

NECTAR IMPACT

Showcasing Achievements and Innovations

Editorial | From the Editor-in-Chief

The second edition of NECTAR Impact reflects our continued commitment to leveraging science, technology, and innovation for inclusive development across Northeast India and beyond. Over the past quarter, NECTAR has expanded its outreach through impactful interventions in beekeeping, bamboo development, drone technology, organic farming, food processing, and sustainable livelihoods.

A defining milestone was the national event “Transforming Tribal India through Technology and Science” held at Bharat Mandapam, New Delhi, which highlighted the role of science and innovation in empowering tribal communities while preserving their rich cultural heritage. The initiatives showcased reaffirmed the importance of technology as a catalyst for social transformation.

This period also witnessed significant progress through strategic partnerships, capacity-building programmes, infrastructure development, and community-centric interventions. From the inauguration of new facilities and laboratories to skill development programmes for farmers, entrepreneurs, artisans, students, and government officials, NECTAR continues to foster an ecosystem of innovation and opportunity.

Our achievements are made possible through the collective efforts of our partners, stakeholders, beneficiaries, and the dedicated NECTAR family. Together, we remain committed to creating sustainable impact, strengthening local economies, and building a technologically empowered Northeast.

As we move forward, we look ahead with renewed enthusiasm to transform ideas into action and innovation into opportunity.

—Editor-in-Chief
Dr. Arun Kumar Sarma

Cover Story



The Department of Science and Technology (DST), Government of India, through its SEED Division, in collaboration with NECTAR and Swatantrata Senani Lokbandhu Ram Murti Pawsey Nyas, organized the national-level event “Transforming Tribal India through Technology and Science” at Bharat Mandapam, New Delhi, on 12th –13th April 2026.

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Highlights and Initiatives



Buyer-Seller Meet and Honey Marketplace organized at Noida Haat (17th–20th April 2026).

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Honey Testing Laboratory inaugurated at Rajiv Gandhi University, Arunachal Pradesh (8th May 2026).

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East Siang Common Facility Centre inaugurated under PM-DevINE. [Read More](#)



Successful drone spraying demonstration in tea gardens at Dibrugarh [Read More](#)



Inauguration of a Honey Collection cum Processing Centre at RRTC Umran under NECTAR Honey Mission [Read More](#)



Sh. Gavade Sachin Shankar, IFS, MBDA Mission Director visits NECTAR-BCDI Agartala campus, reviews Skill Development initiatives



NECTAR creates Geospatial database of 15,000+ Organic Farmers in NER under PMDevINE Organic project



NECTAR Team Undertakes Leaf-Level Spectra Data Collection Monitoring under Meghalaya Biodiversity Board Project Phase-II



Food Processing Equipment Demonstration Workshop conducted on 22th April 2026. [Read More](#)

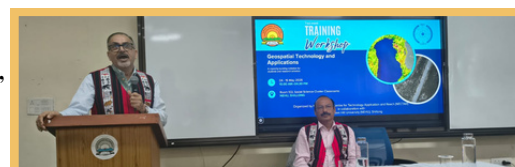
Drone training conducted for Army officials 17 JAT regiment (23rd -29th April 2026).



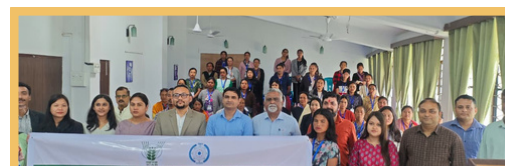
Drone Awareness Workshop organized for NIT Meghalaya students (2nd May 2026).



Geospatial technology workshop conducted by Geology Department, NEHU in collaboration with NECTAR (4th - 15th May 2026). [Read More](#)



Community Seed Bank training organized for farmers under PM-DevINE Organic Project. [Read More](#)



Training programme held in collaboration with District Sericulture Office, Garo Hills. [Read More](#)



Skill enhancement workshop and training organized for artisans of the Asharikandi pottery cluster. [Read More](#)



Workshop on Decarbonising the Cement Sector through LC3 Technology jointly organized by TARA and NECTAR. [Read More](#)



PMKVY 4.0 Semiconductor Training Gains Momentum in Bongaigaon with 1600+ candidates



PM VIKAS Programme Reaches Major Enrollment Milestone with 1088 beneficiaries



NECTAR Showcases Drone Technology at Aviation Outreach Programme, APSC&T



102 DGCA-Certified Pilots Graduate from NECTAR Drone School

Partnership Highlights

NECTAR expanded its institutional collaboration framework through multiple Memoranda of Agreement (MoAs), strengthening implementation capacities across sectors and states.



05.05.2026: MoA signed between NECTAR St. Edmund's College, Shillong.



20.05.2026: MoA signed with Drone Federation India for drone technology promotion.



28.04.2026: MoA signed between NECTAR and Pulung Farmer Producer Company, Arunachal Pradesh.



27.05.2026: MoA signed with India Honey Alliance to strengthen beekeeping in the Northeast.



29.05.2026: MoA signed with Centre for Scientific Outreach, New Delhi

Moments @ NECTAR



22.04.2026: NECTAR represented at ESRI Geo Vision Seminar on hyperspectral data applications.



22.04.2026: World Bank team visited NECTAR-BCDI, Agartala.



25-26.04.2026: SAO, NECTAR attended the 2nd Annual Admin Heads Meeting organized by DST at Raman Research Institute



11.05.2026: NECTAR celebrates National Technology Day 2026 with student engagement programmes.



18.05.2026: DG NECTAR Highlights Northeast's Potential for Carbon Credit Promotion at National Workshop



16.06.2026: DG NECTAR chairing the session on bio energy and green energy in north east India at the North East India Infrastructure Summit and Exhibition 2026



17.06.2026: NECTAR Organizes Hindi Workshop on Noting and Drafting to Promote Official Use of Hindi



19.06.2026: International Yoga Day observed at NECTAR headquarters, under the theme "Yoga for Healthy Ageing."

NECTAR Family – Achievements

NECTAR's honey team successfully protected a bee colony from an ant attack, reflecting their growing expertise in scientific hive management and apiculture support.



Interviews from the North East

In Conversation with Professor Amarendra Kumar Das, Pro Vice-Chancellor, Tezpur University



In this second edition of NECTAR Impact, we are honored to feature a conversation with Professor Professor Amarendra Kumar Das, Pro VC, Tezpur University, a distinguished academic and innovation leader dedicated to advancing research, entrepreneurship, and sustainable development in the North Eastern Region.

1. Could you briefly share your academic and professional journey?

Answer: I began my career in Textile Technology after graduating from Anna University, worked in industry, and later joined academia. My interest in social-sector innovation led me to pursue an MBA, a Master of Design from IIT Bombay, and a Ph.D. from IIT Guwahati. Over the years, I have focused on technology-driven solutions for community development, including the successful Diphahan tricycle rickshaw project.

2. What are your key priorities and vision for Tezpur University?

Answer: My priority is to strengthen academic excellence, quality research, innovation, and financial sustainability. I envision Tezpur University evolving into a leading research-driven institution that addresses national and regional challenges through interdisciplinary research, technology commercialization, entrepreneurship, and skill development. Plans are underway for a research park and expanded training facilities in sectors such as agriculture, horticulture, food processing, and construction management.

3. How can universities contribute to the development of the North East?

Answer: Universities must align education and research with regional needs. The North East offers immense opportunities in biodiversity, medicinal plants, orchids, sustainable agriculture, disaster management, food processing, and natural resource conservation. Academic institutions should support innovation, technology transfer, entrepreneurship, and community-based skill development to create meaningful socio-economic impact.

4. What role can technology, innovation, and indigenous knowledge play in regional growth?

Answer: Technology-driven solutions such as precision agriculture, drones, water management systems, and renewable energy can significantly improve productivity and climate resilience. Equally important is the preservation and scientific validation of indigenous knowledge, which offers locally relevant and sustainable solutions. Integrating traditional wisdom with modern science can create powerful models for development.

5. How do you view collaboration with organizations like NECTAR?

Answer: NECTAR serves as an important bridge between laboratory research and field implementation. While universities generate knowledge and technologies, organizations like NECTAR help translate these innovations into practical solutions, ensuring wider outreach and societal benefits. Such partnerships are essential for accelerating development in the region.

6. What steps are being taken to promote entrepreneurship and skill development?

Answer: Tezpur University is actively supporting startup incubation, village-based entrepreneurship, bamboo and food-processing enterprises, and industry-linked skill development programmes. We are also expanding opportunities in civil services preparation, foreign language learning, and innovation-led training to enhance employability and self-employment.

7. What message would you like to give to the youth of the North East?

Answer: North Eastern Region is God gifted. The region was historically self reliant in most of the aspects from known historical times. However, as urbanisation is taking place, youths of the region is becoming more aspirant for government jobs. This aspiration has to change and look for self employment through rural entrepreneurship, tourism, hospitality as well as in the health sector where our nursing manpower is reputed all over the country.

8. What role should academia play in shaping the future?

Answer: Academia must act as a catalyst for change by generating knowledge, guiding evidence-based policymaking, and preparing society to address emerging challenges. Universities should serve as centres of innovation, research, and social transformation, contributing to inclusive and sustainable development.

As we present this edition, we extend our sincere gratitude to Prof. A.K Das for taking the time to share his thoughts and vision, inspiring the next generation of innovators and change-makers in the North East



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