

**CSIR-North East Institute of Science & Technology, Jorhat**  
*Connecting Science & Technology for a Brighter Tomorrow*

**CSIR-NEIST celebrated its 57<sup>TH</sup> Foundation Day**



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. Other dignitaries present in the dais (L to R), Dr D Ramaiah, Director, CSIR-NEIST and Dr P Sengupta, Chief Scientist & Head- Materials Science & Technology Division.



Release of CSIR-NEIST's 'Highlights 2017-18' by the dignitaries.

CSIR-NEIST celebrated its 57<sup>th</sup> 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 insti-



Shri Naveen Verma inaugurating the "Centre for Advanced Civil Engineering Research" at CSIR-NEIST in presence of Dr D Ramaiah, Director, CSIR-NEIST on 18 March 2018.

tute 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 urged upon all scientists to work in accordance to the aspirations & expectations of common people. He 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 also encouraged that all MSME entrepreneurs of CSIR-NEIST should be attached to NEDFi for accessing its venture fund scheme and effective marketing assistance also be extended. 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. He encouraged the younger generation and the budding scientists to work more closely with users of such technologies to understand their needs and problems. On the occasion, 'Highlights 2017-18' of CSIR-NEIST was released by the Chief Guest. Further, the em-

*Research is to see what everybody else has seen, and to think what nobody else has thought.*

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Shri Naveen Verma interacting with an entrepreneur at the walk-through exhibition of products/technologies of CSIR-NEIST accompanied by Dr Ramaiah, Director, CSIR-NEIST and other staff members on 18 March 2018.

-ployees 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. The technology has been recently developed by the team led by Dr Tridip Goswami, Principal Scientist & Group Leader of Cellulose, Pulp & Paper Group. The agreement and other related documents of the technology were handed over to Mr Dibyajit Barooah, Managing Director of the company by Director, CSIR-NEIST. The meeting ended with vote of thanks by Dr Mantu Bhuyan, Sr Scientist. 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 handing over the Bio-organo fertilizer-SUFAL package and the agreement to Mr Dibyajit Barooah, Managing Director, M/s Rishika Interior & Developer Pvt.Ltd., Guwahati on 18 March 2018 during the Foundation Day programme.

**CSIR-NEIST transferred its Herbal Anti-Arthritis technology for commercialization**



Dr D Ramaiah, Director, CSIR-NEIST handing over the Herbal Anti-Arthritis technology package to Mr Md. Ozair, Manufacturing Supervisor, M/s Naturoveda Organics Pvt.Ltd., Kolkata on 7 March 2018 in presence of the technology team and other staff members.

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. During his visit, technology demonstration/training was provided to Mr Ozair under the supervision of Dr Mantu Bhuyan, Sr Scientist & technology team leader. A tri-partite MoU was signed between CSIR-NEIST, NRDC and the

CSIR-North East Institute of Science & Technology, Jorhat  
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party for technology transfer on 7 March 2018 after which the technology package was handed over to the party by Dr D Ramaiah, Director, CSIR-NEIST.

## CSIR-NEIST branch lab, Itanagar organized training programmes on Mushroom cultivation



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.

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, Branch lab, 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 available at branch lab. 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.



Trainees from Naharlagun and Itanagar along with staff members of Branch lab.

## Papers published

### In International Peer Reviewed Journals

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- Tiwari H P, Kumar R, Bhattacharjee A, Lingam R K, Roy A, Tiwary S: Prediction of operating parameters range for ammonia removal unit in coke making by-products, *Metallurgical Research Technology*, 2018, 115(211), p: 1-8.
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- Mishra D, Khare P, Singh D K, Luqman S, Kumar P V A, Yadav A, Das T, Saikia B K: Retention of antibacterial and antioxidant properties of lemongrass oil loaded on cellulose nanofibre-poly ethylene glycol composite, *Industrial Crops Products*, 2018, 114 p: 68-80.
- Sriramoju S K, Suresh A, Lingam R K, Ray T, Dash P S, Banerjee P K: Optimization of Process Conditions for Leaching of Middling Coal, *International Journal of Coal Preparation and Utilization*, 2018, 38(2), p: 88-97.
- Sriramoju S K, Suresh A, Lingam R K, Dash P S: Mechanism of a Coal Chemical-Leaching Process and Recovery of Spent Chemicals: A Pilot-Scale Study, *Journal of Coal Preparation and Utilization*, 2017, 37(6), p: 293-302

### Farewell

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

1. Mr Paresh Saikia, Principal Technical Officer