineral Processing Congress (IMPC) 2012 proceedings, New Delhi, 24-28 September, 2012 p-04647-04654
- KHOOND KAKOLI, DAS TANKESWER, SAIKIA BINOY K, BARUAH B P : Oxidative desulphurization of some North Eastern Region (NER) coals in presence of Cd²⁺ ions, In- Proc. 57th Annual Technical session Assam Science Society, Gauhati University, Guwahati, 2012 p-22
- BAYON G K : Riverbank scouring, its orientation of studies and prevention process - a permanent practical aspect, In-Proc. of the International Conference on Ground Improvement and Ground Control Edited by Buddhima Indraratna, Research Publishing Services, 2012 p-1535-1543
- BAYON G K : Road foundation - a new avenue for its stable and ever lasting aspects, In-Proc. International Conference on Ground Improvement and Ground Control Edited by Buddhima Indraratna, Research Publishing Services, 2012 p-1639-1647
- BORAH S C, DAS M R, SENGUPTA P: Beneficiation of graphite deposits of arunachal pradesh by gravity separation method, In-Proc. XXVI International Mineral Processing Congress (IMPC) 2012 proceedings, New Delhi, 24-28 September, 2012 p-617-624
- SARMA J, SARMA N, MAHIUDDIN S: Flocculation studies of iron ore tailings using saline water, In-Proc. XXVI International Mineral Processing Congress (IMPC) 2012 proceedings, New Delhi, 24-28 September, 2012 p-4760-4767
- BARUAH B P : Cleaner coal initiatives for high organic sulphur Indian coals, In-Proc. XXVI International Mineral Processing Congress (IMPC) 2012 proceedings, New Delhi, 24-28 September, 2012 p-345-355
- DUTTAD, DUTTAD K : Efficient and reusable catalysts for reduction of chlorobenzene, In-Proc. Int Conf Recent Adv and Current Trend in Chemical and Biological Sciences, Abs No. 119, 2-5 March, M S University, Udaypur
- SWAPNALI HAZARIKA : Restoration of amino acid by enantioselective membrane, In-Proc. International Conference on Polymers on the Frontiers of Science & Technology, 2013, p-22
- ASSANVO E F, BARUAH S D : Thermal degradation of RH oil polymers, In-Proc. 100th session of Indian Science Congress, Kolkata, 3-7 January, 2013. Abs No. 416, p-398
- ASSANVO E F, BARUAH S D : Photopolymerization of RH oil : Kinetics and thermal properties, In-Proc. Chemical Education and Research and National Convention of Chemistry Teachers (NCCT-12), 1-4 November, 2012, Gauhati University, Abs No. 0123, p-39
- SANJAY DEORI, DIPAK BASUMATARI, PRANAB BARKAKATI, P G RAO : Sustainable technologies for road construction in NE India, In-Proc. National Conference on New Materials & Process for Improving Quality of Infrastructure (NEMPIQI 2012) 19-20 October, 2012 at Hyderabad, University of Hyderabad, p-18
- DIPAK BASUMATARI, SANJAY DEORI, NIBIR PRAN BORAH, ANJUMONI BHARALI, PRANAB BARKAKATI : testing and evolution construction materials for quality control with reference to NE region, In-Proc. National Conference on New Materials & Process for Improving Quality of Infrastructure (NEMPIQI 2012) 19-20 October, 2012 at Hyderabad, University of Hyderabad, p-19
- M M BORA, P G RAO : Extraction of dye from raw crude dye of Albalceylon (Indian) spinach seeds. In-Proc. 65th Annual session of Indian Chemical Engineering Congress, 2012, p-201
- B GOGOI, SWAPNALI HAZARIKA : Control release of vitamin H through hydrogel. In-Proc. 65th Annual session of Indian Chemical Engineering Congress, 2012, p-213
- K BORUAH, S BORTHAKUR, SWAPNALI HAZARIKA : Separation of methanol from dilute aqueous solution by dendrimer based nanofiltration membranes. In-Proc. 65th Annual session of Indian Chemical Engineering Congress, 2012, p-32
- K BARUAH, P K BHATTACHARYYA, SWAPALI HAZARIKA : Recovery of methanol from dilute aqueous solution using nanofiltration. In-Proc. 58th Technical Session of Assam Science Society, 2013, p-33



- BORAH B J, BORAH S J, SARMAH P P, DUTTA D K : *In situ* stabilization of Cu^o nanoparticles into modified montmorillonite clay – an efficient heterogenous catalytic system for three components coupling reaction. In-Proc. 4th Int Conf on Recent Adv in Composite Materials. 18-21 February, 2013, Abs No. OP 116, p-59
- SARMAH P P, BORAH B J, BORAH S J, DUTTA D K : Rh^o nanoparticles stabilized on montmorillonite clay – an efficient transfer hydrogenation catalyst. In-Proc. 15th CRSI National Symp Chemistry, BHU, Varanasi, 1-3 February, 2013, Abs No. P168, p-216
- BORAH S J, BORAH B J, K SAIKIA, DUTTA D K : Gold nanocrystals stabilized on montmorillonite clay – an efficient heterogenous catalyst for the one-pot synthesis of propargylamines, In-Proc. Int Conf Recent Adv and Current Trend in Chemical and Biological Sciences, Abs No. 103, 2-5 March, M S University, Udaypur

Published in Indian Journals

- BHAKUNI S S, LUIREI KHAYINGSHING, MRINALINEE DEVI R K : Soft-sediment deformation structures (seismites) in Middle Siwalik sediments of Arunachal Pradesh, NE Himalaya, *Himalayan Geology*, 2012, 33(2), p-139-145
- KARDONG D, DEORI K, SOOD K, YADAV R N S, BORAH B C, GOGOI B K: Evaluation of nutritional and biochemical aspects of Po:ro apong (Saimod) - A home made alcoholic rice beverage of mising tribe of Assam, India, *Indian J Traditional Knowledge*, 2012, 11(3), p-499-504
- KAYAL J R, BARUAH SANTANU, BARUAH S, TATEVOSSIAN RUBEN : Is the kopili fault vulnerable for an impending large earthquake in northeast India?, *DCS-DST NEWS*, 2012(August), p-1-5
- DUTTAA, SAIKIA BINOI K, BARUAH B P : Oxidative desulphurization of North East Indian coals by using different metal ion / oxides as catalyst, *International J Innovative Research and Development*, 2012, 1(7(special issue)), p-214-220
- KHOOND K, SAIKIA BINOI K, BARUAH B P : Sulfur removal from Indian coals by using green solvents, *International J Innovative Research and Development*, 2012, 1(7(special issue)), p-228-230
- KAKOTI NILAKSHI, SAIKIA BINOI K, BARUAH B P :Non recovery coke ovens of North east coals: an attempt for energy utilization, *International J Innovative Research and Development*, 2012, 1(7(special issue)), p-253-262
- SHARMA ARPITA, BARUAH B P, SAIKIA BINOI K : Maceral contents of tertiary Indian coals and their relationship with calorific values, *International J Innovative Research Development*, 2012, 1(7 (Special Issue)), p-253-262
- MUDOI K D, BORTHAKUR M : Factors affecting the frequency of in vitro flowering of Bambusa balcooa Roxb, *Indian Journal of Plant Physiology*, 2012, 17(1), p-37-43
- GOGOIA, HAZARIKA P, KONWAR D, BORUAH R K : Synthesis and structural reports of C₁₂H₂₀N₂O₄, *Asian Journal of Chemistry*, 2013, 25(3), p-1755-1756
- KOTOKY P, DUTTA M K, BORAH G C: Changes in landuse and landcover along the Dhansiri River channel, Assam - A remote sensing and GIS approach, *J Geological Society of India*, 2012, 79(1), p-61-68

Published in Foreign Journals

- CHETIA M, GOSWAMEE R L, BANERJEE S, CHATTERJEE S, SINGH L, SRIVASTAVA R B, SARMA H P : Arsenic removal from water using calcined Mg-Al layered double hydroxide, *Clean Technologies and Environmental Policy*, 2012, 14(1), p-21-27
- BARUAH KUNDAN, HAZARIKA S, BORTHAKUR SOMIRON, DUTTA N N : Preparation and Characterization of Polysulfone Preparation and Characterization of Polysulfone Cyclodextrin Composite Nanofiltration Membrane: Solvent Effect Cyclodextrin Composite Nanofiltration Membrane: Solvent Effect, *Journal of Applied Polymer Science*, 2012, 125(5), p-3888-3898
- BARUAH BISWAJITA, SEETHAM NAIDU P, BORAH PALLABI, BHUYAN P J : Synthesis of 5-alkylated barbituric acids and 3-alkylated indoles via microwave-assisted three-component reactions in solvent-free conditions using Hantzsch 1,4-dihydropyridines as reducing agents, *Molecular Diversity*, 2012, 16(2), p-291-298
- ABE Y, BHUYAN M, MECH J, BHATTACHARYA P R, IDE T, MISHIMA M, SUYAMA C, SATO S,



MATSUO K B, WACHI N C : Discovery of an oak gall wasp (Hymenoptera: Cynipidae) inducing galls on deciduous oak trees in India, *Entomological Science*, 2012, 15(3), p-340-342

- MAITYA, KALITAD, KAYAL N, GOSWAMI T, CHAKRABARTI O, RAO P G : Oxidation behavior of SiC ceramics synthesized from processed cellulosic bio-precursor, *Ceramics International*, 2012, 38(6), p-4701-06
- KAYAL J R, AREFIEV S S, BARUAH S, HAZARIKA D, GOGOI N, GAUTAM J L, BARUAH SANTANU, DORBATH C, TATEVOSSIAN R: Large and great earthquakes in the Shillong plateau-Assam valley area of Northeast India Region: Pop-up and transverse tectonics, *Tectonophysics*, 2012, 532-35(April), p-186-92
- PERRY GUILLAUME, THOMY VINCENT, DAS M R, COFFINIERB YANNICK, BOUKHERROUB RABAH : Inhibiting protein biofouling using graphene oxide in droplet-based microfluidic microsystems, *Lab on a Chip*, 2012, 12(9), p-1601-04
- SARMA RUPAM, RAJESH NIMMAKURI, PRAJAPATI D : Indium(III) catalysed substrate selective hydrothiolation of terminal alkynes, *Chemical Communications*, 2012, 48(33), p-4014-16
- BARUAH SANTANU, BARUAH S, BORA P K, DUAH R, KALITA ADITYA, BISWAS RAJIB, GOGOI N, KAYAL J R : Moment Magnitude (MW) and Local Magnitude (ML) Relationship for Earthquakes in Northeast India, *Pure and Applied Geophysics*, 2012, 169 p-1977-1988
- HAZARIKAS, DUTTAN N, RAO P G :Dissolution of Lignocellulose in Ionic Liquids and its Recovery by Nanofiltration Membrane, *Separation and Purification Technology*, 2012, 97 p-123-129
- SAIKIA BINOY K, DAS SUBRATA, SRIDHAR BALASUBRAMANIAM, THAKUR ASHIM J : An X-ray crystallographic study of C-5 and C-6 substituted 1,3-dimethyl-6-aminouracil architectures, *J Chemical Crystallography*, 2012, 42(7), p-711-720
- GOGOI J, PATHAK N, DUARAH I, DEKA BORUAH H P, SAIKIA N, HANDIQUE AK : Microbial activity in high-sulfur reclaimed coal mine overburden sites, *Soil and Sediment Contamination*, 2012, 21(1), p-42-50
- BORAH B J, SAIKIA K, SAIKIA P P, BARUAN C, DUTTAD K : Pdo-nanoparticles stabilized by tripodal phosphine based ligands and their catalytic activities on carbon-carbon bond formation reactions, *Catalysis To-day*, 2012, 198 p-174-183
- SHARMA POMPI, BHATTACHARYAA : 3-D structure prediction of aquaporin-2, virtual screening and in-silico docking studies of gold and silver derivatives, used as potent inhibitors, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012, 4(Suppl-1), p-574-579
- MAJUMDER S, BORAH P, BHUYAN P J : Intramolecular 1,3-dipolar cycloaddition reactions in the synthesis of complex annelated quinolines, β -carbolines and coumarins, *Molecular Diversity*, 2012, 16 p-279-289
- TALUKDAR M, DUARAH A, TALUKDAR S, GOHAIN M B, DEBNATH R, YADAVA, JHAD K, BORA, T C :Bioprospecting Micromonospora from Kaziranga National Park of India and their anti-infective potential, *World Journal of Microbiology and Biotechnology*, 2012, 28(8), p-2703-2712
- MAITY ANWESHA, KALITAD, KAYAL NIJHUMA, GOSWAMI T, CHAKRABARTI OMPRAKASH, RAO P G : Synthesis of biomorphic SiC ceramics from coir fibreboard preform, *Ceramics International*, 2012, 38(8), p-6873-6881
- SEETHAM NAIDU P, BORAH P, BHUYAN P J :Synthesis of some novel functionalized dihydropyrido[2,3-d]pyrimidines via an one-pot three-component reaction catalysed by InCl₃, *Tetrahedron Letters*, 2012, 53 p-4015-17
- JANA AMIT KUMAR, PAHARI PALLAB, MAL DIPAKRANJAN : Lateral Lithiation-Initiated Annulations in the Synthesis of 1-Oxygenated Carbazole Alkaloids and a Cycloheptacarbazole, *Synlett*, 2012, (12), p-1769-74
- BEZBARUAH PRANJAL, GOGOI JUNALI, RAO KOMMURI S, GOGOI PRANJAL, BORUAH R C : Microwave-assisted novel and efficient one-pot synthesis of fused steroidal and non-steroidal isothiazoles, *Tetrahedron Letters*, 2012, 53(33), p-4389-4392
- DEVI BASABRANI, DOWAAH PALLAVI, UNNI B G, WANN S B, SINGHA IROM MANOJ, SAMANTA RAMAKRISHNA :Characterizations of selected alpha-amylase producing bacterial strains isolated from soil samples of the alluvial plains of Southern Brahmaputra corridor of Assam, *African Journal of*



Biotechnology, 2012, 6(25), p-5335-5343

- SARMAH M, KHARE P, BARUAH B P : Gaseous Emissions During the Coal Mining Activity and Neutralizing Capacity of Ammonium, *Water, Air and Soil Pollution*, 2012, 223 p-4795-4800
- DUTTA M, GOGOI J, SHEKARRAO K, GOSWAMI J, GOGOI S, BORUAH R C : Simple Ultrasound-Assisted Synthesis of 3,4-Dihydropyrimidin-2(1H)-one and 3,4-Dihydropyrimidine-2(1H)-thione-Fused Steroidal Derivatives by a Three-Component Reaction, *Synthesis*, 2012, 44(16), p-2614-2622
- PAL DURBA, DASGUPTA SUMAN, KUNDU RAKESH, MAITRA SUDIPTA, DAS GOBARDHAN, MUKHOPADHYAY SATINATH, RAY SUKANTA, MAJUMDAR SUBEER S, BHATTACHARYA SAMIR : Fetuin-A acts as an endogenous ligand of TLR4 to promote lipid-induced insulin resistance, *Nature Medicine*, 2012, 18(8), p-1279-1285
- BORAH P, SEETHAM NAIDU P, BHUYAN P J : Synthesis of some tetrazole fused pyrido[2,3-c]coumarin derivatives from a one-pot three-component reaction via intramolecular 1,3-dipolar cycloaddition reaction of azide to nitriles, *Tetrahedron Letters*, 2012, 53 p-5034-5037
- GOGOI SHYAMALEE, SHEKARRAO KOMMURI, DUARAH APARAJITA, BORA T C, GOGOI SANJIB, BORUAH R C : A microwave promoted solvent-free approach to steroidal quinolines and their in-vitro evaluation for antimicrobial activities, *Steroids*, 2012, 77(13), p-1438-1445
- SEAL SOMA, CHATTERJEE PRIYAJAT, BHATTACHARYA SUSMITA, PAL DURBA, DASGUPTA SUMAN, KUNDU RAKESH, MUKHERJEE SANDIP, BHATTACHARYA SHELLEY, BHUYAN MANTU, BHATTACHARYA P R, BAISHYA GOKUL, BARUA N C, BARUAH P K, RAO P G, BHATTACHARYA SAMIR : Vapour of volatile oils from *Litsea cubeba* seed induces apoptosis and causes cell cycle arrest in lung cancer, *PLoS ONE*, 2012(16 October 2012), p-1-16
- VATS ARCHANA, SINGH ANIL KUMAR, MUKHERJEE RAJU, CHOPRA TARUN, RAVINDRAN MADHU SUDHAN, MOHANTY DEBASISA, CHATTERJI DIPANKAR, REYRAT JEAN-MARC, GOKHALE RAJESH S : Retrobiosynthetic Approach Delineates the Biosynthetic Pathway and the Structure of the Acyl Chain of Mycobacterial Glycopeptidolipids, *J Biological Chemistry*, 2012, 287 p-30677-30687
- BORAH B J, DUTTA D K : In situ stabilization of Pdo-nanoparticles into the nanopores of modified Montmorillonite: Efficient heterogeneous catalysts for Heck and Sonogashira coupling reactions, *J Molecular Catalysis A-Chemical*, 2013, 366 p-202-209
- TAMULY CHANDAN, HAZARIKA MOUSHUMI, BORAH SARAT CH., DAS M R, BORUAH M P : In-situ biosynthesis of Ag, Au and bimetallic nanoparticles using *Piper pedicellatum* C.DC: Green chemistry approach, *Colloids and Surfaces B: Biointerfaces*, 2013, 102 p-627-634
- SARMAH MRIDUSMITA, BARUAH B P, KHARE PUJA : A comparison between CO₂ capturing capacities of fly ash based composites of MEA/DMA and DEA/DMA, *Fuel Processing Technology*, 2013, 106 p-490-497
- BHUYAN D, SARMA R, PRAJAPATI D : Microwave-assisted efficient synthesis of spiroquinoline derivatives via a catalyst- and solvent-free aza-Diels-Alder reaction, *Tetrahedron Letters*, 2012, 53(47), p-6460-6463
- GOGOI DHRUBAJYOTI, BEZBARUAH R L, BORDOLOI M J, SARMAH RAJEEV, BORA T C : Insights from the docking analysis of biologically active compounds from plant *Litsea* Genus as potential COX-2 inhibitors, *Bioinformation*, 2012, 8(16), p-812-815
- SINGH SALAM PRADEEP, VIVEK SARANGTHEM, BEZBARUAH R L, BAROOAH MADHUMITA : Prediction of the three-dimensional structure of serine/threonine protein kinase pto of *Solanum lycopersicum* by homology modelling, *Bioinformation*, 2012, 8(5), p-212-215
- SINGH SALAM PRADEEP, BEZBARUAH R L, BORA T C : Insilico studies of 2-methylheptyl isonicotinate produced by *Streptomyces* sps. 201 against dihydrodipicolinate synthase enzyme of *Mycobacterium tuberculosis*, *Journal of Biophysical Chemistry*, 2012, 3(3), p-233-237
- BARUAH SANTONU, BARUAH S, KALITAA, BISWAS R, GOGOI N, GAUTAM J L, SANOUJAM M, KAYAL J R : Moment magnitude - local magnitude relationship for the earthquakes of the Shillong-Mikir plateau, Northeastern India Region: a new perspective, *Geomatics, Natural Hazards and Risk*, 2012, 3(4), p-365-375
- BORA D K, BARUAH S : Depth of mid-crustal discontinuity from reflected seismic waves on local



earthquake seismograms recorded at Shillong Plateau, Northeast India, *Geomatics, Natural Hazards and Risk*, 2012, 3(4), p-355-364

- SAIKIA P J, SARMAH P C, RAHMAN A : Study of ultrathin film of gold nanocomposite polyaniline for CO₂ and NH₃ gas sensing properties, *The European Physical Journal Applied Physics*, 2012, 60(1), p-20202-20207
- LI M, ZAN L, PRAJAPATI D, HU W : Rhodium(ii) catalyzed diastereoselective reactions of diazoacetamides with isatins: An efficient approach to 3-hydroxy-3,3'-bioxindoles, *Organic and Biomolecular Chemistry*, 2012, 10(44), p-8808-8813
- RADHAPYARI KEISHAM, KOTOKY P, KHAN RAJU : Detection of anticancer drug tamoxifen using biosensor based on polyaniline probe modified with horseradish peroxidase, *Materials Science and Engineering. C*, 2013, 33(2), p-583-587
- BORA D K, BARUAH S, BISWAS R, GOGOI NABA KUMAR : Estimation of Source Parameters of Local Earthquakes Originated in Shillong / Mikir Plateau and its Adjoining Region of Northeastern India, *Bulletin of the Seismological Society of America*, 2013, 103(1), p-437-446
- TIBREWAL NIDHI, PAHARI PALLAB, WANG GUOJUN, KHAREL M K, MORRIS CALEB, DOWNEY THERESA, HOU YANPENG, BUGNI TIM S, ROHR JUJIRGEN : Baeyer-Villiger C-C Bond Cleavage Reaction in Gilvocarcin and Jadomycin Biosynthesis, *J American Chemical Society*, 2012, 134(44), p-18181-18184
- RAJKHOWA SANCHAYITA, DAS ANURADHA, MAHIUDDIN S, BISWAS RANJIT : Specific Conductivities and Viscosities of 0.1LiNO₃ + 0.9[xCH₃CONH₂+ (1 - x)CO(NH₂)₂] as Functions of Mole Fraction, x, and Temperature, *J Chemical Engineering Data*, 2012, 57 p-3467-3472
- SARMAH M M, SARMA R, PRAJAPATI D, HU W : Efficient synthesis of dihydropyrido[4,3-d]pyrimidines by microwave-promoted three-component aza-Diels-Alder reaction, *Tetrahedron Letters*, 2013, 54(3), p-267-271
- BARRAS ALEXANDRE, DAS M R, DEVARAPALLI RAMI REDDY, SHELKE MANJUSHA V, CORDIER STEPHANE, SZUNERITS SABINE, BOUKHERROUB RABAH : One-pot synthesis of gold nanoparticle/molybdenum cluster/graphene oxide nanocomposite and its photocatalytic activity, *Applied Catalysis B: Environmental*, 2013, 130-131 p-270-276
- SHARMA PONCHAMI, DAS M R : Removal of a cationic dye from aqueous solution using graphene oxide nanosheets : investigation of adsorption parameters, *J Chemical Engineering Data*, 2013, 58 p-151-158
- GOGOI SHYAMALEE, GOGOI SANJIB, BORUAH R C : A Rapid and Convenient Microwave-Promoted Synthesis of 3,5-Disubstituted 2-Chloropyridines and Their Conversion into Tetrazolo[1,5-a]pyridines, *Synthesis*, 2013, 45(2, Art. no. SS-2012-Z0779-OP), p-219-224
- SINGH B, SINGH K, REJESHWAR RAO G, CHIKARA J, KUMAR D, MISHRA D K, SAIKIA S P, PATHRE U V, RAGHUVANSHI NIDHI, RAHI T S, TULI R : Agro-technology of *Jatropha curcas* for diverse environmental conditions in India, *Biomass and Bioenergy*, 2013, 48(January), p-191-202
- MAITYA, KALITAD, KAYAL N, GHOSH J, GOSWAMI T, CHAKRABARTI O, RAO P G : Microstructural and mechanical characterisation of biomorphic SiC ceramics synthesised from coir fibreboard preform, *Materials Science and Engineering A*, 2013, 565 p-72-79
- GOSWAMI P K, GOSWAMI ARADHANA, CHOWDHURY P K, SARMAH A K, GURU KUMAR D, VIJAYALAKSHMI D, SURSH C K, JYOTI T S, MAHESWARI K : Microbial and chemical analysis of rice bran and its components for development of new food products, *Int. Journal of Agri. Food Sci. Tech*, 2012, 3, p-134-137
- SAIKIA B, DEVI T J, BARUA N C : Stereoselective total synthesis of both (6R,9R,10S,7E)- and (6S,9R,10S,7E)-epimers of oxylipin (9R,10S,7E)-6,9,10-trihydroxyoctadec-7-enoic acid, *Tetrahedron*, 2013, 69(9), p-2157-2166
- SAIKIAP J, HAZARIKAA K, BARUAH S D : Iron(III)-mediated ATRP systems of n-docosyl acrylate with AIBN and BPO, *Polymer Bulletin*, 2013, 70(5), p-1483-1498
- DAS M R, SARMA R K, BORAH SARAT CH, KURMI RUPA, SAIKIA RATUL, DESMUKH ASHVINI B, SHELKE MANJUSHA V, SENGUPTA P, SZUNERITS SABINE, BOUKHERROUB RABAH : Synthesis of silver nanoparticles in an aqueous suspension of graphene oxide nanosheets and its antibacterial

- activity, *Colloids and Surfaces B:Biointerfaces*, 2013, 105 p-128-136
- KAKATI D, SARMA K, SAIKIA R, BARUAN C, SARMA J C :Rapid microwave assisted synthesis and antimicrobial bioevaluation of novel steroidal chalcones, *Steroids*, 2013, 78(3), p-321-326
 - TAMULY C, SAIKIA B, HAZARIKA M, BORA J, BORDOLOI M J, SAHU O P : Correlation Between Phenolic, Flavonoid, and Mineral Contents With Antioxidant Activity of Underutilized Vegetables, *International Journal of Vegetable Science*, 2013, 19(1), p-34-44
 - TAYUNG K, SARKAR M, BARUAH P :Endophytic fungi occurring in Ipomoea carnea tissues and their antimicrobial potentials, *Brazilian Archives of Biology and Technology*, 2012, 55(5), p-655-660
 - SARMAH PODMA POLLOV, DUTTA D K : Rhodium(I) carbonyl complexes of quinoline carboxylic acid: Synthesis, reactivity and catalytic carbonylation reaction, *Journal of Molecular Catalysis A: Chemical*, 2013, 372 p-1-5
 - TAMULY C, HAZARIKA MOUSHUMI, DAS M R, BORDOLOI M J : Photocatalytic activity of Au nanoparticles synthesized by Piper pedicellatum C.DC fruits, *Nanoscience and Nanotechnology Letters*, 2013, 5(7), p-758-764
 - SAKIA NABNITA , SARMA JYOTIRMOY, BORAH JAYANTA M, MAHIUDDIN S : Adsorption of 3,4-dihydroxybenzoic acid onto hematite surface in aqueous medium: Importance of position of phenolic -OH groups and understanding of the same using catechol as an auxiliary model, *J Colloid Interface Science*, 2013, 398 p-227-233
 - SAIKIA B, JOYMATI DEVI T, BARUA N C : First total synthesis of Debilisone C, *Organic and Biomolecular Chemistry*, 2013, 11(6), p-905-913
 - SARMAH M M, PRAJAPATI D, HU W : Synthesis of Novel and Complex Tetrahydroquinazolinone and Dihydro-pyrido[2,3-d]pyrimidine Derivatives via a One-Pot [4+2]-Cycloaddition Strategy, *Synlett*, 2013, 24(4), p- 471-474
 - DUTTA M, SAIKIA P, GOGOI S, BORUAH R C :Microwave-promoted and Lewis acid catalysed synthesis of steroidal A- and D-ring fused 4,6-diarylpyridines, *Steroids*, 2013, 78(4), p-387-395
 - SAIKIA P J, SARMAH P C, RAHMAN A : Studies of nanocomposite of Polyaniline with gold nanoparticles and Schottky junction with aluminium for electrical and CO₂ gas sensing properties, *Polymer Science - Series A*, 2013, 55(1), p-48-52
 - SINGH S N, KUMARI B, UPADHYAY S K, MISHRA S, KUMAR D : Bacterial degradation of pyrene in minimal salt medium mediated by catechol dioxygenases: Enzyme purification and molecular size determination, *Bioresource Technology*, 2013, 133 p-293-300
 - BARBARUAH B, CHUTIA M, BORUAH P : Soil hyphomycetes population dynamics in disturbed and undisturbed tropical soils of North-eastern India, *African Journal of Microbiology Research*, 2012, 6(25), p-5344-5352
 - ADEBAYO E A, OLOKE J K, MAJOLAGBE O N, AJANI R A, BORA T C : Antimicrobial and anti-inflammatory potential of polysaccharide from *Pleurotus pulmonarius* LAU 09, *African Journal of Microbiology Research*, 2012, 6(13), p-3315-3323
 - SAIKIA S P, BORA D, GOSWAMI A, MUDOI K D, GOGOI A : A review on the role of *Azospirillum* in the yield improvement of non leguminous crops, *African Journal of Microbiology Research*, 2012, 6(6), p-1085-1102
 - DEVI B, DOWARAH P, UNNI B G, WANN S B, SINGHA I, SAMANTA R : Characterization of selected alpha-amylase producing bacterial strains isolated from soil samples of the alluvial plains of Southern Brahmaputra corridor of Assam, *African Journal of Microbiology Research*, 2012, 6(25), p-5335-5343
 - BORAH ARUN JYOTI, GOSWAMI PROGYASHREE, BARUA N C, PHUKAN PRODEEP : Synthesis of unit-B of cryptophycin-24 via Sharpless asymmetric dihydroxylation transformation. *Tetrahedron Letters*, 2012, 53(52), p-7128-7130
 - BORA P P, BARUAH N, BEZ G, BARUA N C: New method for the Synthesis of Ether derivatives of Artemisinin, *Synthetic Communications*, 2012, 42(8), p-1218-1225
 - SANGEETA DAS, B G UNNI, MINAKSHI BHATTACHARJEE, P G RAO : Toxicological effects of arsenic exposure in a freshwater teleost fish, *Chana punctatus*. *Afr J Biotech*, 2012, 11(19), p-4447-4454



Honour & Recognition

Dr R C Boruah, OS / Acting Director (w.e.f. 1.1.13)

- Reviewed manuscript submitted to J Org Chem (ACS) for publication.
- Nominated as Member of Academic Council of Kaziranga University, Jorhat
- Chief Guest at Alumini Reunion Festival of Railway High School, Mariani, Jorhat on 3.2.13
- Acted as Chairman, Technical Committee of the local organizing Committee and Co-Chairman of Conference of Road and Transfer Technologies for North East (CORTNET) 2013 held at Maniram Dewan Trade Centre, Guwahati during 22-24.2.13
- Acted as Member of Scientific Advisory Committee of the National Seminar NABSET 2013 held at Assam Don Bosco University, Guwahati on 2.3.13
- Acted as Member of Scientific Advisory Committee of the National Seminar on Recent Trend in Chemical Sciences 2013 to be held at Manipur University, Imphal, Manipur on 22-23.3.13

Dr BG Unni, CS

- Honoured with "*Distinguished Sericulture Scientist*" along with Prof. Mrs Keiko Kadono-Okuda, Insect Genome Research Unit, National Institute of Agrobiological Sciences, Japan at the Inaugural function of the ICMS-2012 jointly organized by Institute of Bioresources and Sustainable Development (IBSD), Imphal and Indian Institute of Technology (IIT-Gauhati) sponsored by Department of Biotechnology, Govt of India and held at MFDC Auditorium Imphal Manipur on 5.12.12. The honour was conferred by Shri G.Gaikhangam, Hon'ble Deputy Chief Minister of Manipur at the meeting.
- Nominated to act as a DBT representative (Nominee) in on the Institution Biosafety committee constituted at Tezpur central University, Assam for the session (2012-2015)
- Nominated as Advisor, Institutional Biotech Hub Sponsored by DBT of North Lakhimpur College, North Lakhimpur, Assam
- Ph.D guide (Biological Sciences) University of Science & Technology, Meghalaya,
- Ph.D examiner for Ph.D thesis evaluation (Biological Sciences) of Gandigram Deemed University, Chennai and (Life Sciences) of Dibrugarh University, Dibrugarh
- Nominated to review project proposal from Central Sericultural Germplasm Resource Centre, Central Silk Board, Bangalore, Central Silk Board, Bangalore, DST, Govt of India and Central Sericulture Germplasm, Research Centre, Hosur, Karnataka
- Nominated as Editorial Board Member of British Journal of Applied Sciences and Editorial member of Bioinformatics Journal
- Reviewed research paper for the *British Journal of Applied Science & Technology, Agricultural Research Sciences, International journal of Tropical Biology, African Journal of Biotechnology, Journal of Tropical Agricultural Sciences, African Journal of Pharmacy & Pharmacology, African Journal of Microbiology Research, Journal of Agricultural Biochemistry, Journal of Toxicology & Environmental Sciences, Journal of Toxicological Research, International Journal of Biochemistry Biotechnology, Journal of Toxicological & Environmental chemistry, Journal of Brazilian Archives of Biology & Technology, World Journal of Microbiology & Biotechnology, Journal of Toxicological Environmental Chemistry*

Dr D Prajapati, CS

- Recognised as the PhD thesis examiner of Cochin University of Science & Technology, Kochi, Kerala
- Recognised as the PhD thesis examiner of University of Kerala, Thiruvananthapuram, Kerala

Dr PC Neog, CS

- Elected as president of the Assam Science Writers' Association for 2013-14.
- Elected as President of Jorhat Districts children's Science Congress (NCSC) for 2012.
- Elected as the working president of Assam Science society, Jorhat branch for the year 2012-14.
- Felicitated as a Best Science Disseminator of Jorhat by the Assam Yuba Shatra Parisad, Jorhat District on 14.4.12
- Juri member of Bisonlal Agarwala Environmental state Award Committee 2012.

Dr Pinaki Sengupta, CS

- Member, Editorial Board of “*Minerals & Metallurgical Processing*” published by “Society for Mining, Metallurgical and Exploration, USA since February 2013.

Dr TC Bora, CS

- Nominated as Chairman by Acting Director, IBSD, Imphal to conduct Assessment Promotion of Gr.IV scientists held on 16.2.13 at IBSD, Imphal.
- Nominated as Board of members by Director, CMER&TI for JRF interview at CMER&TI, Lahdoigarh held on 22.7.12 and 18.3.13
- Nominated by Oil India Ltd., Duliajan, as an expert member for recruitment of Senior Research Scientist held during 28-30 July, 2012 at Refinery campus of Oil India Ltd., Guwahati.
- Nominated as Expert Member by VC, AAU, Jorhat to the Biotechnology Board constituted w.e.f January 2013.
- Nominated and attended as Expert member in JRF interview for DBT & DST project at CMER & TI at Lahdoigarh on 22.06.2012.
- Nominated as president of the open Session of the 564th birth anniversary of Srimanta Sankardeva held on 7.10.12 at Pachim Jorhat Play Ground organized by Pachim Jorhat Anchalik 564th Birth Anniversary Celebration committee

Dr Amrit Goswami, CS

- recognized as the Ph.D. thesis examiner by the Osmania University, Hyderabad

Dr BP Baruah, PS

- Chairman in one of the technical sessions in the International Seminar and Workshop Energy, Sustainability and Development, 12-14th October, 2012, at Sibsagar College, Joysagar.
- Certificate for Science Direct Top 25 list of most downloaded articles, Ranked 17th

Dr HB Singh, PS & In-Charge, BL Imphal

- Chief Guest in the inaugural function of 3-day seminar on “Cultivation & conservation of medicinal plants in Manipur” organized by United Meitei Mayek Academy, Imphal sponsored by RVPSP of DST, New Delhi held in Imphal on 3.8.12
- Chief Guest in Annual Meet of Little Angel's School, Imphal held on 10.11.12

Dr HP Dekaboruah, SS

- Recognised as Ph.D. guide by Assam, University, Silchar and Dibrugarh University, Dibrugarh.

Dr AM Das, Sc

- Member of the Editorial Board of *Journal of Marine Natural Products*

Dr B K Saikia, Sc

- Appointed as a one of the Associate Editors of *Revista Ciencias Ambientais* (Journal of Environmental Sciences) published from Brazil.
- Appointed as an Editorial Board member of “*International Journal of Geology, Earth and Environmental Science*” published from CIB Tech, Jaipur, India

Dr Swapnali Hazarika, Sc

- Scientist is recognized as PhD guide of Gauhati University
- recognized as the reviewer of following International journals - *J. Membrane Science, Chemical Engineering J, Separation and Purification Technology, J. Food Engineering, Biochemical Engineering, Desalination, Journal of Chemical Technology, Journal of Applied polymer Science*

Dr Manash R Das, JS

- Member of the Editorial Board of “*Graphene*” an open access journal of Scientific Research Publishing, USA.

Dr Lakshi Saikia, JS

- Member of the Editorial Board of “*Modern Research in Catalysis*” an open access journal of Scientific Research Publishing, USA.



Ms Sangeeta Sharma, JS

- Performed the role of an evaluator of projects in the 20th National Children Science Congress, 2012 held at KV ONGC, Jorhat

Dr AK Bordoloi, PTO

- Recognized as PhD supervisor Under Dibrugarh University, Dibrugarh Assam and USTM University, Shillong.

Dr. Santanu Baruah, CSIR Research Associate

- Awarded the membership of Seismological Society of America (SSA)

COLLOQUIUM

Name	Title	Date
Dr K Balasubramaniam, Director, Non-Ferrous Materials Technology Development Center (NFTDC), Hyderabad	Innovation and Sustainable Development: A Knowledge Integration Approach	20 June, 2012

VISITORS

High level delegation visit to CSIR-NEIST Substation

A high level delegation team of the National Disaster Management Authority, GOI and NEC Secretariat, GOI, consisting of (i) Prof Harsh Gupta, Member, NMDA (ii) Shri PP Srivastava, Member, NEC, Shillong, (iii) Shri Suhel Akhtar, IAS, Principal Secretary, GOvt. of Manipur (iv) Dr Awadesh Kumar, Deputy Director General, Regional Meteorological Centre, Guwahati (v) Shri Kh Shamungou Singh, Director, Manipur Remote Sensing Application Centre, Imphal and other delegates have visited the CSIR-NEIST Substation, Imphal on 19 June, 2012. A meeting was held on various developmental aspects and contributions made by the Centre.

Visit under RMSA programme

Under the Rashtriya Madhyamik Siksha Abhiyan (RMSA) programme in Jorhat district, CSIR-NEIST organized the visit of students from different schools at its Institute during 1-14 May, 2012. During the period, more than 7000 students of secondary school (class IX) along with their teachers visited the Institute. The visit was held at the instance of the Deputy Commissioner, Jorhat, which commenced from 27 April, 2012.

Trainees from Tea Experimental Station

At the request of the Chief Advisory Officer, Tea Experimental Station (TES), Tocklai, CSIR-NEIST organized the visit of 8 trainees at its Institute on 11 July, 2012. The trainees were led by Senior Advisory Officer from TES. The trainees were a part of the tea training programme organized by TES.

Officials from the Nagaland State Science and Technology Council

A team of 35 officials from the Nagaland State Science and Technology Council (NASTEC), Kohima led by Dr Zavei Hiese, Member Secretary, NASTEC, visited CSIR-NEIST on 2 April, 2012. A short introductory meeting with the Director, CSIR-NEIST at Director's Conference hall and a technical discussion at Conference room, Materials Science Division were held.

Gyanjyoti Programme

At the instance of the Deputy Commissioner, Jorhat, and under the Hon'ble Chief Minister's Gyanjyoti Programme, Govt. of Assam, CSIR-NEIST organized the visit of students to the Institute during 29-31 October, 2012. Around 1200 students from the districts of Dibrugarh, Tinsukia, Karbi Anglong, Sivasagar, Sonitpur, Dima-Hasao, Golaghat, Nagaon and Morigaon visited the Institute during the period.

Entrepreneurs from NESSIA, Jorhat

- At the request of the Secretary, North Eastern Small Scale Industries Association (NESSIA), Jorhat, CSIR-NEIST conducted the visit of 39 entrepreneurs of NESSIA along with 2 officials from NESSIA office on 7 September, 2012. The entrepreneurs were trainee participants of the training programme on 'Entrepreneurship Development Programme on Self Employment' conducted by NESSIA.
- At the request of the Secretary, North Eastern Small Scale Industries Association (NESSIA), Jorhat, CSIR-NEIST organized the visit of 25 entrepreneurs of NESSIA at its Institute on 5 October, 2012. The entrepreneurs were trainee participants of a training programme on 'Entrepreneurship Development Programme on Self Employment' conducted by NESSIA, Jorhat.



STUDENT VISITS

School/College/University	Number of students	Date
St. Joseph's Convent H S School, Tezpur	44 students (class X) along with 7 teachers	11 April 2012
MIS, HS, Titabor	66 students	29 May 2012
Gezera High School, Majuli	13 students	29 May 2012
Department of Zoology, Gauhati University	7 M.Sc. students	17 May 2012
Dergaon Kamal Dowerah College, Dergaon	29 students	09 August 2012
Sankardev Seminary (Provincialised), Jorhat	30 students along with 5 teachers	05 July 2012
Gargaon College, Sivasagar	35 students along with 4 teachers	05 September 2012
Bridge of Hope (A child care project of Believer's church), Barpathar, Golaghat	52 students along with 6 teachers	12 October 2012
Pragjyotika English School, Titabar	52 students of class IX along with 3 teachers	12 October 2012
CNB College, Bokakhat	58 students of H.S 2nd year along with 4 teachers	16 October 2012
Tihu College, Tihu, Nalbari	28 students of B.Sc (Major) course along with 3 teachers	17 October 2012
Bakharbengena High School, Sivasagar	61 students of standard 8th to 10th along with 5 teachers	07 November 2012
Mathurapur S S N School, Mathurapur, Shivsagar	27 students of standard IX along with 6 teachers	09 November 2012
Nakachari Hr Secondary School, Nakachari, Jorhat	35 students of along with 6 teachers	27 November 2012
Mangaldai College, Mangaldai	15 students of B.Sc Chemistry (Major) along with 2 teachers	03 December 2012
Deptt of Botany, Cotton College	21 students and 3 teacheres	21 January 2013
North Bengal University, West Bengal	47 M. Sc students along with 4 faculty members	29 January 2013
Kendriya Vidyalaya (RRL), Jorhat	41 students along with 1 teacher	7 February 2013
Nowgong Polytechnic, Nagaon	10 students along with 5 teachers	22 February 2013
Barbaruah Jatiya Vidyalaya, Dibrugarh	41 students along with 8 teachers	26 February 2013
Moran school, Moran	30 students and teachers	05 March 2013
Bhogamukh Adarsha Bidya Mandir, Bhogamukh, Jorhat District	45 students along with 6 teachers	28 March 2013

DATELINE

Date	Event
2 April 2012	A team of 35 officials from the Nagaland State Science and Technology Council (NASTEC), Kohima led by Dr Zavei Hiese, Member Secretary, NASTEC, visited CSIR-NEIST
1-14 May 2012	Under the Rashtriya Madhyamik Siksha Abhiyan (RMSA) programme in Jorhat district, CSIR-NEIST organized the visit of about 7000 students of secondary school (class IX) along with their teachers from different schools at its Institute during.
7 May 2012	The 4 th Institutional Ethics Committee meeting of CSIR-NEIST Jorhat held
8-12 May 2012	Indo-Norwegian workshop organized and conducted at the NEIST-Jorhat
10 May 2012	"Tea Improvement Consortium" was held in CSIR -NEIST
11 May 2012	CSIR-NEIST celebrated the National Technology Day
21 May 2012	CSIR-NEIST observed anti-terrorism day
29-30 May 2012	CSIR-NEIST organized the 1st North East Graduate Congress jointly with the University of Science & Technology, Meghalaya (UST) at the UST premises



10-14 June 2012	The paper "The Effects of Attenuation and Site on the Spectra of Microearthquakes in the Shillong Region of Northeast India" by Rajib Biswas and Saurabh Baruah has been awarded the Best Poster award in the 3 rd International Geo-Hazards Research Symposium (IGRS-2012) during June 10-14, 2012 held in Uttarakhand University, Garhwal, Uttarakhand
19 June 2012	A team from the National Disaster Management Authority, GOI and NEC Secretariat, GOI visited the CSIR-NEIST Substation, Imphal
20 June 2012	Dr K Balasubramaniam, Director, Non-Ferrous Materials Technology Development Center (NFTDC), Hyderabad delivered a talk on Innovation and Sustainable Development: A Knowledge Integration Approach
7-8 August 2012	"Brain Storming Session on Geology & Mining, Coal and Mineral Utilization in NE Region" was organized at NEIST
12-16 August 2012	CSIR-NEIST participated in the International Coir Tech Expo 2012 held at Marine Drive, Kochi, Kerala
15 August 2012	CSIR-NEIST celebrated the country's 66 th Independence Day
16th August 2012	CSIR-NEIST observed the State Mourning Day (Shok Diwas) on
19 August 2012	CSIR-NEIST observed 'Sadbhavana Diwas' on
25-27 August 2012	CSIR-NEIST participated in the Agri Tech India 2012 organized by Media Today Pvt Ltd held at Palace Ground, Gayathri Vihar, Bengaluru.
4 September 2012	CSIR-NEIST Substation, Imphal in collaboration with Manipur Science & Technology Council (MASTEC), Imphal conducted a training program on "Writing Research Papers" at the CSIR-NEIST Substation, Imphal
10-14 September 2012	CSIR-NEIST celebrated Hindi Week
24 September 2012	CSIR-NEIST celebrated the 70th CSIR Foundation Day
26 September 2012	NEIST awarded CSIR Technology Award, 2012 in Business Development & Technology Marketing
29 October to 3 November 2012	CSIR-NEIST observed Vigilance Awareness Week 2012
29-31 October 2012	Under the Hon'ble Chief Minister's Gyanjyoti Programme, Govt. of Assam, CSIR-NEIST organized the visit of around 1200 students from the districts of Dibrugarh, Tinsukia, Karbi Anglong, Sivasagar, Sonitpur, Dima-Hasao, Golaghat, Nagaon and Morigaon to the Institute
6-7 November 2012	A national seminar on "Popularization of Coir technologies in NE States" was organized Jointly by CSIR-NEIST, Jorhat and COIR Board at CSIR-NEIST
27-28 November 2012	Faculty Training and Motivation and Adoption of School and Colleges by CSIR labs
12-14 December 2012	CSIR-NEIST branch laboratory, Itanagar, participated in the Krishi Expo cum Kisan Mela-2012
20 December 2012	CSIR-NEIST organized a special symposium on "Scientific Intervention For Societal Development" at its premises on
26 December 2012	CSIR-NEIST organized a "Way Forward" programme
26 January 2013	CSIR-NEIST obtained First Prize in the Tableau display at Jorhat Court Field organized by District Authority on the occasion of 64th Republic Day Celebration
11 February 2013	An Awareness Programme on "Anti Arthritis" and "Fungi Destruct" two herbal products manufactured at CSIR-NEIST was held in Kolkata in collaboration with Sarada Clinics Private Limited, an authorized distributor for Eastern India
13 February 2013	A one-day Workshop-cum-training programme on "IPR Sensitization in North East Region" was held at its premises
18-21 February 2013	A "Intensive Training Programme on Science Communication" was organized especially for the benefit of students, freelancers and unemployed people of North East India at CSIR-NEIST



22-24 February 2013	CSIR-NEIST organized 3-day conference on Road and Transportation Technologies for North -East Region (CORTNE 2013) at Maniram Dewan Trade Centre, Guwahati jointly with CSIR-Central Road Research Institute, New Delhi in collaboration with Public Works Departments (PWDs) of eight North Eastern States and supported by ERD Foundation, Guwahati; M/s BitChem, Guwahati & FINER, Guwahati
26-28 February 2013	A National Training program on Chemical Informatics in Biological Research was successfully organized at CSIR-NEIST
28 February 2013	CSIR-NEIST celebrated National Science Day 2013
1-8 March 2013	CSIR-NEIST celebrated International Women's Day 2013
18 March 2013	CSIR-NEIST celebrated its 52 nd Foundation Day

PERSONNEL

DIRECTOR (upto 31.12.12)

Dr P G Rao, MTech, PhD, FIChE, FNASc, FAPAS

ACTING DIRECTOR (w.e.f. 01.01.13)

Dr RC Boruah, Outstanding Scientist

DIRECTOR'S SECRETARIAT

S. No.	Name	Designation	Qualification
1	Mr Jeevan Chandra Chetia	PS	BA
2	Ms Purnima Hazarika	Senior Stenographer	BA
3	Mr Proadip Kumar Bordoloi	Driver	
4	Mr Dinaram Baruah	W/Man	
5	Mr Bipin Dutta	Lab Attendant	
6	Mr Mantu Sarmah	Lab Attendant	

AGROTECHNOLOGY

Medicinal, Aromatic & Economic Plant

Dr N C Baruah, Chief Scientist, Area Coordinator

S. No.	Name	Designation	Qualification
1	Dr P R Bhattacharyya	Chief Scientist & Head	MSc, PhD
2	Dr S C Nath	Chief Scientist	MSc, PhD
3	Dr P Baruah	Chief Scientist	MSc, PhD
4	Dr (Ms) Mina Barthakur	Senior Principal Scientist	MSc, PhD
5	Dr B S Bhau	Senior Scientist	MSc, PhD
6	Dr S P Saikia	Scientist	MSc, PhD
7	Dr M Bhuyan	Scientist	MSc, PhD
8	Dr A K Bordoloi	Principal Technical Officer	PhD
9	Ms Jogamaya Hazarika	Senior Technical Officer	BSc
10	Ms PJD Bhuyan	Senior Technical Officer	MSc
11	Dr (Mrs) Kalpataru Dutta	Technical Officer	MSc, PhD
12	Ms Rumi Kotoky	Technical Officer	MSc
13	Mr H Lekhak	Technical Assistant	MSc
14	Mr Sanjoy Kumar Chanda	Technical Assistant	MSc
15	Mr N N Bora	Sr Technician	
16	Mr Nogen Bora	Lab Assistant	
17	Mr Phatik Bora	Lab Assistant	



18	Mr Mahendra Gogoi	Lab Assistant	
19	Mr Baba Saikia	Lab Assistant	
20	Mr Dineswar Saikia	Lab Assistant	
21	Mr Ramu Naik	Lab Assistant	
22	Mr Jiten Ch. Mohrang	Lab Assistant	
23	Mr Deben Kalita	Lab Assistant	
24	Mr Bhola Naik	Lab Assistant	
25	Mr Nomal Dutta	Lab Assistant	
26	Mr Debajit Sharma	Group C (Non technical)	MSc
27	Mr Pradip Kr Das	Group C (Non technical)	
27	Mr Sushil Gayan	Group C (Non technical)	

Floriculture

S. No.	Name	Designation	Qualification
1	Dr Dipul Kalita	Scientist	MSc, Ph,DPGD
2	Mr Suren Bora	Senior Technician	BCom
3	Mr Padmeswar Saikia	LabAssistant	
4	Mr Hiteswar Saikia	Lab Assistant	
5	Mr Naren Saikia	Lab Assistant	
6	Mr Bhogeswar Gogoi	Lab Assistant	
7	Mr Bipul Saikia	Lab Attendant	
8	Mr Lakheswar Hazarika	Lab Attendant	
9	Mr Dimbeswar Dutta	Lab Attendant	
10	Mr Naren Gogoi	Lab Attendant	

BIOLOGICAL SCIENCES

Dr BG Unni, FRES(UK), Chief Scientist, Area Coordinator

Biotechnology

S. No.	Name	Designation	Qualification
1	Dr T C Bora	Chief Scientist & Head	MSc, PhD
2	Dr R L Bezbaruah	Senior Principal Scientist	MSc, PhD
3	Dr S B Wann	Principal Scientist	MSc, PhD
4	Dr H P Dekabaruah	Senior Scientist	MSc, PhD
5	Dr Ratul Saikia	Senior Scientist	MSc, PhD
6	Dr M. Khongsai	Scientist	MSc, PhD
7	Mr A K Sarmah	Principal Technical Officer	BSc
8	Mr A C Kakoty	Technical Officer	BSc
9	Ms Archana Yadav	Technical Officer	MSc
10	Ms Polakshi Bordoloi	Technical Officer	MSc
11	Mr Tapan bora	Group D (Non technical)	

CHEMICAL SCIENCES

Dr RC Boruah, Outstanding Scientist, Area Coordinator

Analytical Chemistry

S. No.	Name	Designation	Qualification
1	Dr Prabhat Katoky	Chief Scientist & Head	MTech, PhD
2	Dr R K Boruah	Chief Scientist	MSc PhD
3	Dr Raju Khan	Scientist	MSc, PhD

4	Dr P J Saikia	Junior Scientist	MSc, PhD
5	Ms L Borah	Principal Technical Officer	MSc
6	Mr O P Sahu	Principal Technical Officer	MSc
7	Mr P C Borah	Senior Technical Officer	BSc
8	Mr P P Khound	Technical Officer	BSc
9	Ms Ankana Phukan	Technical Assistant	MSc
10	Mr D K Phukan	Senior Technician	Dip
11	Mr Chandra Kanta Pathak	Lab. Assistant	
12	Mr Debajit Sharma	Lab. Attendant	

Medicinal Chemistry

S. No.	Name	Designation	Qualification
1	Dr RC Boruah	Outstanding Scientist	MSc, PhD
2	Dr Dipak Prajapati	Chief Scientist & Head	MSc, PhD
3	Dr Pulak J Bhuyan	Principal Scientist	MSc, PhD
4	Dr Pranjal Gogoi	Scientist	MSc, PhD
5	Dr Sanjib Gogoi	Scientist	MSc, PhD
6	Dr Harsha N Borah	Principal Technical Officer	MSc, PhD
7	Mr Kushal Ch Lekhok	Senior Technical Officer	BSc
8	Mr Makhon Bora	Lab Assistant	

Natural Products Chemistry

S. No.	Name	Designation	Qualification
1	Dr N C Barua	Chief Scientist & Head	MSc, PhD
2	Dr P K Chowdhury	Chief Scientist	MSc, PhD
3	Dr J C Sarma	Chief Scientist	MSc, PhD
4	Dr M J Bordoloi	Senior Principal Scientist	MSc, PhD
5	Dr D K Dutta	Senior Scientist	MSc, MPhil, PhD
6	Dr Archana Moni Das	Scientist	MSc, PhD
7	Dr Gokul Baishya	Scientist	MSc, PhD
8	Ms Pritismita Borah	Technical Officer	MSc
9	Mrs Rumi Borah	Group II	BSc, BEd
10	Mr Biren Borah	Group I	
11	Mr Romen saikia	Group D (Non technical)	

Synthetic Organic Chemistry

S. No.	Name	Designation	Qualification
1	Dr Dilip Konwar	Chief Scientist & Head (W.e.f. 01.2.13)	PhD
2	Dr A Goswami	Chief Scientist	PhD
3	Dr Pallab Pahari	Scientist	PhD
4	Mr R N Das	Technical Officer	BSc
5	Mr M J Bora	Technical Assistant	BSc

Petroleum & Natural Gas

S. No.	Name	Designation	Qualification
1	Dr S D Baruah	Chief Scientist & Head	MSc, PhD
2	Dr A Borthakur	Senior Principal Scientist	MSc, PhD
3	Mr A Gautam	Junior Scientist	MSc, MTech
4	Mr N C Laskar	Pr Technical Officer	BSc, AIC



5	Mr A Sarmah	Sr Technical Officer	BSc, AIC
6	Mr R C Bohra	Technical Assistant	MSc
7	Mr L Phukan	Technician	BSc
8	Mr R K Baruah	Lab. Assistant	

ENGINEERING SCIENCES

Chemical Engineering

S.No	Name of the staff	Designation	Qualification
1	Dr P Barkakati	Chief Scientist & Head	BE, MS, PhD
2	Mr N C Gogoi	Senior Principal Scientist	BE
3	Dr (Ms) Aradhana Goswami	Senior Principal Scientist	MSc, PhD
4	Dr (Ms) Swapnali Hazarika	Scientist	MSc, PhD
5	Dr M M Bora	Senior Technical Officer	MSc, PhD
6	Mr S Borthakur	Senior Technical Officer	BSc
7	MrTobiul Hussain Ahmed	T.A	BE
8	Mr Bolen Gogoi	Laboratory Attendant	
9	Mr R C Dutta	Laboratory Attendant	
10	Mr Bolen Gogoi	Group C (Non technical)	

General Engineering

S. No	Name of the staff	Designation	Qualification
1	Mr S C Kalita	Senior Principal Scientist & Head	BE
2	Mr Jayanta J Borah	Principal Scientist	BE
3	Mr Dipankar Neog	Scientist	MTech
4	Mr Basanta Sarma	Senior Technical Officer	Dip
5	Mr Ajay Borkatoky	Senior Technical Officer	BE
6	Mr Ashok Kalita	Technical Assistant	Dip

General Engineering (Workshop)

S.No	Name of the staff	Designation	Qualification
1	Mr Rameshwar Saikia	Senior Technician	
2	Mr Mondip Baruah	Senior Technician	ITI
3	Mr Tuledhar Bora	Technician	ITI
4	Ms Archana Changmai	Technician	
5	Mr Jintu Bora	Technician	ITI

Applied Civil Engineering

S. No.	Name	Designation	Qualification
1	Mr Sanjay Deori	Senior Scientist & Head	BE, MTech
2	Mr Tapas Das	Senior Scientist	BTech, MTech
3	Mr Dipak Basumatari	Scientist	BE, ME
4	Mrs. Anjumoni Bharali	Senior Technical Officer	Dip
5	Mr Nibir Pran Borah	Technical Assistant	BE
6	Mr Rajib Das	Technical Assistant	Dip
7	Mr Mukesh Kr Agarwal	Technical Assistant	BE
8	Ms Ranju Borah	Senior Technician	BA
9	Mr Tileswar Das	Lab Attendant	ITI
10	Mr Prafulla Ch. Kalita	Lab Attendant	

Electronics & Instrumentation

S. No.	Name	Designation	Qualification
1.	Dr P CSarmah	Senior Principal Scientist & Head	PhD
2.	Mr Khirod Buragohain	Scientist	MTech
3.	Mr Panchanan Baruah	Principal Technical Officer	BSc
4.	Mr Nilim Kr. Neog	Senior Technical Officer	BSc
5.	Mr Prasad Hazarika	Senior Technician	
6.	Mr Jagat Borah	Technician	
7.	Mr Chandan Boruah	Technician	
8	Mr Ananda Saikia	Group I	

GEOSCIENCES

Dr R Duarah, MTech, PhD, Chief Scientist, Area Coordinator

S.No	Name of the staff	Designation	Qualification
1	Dr Saurabh Baruah	Senior Principal Scientist & Head	MS, PhD
2	Dr P K Borah	Senior Principal Scientist	MS, PhD
3	Ms Sangeeta Sarma	Junior Scientist	MTech
4	Dr Manoj Kumar Phukan	Junior Scientist	MTech, PhD
5	Mr Bijit Kr Chaudhury	Junior Scientist	MTech
6	Mr Gobin Chandra Borah	Principal Technical Officer	BSc
7	Mr Mukul Borkataky	Principal Technical Officer	MSc
8	Mr K C Deori	Senior Technical Officer	BSc
9	Mr Bharat Buragohain	Technical Officer	BSc
10	Mr Poresh Kalita	Technical Officer	BSc
11	Mr Pabitra Pran Sarma	Technical Officer	BSc
12	Mr Pradip Dutta	Technical Officer	BSc
13	Mr S M Bhattacharya	Technical Assistant	BE
14	Mr Dilip Kr Pathak	Senior Technician	ITI
15	Mr Arup Saikia	Technician	Dip
16	Mr Manoj Das	Lab Assistant	

MATERIALS SCIENCE

Dr Pinaki Sengupta M. Sc., PhD Chief Scientist, Area Coordinator

Materials Science

Sl. no.	Name	Designation	Qualification
1	Dr Pinaki Sengupta	Chief Scientist & Head	PhD
2	Dr Sekh Mahiuddin	Chief Scientist	PhD
3	Dr Dipak Kumar Dutta	Chief Scientist	PhD
4	Dr Rajib Lochan Goswamee	Principal Scientist	PhD
5	Dr (Ms) Pooja JA Rao	Junior Scientist	PhD
6	Dr Manash Ranjan Das	Junior Scientist	PhD
7	Dr Lakshi Saikia	Junior Scientist	PhD
8	Mr Dipok Kumar Bordoloi	Principal Technical Officer	BSc
9	Dr Bibek Jyoti Borah	Technical Assistant	MSc PhD
10	Mr Paran Jyoti Kalita	Technician	BSc
11	Mr Priyam Jyoti Bora	Technician	BSc
12	Mr Moneswar Saikia	Lab. Assistant	
13	Mr Nogen Gogoi	Lab. Assistant	
14	Mr Dulal Sarmah	Lab. Attendant	



Cellulose Pulp & Paper

Sl no.	Name	Designation	Qualification
1	Dr Tridip Goswami	Principal Scientist & Head	PhD, FIC, PG Cert
2	Dr Dipul Kalita	Scientist	PhD, PG Dip
3	Mr Dipanka Dutta	Technical Assistant	MSc
4	Ms Puspa Kumari Das	Technician	HS, Dip
5	Mr Debeshwar Bora	Lab Attendant	
6	Mr Deben Kalita (Jr)	Lab Attendant	

Coal Chemistry

S. No.	Name	Designation	Qualification
1	Dr B P Baruah	Principal Scientist & Head	PhD, FICCE
2	Dr B K Saikia	Scientist	PhD, FIC
3	Dr P Saikia	Scientist	MTech, PhD
4	Mr D K Dutta	Senior Technical Officer	BSc
5	Mr T Das	Technical Assistant	MSc
6	Mr H C Dutta	Senior Technician	HSLC
7	Mr P Handique	Technician	HSSLC
8	Mr A Borah	Technician	ITI
9	Mr P K Borah	Laboratory Assistant	BCom
10	Mr R Borchetia	Group C (Non technical)	
11	Mr B Neog	Group C (Non technical)	
12	Mr D Talukdar	Group C (Non technical)	
13	Mr K Kalita	Group C (Non technical)	
14	Mr B Saikia	Laboratory Attendant	

MANAGEMENT SCIENCES

Dr R C Boruah, Acting Director, Area Coordinator

Human Resource Development

S No.	Name	Designation	Qualification
1.	Dr L Nath,	Chief Scientist & Head	Ph D
2.	Mr J J Mahanta,	Junior Scientist	M Sc
3.	Mr Partha Paul,	Junior Scientist	M Sc, MBA
4.	Ms Kuin Baruah,	Senior Technical Officer	MLIS
5.	Mr Bikul Kalita	Senior Tech	
6.	Mr Boloram Gayan	Lab Attendant	
7.	Mr Ganesh Phukan	Lab Attendant	
8.	Mr Rishi Mahanta	Group C (Non technical)	

Information & Business Development

S No.	Name	Designation	Qualification
1.	Dr R L Bezbaruah	Principal Scientist & Head	M Sc
2.	Ms I Ilika Zhimo	Junior Scientist	B Tech
3.	Dr Dipanwita Banik	Junior Scientist	M Sc, PhD
4.	Ms Pramila Majumdar	Junior Scientist	M Sc, M Phil
5.	Mr Probin Baruah	Principal Technical Officer	BSc
6.	Mr Paresh Saikia	Senior Technical Officer	Dip
7.	Mr NC Patra	PS	
8.	Mr Bipin Ch Das	Lab Assistant	
8.	Mr P Kalita	Lab Attendant	

Planning

S No.	Name	Designation	Qualification
1.	Dr PC Neog	Chief Scientist & Head	MSc, PhD, ACIA(I)
2.	Dr Jatin Kalita	Junior Scientist	MSc, PhD
3.	Ms Kalyani Medhi	Junior Scientist	MSc
4.	Mr M Saikia	Technical Officer	BSc
5.	Mr Atul Gayan	Lab Assistant	

Project Monitoring and Evaluation

S. No.	Name	Designation	Qualification
1	Dr MC Kakati	Chief Scientist & Head	PhD
2	Ms A Sengupta	Senior Principal Scientist	MSc
3	Mr Rajib Deka	Junior Scientist	MCA, MBA
4	Mr Debabrata Das	Junior Scientist	MCA, MBA
5	Mr Bipul Baruah	Non Tech	

INFRASTRUCTURE

Knowledge Resource Centre

S. No.	Name	Designation	Qualification
1	Dr P K Barooah	Senior Technical Officer & In charge	AISc, MLibSc, PhD
2	Mr P Hazarika	Senior Technical Officer	BCom, BLibSc

Information & Computer Technology

S. No.	Name	Designation	Qualification
1	Dr P K Barooah	Senior Technical Officer	AISc, MLibSc, PhD
2	Mr K Buragohain	Scientist	MSc, MTech
3	Mr D Bhattacharjee	TA	BE
4	Mr J Saikia	Technician	Dip

Clinical Centre

S. No.	Name	Designation	Qualification
1	Dr P K Baruah	Principal Technical Officer	MBBS
2	Dr Thaneswar Borah	Senior Technical Officer	MBBS, MD
3	Mr Romesh Bharali	Senior Technical Officer	BSc
4	Mr Bipin Borah	Senior Technician	
5	Ms Minu Prava Pegu	Senior Technician	Cert
6	Mr Suchan Ch Das	Senior Technician	Dip
7	Ms Rinki Kalowar	Technician	AISSCE
8	Mrs Noly Niangmuanching	Technician	GNM
9	Mr Dibyajyoti Ozah	Technician	MSc, MLT
10	Mr Robin Baruah	Lab. Attendant	
11	Mrs Pranpati Basfor	Non Tech	



Electrical

S. No.	Name	Designation	Qualification
1	Mr Dilip Mahanta	Senior Technical Officer	Dip
2	Mr Somenath Borah	Lab. Assistant	
3	Mr Moheswar Ligira	Lab. Assistant	
4	Mr Arun Kolita	Lab. Assistant	
5	Mr Lalit Chutia	Technician	
6	Mr Madhab Borah	Technician	
7	Mr Ananta Baruah	Lab. Attendant	
8	Mr Siba Kanta Borah	H/G	

Glass Blowing

S. No.	Name	Designation	Qualification
1	Mr Chiranjeeb Bora	Technician	

Civil Engineering

S. No.	Name	Designation	Qualification
1.	Vaskar Rajkhowa	Executive Engineer & In-charge	BE, MBA
2.	Mr Kamakhya Puzari	Superintending Engineer	Dip
3.	Mrs Jonali Saikia	Technical Assistant	Dip
4.	Mr M K Das	Technical Assistant	Dip
5.	Mr Nakul Saikia	Technician	BCom
6.	Mr Gurucharan Rahi Das	Laboratory Assistant	
7.	Mr Arun Saikia	Senior Technician	
8.	Mr Mathura Soud	Laboratory Assistant	
9.	Mr Rajendra Nath Bora	Technician	ITI
10.	Mr Rohit Borah	Gr I	
11.	Mr Rakhal Nayak	Laboratory Attendant	
12.	Mr Pradip Ch Saikia	Non Tech	
13.	Mr Krishna Hazarika	Laboratory Assistant	
14.	Mr Nogen Ch Bora (Jr)	Technician	
15.	Mr Rameswar Das	Laboratory Attendant	
16.	Mr Jiten Baruah	Group D (N/T)	

Laboratory Maintenance

S. No.	Name	Designation	Qualification
1.	Mr Rajat Saikia	Group D (N/T)	
2.	Mr Lilaram Gondhia	Laboratory Attendant	
3.	Mr Mohesh Basfore	Sweeper	
4.	Mr Sagar Balmiki	Sweeper	
5.	Ms Panpati Basfore	Sweeper	

EXTENSION CENTERS

Branch Laboratory, Itanagar

S. No.	Name	Designation	Qualification
1	Mr Chandan Tamuly	Scientist In Charge (Scientist)	MSc
2	Mr G K Bayan	Principal Scientist	BE
3	Dr BC Baruah	Sr TO	PhD



4	Mr J Bora	SrTO	MSc
5	Mr Amar Jyoti Gogoi	TA	Dip
6	Mr Moushumi Hazarika	TA	MPhil
7	Mr Prasanta Chutia	Tech II	ITI
8	Mr H P Rai	Tech I	
9	Mr Kago Hinda	Gr D	
10	Mr Tame Rajen	Gr D	
11	Mr Punya Yaro	Gr D (N/T)	
12	Mr Tapi Tacho	Gr D(N/T)	

Branch Laboratory, Imphal

S. No.	Name	Designation	Qualification
1	Dr HB Singh	Principal Scientist (In-charge)	PhD
2	Mr Somananda Thokchom	Technical Assistant	MSc
3	Ms N Abem Devi	Technical Assistant	MSc
4	Ms C Buansing	Technician	BSc
5	Mr K Kumar Singh	Assistant Gr III	
6	Mr S Binudhar Singh	Driver	
7	Mr Kh Ibochou Singh	Gr D (Non-technical)	
8	Mr M Thambou Singh	Lab Attendant	
9	Mr RB Thapa	Lab Attendant	

ISO:9001 SECRETARIAT

S. No.	Name	Designation	Qualification
1	Dr J C S Katakya	Chief Scientist, MR	PhD, International Certification Auditor
2	Mr Amrit Saikia	Senior Stenographer	
3	Mr Nageswar Singh	Lab Attendant	

ADMINISTRATION

S. No.	Name	Designation	Qualification
1	Mr S K Pal	Administrative Officer	B A
2	Mr Prakash Bordoloi	Senior Stenographer	
3	Ms Radhika Chetri	Receptionist	BA, MBA
4	Mr Kiran Saikia	Lab. Attendant	
5	Mr Prodip Hazarika	Lab. Attendant	
6	Ms Minakshi Das	Group D (NonTech)	

Establishment

S. No.	Name	Designation	Qualification
1	Mr Jyotimoy Bhuyan	Section Officer	MSc
2	Mr Santosh Kumar	Assistant-G	BA, MBA
3	Mr Apul Phukan	Assistant-G	
4	Mr B Mahriili Osanah	Assistant	MA
5	Mr Prasanna kr Dutta	Senior Technician	B Com
6	Mr Ranjan Borah	Lab. Attendant	
7	Mrs Hemokanti Kalita	Peon	



General Section

S. No.	Name	Designation	Qualification
1	Mr N C Bora	Private Secretary	B A
2	Mr Promod Goswami	Assistant-G	
3	Mr Prasanta Goswami	Senior Technician	
4	Mr Naba Kumar Dutta	Non/Tech	
5	Ms K Suseela Das	Lab. Assistant	
6	Mr Biren Hazarika	W/Man	

Official Language Section

S. No.	Name	Designation	Qualification
1	Ajay Kumar	Sr Hindi Translator & Incharge	MA
2	Ms Rita Patgiri	Assistant-G	

Recruitment & Assessment Cell

S. No.	Name	Designation	Qualification
1	Mr J L Khongsai	Section Officer	BA
2	Mr Lakheshwar Das	Private Secretary	BA
3	Mr Ajit Chandra Dutta	Assistant	
4	Mr Tulshi Dutta	Senior Technician	
5	Mr Dilip Kr Dutta	Lab. Attendant	

Cash Section

S. No.	Name	Designation	Qualification
1	Mr Dulal Sarmah	Assistant G	
2	Mr Rajani Pachani	W/Man -	

Bill Section

S. No.	Name	Designation	Qualification
1	Mr N C Bora	Private Secretary (SO-Bill)	B A
2	Mr Himen Kumar Borthakur	Assistant-G	B Com
3	Mr Kunja Behari Rabha	Assistant-G	
4	Mr Ishwar Nath Jha	Assistant-G	B A
5	Ms Satya Prova Das	Assistant - G	
6	Mr Nandeswar Das	Assistant-G	
7	Mr Jogadhar Gayan	Senior Technician	
8	Mrs Suchitra Dutta	Peon	

Vigilance

S. No.	Name	Designation	Qualification
1	Mr Jibon Chandra Baruah	Senior Stenographer	
2	Mr Bijoy Sarmah	Non/Tech	MA, LLM

Canteen

S. No.	Name	Designation	Qualification
1	Mr Bhadoria Karmakar	Cook	



2	Mr Amal Chandra Borah	Non/Tech	
3	Mr Narayan Kurmi	Sweeper	
4	Mr Durga Karmakar	Bearer	
5	Mr Bipul Saikia	Bearer	

Finance And Accounts

S. No.	Name	Designation	Qualification
1	Mr Parag Patar	Finance & Accounts Officer	BSc
2	Mr Priyam Mukherjee	Section Officer (F&A)	BCom, MBA
3	Mr Naveen Kumar Sharma	Section Officer	MA, MBA
4	Ms Niroda Bora	Senior Stenographer	
5	Mr Khirud Phukon	Assistant-F&A	BCom
6	Mr Rajat Chandra Tamuly	Assistant-F&A	BCom
7	Mr Prabin Kr Phukan	Assistant-F&A	BCom
8	Mr Probin Saikia	Assistant-F&A	BCom
9	Mr Arun Kr Rajwar	Assistant-F&A	BCom
10	Mr Ajit Goswami	Assistant-G	
11	Mr Rabadhar Gayan	Senior Technician	
12	Mr Biren Borthakur	Lab. Attendant	
13	Mr Arun Bora	Temporary Status	
14	Mr Loknath Baruah	Temporary Status	

Stores And Purchase

S. No.	Name	Designation	Qualification
1	Mr Prashad Chetri	Section Officer	BCom
2	Mr Laljasei Misao	Section Officer	BA
3	Mr Chandra Dhar Dutta	Assistant	
4	Mr Babul Saikia	Assistant-G	
5	Mr Paresh Phukan	Assistant-G	
6	Mr Prafulla Borah	Assistant-G	
7	Mr John Ngaihte	Assistant	MA
8	Mr Pradip Borah	Assistant	
9	Ms Aleya Rahman	Senior Technician	
10	Ms Anjali Hati Baruah	Non/Tech	
11	Mr Krishna Prasad Sarmah	Non/Tech	





Chasa W Boham
Lab Asstt.
30.06.2012



Dimbeswar Subadar
Sr Tech (2)
30.06.2012



Himendra Hazarika
Assistant (G) Gr II
30.06.2012



Rajen Sarmah
STO (1)
30.06.2012



Surendra Nath Kalita
Lab Asstt.
21.06.2012 (CR)



Nogendra Nath Saud
Lab Asstt.
31.07.2012



Romesh Ch. Bora
Sr Tech (2)
31.07.2012



Atul Ch Saikia
Sr Tech (2)
31.07.2012



Someswar Hazarika
STO (2)
31.08.2012



Probin Kumar Sarmah
STO (3)
31.08.2012



Jogen Ch Gogoi
Sr Tech (2)
31.08.2012



Atul Ch Sarmah
Lab Asstt.
30.09.2012



KC Teron
Gr D (NT))
30.09.2012



Surendra Nath Bora
Sr Tech (2)
30.09.2012 (VR)



Chandra Kanta Phukon
Sr Tech (2)
03.10.2012 (VR)



Bimal Ch. Saikia
Sr Principal Sc.
31.10.2012





Ajit Ch. Sarmah
Sr Tech (2)
31.10.2012



Lila Kanta Das
Gr C (NT)
30.11.2012



Dr (Mrs) K Tamuly
PTO (MO)
30.11.2012



Romesh Ch. Bora
Chief Sc.
30.11.2012



Lalit Rai
Sr Steno (MACP)
31.12.2012



Fakira Hella
Gr C (NT)
31.12.2012



Dr P K Goswami
Chief Sc
31.12.2012



Dr P G Rao
Director
31.12.2012



Dr JCS Kotoky
Chief Sc.
31.01.2013



Makhan Ch Borah
Lab Asstt.
31.01.2013



Kamal Kalita
Gr C (NT)
28.02.2013



Hemadhar Saikia
Sc Tech (2)
28.02.2013



Phuleswar Neog
Lab Asstt.
31.03.2013



TUESDAY, JANUARY 1, 2013

'Way Forward' programme at CSIR-NEIST

CORRESPONDENT

JORHAT, Dec 31 - CSIR-NEIST organized a 'Way Forward' programme on December 26 in its premises, where Samir K Brahmachari, DG-CSIR and Secretary and Prof Vani Brahmachari of B R Ambedkar Centre for Biomedical Research, Delhi University were the chief guest and guest of honour respectively.

The programme began with welcome address by Dr R C Boraiah, noted scientist, CSIR-NEIST. Dr P G Rao, Director, CSIR-NEIST highlighted the reason behind organizing the programme. He recapitulated what CSIR-NEIST has done so far, particularly in the decade 2002-2012.

A herbal drug processing unit with manufacturing capacity of 40,000 tubes per day was inaugurated by chief guest Samir K Brahmachari. He also released 'Fungi-Destruct', an anti-fungal herbal formulation

Fungi-Destruct was also released by him.

He also inaugurated a 100 kWp capacity offgrid solar PV power plant appropriately entitled 'Surjumiukh', at NEIST. CSIR-NEIST has added a fully modernized applied microbiology block to its biotechnology wing with all the infrastructure and state of the art facility. The block was inaugurated by guest of honour Prof Vani Brahmachari. The block has a BSL lab of Level II.

Vani Brahmachari also formally released a book entitled *Effective Science Writing* edited by Pramila Majumdar and Bijan Basu and published by CSIR-NEIST, on the occasion. The book was brought out with the objective of helping budding science writers and researchers for effectively popularizing science.

It is speech chief guest Samir Brahmachari appreciated the research work carried out at CSIR-NEIST and said that CSIR-NEIST has justified

development of the North East and its people.

The programme concluded with vote of thanks by Dr N C Barua, Chief Scientist, CSIR-NEIST. This was stated in a press release from CSIR-NEIST.

শিষ্ট বিজ্ঞানী ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি

শিষ্ট বিজ্ঞানী ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে। ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে। ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে।



ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে। ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে। ড° বমেশ চন্দ্র বৰুৱাক চি এছ আই আৰ নিষ্ঠৰ ভাৰপ্রাপ্ত সঞ্চালক নিযুক্তি হৈছে।

STATE NEIST wins third CSIR award in a row

CORRESPONDENT

JORHAT, Oct 3 - The CSIR Technology Award 2012 in the category of Business Development and Technology Marketing has been awarded to CSIR-North East Institute of Science and Technology here for significantly enhancing the business through increased cash flow and commercialisation of technologies/marketing of knowledge-based

the onerous task of developing simple technologies suitable for the micro-scale sector of the industry, which were intended to benefit entrepreneurs as well as the consumers from the rural and urban poor, besides doing high science and develop state-of-the-art technologies. The business de of the institute progressive success of the knowledge l

K Brahmachari, Director General, CSIR and other dignitaries. On behalf of CSIR-NEIST, the award was received by Director Dr PG Rao, the business development group representative duo namely BC Saikia, Principal Scientist and Probin Boruah, Principal Tech-

occasion, a herbal drug for arthritis treatment 'Anti-Arthritis', developed by CSIR-NEIST in collaboration with Visva Bharati University, was released under CSIR-NEIST affordable healthcare by Vayalar Ravi in presence of Prof Samir K Brahmachari. This was stated in a press release

Initiative to boost mushroom cultivation

STAFF REPORTER

GUWAHATI, May 20 - The North-eastern Institute of Science and Technology CSIR-NEIST has allotted a spawn production laboratory to city-based Eco Concept, a non-government organization promoting mushroom cultivation among the marginalized section.

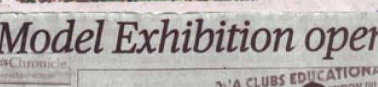
from non-vegetarian foods, mushroom serves as the best alternative because of its high nutritional and caloric constituents," he added. He also highlighted the importance of cultivating mushroom by women of the villages as this does not require much labour if done in the proper way.

Organized by Eco Concept, the training was also graced by Rani Block Development Officer Ananda Kumar Das, who highlighted the success stories of a number of farmers of Assam who had made exemplary profits with humble investment in different agricultural ventures.

Dr AK Bordoloi, Senior Scientist from CSIR-NEIST conducted a day-long training-cum-awareness programme at the training centre of Eco Concept supported by the Rani Development Block.

"I and other women of our self-help group have been able to become financially independent after we started cultivating mushroom and now we are reaping additional benefits by re-lending the money on interest," said Rajita Engti, secretary of Jeati Self-help Group of Maghogra, a village near Gorchuk, and trained by Eco Concept.

Citing the example of Swapan Paul of Hajo, who excelled in flower cultivation and has become an epitome of entrepreneurship and self-driven initiative among his village people, Das urged the participants to take up mushroom cultivation as this provides immense opportunity for self-employment with handsome profits. It needs to be mentioned that Eco Concept has also been provided space for a training centre cum farm yard for demonstration of mushroom cultivation in the block development area premises.



Science Model Exhibition opens

STAFF REPORTER

Science Model Competition and Exhibition held under the two day DNA Clubs Educational Programme concluded at CSIR, North East Institute of Science and Technology (NEIST), Branch Laboratory, Lamphelpat on Friday.



Director of the Directorate of Science and Technology, Old Lambulane, Uttam C Laishram, Principal Scientist of CSIR: NEIST, Branch Laboratory, Lamphelpat, Dr H Birkumar Singh, Chief Scientist of CSIR: NEIST, Jorhat, Assam, Dr BG Unni and Professor of Life Sciences, Manipur University, Prof B Manihar Sharma attended the occasion as chief guest, president and guests of honors respectively.

Speaking at the occasion, Uttam stated that continual interaction and sharing knowledge between the teachers, experts and students has been the essence of DNA educational programs. The students must be enthusiastic and

Muga route to better lives

SMITA BHATTACHARYYA



Jorhat, Jan. 7: The biotechnology and biological sciences department of the CSIR-North East Institute of Science and Technology (NEIST) here will take up an ambitious programme to improve livelihood in the region through sericulture with emphasis on muga silk.

B.G. Unni, chief scientist and area co-ordinator, biotechnology and biological sciences department, NEIST, said one village in each of the seven states in the Northeast and one in Sikkim would be adopted as a model sericulture village after a survey which is under way and a programme launched in collaboration with the Indian Institute of Chemical Technology, Hyderabad, which is also working in this field.

নিষ্ঠ যোৰহাটৰ ৰাষ্ট্ৰীয় প্ৰযুক্তি দিবস উদযাপনৰ আয়োজন

নিষ্ঠ মৈ ৰাষ্ট্ৰীয় প্ৰযুক্তিগত দিবসৰ আয়োজন

পূৰ্বাধি সম্বাদদাতা
জোৰহাট, ১০ মে'। সত্ত্ব-পূৰ্ব বিজ্ঞান প্ৰযুক্তিগত সন্থান (নিষ্ঠ) কে সৌজন্যে সৈ ডা. জেপে বৰুৱা যোগাৰত মৈ ৰাষ্ট্ৰীয় প্ৰযুক্তিগত দিবসৰ আয়োজন কৰা যাব। নিষ্ঠৰ কে সন্থান নিৰ্বাহক ডা. অমলী বৰুৱা কী অধ্যক্ষৰ মৈ আয়োজিত সমাৰ্ণ মৈ নিষ্ঠৰ কে সন্থান নিৰ্বাহক ডা. জী ন্যায়ায়ন মুখ্য অধিষ্ঠিত কে সন্থান মৌৰুৰ খে।

ৰাৰহাট : ৯ মে' : বিগত কেইবাবছৰে এই বছৰো অহা ১১ মে'ত বিহিন মৰ্ফেচীৰে চি এছ আই আৰ উত্তৰ পূব প্ৰজ্ঞান আৰু প্ৰযুক্তি প্ৰতিষ্ঠানৰ ড° এন বৰুৱা প্ৰেক্ষাগৃহত ৰাষ্ট্ৰীয় প্ৰযুক্তি দিবস উদযাপনৰ আয়োজন কৰিছে। পূৰ্বা ১০ জাত অনুষ্ঠিত হ'ব লগা প্ৰযুক্তি দিবস কলি সভাত সভাপতিত্ব কৰিব নিষ্ঠাঞ্চলক ড° পি জি বাৰে। কলকাতা বিশ্বভাৰতী বিশ্ববিদ্যালয়ৰ ইনডা ফেল গবেষণাৰ শৰ্মা ভাট্টাচাৰীয়ে প্ৰযুক্তি দিবস স্তুতা প্ৰদান কৰিব। বক্তৃতা অনুষ্ঠান হাত্ৰ-ছাত্ৰী, শিক্ষক-শিক্ষয়িত্ৰী, আমন্ত্ৰিত্ৰি আৰু বিজ্ঞানী উপস্থিত থাকিব।

মৈ ৰাষ্ট্ৰীয় প্ৰযুক্তিগত দিবসৰ আয়োজন কৰা যাব। নিষ্ঠৰ কে সন্থান নিৰ্বাহক ডা. অমলী বৰুৱা কী অধ্যক্ষৰ মৈ আয়োজিত সমাৰ্ণ মৈ নিষ্ঠৰ কে সন্থান নিৰ্বাহক ডা. জী ন্যায়ায়ন মুখ্য অধিষ্ঠিত কে সন্থান মৌৰুৰ খে।

বক্তৃতা অনুষ্ঠান হাত্ৰ-ছাত্ৰী, শিক্ষক-শিক্ষয়িত্ৰী, আমন্ত্ৰিত্ৰি আৰু বিজ্ঞানী উপস্থিত থাকিব।

ANNUAL REPORT : 2012-2013