

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

Shri Hitendra Nath Goswami, Hon'ble Speaker, Assam Legislative Assembly inaugurated Skill Development Training Centre at CSIR-NEIST, Jorhat



Shri Hitendra Nath Goswami, Hon'ble Speaker, Assam Legislative Assembly inaugurating the Skill Development Training Centre at CSIR-NEIST in presence of the Director, CSIR-NEIST, Dr D Ramaiah and staff members.

Shri Hitendra Nath Goswami, Hon'ble Speaker, Assam Legislative Assembly inaugurated the Skill Development Training Centre at CSIR-NEIST on 8 July 2017 in presence of the Director, CSIR-NEIST, Dr D Ramaiah and staff members. The Centre has been created under the vision of National Skill India Programme and CSIR Skill Development Initiative with an aim to develop skilled human resources in various trades for socio-economic development of the country. At a solemn ceremony held at the centre, Shri Goswami addressed a gathering of invited guests and CSIR-NEIST fraternity. In his address, Shri Goswami appreciated CSIR's initiative for setting up such a centre in this part of the country and extended his best wishes for its future endeavours. He also appreciated the various research developments taking place in the institute and the contribution made by CSIR-NEIST particularly in the areas of health-care and entrepreneurship development through its technologies and processes. He further mentioned that the Government of Assam would like to associate with the Institute for which he would pursue with the Government especially in promoting the



Shri Goswami visiting Technology Demonstration Centre and various divisions of the Institute.

technologies developed by the Institute for the benefit of the state and its people. Earlier Dr D Ramaiah in his welcome remarks briefed about the Centre and appealed for joining hands with the State Government in maximizing its outreach programmes so that the benefits of Science & Technology reach the society at large. It may be mentioned that CSIR-NEIST has completed the basic training for the first batch of trainees in the trades of Plumbing, Fitting, Welding and Weaving in June 2017 with three months of intensive theoretical and practical sessions. It is also worthwhile to mention that earlier on the day, a two-day National Conference on 'Vision 2015: Connecting North East through Open and Distance Learning' jointly organized by IGNOU Regional Centre, Jorhat and CSIR-

If your actions inspire others to dream more, learn more, do more and become more, you are a leader.

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NEIST kicked off wherein Shri Hitendra Nath Goswami graced the Inaugural function as the Chief Guest held at Dr J N Baruah Auditorium, CSIR-NEIST. During the day, Shri Goswami also visited various divisions of the Institute accompanied by the Director and staff members.

CSIR-NEIST transferred Herbal Anti-Arthritis technology for commercialization



Dr D Ramaiah, Director, CSIR-NEIST handing over the Herbal Anti-Arthritis technology package to Mr Devender Khatreja, Production Head (Technical), M/s Ayur Force Organics Pvt.Ltd., New Delhi on 12 June 2017 in presence of the technology team and staff members.

CSIR-NEIST transferred its technology on Herbal Anti-Arthritis formulation to M/s Ayur Force Organics Pvt.Ltd., New Delhi on 12 June 2017 catalyzed by NRDC, New Delhi. Mr Devender Khatreja, Production Head (Technical) from Ayur Force visited CSIR-NEIST during 12-14 June 2017 for undertaking technology demonstration and interaction with the scientists. A tri-partite MoU between CSIR-NEIST, NRDC and Ayur Force was signed on 12 June 2017 followed by handing over of technology package by Director, CSIR-NEIST.

Shri S N Pradhan, Joint Secretary, Min. of DoNER visited CSIR-NEIST

An interactive meeting with Shri Pradhan and the scientists was held at M S Iyengar Hall. The meeting was led by Dr D Ramaiah, Director, CSIR-NEIST. Dr Mantu Bhuyan, Sr Scientist presented

the concept note of 'Science & Technology Intervention in NER (STINER)' mission of CSIR which will be a part of the ambitious project of DoNER Ministry. Shri Pradhan also visited various labs in the Institute and interacted with the scientists/research students.



(From left) Dr D Ramaiah, Director, CSIR-NEIST; Shri S N Pradhan, Joint Secretary, Min. of DoNER and Dr P Sengupta, Chief Scientist during the interactive meeting. Below: Interactive session in progress.



Papers Published

In International Peer Reviewed Journals

- Tripathi A M, Yadav A, Saikia S P, Roy S: Global gene expression pattern in a forest tree species, *Tectona grandis* (Linn. F.), under limited water supply, *Tree Genetics Genomes*, 2017, 13:66 p: 1-12
- Sarma J, Mahiuddin S: Adsorption of substituted benzoic acids onto α -Al₂O₃ surface in mixed-adsorbate mode: 2,4-Dihydroxybenzoic

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- acid, 2,6-dihydroxybenzoic acid and 1,2,4-benzenetricarboxylic acid (trimellitic acid), *Journal of Environmental Chemical Engineering*, 2017, 05(3), p: 2976-2985
- Dihingia A, Kalita J, Manna P: Implication of a novel Gla-containing protein, Gas6 in the pathogenesis of insulin resistance, impaired glucose homeostasis, and inflammation: A review, *Diabetes Research and Clinical Practice*, 2017, 128, p: 74-82
 - Dewanjee S, Joardar S, Bhattacharjee N, Tarun K D, Das S, Kalita J, Manna P: Edible leaf extract of *Ipomoea aquatica* Forssk. (Convolvulaceae) attenuates doxorubicin-induced liver injury via inhibiting oxidative impairment, MAPK activation and intrinsic pathway of apoptosis, *Food and Chemical Toxicology*, 2017, 105 p: 322-336
 - Hussain N, Gogoi P, Das M R, Sengupta P, Fedorov V, Asanov I P, Kozlov M N, Artemkin S: Development of novel efficient 2D nanocomposite catalyst towards the three-component coupling reaction for the synthesis of imidazo[1,2-a] pyridines, *Applied Catalysis A, General*, 2017, 542 p: 368-379 (**Highest IF-4.33922**)
 - Allou N'Guadi B, Bordoloi P, Goswamee R L: Prospects Use of Hybrid Layered Double Hydroxides-Polyacrylamide as Controlled Release Media for Antibiotic Molecules, *Journal of Applied Polymer Science*, 2017, p: 455442
 - Borthakur P, Boruah P K, Hussain N, Silla Y, Das M R: Specific ion effect on the surface properties of Ag/reduced graphene oxide nanocomposite and its influence on photocatalytic efficiency towards azo dye degradation, *Applied Surface Science*, 2017, 423 p: 752-761
 - Das T, Chauhan H, Deka S, Chaudhary S, Boruah R, Saikia B K: Promising carbon nanosheet-based supercapacitor electrode materials from low-grade coals, *Microporous and Mesoporous Materials*, 2017, 253, p: 80-90
 - Hussain N, Gogoi P, Das M R, Sengupta P, Fedorov V E, Asanov I P, Kozlova M N, Artemkina S B: Development of novel efficient 2D nanocomposite catalyst towards the three-component coupling reaction for the synthesis of imidazo[1,2-a]pyridines, *Applied Catalysis, A: General*, 2017, 542, p: 368-379
 - Saikia P, Saikia J, Sarmah S, Allou N'Guadi B, Goswamee R L: Mesoporous oxidic holey nanosheets from Zn-Cr LDH synthesized by soft chemical etching of Cr³⁺ and its application as CO₂ hydrogenation catalyst, *Journal of CO₂ Utilization*, 2017, 21, p: 40-51

Colloquium held

- **Speaker:** Dr Madhu Dikshit, Director, CSIR-CDRI, Lucknow
Topic: Phytopharmaceutical Drug Discovery and Development: CSIR-CDRI Efforts
Date: 12 July 2017

Condolence held

The Director and members of the staff of CSIR-NEIST deeply condoled the sad demise of its ex-employee, Shri Kamal Ch Bharali (who breathed his last on 02.07.2017) at a condolence meeting held in front of the administrative building on 5 July 2017

Farewell

The following members of the staff have retired from Council's service on superannuation from CSIR-NEIST during June-July 2017.

1. Mr Arun Kumar Rajwar, Section Officer (F&A) Officiating
2. Mr Ajit Ch Goswami, Section Officer (G) Officiating
3. Mr Babul Saikia, Assistant (G)