



निस्त न्यूज NEIST NEWS

सी एस आई आर-उत्तर पूर्व विज्ञान तथा प्रौद्योगिकी संस्थान, जोरहाट
CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY, JORHAT

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Connecting Science & Technology for a Brighter Tomorrow

CSIR-NEIST SIGN MOU WITH NGO'S FOR IMPLEMENTING CSIR AROMA MISSION



Dr D Ramaiah, Director, CSIR-NEIST handing over the signed MoU to the representative of Rural Herbal Development and Literary Society.



Dr D Ramaiah, Director, CSIR-NEIST exchanging the signed MoU with representatives from Hills Integrated Society, Karbi Anglong.

With an aim to promote cultivation of Medicinal & Aromatic Plants under 'CSIR Aroma and Phytopharmaceutical Mission', CSIR-NEIST signed MoU with two NGOs from Arunachal Pradesh namely 'Bath Multi Purposes Cooperative Society' and 'Rural Herbal Development and Literary Society', Arunachal Pradesh on 8 December 2017. Under the MoU, 140 hectares of land is aimed to be brought under AROMA Mission in various parts of Arunachal Pradesh. CSIR-NEIST also signed MoU with Hills Integrated Society', Karbi Anglong, Assam on 13 February 2018 with an aim to promote cultivation of Medicinal & Aromatic Plants under 'CSIR Aroma and Phytopharmaceutical Mission'. Under the MoU, 180 hectares of area in Karbi Anglong district will be covered under the mission

CSIR-NEIST TRANSFERRED ITS HERBAL ANTI-ARTHRITIS TECHNOLOGY FOR COMMERCIALIZATION



Dr D Ramaiah, Director, CSIR-NEIST handing over the Herbal Anti-Arthritis technology package

CSIR-NEIST transferred its technology on Herbal Anti-Arthritis formulation through NRDC, New Delhi to M/s Naturoveda Organics Pvt.Ltd., Kolkata on 7 March 2018. Mr Md. Ozair, Manufacturing Supervisor, M/s Naturoveda Organics Pvt.Ltd., visited CSIR-NEIST during 6-7 March 2018. Technology demonstration/training was provided to Mr Ozair. A tri-partite MoU was signed between CSIR-NEIST, NRDC and the party for technology transfer after which the technology package was handed over to the party by Dr D Ramaiah, Director, CSIR-NEIST.

STAKEHOLDERS' TRAINING WORKSHOP-CUM-FIELD CONSULTATION MEETING HELD AT CSIR-NEIST BRANCH LAB, IMPHAL

A 3-day program on Stakeholders' training workshop-cum-field consultation meeting under National Mission for Himalayan Studies (NMHS) was held at CSIR-NEIST Branch Laboratory, Imphal, during 1-3 December 2017 under the project "Anthropogenic impact & their management options in the Indian Himalayan region, Imphal river", funded by GBPNIHESD, Ministry of Environment, Forest & Climate Change, Govt. of India. Dr R K Ranjan, Advisor to Hon'ble Chief Minister Manipur



Inauguration of the 3-day meeting by lighting of the lamp by the dignitaries on 1 December 2017.

Dr J C Kuniyal, Head, GBPNIHESD, Kullu Unit; Mr Mahendra Pratap Singh, Chief Conservator of Forest, Govt. of Manipur & Dr H B Singh, Scientist-in-Charge of Branch Laboratory of CSIR-NEIST attended as presidium members. Six talks were delivered on watershed, forest resource, Manipur river system and seasonal dynamic of river water in the technical session from Depts like Loktak Development Authority, Forest Dept, Planning Dept. GBPNIHESD, Kullu. The program was attended by 47 officials and villagers from the Imphal river watershed. A field survey was also conducted in the watershed area of Imphal river.

WORKSHOP ON DESIGN & DEVELOPMENT OF INNOVATIVE LEATHER LIFESTYLE PRODUCTS HELD AT CSIR-NEIST BRANCH LAB, IMPHAL



Inauguration of the one-day workshop on design & development of innovative leather lifestyle products in combination with ethnic textile material and natural fibre of Northeastern part of India.

A one-day workshop on “Design & development of innovative leather lifestyle products in combination with ethnic textile material and natural fibre of northeastern part of India for the self sustainability and socio-economic development of local population and MSME Sector” was held at CSIR-NEIST branch lab, Imphal on 13 December 2017. The program was jointly conducted by CSIR-CLRI, Chennai and CSIR-NEIST branch LAB, imphal under the sponsorship of CSIR, MSME and DST, Govt. of India. Hands-on training on product development was held during the day. A total of 37 women weavers and entrepreneurs attended the program. Dr K Krishnaraj, CSIR-CLRI, Prof N Mohendro Singh, Former member of NE Vision 2020, Dr N Ranjana, Director of Institute of Cooperative Management, Imphal, Shri D Mitra, Deputy Director, MSME Institute, Imphal, Shri Th. Surendranath Singh, Director, Manipur Science & Technology Council and Dr H B Singh, Scientist-in-Charge, branch lab were the presidium members.

CSIR-NEIST ORGANISED 'BENEFICIARY INTERACTION MEET FOR THE WEAVERS TRAINED UNDER CSIR-INTEGRATED SKILL INITIATIVE'

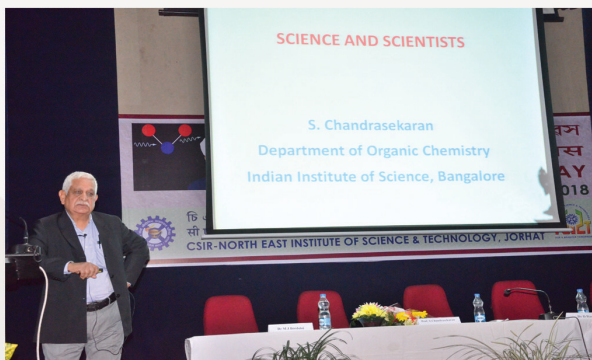


Left: Shri Kamakhya P Tasa, Hon'ble Member of Parliament, Jorhat Constituency speaking on the occasion. Mr Kamkhogin Vaiphei, District Development Manager, NABARD; Mr Seiminthang Haokip, AGM & Branch Head, IDBI Bank, Jorhat and Dr D Ramaiah, Director, CSIR-NEIST are seen seated on the dais (from right). Right: Beneficiaries participating in the interaction meet along with CSIR-NEIST staff members.

CSIR-NEIST organised a Beneficiary Interaction Meet at its premise on 25 January 2018 with a day-long programme under CSIR-Integrated Skill Initiative Programme. The aim of the programme was to provide a platform for discussion on various aspects related to business & marketing of weaving products produced by the beneficiary weavers trained under CSIR-Integrated Skill Initiative implemented by CSIR-NEIST in the region. Shri Kamakhya Prasad Tasa, Hon'ble Member of Parliament, Jorhat Constituency, Mr Seiminthang Haokip, AGM & Branch Head, IDBI Bank, Jorhat and Mr Kamkhogin Vaiphei District Development Manager, NABARD, Jorhat, graced the occasion as Guests of Honour. The programme was attended by large number of CSIR-NEIST staff and weavers trained under CSIR-Integrated Skill Initiatives held at Dr J N Baruah Auditorium. Mr Dipankar Neog, Senior Scientist and Coordinator, Skill Development Programme of CSIR-NEIST, delivered a presentation on the various activities of CSIR-NEIST including the skill development programme. The weaving programme has been running with the help of associated NGO 'SNEHPAD'. Dr D Ramaiah, Director, CSIR-NEIST delivered the welcome address wherein he emphasized on various societal activities of the Institute. Shri Kamakhya Prasad Tasa, Hon'ble MP expressed his appreciation for CSIR-NEIST for its various

societal development activities in the region. He also stressed on the importance of new technologies to be used besides using the old customs and tradition for making weaving products. Mr Kamkhogin Vaiphei, District Development Manager, NABARD in his speech described the role of NABARD in development of agriculture sector and in providing access to funds from different banks to the common people. Mr Seiminthang Haokip, AGM & Branch Head, IDBI Bank, Jorhat in his speech mentioned about the various kinds of loans available for the weaker section of people as well as farmers. During the programme, loans to some sanctioned groups and Jacquard Looms were distributed by the Hon'ble MP to Joint Liability Group (JLG) of the beneficiary weavers. Around 100 weavers, Assistant Director: Handloom and Textile, Govt of Assam, professors of different universities, scientists of different research institute and CSIR-NEIST staff participated in the programme.

CSIR-NEIST CELEBRATED NATIONAL SCIENCE DAY 2018



Left: Prof S Chandrasekaran delivering the National Science Day Lecture. Right: Shri Bedanta P Sharma delivering his address on the occasion.



Dr D Ramaiah, Director, CSIR-NEIST handing over the know-how packages on 'Improved variety of Citronella (Jor Lab C-5)' to Mr Sankar Das, Proprietor, S S Enterprise, Bokajan (top) and design package on 'Essential oil distillation unit' to Mr Raghbir Singh Nagi, Proprietor, Nagi Trade & Industries, Tinsukia (just above) in presence of the technology team members and other dignitaries during National Science Day celebration at CSIR-NEIST on 28.02.2018

Celebrated National Science Day 2018 on 28 February 2018 with a day-long programme at its premise. The Science Day function was held at Dr J N Baruah Auditorium which was presided over by Dr D Ramaiah, Director, CSIR-NEIST. Prof S Chandrasekaran, FASc, FNA, FTWAS and SERB Distinguished Fellow graced the function as Chief Guest while Shri Bedanta P Sharma, Residential Chief Executive (RCE), OIL, Duliajan was present as Guest of Honour. Dr D Ramaiah delivered the welcome address wherein he highlighted the significance of Science Day in India and also briefed some achievements of the Institute in the year 2017 particularly in terms of technologies transferred and commercialized. Delivering the Science Day Lecture on the topic, 'Science and Scientists', Prof Chandrasekaran spoke about how science is pertinent to all sections of the society for the country's overall growth and development. Prof Chandrasekaran in his lecture touched upon several aspects of life of a scientist and his role in the society. He particularly stressed on maintaining effective time management, persistence, ethics, humility and honesty. He also gave useful insights on matters like, how to choose right research projects, choosing right place to work and the difference in doing basic science & applied science. In his address, Shri Bedanta P Sharma spoke about the importance of sustainable development through science & technology applications and mentioned the various initiatives taken by OIL to support Govt. of India programmes like Swachh Bharat, Swastha Bharat, Clean India, etc. under Corporate Social Responsibility (CSR) scheme towards education, sustainable livelihood, skill development and women empowerment especially in rural areas of this region. He also emphasized that R&D Institutions/Academia and Industry should work together for solving societal problems. On the occasion, the Institute also transferred its two technologies viz., 'Improved Variety of Citronella (Jor Lab C-5)' and 'Essential Oil Distillation Unit' to M/s S S Enterprise from Bokajan, Assam and M/s Nagi Trade & Industries, Tinsukia, Assam respectively. The technology packages were handed over to the companies by the Director, CSIR-NEIST during the function. The programme was largely attended by CSIR-NEIST fraternity and invited guests.

CSIR-NEIST CELEBRATED ITS 57TH FOUNDATION DAY

CSIR-NEIST celebrated its 57th Foundation Day on 18 March 2018 with a day-long programme. A special function was held at Dr J N Baruah Auditorium wherein Shri Naveen Verma, IAS, Secretary to Govt. of India, Ministry of Development for North Eastern Region (MDoNER) graced the occasion as Chief Guest and delivered the Foundation Day Lecture. Dr D Ramaiah, Director, CSIR-NEIST welcomed the gathering and expressed gratitude to the founding fathers & past employees of the institute and congratulated all for the Institute's achievements and contributions to the society over the glorious years of its existence. Shri Naveen Verma in his Foundation Day Lecture emphasized on generating need based technologies & solutions which cater to all sections of the society starting from grass root level. Sharing his experience about his visit to CSIR-NEIST, he mentioned the potential of various technologies of the Institute and urged upon establishing tie-ups with NEDFi, Ministry of Development for North Eastern Region (MDoNER) and various state governments to maximize its reach to the society and deliver more. He further informed about the support and association of Ministry of DoNER with CSIR-NEIST for Science & Technology intervention in the North East Region (STINER). He stressed on tapping the immense natural resources of the region for microhydro projects, developing value added products from ginger, aromatic plants, bamboo etc. On the occasion, 'Highlights 2017-18' of CSIR-NEIST was released by the Chief Guest. Further, the employees who retired during March 2017 to February 2018 were felicitated with mementoes. Also, 'Certificates of Appreciation' were awarded to employees for exemplary performance during 2017-18 in different categories. It is worthwhile to mention that the Institute also transferred a technology on 'Bio-organo fertilizer-SUFAL' to M/s Rishika Interior & Developer Pvt.Ltd., Guwahati on the day. Earlier before the function, the Chief Guest inaugurated the 'Centre for Advanced Civil Engineering Research' at CSIR-NEIST premise besides interacting with beneficiaries & entrepreneurs of CSIR-NEIST's technologies at the walk-through products exhibition held in the auditorium premise. As a part of the celebration, the Institute also observed 'Open Day' in the later part of the day wherein students from various schools of Jorhat visited the Institute. It may also be mentioned that during the visit of Shri Naveen Verma to the Institute during 17-18 March 2018 he interacted with CSIR-NEIST's scientists and also visited various divisions of the Institute.



Shri Naveen Verma, IAS, Secretary to Govt. of India, Ministry of Development for North Eastern Region (MDoNER) delivering the Foundation Day Lecture as Chief Guest.



Shri Naveen Verma inaugurating the "Centre for Advanced Civil Engineering Research"



Shri Naveen Verma handing over the Bio-organo fertilizer-SUFAL package and the agreement to Mr Dibyajit Barooh, Managing Director, M/s Rishika Interior & Developer Pvt.Ltd., Guwahati.

CSIR-NEIST CELEBRATED INTERNATIONAL WOMEN'S DAY



Mrs Reba Devi, Executive Director of 'Centre of excellence for Energy Studies' of OIL, Guwahati, delivering the lecture.



Ms Pronita Deka, Chief Manager, HR, Numaligarh Refinery Ltd., Golaghat, delivering the lecture..

The institute celebrated International Women's Day with a well charted out programme at its premises on 8 March 2018. Held at Dr JN Baruah auditorium, the function was presided over by Dr D Ramaiah, Director of CSIR-NEIST, Jorhat, in which Mrs Reba Devi, Executive Director of 'Centre of excellence for Energy Studies' of OIL, Guwahati, graced the occasion as the Chief Guest and delivered the IWD Lecture. In her lecture, Mrs Devi emphasized on awareness programmes required for upliftment of social position of women and also mentioned different schemes available in this regard. Ms Pronita Deka, Chief Manager, HR, Numaligarh Refinery Ltd., Golaghat. Assam attended the programme as Guest of Honour and delivered a talk on Women empowerment addressing particularly the women SHGs. Ms Geetashree Darabdharma, a Research Scholar of CSIR-NEIST, delivered a talk about her

experience on her participation in the Nobel Laureates Meet held in Tokyo, Japan, last year. The programme started with an opening song. Dr Ramaiah, in his presidential address mentioned about the power of women and some significant achievements by women. Dr Purnajyoti Deka Bhuyan, Principal Technical Officer while delivering her welcome address briefly spoke about the struggle of the women for equal right to wages, to caste vote and for rights in the working place and society throughout the globe, citing examples of remarkable achievements of a few lady scientists of in her welcome address. On this occasion, quiz and debate competitions were among the staff of NEIST and prizes and certificates were awarded to the winners in the meeting. In the afternoon, a technical session was also organized, where hands-on training on some CSIR-NEIST technologies were also provided by the Resource Person Dr Tridip Goswami, Principal Scientist, CSIR-NEIST to about 30 participants of different SHGs of Bokakhat, Assam.

INTERACTION CUM AWARENESS PROGRAMME OF CSIR-NEIST'S NEWLY DEVELOPED BIO-FERTILIZER ORGANIZED

An interaction cum awareness programme with entrepreneurs and farmers for popularization of the newly developed bio-fertilizer, OP-12 was organized in association with M/s Amrit Organic, Duliajan on 1 December 2017 at Duliajan. A team of five (5) from CSIR-NEIST attended the program. The team visited the farming area where field application of the Bio-fertilizer on various Rabi crops was carried out by M/s Amrit Organic. Mr Dilip Ch. Talukdar, Proprietor, M/s Amrit Organic, expressed high satisfaction with the performance of the bio-fertilizer. The program was also attended by the Manager, Allahabad Bank, Duliajan Branch. About 100 nos. of farmers attended the program and interacted with the technology team led by Dr Ratul Saikia, Sr Scientist. The team demonstrated the use and various aspects of the OP-12 bio-fertilizer.



The technology team of OP-12 Biofertilizer in the interaction cum awareness program at Duliajan.

CSIR-NEIST BRANCH LAB, IMPHAL ORGANIZED SENSITIZATION WORKSHOP ON MEDICINAL PLANTS AND HOME HERBAL GARDEN D

CSIR-NEIST Branch Laboratory, Imphal organized a one-day sensitization workshop on 'Medicinal plants and home herbal garden' at its premise on 20 January 2018 in collaboration with Directorate of AYUSH, Govt. of Manipur & State AYUSH Society, Manipur. Shri L Jayentakumar Singh, Hon'ble Minister, Health & Family Welfare, Govt. of Manipur; Dr A Guneshwor Sharma, Director, AYUSH, Govt. of Manipur, Dr Y Lukhoi Singh, Member Secretary, AYUSH Society, Manipur & K Devdutta Sharma, Project Officer, MOMA, Govt. of Manipur were some notable personalities present in the program. The programme was attended by 63 farmers & entrepreneurs from Imphal. The programme dealt on the emerging importance of herbal medicine in AYUSH treatment and the various benefits of cultivating & maintaining herbal home garden.



Shri L Jayentakumar Singh, Hon'ble Minister, Health & Family Welfare, Govt. of Manipur delivering his speech on the occasion

CSIR-NEIST BRANCH LAB, ITANAGAR ORGANIZED TRAINING PROGRAMME ON MUSHROOM CULTIVATION

CSIR-NEIST Branch Itanagar organised a training programme on Mushroom cultivation at Pachin colony, Itanagar on 24 February 2018. Dr Budhen Ch Baruah, Senior technical officer, discussed about the medicinal and food value of edible Mushroom which is a rich source of vitamin D. He also mentioned the potential of its organised cultivation on micro, mini and marginal level for self sustenance and stressed on domestic cultivation of known varieties available at branch lab. Hands-on training on preparation of mushroom bags & cultivation method was provided to the trainees. About 25 trainees mostly women from Pachin colony attended the training programme Later, about 40 packets of Mushroom spawn (seeds) were distributed to the participants as an encouragement for trial base cultivation.



Trainees undergoing hands-on training on preparation of Mushroom bags & cultivation method under the guidance of Dr Budhen Ch Baruah, Sr Technical Officer.

CSIR-NEIST BRANCH LAB, ITANAGAR ORGANIZED TRAINING PROGRAMMES ON MUSHROOM CULTIVATION



Left: Student trainees from Alpine Institute of Management Biotechnology, Uttarakhand undergoing hands-on training on preparation of Mushroom bags & cultivation method under the guidance of Dr Budhen Ch Baruah, Sr Technical Officer on 14 March 2018. Right: Trainees from Naharlagun and Itanagar along with staff members of Branch lab.

CSIR-NEIST branch lab, Itanagar organised two training programmes on Mushroom cultivation on 14 & 20 March 2018 at its premise. Dr Budhen Ch Baruah, Senior technical officer, apprised the medicinal and nutritional values of edible Mushroom at the programme. He also mentioned the potential of its organised cultivation on micro, mini and marginal level for income generation & self sustenance and stressed on domestic cultivation of known varieties of mushroom. A practical demonstration on preparation of mushroom bags & cultivation method was extended to the trainees under the supervision of Dr Baruah. A group of 9 Post Graduate students from the college of Bio-medical Science & Hospital, Alpine Institute of Management Biotechnology, Uttarakhand undertook the training held on 14 March while 25 men & women from Naharlagun and Itanagar attended the training programme held on 20 March 2018.

DIRECTOR, CSIR-NEIST DELIVERED NEW YEAR'S ADDRESS TO THE STAFF



Left: Dr D Ramaiah (center), Director, CSIR-NEIST, delivering New Year's Address to the staff. Dr P Sengupta (right), Chief Scientist and Mr Ajay Kumar, (left), Hindi Officer are seen delivering the translated version in Assamese and Hindi respectively. Right: CSIR-NEIST staff members attending the program.

Like every year, this year also, Dr D Ramaiah, Director, CSIR-NEIST addressed the staff members on 1 January 2018 in a programme held in front of Dr J N Baruah auditorium. In his address, Dr Ramaiah made a brief recap of the Institute's performance in the year 2017. He said that the year has been eventful & significant for the Institute, in terms of technology transfer, technology commercialization, projects undertaken, Ph Ds produced, infrastructure development, and societal activities. Seven technologies were transferred to 6 companies from various parts of the country while four technologies have gone into commercialization, he informed. He also highlighted the performance made in paper publications, patents, and external cash flow. With greater challenges and new ambitious projects the Institute has, he encouraged all to gear up and strive for achieving higher goals in the coming times. He acknowledged the collective efforts of all in accomplishing many of the projects particularly in implementing the skill development program in the Institute and setting up of the skill development and banana development centres for the benefit of the region. Declaring the year 2018 as the year of Scientific Development & Care for the Society, he urged everyone to embrace the New Year with renewed vigour & energy and work with utmost dedication in serving the society by providing need-based technological solutions.

CSIR-NEIST CELEBRATED 69TH REPUBLIC DAY

CSIR-NEIST celebrated the 69th Republic Day along with rest of the country on 26 January 2018 with much zeal and enthusiasm. A flag hoisting programme was held in front of the administrative building wherein Dr D Ramaiah, Director, CSIR-NEIST inspected the Guard of Honour and unfurled the National flag. CSIR-NEIST security personnel and students from KV-NEIST took part in the parade, followed by the Director's address. CSIR-NEIST staff members along with their families attended in large number.

Speaking on the occasion, Dr Ramaiah called upon everyone to take the responsibility to protect the sovereignty and integrity of the country and to actively contribute in the growth and development of the nation. As a part of the celebration, replicas of National Flag and sweets were later distributed to the children by Mrs Laxmi Ramaiah. In the later part of the day, various sports activities were held at CSIR-NEIST's play ground.



(Right) Dr D Ramaiah, Director, CSIR-NEIST, inspecting the Guard of Honour on the occasion of Republic Day celebration at CSIR-NEIST. (Left) Dr D Ramaiah delivering his address on the occasion.

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Visit

A group of 837 students and 102 teachers from various schools and colleges of Assam and Nagaland visited the institute under educational schemes.

Farewell

The following member(s) of the staff have retired from Council's service on superannuation from CSIR-NEIST during December 2017 to March 2018.

1. Mr Keshab Chandra Deori, Principal Technical Officer
2. Mr Dilip Mahanta, Sr Technical Officer (3)
3. Mr Robin Ch Bhuyan, Lab Asstt.
4. Mrs Hemakanti Kalita, Group-C (NT)
5. Mr Anujjal Sarmah, Sr Technical Officer
6. Mrs Niroda Bora, Sr Stenographer
7. Mrs Ranju Borah, Sr Technician
8. Mrs Noly Niangmuanching, Nursing Sister
9. Mr Narayan Kurmi, Group C (Non-Technician)
10. Mr Somnath Bora, Lab Assistant
11. Mr Hiteswar Saikia, Lab Assistant
12. Mr Nomal Ch. Dutta, Lab Assistant
13. Mr Nageswar Singh, Lab Attendant
14. Mr Gurucharan Rohidas, Lab Assistant
15. Mr Kiran Saikia, Lab Assistant
16. Mr Paresh Saikia, Principal Technical Officer

Condolence held

The Director and members of the staff of CSIR-NEIST deeply condoled the sad demise of its ex-employees, Shri Boloram Gogoi (who breathed his last on 09.01.2018) and Shri Moheswar Ligira (who breathed his last on 26.01.2018) at condolence meetings held in front of the administrative building on 10 & 30 January 2018 respectively.

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