

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

CSIR-NEIST organized Motivational program for school students



(Top) Dr D Ramaiah, Director, CSIR-NEIST addressing the students in the inaugural session. Seated on the dais are (from left) Dr B K Sarmah, Director, DBT centre, AAU-Jorhat and Dr P Sengupta, Chief Scientist, CSIR-NEIST present as Guests of Honour. (Just above) Student participants with their teachers seen with Director, CSIR-NEIST and organizers of the program.

With an objective to motivate students towards basic science, CSIR-NEIST organized a week-long motivational program during 7-12 April, 2016 at its premise. A total of 43 students of class XII (science stream) along with 9 teachers from different schools of Assam, Mizoram and Nagaland attended the program. The program started off with an inaugural program held on 7 April, 2016 presided over by Dr D Ramaiah, Director, CSIR-NEIST. Dr B K Sarmah, Director, DBT Centre, Assam Agricultural University (AAU)- Jorhat and Dr P Sengupta, Chief Scientist, CSIR-NEIST were present as Guests of



Glimpses of the week-long program held.

Honour. The week-long program included popular science talks, hands-on project work by students under the supervision of CSIR-NEIST scientists, Face-to-Face with scientists, elocution competition, visit to places of historical importance in Sivasagar district and visit to AAU. The program concluded with a short Valedictory program held on 12 April, 2016 presided over by Dr D Ramaiah. Certificates were distributed to the participants and winners of elocution competition were awarded with prizes during the program. The program received high appreciation and acknowledgement from the participants. The program was catalyzed and supported by RVSP, DST, Govt. of India.

Honour/Recognition

Dr D Ramaiah, Director, CSIR-NEIST has been appointed as an Editor of Journal of Photochemistry and Photobiology B: Biology with effect from 1 April, 2016. Dr Ramaiah has made important contributions to the general area of chemistry and particularly in the design and study of molecules for biological applications.

Falling down is how we grow. Staying down is how we die.

Brian Vaszily

Some of his significant contributions include synthesis of novel NIR absorbing squaraines, porphyrins, clorins and aza-BODIPY dyes and also demonstration of their potential as sensitizers in photodynamic therapeutical (PDT) applications. He has published more than 100 research papers in peer reviewed international journals with an average impact factor of around 6. He has obtained 21 national and international patents and received around 2500 citations with an H-index of 31. The announcement from Elsevier mentions Dr Ramaiah as the third Editor of the Journal.

Papers published

International Journals

- Sedai P, Kalita D, Deka D: Assessment of the fuel wood of India: A case study based on fuel characteristics of some indigenous species of Arunachal Pradesh, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 2016, 38(7), p: 891-897.
- Pahari P, Saikia U P, Das T P, Damodaran C, Rohr J: Synthesis of Psoralidin derivatives and their anticancer activity: first synthesis of Lespeflorin I1, *Tetrahedron*, 2016, 72(23), p: 3324-3334.
- Saikia B.K, Saikia A, Choudhury R, Xie P, Liu J, Das T, Dekaboruah H P: Elemental geochemistry and mineralogy of coals and associated coal mine overburden from Makum coalfield (Northeast India) (Article), *Environmental Earth Sciences*, 2016, 75(8), p: 660.

National Journals

- Bhau B S, Borah B, Ahmed R, Phukon P, Gogoi B, Sarmah D K, Lal M, Wann S B: Influence of root-knot nematode infesta-

tion on antioxidant enzymes, chlorophyll content and growth in *Pogostemon cablin* (Blanco) Benth., *Indian Journal of Experimental Biology*, 2016, 54 p: 254-261.

Book Chapters

- Wann S B, Borah B, Ahmed R, Gogoi B, Phukon P, Baruah J, Sharma D K, Bhau B S: Isolation, Characterization of Nematode-Controlling Bacteria and Fungi from Nature, In: *Microbial Inoculants in Sustainable Agricultural Productivity Vol.1*, Ed by Singh DP, Singh H B, Prabha R, Springer Pvt. Ltd., 2016 p: 271-295.
- Bhau B S, Sharma D K, Bora M, Gosh S, Puri S, Borah B, Guru K D, Wann S B: Molecular Markers and Crop Improvement, In: *Abiotic Stress Response in Plants*, Ed by Tuteja N, Gill SS, Wiley-VCH, Germany, 2016 p: 379-406.
- Bhau B S, Phukan R, Gogoi B, Borah B, Baruah J, Sharma D K, Wann S B : A Novel Tool of Nanotechnology: Nanoparticle Mediated Control of Nematode Infection in Plants, In: *Microbial Inoculants in Sustainable Agricultural Productivity Vol.2*, Ed by Singh DP, Singh H B, Prabha R, 2016 p: 253-269.

Farewell

The following members of the staff have retired from Council's service on superannuation from CSIR-NEIST on 30 April, 2016.

- Dr Dilip Konwar, Chief Scientist
- Mr Deben Kalita, Lab Assistant