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AN IN -HOUSE MONTHLY COMMUNICATION VOL.3 NO. 7, SEPTEMBER 2017

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

# Day



Dr D Ramaiah (left), Director, CSIR-NEIST and Dr Mukul R Jain, Senior Vice President, Zydus Research Centre, Cadila Healthcare Limited, Ahmedabad & Chief Guest of the programme seen seated on the dais during the programme



Dr Mukul R Jain delivering the 76<sup>th</sup> CSIR Foundation Day Lecture

CSIR-NEIST celebrated the 76<sup>th</sup> Foundation Day of its apex body, Council of Scientific & Industrial Research (CSIR) on 25 September 2017 with a daylong programme at its premise. Having traversed seven and a half decades of its glorious existence, this year's celebration marked the culmination of the year-long Platinum Jubilee celebration of the organization. A special function was held at Dr J N Baruah auditorium in the morning hours wherein Dr Mukul R Jain, Senior Vice President, Zydus Research Centre, Cadila Healthcare Limited, Ahmedabad graced the function as Chief Guest and deliv-

CSIR-NEIST celebrated 76<sup>th</sup> CSIR Foundation ered the Foundation Day Lecture. Dr D Ramaiah, Director, CSIR-NEIST presided over the function. In his welcome address, Dr Ramaiah conveyed his warm greetings & gratitude on the occasion. While briefing some of the significant contributions of CSIR over the years, he urged all to take a pledge to work unitedly with renewed vigour to create a better CSIR for a new and vibrant India. He also mentioned about the association of CSIR-NEIST with Zydus Cadila regarding joint programmes on drug development. Delivering the CSIR Foundation Day Lecture on the topic, 'Should Indian Pharma Industry Change its Generic Mindset? Can India Discover New Drugs?', Dr Jain contemplated deeply on the general psyche and position of our nation particularly in the Pharmaceutical industry in development of novel drugs. He mentioned that although the Indian Pharma Industry is stereotyped as a Generic Industry, it is indeed a global hub for pharmaceutical products which is reflected in the no. of products manufactured. He said that as per current statistics, Indian Pharma Industry shares 2.4% of the global industry in value terms and 10% in quantity terms. The Indian Pharma Industry is valued at 10 billion dollars comprising 70% Generic, 21% OTC (which are also generic in nature) and only 9% patented drugs in the country. Reiterating the potential of the country to innovate and develop new drugs, he highlighted the various growth drivers for Indian Pharma Industry such as skilled manpower, state-of-the-art infrastructure facilities, and policy support from the Govt. Dr Jain further touched upon the evolution of Indian Pharma Sector vis-a-vis Patent scenario and said that the vision of Zydus is to establish itself as a fully research based pharma company by 2020. Dr Jain also spoke in detail the success story of novel Saroglitazar drug developed by Zydus and sold under the brand name, 'Lipaglyn' which has worked effectively against type 2 Diabetes Milletus and Dyslipidemia. Sharing his message on the occasion and in tune with the with the CSIR vision for 2022, he urged everyone to strive for a new India and focus for global scientific impact. On the occasion, CSIR-NEIST publication, 'Annual Report 2016-17' was released by the Chief Guest. Later,

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ST/SC students felicitated on the occasion with Dr D Ramaiah, Director, CSIR-NEIST and Dr Mukul R Jain, Chief Guest of the function.

the employees who retired during September 2016 to August 2017 were felicitated with CSIR Sanman Patras & Mementoes and also those who completed 25 years in Council's service were felicitated with token gifts. Further, certificates and prizes were distributed to the winners of various competitions held under the occasion like Drawing, Essay, Debate and Quiz competitions held among the school students and staff members. It is also to be mentioned that like previous years, this year also, CSIR-NEIST awarded cash prizes to SC/ST students of NE region who secured the highest percentage in class X from various state boards under the 'CSIR scheme of cash award for SC/ST students'. Under this, 3 students who could turn up for the programme, two from Mizoram and one from Meghalava were felicitated. Further. 'CSIR-NEIST Golden Jubilee Scholarship scheme for bright students of NE region' which started in 2013 with an aim to enthuse North East students towards basic science (in UG level) was continued this year also and the scholarship for 2016-17 was awarded to selected 2 meritorious students from Assam who secured at least 70 percentage and belonging from economically weak background. The programme concluded with vote of thanks by Dr P Sengupta, Chief Scientist. The programme was attended by dignitaries, invitees, eminent personalities from in and around Jorhat district, be-

sides CSIR-NEIST fraternity. As a part of the celebration, CSIR-NEIST also observed 'Open Day' during 2.00 pm to 4.00 pm during which students from in and around Jorhat and general public visited the Institute and interacted with scientists. It may be mentioned that, the main CSIR Foundation Day programme was held at New Delhi on 26 September 2017 with the graceful presence of Hon'ble President of India, Shri Ram Nath Kovind; Hon'ble Union Minister of Science & Technology and Earth Sciences, Dr Harsh Vardhan; and Hon'ble Minister of State for Science & Technology and Earth Sciences, Shri Y S Chowdary.

### 23<sup>rd</sup> Dr J N Baruah Memorial Lecture held at CSIR-NEIST



Dr D Ramaiah, Director, CSIR-NEIST delivering welcome address on the occasion. Seated on the dais (from right),

The 23<sup>rd</sup> Dr J N Baruah Memorial Lecture was held at CSIR-NEIST on 1 September 2017 with a special programme at Dr J Baruah auditorium. The programme was jointly organized by Dr J N Baruah Memorial Trust; Assam Science Society (Jorhat branch) and CSIR-NEIST. It is to be mentioned that Dr J N Baruah Memorial Lecture is held annually in the honour and fond memory of Late Dr J N Baruah, Former Director of CSIR-NEIST and also an eminent scientist and educationist from Assam who contributed significantly in science and its popularization among the students. Padmabhushan Dr A V Rama Rao, Founder, Chairman & Managing Director, Avra Laboratories Pvt.Ltd., Hyderabad graced the occasion as Chief Guest and delivered the Me-

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Padmabhushan Dr A V Rama Rao, Founder, Chairman & Managing Director, Avra Laboratories Pvt.Ltd., Hyderabad delivering the  $23^{rd}$  Dr J N Baurah Memorial Lecture on 'Science and its Relevance to Society'.



Dr A V Rama Rao, unveiling the bust of Late Dr J N Baruah in presence of Dr D Ramaiah, Director, CSIR-NEIST and other dignitaries.

-morial Lecture while Dr R S C Jayaraj, Director, Rain Forest Research Institute, Jorhat attended as Guest of Honour. The function was presided over by Dr R C Boruah, Former Outstanding Scientist, CSIR-NEIST & President, Assam Science Society (Jorhat branch). Dr D Ramaiah, Director, CSIR-NEIST delivered the welcome address. Dr R L Bezbaruah, Life Member, Assam Science Society presented a gist of the activities and achievements of Late Dr J N Baruah.

Delivering the Memorial Lecture on 'Science and its Relevance to Society', Dr Rama Rao spoke about his journey as a Scientist, Technologist and Entrepreneur in the field of natural products chem-

istry & drug development. With a rich background in Organic Chemistry, he very lucidly explained some of the complex compounds like Duanomycin, Glucasomine, Vancomycin, Diazepam and AZT (the first HIV drug) and his work in synthesizing these compounds which have directly impacted the Indian drug industry and outside. Dr Rao also spoke about his journey in establishing the Avra Laboratories and the various industrial projects handled by it for synthesis & drug development of Mifepristone, Misoprostol and Camptothecin. He appealed to all and particularly to the younger generation to strive in becoming a leader by nurturing the qualities like confidence, transparency, integrity, passion and zeal to innovate. On the occasion, the bust of Late Dr J N Baruah was unveiled by the Chief Guest, Padmabhushan Dr A V Rama Rao in presence of the Director, CSIR-NEIST, dignitaries from the Assam Science Society (Jorhat branch) and Dr J N Baruah Memorial Trust besides the family members of Late Dr J N Baruah and CSIR-NEIST fraternity. Delivering his speech as Guest of Honour, Dr Jayaraj appealed to all and particularly the Assam Science Society to promote & educate the importance of sustainable use of natural sources and to motivate the teachers to inculcate scientific temperament among the students. Dr Manash Protim Baruah, son of Late Dr J N Baruah in his short speech extended his personal greetings and gratitude to the distinguished speaker for the exemplary lecture on this memorable day.

As a part of the event, this year the Late Dr J N Baruah Student Scholarship was awarded to Mr Partha J Dutta, a student of class XI (science) of Crescent Academy, Jorhat for having secured 83.8% marks in HSLC in 2017. In his Presidential Address, Dr R C Boruah extended his gratitude to the Chief Guest for his exemplary lecture which he said is important for a science oriented society and very much relevant to the significance of the day. He also appreciated the suggestions mentioned by Dr Jayaraj and said that as the President of the Science Society, he would address them soon. The programme concluded with vote of thanks offered by Dr Prasanta Hazarika, Scientist, RFRI & Asst. Secy., Assam Science Society. The programme

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NEIST fraternity, invited guests, dignitaries, members from the Assam Science Society, Dr J N Baruah Memorial Trust and school students.

#### **CSIR Aroma Mission launched at Manipur**



Dr Najma Heptulla, Hon'ble Governor of Manipur, delivering her address on the occasion.



Distribution of Citronella and Lemongrass planting materials to farmers by Dr Najma Heptulla, Hon'ble Governor of Manipur.

CSIR-NEIST launched the CSIR Aroma Mission project in the state of Manipur on 19 September 2017. Dr Najma Heptulla, Hon'ble Governor of Manipur launched the programme in a solemn ceremony held at CSIR-NEIST branch lab., Imphal in the presence of Dr D Ramaiah, Director, CSIR-NEIST and staff members. In her address during the function, Dr Heptulla stressed the importance असमियाँ मूल की हिन्दी कवियित्री एवं लेखिका श्रीमति रेण्

was attended by an august gathering of CSIR-- of biodiversity conservation and extended her help & support for the mission programme in the state. Dr D Ramaiah, Director, CSIR-NEIST presided over the function.

A Memorandum of Understanding (MoU) was signed and exchange between CSIR-NEIST and All Manipur Trained Medicinal & Aromatic Plants Promoters Consortium for implementation of the CSIR Aroma Mission in 500 hectares of land in the state of Manipur and quality planting materials of lemongrass and citronella developed by CSIR-NEIST, Jorhat were distributed to the farmers by the Hon'ble Governor of Manipur. The launching function was also attended by Dr Pinaki Sengupta, Chief Scientist, CSIR-NEIST as guest of hounour and Dr S P Saikia, Principal Investigator, CSIR Aroma Mission. The programme concluded with vote of thanks offered by Dr S P Saikia.

### राजभाषा हिंदी सप्ताह संपन्न

प्रत्येक वर्ष के भांति इस वर्ष भी सीएसआईआर-उत्तर-पूर्व विज्ञान तथा प्रौदयोगिकी संस्थान, जोरहाट ने राजभाषा हिंदी को कार्यालयीन कार्य में उत्तरोत्तर वृद्धि करने के लिए संस्थान में राजभाषा हिंदी सप्ताह का आयोजन किया एवं संस्थान के विशाल सभागार में नगर राजभाषा कार्यान्वयन समिति एवं हिन्दी भाषा के विकास के लिए समर्पित संगठन "पूर्वाशा हिन्दी अकादमी", जोरहाट के संयुक्त तत्वावधान में विभिन्न कार्यक्रमों के साथ 14 सितम्बर को हिंदी दिवस समारोह भव्य रूप से मनाया गया। हिन्दी सप्ताह का शुभारंभ 4 सितम्बर 2017 किया गया। राजभाषा सप्ताह के दौरान प्रतिदिन हिन्दी में कार्य करने के प्रति लगाव बढ़ाने के लिए कई प्रकार के प्रतियोगिताओं का आयोजन किया गया। हिन्दी कार्यशालाएँ आयोजित की गयी। सप्ताह का समापन 14 सितम्बर 2017 को हिन्दी दिवस समारोह के रूप में किया गया। निर्धारित समय के अनुरूप इस कार्यक्रम का शुभारंभ हिन्दी अधिकारी एवं सचिव, नगर राजभाषा कार्यान्वयन समिति श्री अजय कुमार ने भारत सरकार के गृह मंत्री के हिन्दी दिवस संदेश पढ़कर किया। समारोह के मुख्य अतिथि

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संलग्न फोटो : मुख्य अतिथि के रूप में बोलते हुए हिन्दी कवियित्री एवं लेखिका श्रीमति रेणु बरुआ एवं मंचासीन (दायें से) निस्ट, जोरहाट के मुख्य वैज्ञानिक डॉ सुबोध कलिता एवं संस्थान के निदेशक डॉ डी रामाय्या

बरुआ उपस्थित थीं। श्रीमति बरुआ "पूर्वाशा हिन्दी अकादमी", जोरहाट की अध्यक्ष हैं। संस्थान के लिए यह पहला अवसर था जिसमें आम जन मानस में हिन्दी के प्रचार प्रसार से जुड़े गैर सरकारी संगठन "पूर्वाशा" को भी हिन्दी दिवस मनाने के लिए इस मंच पर आमंत्रित किया। संगठन के सक्रिय सदस्यगण कार्यक्रम में उपस्थित थे। इस अवसर पर मुख्य अतिथि ने निस्ट के अधिकारियों एवं कर्मचारियों को हिन्दी में काम करने के लिए प्रोत्साहित किया। असमियाँ एवं हिन्दी भाषा में समरूपता की व्याख्या की। उन्होनें महापुरुष शंकरदेव की • भाषा ब्रजबूली के उल्लेख करते हुए हिन्दी के साथ तालमेल को समझाया। हिन्दी व्याकरण के सामान्य भूल को सुधारने के तरीके की व्याख्या करते हुए सभी का ध्यान केन्द्रित किया। निस्ट के निदेशक डॉ डी रामाय्या ने अपने सम्बोधन में सभी कार्मिकों एवं "पूर्वाशा" के सदस्यों को हिन्दी दिवस की शुभकामना दी एवं कार्यालय में राजभाषा हिन्दी के प्रचार- • प्रसार पर बल दिया। राजभाषा नियम के अनुसरण में संस्थान में राजभाषा हिंदी गतिविधियों एवं स्विधाओं का उल्लेख किया। संस्थान में चल रहे हिन्दी कार्यक्रम का ब्योरा भी प्रस्तुत किया। इस अवसर पर संस्थान के मुख्य वैज्ञानिक श्री स्बोध चन्द्र कलिता ने अपना स्वागत भाषण प्रस्त्त करते

हुए "पूर्वाशा" एवं सदस्यों का आभार व्यक्त किया । हिन्दी के प्रति समर्पण एवं प्रचार प्रसार के क्षेत्र में महत्वपूर्ण योगदान के लिए श्रीमति रूनु बरुआ को निदेशक निस्ट द्वारा सम्मानित किया गया। कार्यक्रम के अंत में पुरस्कार वितरण समारोह का संचालन श्री अजय कुमार, ने किया । उन्होनें संस्थान में 4 से 14 सितम्बर के दौरान आयोजित राजभाषा हिंदी सप्ताह के अंतर्गत विभिन्न प्रकार के हिंदी प्रतियोगिताओं हिंदी श्रुत लेखन, हिंदी प्रश्नोत्तरी के विजेताओं के नामों की घोषणा की और मुख्य अतिथि महोदय के कर कमलों से उन्हें पुरूस्कार एवं प्रमाणपत्र से सम्मानित किया गया। हिंदी शिक्षण योजना भारत सरकार के अंतर्गत प्रबोध/ प्रवीण/प्राज हिंदी भाषा पाठ्यक्रम पास स्टाफ सदस्यों को प्रमाण पत्र प्रदान किया गया।

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