



ICAR-IARI, ASSAM NEWSLETTER

Volume 3 Issue 2
April-June 2026

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From the Director's Desk



It gives me immense pleasure to present the April-June 2026 issue (Volume 3, Issue 2) of the ICAR-IARI, Assam Newsletter, capturing a quarter marked by momentous institutional growth, infrastructure expansion, research consolidation, and impactful outreach across the North Eastern Region.

This period was highlighted by the observance of our 10th Foundation Day on 26th May 2026 and the inauguration of vital infrastructure facilities by Dr. M. L. Jat, Secretary, DARE and Director General, ICAR. The newly commissioned Kulsi Girls' Hostel, Nilachal Boys' Hostel, Sports Complex, Farm Mechanization Hub with 70+ agricultural tools and

machines, Farm Ponds significantly strengthen our academic, residential, and research capabilities. Furthermore, the launch of our official institute website (<https://iaria.org.in>) on 27th May 2026 marks an important step toward expanding our digital presence and stakeholder communication. Our research agenda received significant momentum during the 4th Institute Research Council (IRC) meeting held on 24-25th May 2026, where over 30 research projects addressing climate resilience agriculture, natural resource management, crop improvement, horticulture, livestock, and fisheries were thoroughly reviewed. In addition, several key research facilities and technological tools were established, including an Integrated Fish Farm Unit (with release of carp seed), an Automatic Weather Station having capacity of recording 14 key weather parameters, and the open-access "PbAT: Plant Breeding Analytical Tools v1.0.5" software platform developed to support data-driven decision-making in crop improvement.

Outreach and community engagement remained at the core of our mandate. Under the month-long nationwide "Khet Bachao Abhiyan" conducted during June 2026, seven teams of scientists under the "Mera Gaon Mera Gaurav" (MGMG) programme visited 49 villages across Dhemaji and North Lakhimpur districts, directly interacting with 1,042 farmers to promote soil health, balanced fertilization, and sustainable farming practices. Field days on mechanized rice transplanting, training on scientific mushroom cultivation, and active participation in the 23rd PM-KISAN Samman Nidhi Utsav further reinforced our grassroots connections. Academic development achieved a historic milestone with the Graduation-cum-Farewell Day celebrated on 25th June 2026 for the pioneer batch of 59 B.Sc. (Hons.) Agriculture students, who successfully completed their degree programme. Experiential learning was further broadened through an All-India Study Tour covering key agricultural and fisheries research institutes in Odisha, an educational visit to Ziro Valley in Arunachal Pradesh, and environmental stewardship initiatives under the NSS.

I place on record my sincere appreciation to our scientists, administrative and technical staff, students, farmers, and collaborating institutions for their teamwork and dedication. With sustained effort and collective commitment, ICAR-IARI, Assam will continue to play a pivotal role in shaping a resilient, inclusive, and sustainable agricultural future for Northeast India.

Dr. Ch. Srinivasa Rao
Director

ICAR-Indian Agricultural Research Institute, Assam



HIGHLIGHTS

Key Infrastructure and Facilities Inaugurated at ICAR-IARI, Assam

ICAR-Indian Agricultural Research Institute (IARI), Assam marked another important milestone in its institutional development with the inauguration of several key infrastructure and research facilities on 26th May 2026. The facilities were inaugurated by Dr. M. L. Jat, Secretary, DARE and Director General, ICAR, in the presence of Shri Gyandendra Tripathy, IAS, Additional Secretary, DARE and Secretary, ICAR; Dr. D. K. Yadava, Deputy Director General (Crop Science), ICAR; and Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam.

The newly commissioned facilities include the Kulsi Girls' Hostel, Nilachal Boys' Hostel, Sports Complex, Farm Mechanization Hub with 70+ agricultural tools and machines, and Farm Ponds.

The new hostels will provide improved residential facilities and a more conducive living environment for students, while the Sports Complex will promote physical fitness, recreation and overall student well-being. The newly developed Farm Ponds will support field-based research and sustainable agricultural activities, providing an important resource for research on water management and integrated farming systems. Together, these facilities strengthen the Institute's academic, research and student-support infrastructure and contribute to building the institutional foundation required for the future growth and expansion of ICAR-IARI, Assam in the North Eastern Region.

ICAR-IARI, Assam Celebrates 10th Foundation Day

ICAR-Indian Agricultural Research Institute (IARI), Assam, Gogamukh, Dhemaji, observed its 10th Foundation Day on 26th May 2026. The event was attended by scientists, officials, students, and farmers. Shri Gyandendra Tripathy, IAS, Additional Secretary, DARE and Secretary, ICAR, attended as the Chief Guest, accompanied by Shri Rajendra Prasad, Executive Director and Head, Subansiri Lower Hydroelectric Project, and Shri Rajeeb Sonowal, Additional District Commissioner, Dhemaji. Shri Tripathy acknowledged the institute's work in agricultural research, technology dissemination, and capacity building in the Northeastern Region, noting the role of secondary agriculture and agri-





based enterprises in regional development. Dr. Ch. Srinivasa Rao presented the institute's objectives for agricultural development in Northeast India, detailing focus areas such as the value addition of Kazi Nemu and pineapple, green leaf manuring, soil and water conservation, biofortified rice development, farm mechanization, and integrated farming systems. The event concluded with an award ceremony recognizing the work of scientists, staff, students, farmers, and collaborating institutions.

Fourth Institute Research Council (IRC)

The 4th Institute Research Council (IRC) Meeting of ICAR-IARI Assam was held successfully during 24-25th May, 2026 at IARI Assam under the chairmanship of Dr. Ch. Srinivasa Rao, Hon'ble Director, ICAR-IARI. The meeting served as an important platform for reviewing and strengthening the research agenda of the institute in alignment with the agricultural and allied developmental priorities of North East India. During the two-



day meeting, more than 30 ongoing, completed, and newly proposed research projects were discussed in detail. The projects addressed several critical thematic areas including climate-resilient agriculture, natural resource management, crop improvement, horticulture, livestock and fisheries development, livelihood diversification, agri-entrepreneurship, and sustainable farming systems relevant to the North Eastern Region. The meeting concluded with constructive recommendations for strengthening region-specific research, interdisciplinary collaboration, and technology-led agricultural development for the North East region. Dr. Viswanathan Chinnusamy, Hon'ble Joint Director (Research), ICAR-IARI, served as the Co-Chairman and Dr. Arpan Bhowmik served as the Member Secretary during the 4th IRC.

Integrated Fish Farm Unit Initiated at ICAR-IARI, Assam

ICAR-IARI, Assam initiated the development of an Integrated Fish Farm Unit with the release of carp seeds into the newly developed fish ponds by Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, on 25th May 2026. The initiative was coordinated





by Dr. Deepjyoti Baruah and was attended by Heads of Divisions, scientists, administrative officers and staff of the Institute. The initiative marks an important step towards developing integrated aquaculture facilities at the Institute. Along with fish production, the aquatic resources are being developed for recreational and ecological purposes, with fruit-bearing plants also planted along the pond banks to promote a green and sustainable campus environment.

Automatic Weather Station Strengthens Weather-Based Agricultural Research at ICAR-IARI, Assam

An Automatic Weather Station (AWS) was inaugurated at ICAR-IARI, Assam on 26th May 2026 by Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam. The initiative was coordinated by Dr. Sunny Arya and his team. The operational AWS continuously records 14 key weather parameters, including rainfall, temperature, relative humidity, soil moisture, soil temperature, wind speed and direction, sunshine hours and air pressure. The real-time weather data will support weather-based advisories, crop monitoring, resource management, climate-resilient agricultural research and improved



farm-level decision-making in the region.

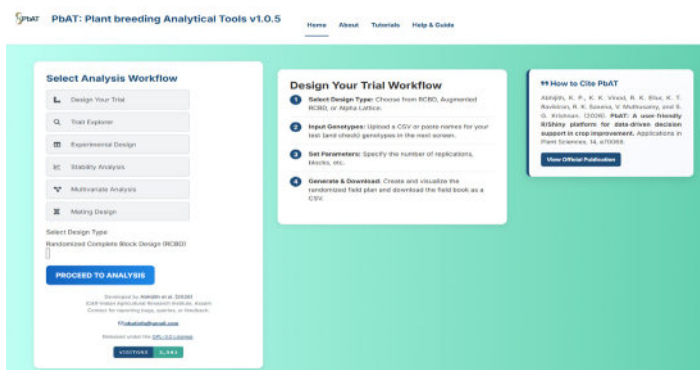
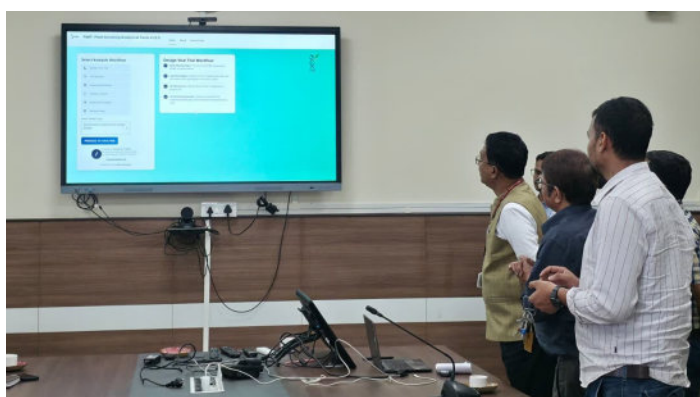
Farm Mechanization Hub Established to Advance Mechanized Agriculture in Northeast India

To address the unique agricultural challenges of the North Eastern Region, including undulating topography, fragmented landholdings and high rainfall, ICAR-IARI, Assam has established a Farm Mechanization Hub (FMH). The initiative is under the guidance of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, and Dr. L. K. Baishya, Head, NRM Division. The FMH houses more than 70 agricultural tools and machines covering major farm operations such as land preparation, sowing, plant protection, harvesting, post-harvest processing and residue management. It serves as a testing, demonstration and training centre for identifying sustainable, affordable and region-specific mechanization solutions. Led by Dr. Chethan C. R., along with Dr. Rahul Singh, Dr. P. K. Mishra and Dr. Arpan Bhowmik, the FMH will promote the adoption of appropriate farm machinery among small and marginal farmers through on-farm demonstrations, hands-on training and custom hiring models. The initiative is expected to improve farm efficiency, reduce drudgery and support timely agricultural operations in the diverse farming systems of the North Eastern Region.



PbAT: A user-friendly R/Shiny platform for data-driven decision support in crop improvement

Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, launched PbAT: Plant Breeding Analytical Tools v1.0.5, an open-access software platform



developed by Dr. Abhijith K. P. and his team, on 27th May 2026. The platform provides a user-friendly, code-free interface for comprehensive analysis of plant breeding data and is accessible through the PbAT Online Platform. PbAT integrates multiple analytical modules covering trial design, trait exploration and data curation, experimental design analysis, stability analysis, multivariate analysis and mating design analysis. The platform supports advanced statistical outputs, including BLUES, BLUPS and variance components, along with

publication-ready graphical outputs and automated interpretations. It is also available as an R package for offline use, enabling researchers and students to undertake data-driven plant breeding analyses with greater ease and efficiency. During the launch, Dr. Ch. Srinivasa Rao highlighted the importance of digital tools in modern plant breeding and appreciated the initiative for making advanced analytical methods more accessible to researchers and students. The platform represents an important contribution towards strengthening digital, data-driven and user-friendly approaches in agricultural research. Built with a modular architecture to support future integrations, PbAT is freely available to the global research community as a web application (<https://pbat.online>) and as an installable R package (<https://github.com/abhijithkpgen/PbAT>).

Official Website of ICAR-IARI, Assam Launched

The official website of ICAR-IARI, Assam was launched on 27th May 2026 by Dr. Ch. Srinivasa Rao, Hon'ble director, IARI Assam, marking an important step towards strengthening the Institute's digital presence and communication outreach. The website provides comprehensive information on the Institute's research, education, training, technologies, facilities, activities, achievements and farmer-oriented initiatives, serving as a digital platform for scientists, students, farmers and other stakeholders. The website can be accessed at <https://iaria.org.in>

EDUCATION & STUDENTS' ACTIVITIES

All-India Study Tour Enriches Learning Experience of IARI Assam Students

The All-India Study Tour of B.Sc. (Hons.) Agriculture (Batch 2022-26) of ICAR-IARI, Assam was organised from 15th to 21st April 2026, with participation of 53 students (41 boys and 12 girls). The tour was coordinated by Dr. Chethan C. R., Mr. Dau ruhi Pde and Dr. Bornalee Handique. Students visited OUAT, Bhubaneswar; ICAR-CIFA, Bhubaneswar; ICAR-NRRI, Cuttack; ICAR-IIWM, Bhubaneswar; Central Horticultural Experiment Station, ICAR-IIHR, Bhubaneswar; and an Agro-Tourism Centre near Puri. The visits provided valuable exposure



to agricultural research, aquaculture, horticulture, water management and allied sectors. Interactions with scientists, faculty members and technical staff helped students connect theoretical learning with practical applications and gain insights into modern agricultural technologies and research activities. The study tour also broadened their understanding of emerging developments and career opportunities in agriculture and allied sectors.

Educational Tour to Ziro Valley Enriches Learning of IARI Assam Students

An educational tour to Ziro Valley, Arunachal Pradesh was organised on 22nd June, 2026 for 55 students of ICAR-IARI, Assam, coordinated by Dr. Akkalarreddy Sumalatha, Dr. Anshif Ali and Mr. Umakantha Dash. Students visited lakes, a community-managed Butterfly Park, kiwi orchards, a bamboosetum, horticultural farms and nurseries, gaining practical exposure to biodiversity, ecotourism, commercial horticulture and floriculture. A key highlight was the traditional paddy-cum-fish cultivation system, showcasing sustainable and efficient resource utilisation. The tour provided valuable insights into the region's traditional farming practices, biodiversity and high-value agricultural enterprises.



Students Showcase Cultural Diversity on the Eve of 10th Foundation Day

On the eve of the 10th Foundation Day of ICAR-IARI, Assam, students organised a vibrant cultural programme on 26th May 2026. The event featured a variety of cultural performances,



showcasing the talent, creativity and rich cultural diversity of the students adding to the spirit of the Foundation Day celebrations.

First Batch of Undergraduate Students Complete their Academic Journey at ICAR-IARI, Assam

The Graduation-cum-Farewell Day for the first batch of undergraduate students of ICAR-IARI, Assam was celebrated on 25th June 2026, with 59 students completing their B.Sc. (Hons.) Agriculture degree. Shri Rahul Suresh Javir, IAS, District Commissioner, Dhemaji, graced the occasion as Chief Guest. Scientists, faculty members and students participated in the programme, marking a significant milestone in the Institute's academic journey. The students subsequently participated virtually in the central-level farewell programme for the first and pioneer batch of undergraduate students, organised by the Graduate School, ICAR-IARI, New Delhi and



PGSSU on 29th June 2026. The programme was graced by Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, New Delhi, as Chief Guest and Dr. Anupama Singh, Joint Director (Education) and Dean, ICAR-IARI, New Delhi, as Guest of Honour. Meritorious students were felicitated for their outstanding academic and co-curricular achievements.

NSS Activities Promote Cleanliness and Environmental Stewardship

Cleanliness Drive: The NSS Unit, ICAR-IARI, Assam organised a cleanliness drive on 6th June 2026, in which first-year students cleaned the surroundings of the boys' hostel and cleared overgrown bushes. The activity was conducted under the guidance of Dr. S. Manivannan and Dr. Ansheef Ali, promoting a cleaner and healthier campus environment.



Tree Plantation Drive: A tree plantation programme was organised on 13th June 2026, with active participation of second-year students. Under the guidance of Dr. S. Manivannan and Mr. Umakanta Dash, students planted saplings at various locations across the campus, reinforcing their commitment to environmental conservation and a sustainable campus.



Second Students' Club Inaugurated at ICAR-IARI, Assam

The second Students' Club was inaugurated at ICAR-IARI, Assam on 25th June 2026, providing



students with an additional space for recreation, interaction and extracurricular activities. The initiative is expected to further strengthen student engagement, creativity and overall campus life at the Institute.

Diploma Students Gain Practical Exposure to Fish Hatchery Management

A study tour to a commercial fish hatchery at Viswanath Chariali, Assam was organised for Diploma students of ICAR-IARI, Assam during 23rd – 25th June, 2026. The tour was coordinated by Dr. Deepjyoti Baruah, Principal Scientist. The visit provided students with valuable practical exposure to modern fish hatchery management and aquaculture practices, complementing their classroom learning.



Educational and Exposure Visits at ICAR-IARI Assam

2nd April 2026 – Assam Science Society, Dhakuakhana Branch: 50 B.Sc. students participated in an exposure visit and hands-on training on “Bioengineering and Its Applications”, sponsored by the Department of Science, Technology and Climate Change, Government of Assam. Coordinated by Dr. P. K. Mishra, Dr. Bornalee Handique and Dr. Abhijith K. P.

13th April 2026 – Kendriya Vidyalaya, Gerukamukh: 38 students of Classes X–XII and 3 teachers visited ICAR-IARI Assam for exposure to agriculture, allied sectors, career opportunities and research facilities. Coordinated by Dr. A. K. Balange, Dr. Rahul Singh, Dr. P. K. Mishra, Dr. Alemwati Pongener and Dr. Bornalee Handique.

CAPACITY BUILDING & OUTREACH

IARI Assam Scientists Join Nationwide “Khet Bachao Abhiyan”

Under the guidance of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, scientists of ICAR-Indian Agricultural Research Institute (IARI), Assam actively participated in the month-long nationwide “Khet Bachao Abhiyan” during 1st -30th June, 2026, undertaken by the Government of India and ICAR to promote soil health and sustainable agriculture. Taking the message of “Save the Soil, Save Farming, Save Farmers” to the grassroots, seven teams of scientists undertook extensive village outreach across Dhemaji and North Lakhimpur districts of Assam.

During the campaign, the scientists interacted directly with farming communities and

created awareness on balanced and judicious use of fertilizers and pesticides, scientific and natural farming practices, soil-health management and effective utilisation of government agricultural schemes. The teams also provided need-based technical guidance to farmers, strengthening the connection between agricultural research and field-level practices.

The campaign was implemented through seven scientist teams under the Mera Gaon Mera Gaurav (MGMG) programme, covering major farming clusters around Gogamukh and adjoining areas. Dr. Prabhat Pramanik served as the nodal officer.

Scientist Teams for Khet Bachao Abhiyan under Mera Gaon Mera Gaurav (MGMG)

Team	Team Leader	Team Members	Cluster	Villages Covered
1	Dr. Rahul Singh	Dr. Chethan C. R., Dr. Prabhash Mishra, Dr. Bornalee Handique, Mr. Kishore Chandra Sahoo	Moharicamp	Moharicamp, Ukhamati, Kachutali, Garpara, 5 Mile
2	Dr. L. K. Baishya	Dr. Dibyendu Deb, Dr. Alemwati Pongener, Mr. Arunjyoti Baruah, Dr. Azhaguraja M.	Nalbari	Nalbari, Gobindapur, Rabha Gaon, Manikpur, Paharpur
3	Dr. Deepjyoti Baruah	Dr. Sunil Mandi, Dr. Ch. Jamkhokai Mate, Mr. Da U Ruhi Pde, Dr. Abhijit K. P.	Ghilamara	Bordoi, Ghilamara, Raidingia, Batoumari, Hingia
4	Dr. S. Manivannan	Dr. Palmei Gaibime, Mr. Bhagirath Das, Dr. Akkala Reddy Sumalatha, Dr. M. B. Chaudhary	Gogamukh	Gogamukh, Tajik, Pamua, Lathiya, Latak
5	Dr. Arpan Bhowmik	Dr. Manish Pandey, Dr. Ansheef Ali, Dr. Ravi Bhushan Prasad, Mr. Sunny Arya	Baginadi	Baginadi, Mainapara, Jaradhara Gaon, Kulabali, Rangpuria
6	Dr. Rachit Saxena	Mr. Umakanta Dash, Mr. Raghavendra H. R., Mr. Machanuru Raviteja, Dr. Mythra	Bordoloni	Bordoloni, Moromi, Nandini, Misamari, Bhebeli
7	Dr. A. K. Balange	Dr. Prabhat Pramanik, Dr. Amit Srivastava, Dr. Subhra Sill, Dr. Akshay Kumar	Halakhbari	Dirpai, Chapori, Halakhbari, Rajghar, Sengeliuti, Ajarguri

Campaign at a Glance

Outreach Indicator	Achievement
Scientist Teams	7
Village Visits	49
Farmers Reached	1,042
Districts Covered	2
Major Focus	Soil health, balanced fertilization and sustainable farming

The extensive outreach reflects the Institute's commitment to taking science from the laboratory to farmers' fields and promoting resilient, sustainable and resource-efficient agriculture in the North Eastern Region.



Field visit to Banful Agro-tourism project

A field visit was conducted to Banful Agro-ecotourism project on 13th April 2026 to collect data on the functioning of the agro-tourism initiative. Situated in the rural hamlet of Mainapara, North Lakhimpur, Assam, Banful offers visitors a chance to experience farm life, explore nature, experience traditional cuisine and host gatherings surrounded

by local culture. The visit was undertaken by Mr. Bhagirath Das and Mr. Chandan Maji, to collect data as a part of the institute funded research project which explores the possibility and pathways of agro eco-tourism towards sustainable livelihoods in NE region. The team had the opportunity to directly interact with Mr Pranab Bhajoni, a teacher cum first generation entrepreneur who is the founder of this agro eco-tourism initiative.

Field Day on Paddy Nursery Mat Preparation for Mechanical Rice Transplanting

The ICAR-Indian Agricultural Research Institute (IARI), Assam organized a Field Day on "Paddy Nursery Mat Preparation for Mechanical Rice Transplanting" at Ujani Ukhamati on 11th June 2026 under the leadership of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI. The programme witnessed the participation of around 35 stakeholders, including 25 farmers, officials from the Irrigation Department, Government of Assam, agricultural input dealers, and other stakeholders. Participants were sensitized on the benefits of mechanical rice transplanting, scientific paddy cultivation, nursery mat preparation, and integrated pest management. A hands-on demonstration on nursery mat preparation, including bed preparation and seed sowing, provided practical exposure to the participants and enhanced their understanding



of mechanized rice cultivation practices. The programme was coordinated by Dr. Chethan C. R., Dr. Rahul Singh, Dr. P. K. Mishra, Dr. Bornalee Handique, Mr. Kishore Chandra Sahoo, Dr. L. K. Baishya, and Dr. Arpan Bhowmik.

Field Visit to Sasoni Marbeel Eco-tourism Project

A field visit was conducted to the Sasoni Marbeel Eco-tourism Project at Sasoni, Dibrugarh, on 18th April 2026 to collect data and assess key dimensions of agro-ecotourism, including entrepreneurial behaviour, visitor satisfaction, and environmental sustainability. The project, owned and managed by Mr. Monimanik Gogoi, serves as an important example of biodiversity conservation integrated with rural tourism. The visit was undertaken by Mr. Bhagirath Das, Dr. Arpan Bhowmik, and Mr. Chandan Maji as part of ongoing efforts to generate insights for promoting agro-ecotourism as a sustainable livelihood opportunity in the NE region.



Field Day on Scientific Paddy Cultivation Through Mechanical Transplanting

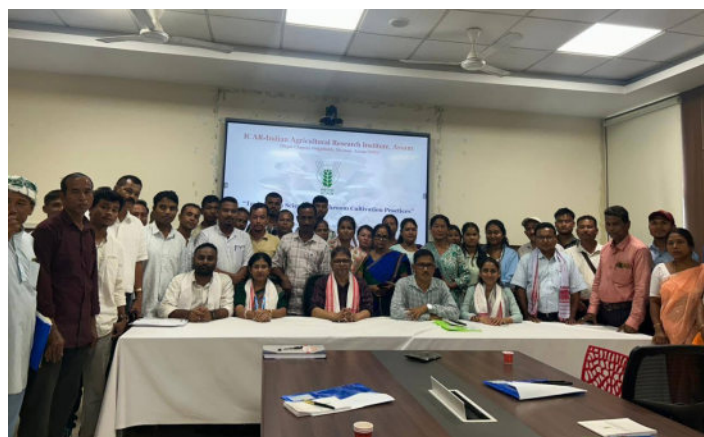
ICAR-IARI, Assam organised a Field Day on “Scientific Paddy Cultivation Through Mechanical Transplanting” at Sonapur Maji Village on 12th June 2026, with participation of around 20 farmers. The programme focused on the benefits of mechanical



transplanting, including timely crop establishment, reduced labour requirements and improved productivity, along with practical training on paddy nursery mat preparation. A hands-on demonstration enhanced farmers' understanding of nursery mat preparation and mechanised rice cultivation. The programme was coordinated by Dr. Chethan C. R., Dr. Rahul Singh, Dr. P. K. Mishra and Dr. L. K. Baishya.

Training on Scientific Mushroom Cultivation Conducted at ICAR-IARI, Assam

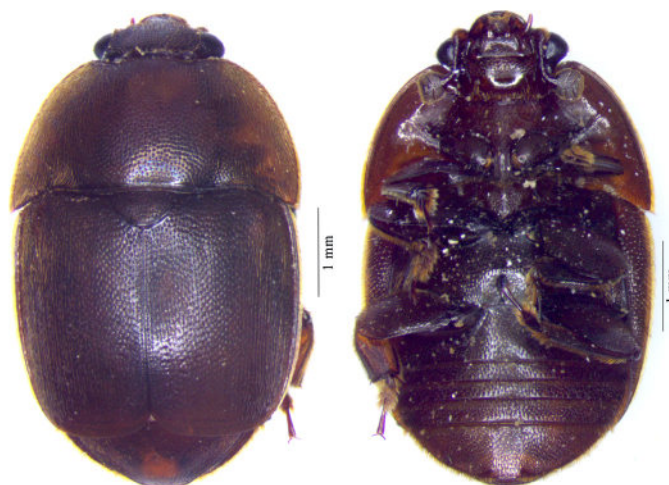
ICAR-IARI, Assam organised a training programme on “Scientific Mushroom Cultivation Practices” on 29th June 2026 for 45 mushroom growers from Dhemaji district, following the recommendation of the District Commissioner, Dhemaji. The programme, coordinated by Dr. Akshay Kumar H. M., Dr. Subhra Shil, Dr. Mythra R. and Mr. Kishore Chandra Sahoo, provided participants with scientific knowledge and practical guidance on improved mushroom cultivation practices to enhance productivity and strengthen mushroom-based livelihood opportunities.



Incidence of the Invasive Small Hive Beetle in Dhemaji District, Assam: A Case Report

A field visit was conducted on 9th June 2026 to Moumari Farmers Producer Company Limited (FPC), Dhemaji, Assam, in response to a request from the FPC regarding recent hive beetle infestations in honey bee colonies across the district. The FPC is associated with more than 200 beekeepers maintaining *Apis cerana* colonies, of whom approximately 150 have reportedly experienced challenges related to hive beetle infestation. The visit was undertaken by Mr. Kishore Chandra Sahoo and Dr. Ansheef Ali, in the presence of Ms. Dikshita Saikia, ADO, Dhemaji. The team inspected the FPC premises and selected apiaries managed by member beekeepers.

Morphological examination confirmed the specimens as the small hive beetle (SHB), *Aethina tumida* Murray (Coleoptera: Nitidulidae), an invasive pest recently reported in India. Following its first detection in North 24 Parganas, West Bengal, in September 2022, the species was subsequently reported from Andhra Pradesh (2023) and Goalpara, Assam (March 2024). This represents the first report of *A. tumida* from Dhemaji district, Assam. The visiting scientists provided guidance on preventive and curative management, emphasizing apiary hygiene, regular colony monitoring, maintenance



of strong colonies during dearth periods, prompt removal of infested materials, and installation of wire-mesh screens above the bottom board. The interaction strengthened farmers' preparedness to manage this emerging threat to beekeeping in the region.

Summary of Training/ Field Day/ Farmers Interaction Meeting/ Input Distribution Programme organized by IACR-IARI Assam

Sl. No	Title of the Event	Venue	Date	No of Beneficiaries
1	Field Day on Paddy Nursery Mat Preparation for Mechanical Rice Transplanting	Ujani Ukhamati, Dhemaji	11 June 2026	35
2	Field Day on Scientific Paddy Cultivation Through Mechanical Transplanting	Sonapur Maji, Dhemaji	12 June 2026	20
3	A training programme on "Scientific Mushroom Cultivation Practices"	ICAR-IARI Assam	29 June 2026	45
4	Village Visits Conducted by Scientists of ICAR-IARI, Assam Under the Khet Bachao Abhiyan (June 2026) and Campaign on Balanced use of Fertilisers (April-May 2026)	Different villages under Dhemaji and North Lakhimpur districts of Assam	15 April- 30 June 2026	1042

HAPPENINGS AT IARI-ASSAM

Hon'ble MLA Dhemaji Visits ICAR-IARI, Assam

Dr. Ranuj Pegu, Hon'ble MLA, Dhemaji, visited ICAR-IARI, Assam on 15th May 2026 and interacted with the scientists of the Institute. During the interaction, he shared valuable inputs on priority research areas and emerging agricultural challenges in Assam and the North Eastern Region, particularly in agriculture, dairy, fisheries and animal husbandry. The visit provided an opportunity to strengthen dialogue between the Institute and local stakeholders for addressing region-specific agricultural issues.



Review and Institutional Meetings

Review Meeting with NPCC: A review meeting with NPCC officials was held on 24th May 2026 under the chairmanship of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, to review the progress of ongoing construction and development activities at the Institute. Dr. Viswanathan Chinnusamy, Joint Director (Research), ICAR-IARI, also attended the meeting.



Institute Award Committee Meeting: A meeting of the committee constituted to screen different institutional awards, appreciation and recognition for outstanding achievements of ICAR-IARI, Assam during 2025-26 was held on 24th May 2026 under the chairmanship of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam.

Institute Activity Review Meeting: A review meeting on various institutional activities was held



on 27th May 2026 under the chairmanship of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, with participation of all staff members to assess progress and discuss ongoing and planned activities.

Monthly Senior Officers' Committee (SOC)

Meeting: The monthly SOC meeting was held under the chairmanship of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, to review budget utilization, fellowship payment status, scientific activities, research progress and other important academic and institutional matters.

World Environment Day

On 5th June, 2026 IARI Assam celebrated World Environment Day with active participation of scientists, staff and students. The chief Guest of the program was Ms. Dimpy Bhattacharya, ALRS, DPO, Dhemaji. During the programme different aspects have been discussed like the usefulness of tree plantation, awareness, environmental safety, duties of human beings for safeguarding our environments, waste to wealth, social and behavioural aspects while dealing with disaster management etc. Tree Saplings were planted across the campus for making the campus green. As a part of world environment day, a plantation drive near Fish-pond area by Diploma students of IARI Assam was carried out.



Works Committee meeting with NPCC

A meeting of the Works Committee with NPCC officials was held on 2nd June 2026 under the chairmanship of Dr. A. K. Balange. Er. Soumitra Dash, Zonal General Manager, NPCC; Mr. Bargav, Project

Manager, and other NPCC officials visited ICAR-IARI, Assam. The meeting included visits to ongoing work sites and detailed discussions on the progress of ongoing construction and development activities at the Institute.

Blood Donation Camp Organised on World Blood Donor Day

On the occasion of World Blood Donor Day, ICAR-IARI, Assam organised a Blood Donation Camp on 14th June 2026 in collaboration with the Blood Centre, Lakhimpur Medical College and Hospital. The camp was organised under the guidance of Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, with Dr. Amjad K. Balange and Dr. S. Manivannan facilitating the programme and Mr. Jitender Singh Gaite coordinating the activity. The camp witnessed enthusiastic participation from faculty, staff and students, with 58 units of blood voluntarily donated, reaffirming the Institute's commitment to community service and social responsibility.



ICAR-IARI, Assam Celebrates 11th International Day of Yoga

ICAR-IARI, Assam celebrated the 11th International Day of Yoga on 21st June 2026 with enthusiastic participation from scientists, staff and students. A guided yoga session highlighted the importance of physical fitness, mental well-being and stress management, reinforcing the Institute's commitment to promoting a healthy and holistic lifestyle among its employees and students.



IARI Assam Participates in 23rd PM-KISAN Samman Nidhi Utsav

ICAR-IARI, Assam actively participated in the 23rd PM-KISAN Samman Nidhi Utsav organised at KVK Dhemaji and KVK North Lakhimpur on 20th June 2026. Scientists from the Institute, including Dr. Arpan Bhowmik, Dr. Rahul Singh, Dr. Chethan C. R., Dr. P. K. Mishra, Dr. A. K. Srivastava, Dr. Bhagirath Das, Dr. Bornalee Handique and Dr. Sunny Arya, interacted with farmers and created awareness about the PM-KISAN scheme, government initiatives and improved agricultural technologies.

The programme provided an important platform for farmer-scientist interaction, promotion of scientific farming practices and dissemination of agricultural technologies, reaffirming IARI Assam's commitment to improving farmers' livelihoods and promoting sustainable agricultural development in the North Eastern Region.



भा.कृ.अनु.प.-भा.कृ.अनु.सं., असम में एक दिवसीय हिंदी कार्यशाला का आयोजन

भा.कृ.अनु.प.-भारतीय कृषि अनुसंधान संस्थान (भा.कृ.अनु.सं.), असम के तत्वाधान में 30 जून 2026 को "राजभाषा अधिनियम १९६३" विषय पर एक दिवसीय हिंदी कार्यशाला का आयोजन किया गया। कार्यशाला का उद्देश्य संस्थान के अधिकारियों एवं कर्मचारियों में राजभाषा हिंदी के प्रभावी प्रयोग, कार्यालयीन कार्यों में हिंदी के उपयोग तथा राजभाषा संबंधी प्रावधानों के प्रति जागरूकता बढ़ाना था। कार्यक्रम में प्रतिभागियों ने सक्रिय रूप से भाग लिया और हिंदी के अधिकाधिक प्रयोग के प्रति अपनी प्रति प्रतिबद्धता व्यक्त किया। कार्यक्रम का संचालन डॉ. ए. के. श्रीवास्तवा, वरिष्ठ वैज्ञानिक एवं नोडल अधिकारी, हिंदी समिति के द्वारा किया गया।



CONFERENCES, SEMINARS, SYMPOSIA, TRAINING & WORKSHOPS

Paper presented in Conference/ Seminar/ Symposia

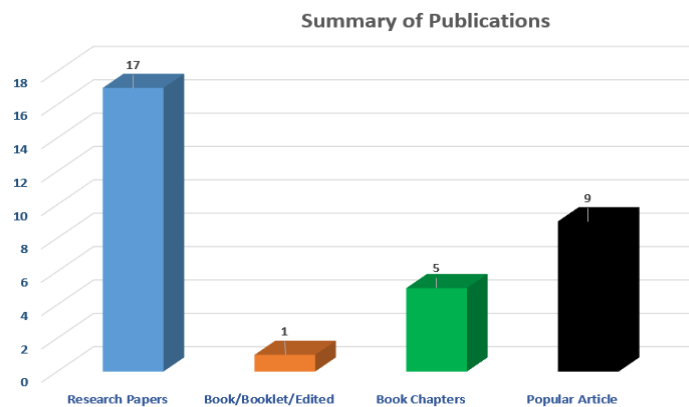
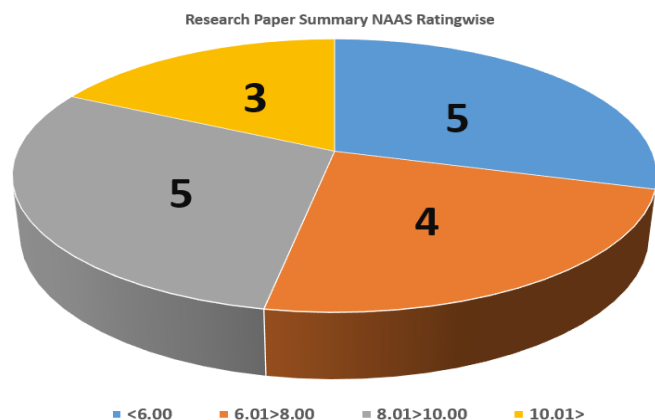
- Oral Presentation of the paper entitled “Livelihood Diversification for Vikshit Bharat @2047: Integrating Traditional Wisdom, Technology and Rural Entrepreneurship in Rainfed Northeast India” in the National Conference on “Sustainable Agriculture for Vikshit Bharat @2047: Tradition, Technology and Tangible Outcomes” organized at NASC, New Delhi during 13-14 June, 2026. (Arpan Bhowmik)

PUBLICATIONS

Research papers (above 9.00 NAAS Rating)

Details of the Papers	NAAS Rating (2026)	Impact factor
1. Pramanik, P., Majumdar, J. S., Kalita, P., Goswami, P., Sarkar, S., Sarkar, A., & Thakur, A. (2026). Land use patterns influenced the quality and climate resilience of soil in the Brahmaputra Valley at the Himalayan foothill in India. <i>Environmental Monitoring and Assessment</i> , 198, 493.	9.0	3.0
2. Gorai, S. K., Padaria, R. N., Burman, R. R., Aiswarya, S., Rakshit, S., Sarkar, S., Das, B., Yeasin, M., Lama, A., Quader, S. W., Chiru, T. D. G., Mukherjee, S., Ghosh, B., & Barman, B. (2026). Digital climate education for rural resilience: Validation and effectiveness of an e-learning module for farmers in flood- and cyclone-prone regions of India. <i>Frontiers in Climate</i> , 8, 1756972. https://doi.org/10.3389/fclim.2026.1756972	--	4.1
3. Gupta, S., Mishra, P. K., & Khare, D. (2026). Empowering communities for resilient smart cities: Water accounting plus (WA+) and community-driven approaches integrating rainwater harvesting. <i>Environmental and Sustainability Indicators</i> , 31, 101327. https://doi.org/10.1016/j.indic.2026.101327	11.6	5.6
4. Sahoo, S., Samal, K. P., Mishra, P. K., Kumarasamy, M., Thakur, A., Das, D. M., & Pandi, D. (2026). Climate variability-induced rainfall trends in the Baitarani River Basin, India: A spatio-temporal and GIS-based assessment. <i>Earth</i> , 7, 98. https://doi.org/10.3390/earth7030098	9.4	3.4
5. Mythra, R., Mishra, P. K., Shukla, R., Uppar, J., & Baishya, L. K. (2026). Synergistic effects of arbuscular mycorrhizal fungi and Bradyrhizobium improve drought resilience and productivity of mung bean. <i>Soil Systems</i> , 10(6), 62. https://doi.org/10.3390/soilsystems10060062	10.1	4.1
6. Peramaiyan, P., Reddy, K. S., Kumar, S., Srivastava, A. K., Nath, D., Kumar, V., Khandai, S., Kumar, V., Singh, S., & Saikia, K. (2026). Assessing the scope for nano-urea to reduce nitrogen inputs while maintaining rice yields in India. <i>Frontiers in Sustainable Food Systems</i> , 10, 1759447. https://doi.org/10.3389/fsufs.2026.1759447	9.10	4.1
7. Ghosh, S., Deb, D., Deb, S., Chakraborty, S., Daripa, A., Karmakar, K., & Rahman, F. H. (2026). Impact of land uses on soil pollution in a part of eastern Indian Terai region. <i>Environmental Monitoring and Assessment</i> , 198(7), 688. https://doi.org/10.1007/s10661-026-15525-5	9.6	3.6

Publication Summary



AWARDS AND RECOGNITIONS

Dr. Ch. Srinivasa Rao honoured with Prof. M.S. Swaminathan Award

Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, New Delhi, was conferred with the Prof. M.S. Swaminathan Award for the year 2024-25 on April 18, 2026, at a distinguished ceremony held in Hyderabad. The award was presented by Shri M. Venkaiah Naidu, Hon'ble Former Vice President of India, in recognition of Dr. Rao's exceptional and sustained contributions to climate-resilient farming and natural resource management areas.



A Journey of Excellence: Director Dr. Ch. Srinivasa Rao on ETV Life

Dr. Ch. Srinivasa Rao, Director, ICAR-IARI, Assam, was featured in an ETV Life interview, where he shared his professional journey, experiences,



and contributions to agricultural research and education. The interview, presented in Telugu, highlighted his career journey and contributions to the agricultural sector.

Other Recognition

- Dr. Manish Pandey received the 2nd Best Oral Presentation Award at the International Conference on Harnessing the Potential of Organic and Natural Farming for Sustainable Agriculture, held on 11-12 April 2026 in hybrid mode.
- Kishore Chandra Sahoo recognized as the Issue Editor for Indian Entomologist, Volume 7, Issue 1 (January 2026), the online magazine of the Entomological Society of India.
- Editorial Appointment: Dr. Alemwati Pongener has been appointed as an Editor of the journal Current Horticulture.
- Dr. M. B. Chaudhary received the Best Poster Presentation Award as a co-author at the 9th AMIFOST-2026 International Conference on Bio-Convergence and Next-Generation Food Systems: Towards Sustainable Nutrition and Global Food Resilience, held at Amity University Uttar Pradesh, Noida, on 17-18 March 2026.
- Dr. Chethan C. R., Dr. V. K. Choudhary, and Dr. J. S. Mishra were granted an Indian Copyright for the publication Standard Operating Procedure for Herbicide Application through Drones. The copyright (Certificate No. LD-20260188027) was issued on 29th May 2026.

ICAR-IARI, Assam Honours Outstanding Contributions through Annual Awards

As part of its 10th Foundation Day celebrations held on 26 May 2026, ICAR-IARI, Assam conferred awards and commendations for the year 2025-26, recognising excellence among scientists, staff, students, farmers and collaborating institutions.

Award	Awardee
Best Scientist of the Year 2025-26	Dr. Chethan C. R. & Dr. M. B. Chaudhary
Best Young Scientist 2025-26	Dr. Abhijith K. P. & Dr. Azhaguraja M.
Best Young Scientist (Woman) 2025-26	Dr. Bornalee Handique
Best Administrative Staff 2025-26	Sh. Jitender Singh Gaite
Best Technical Staff 2025-26	Sh. Chandan Maji
Best Farmer (Woman) 2025-26	Gupa Biswakarma
Best Farmer 2025-26	Sh. Bol Bahadur
Best Press Media 2025-26	Sh. Deepraj Pegu
Best Farmer Producer Company 2025-26	Bordoloni Agro Fed Producer Company Limited
Best Cooperating Institution 2025-26	Krishi Vigyan Kendra, Dhemaji
Certificate of Commendation	Dr. Anamika Gogoi, ALRS, Circle Officer, Gogamukh
Best Student of the Year 2025-26	1st Year: Sagorika Dhar & Abhinav Anand 2nd Year: Shivangi Singh, Abhija S. & Tannu Kumari 3rd Year: Manisha Mallik & Tapaswinee Bhattacharjee 4th Year: Kimshuk Somvanshi & Ahad Raza Siddiqui M.Sc.: Jyoti Shekhar Majumdar



Resource Person in Training Programme/Workshops

Name	Organizing Institute/organization	Name of the event/Training/Workshop	Title of the talk (Online/Offline)	Date
Dr. L. K. Baishya	Chelajan Village, Gogamukh, Assam	Meeting on Organic and Natural Paddy Farming	Organic and Natural Paddy Farming	21st May, 2026
	Taburam Taid Memorial museum and Library, Silimpur, Gogamukh	Scientific method of Agriculture farming and Livestock Care & Management.	Organic and Natural Paddy Farming	23rd June, 2026

Dr. Akkalarreddy Sumalatha	CAU Pasighat	Guest Lecture	JRF Preparation for UG students	25th April, 2026
Dr. Bornalee Handique	Lamudeolia Gaon, Ghilamara, Assam	Technical training programme organized by CSS-ATMA, Ghilamara Block	Scientific Management and Balanced Nutrition in Backyard Poultry for Sustainable Livelihoods	13th June, 2026
Sh. Saroj Kumar Singh	CAU Imphal	Program for newly recruited Assistant Registrar and Assistant Comptroller - CCS rules, joining time, deputation rule.	CCS rules, joining time, deputation rule	29th June, 2026
			Recruitment rules, CAS, Study leaves	29th June, 2026
			Service matters of Technical and KVK Staff Management of technical cadres across research station/Krishi Vigyan Kendras (KVKs), Assessment Promotions, and training framework	30 June, 2026

TENTATIVE TRAINING CALENDAR (2026-27)

The following training programmes are proposed under the School of Crop Sciences, school of Natural Resource Management (NRM), School of Animal, Poultry and Fisheries (APF), and Regional Research Station (RRS), Gerua for 2026-27. The calendar is presented in a concise format with the key details of each programme.

School of Crop Sciences

Sl. No.	Tentative Month	Name of Training	No. of Days	Place of Training	Organizing Secretary
1	June 2026	Scientific Mushroom Cultivation Practices	1	IARI Assam, Gogamukh	Mr. Akshay Kumar H. M.
2	July 2026	End-to-End Analytics in Plant Breeding: From Field Layouts to Genomic Prediction	7	Online Mode, IARI Assam, Dirpai, Gogamukh	Dr. Abhijith K. P.
3	August 2026	Value Addition of Fruit and Flowers	5	Ziro, Arunachal Pradesh	Dr. Akkalarreddy Sumalatha
4	August 2026	From Symptoms to Solutions: Managing Pathogens in Vital Crops	2	IARI Assam, Dirpai, Gogamukh	Mr. Akshay Kumar H. M.
5	September 2026	Commercial Cultivation of Flowers	5	IARI Assam, Dirpai, Gogamukh	Dr. Akkalarreddy Sumalatha
6	September 2026	Production Technologies of Pulses and Oilseeds for Rice Fallow in Assam	5	IARI Assam, Dirpai, Gogamukh	Dr. Ravi Bhushan
7	October 2026	Micro-Farm, Mega Results: Kitchen Garden Enhancements	2	Mokokchung Village, Nagaland	Dr. Alemwati Pongener

8	November 2026	Production and Management Technology of Important Tuber Crops	3	IARI Assam, Dirpai, Gogamukh	Dr. Subhra Shil
9	November 2026	From Plant to Molecule: Hands-on Training in Phytochemical Extraction and Analytical Biochemistry	3	IARI Assam, Dirpai, Gogamukh	Dr. Ansheef Ali
10	November 2026	Good Orchard Practices for Better Harvests	2	IARI Assam, Dirpai, Gogamukh	Dr. Raghavendra H. R.
11	December 2026	Smart Spice Farming: Cultivation, Post-harvest Processing and Value Addition	3	KVK Pasighat, Arunachal Pradesh	Dr. Ansheef Ali
12	December 2026	Exploring Insect Diversity: Hands-on Training on Collection, Preservation and Identification Techniques	3	IARI Assam, Dirpai, Gogamukh	Mr. Kishore Chandra Sahoo
13	December 2026	ICTs in Agriculture	3	IARI Assam, Dirpai, Gogamukh	Dr. Dibyendu Deb
14	January 2027	Preserve, Process, Prosper: Building a Business from Fruit	5	IARI Assam, Dirpai, Gogamukh	Dr. Alemwati Pongener
15	January 2027	Use of Digital Technologies for Climate Resilient Horticulture	2	IARI Assam, Dirpai, Gogamukh	Dr. Dibyendu Deb
16	February 2027	End-to-End Analytics in Plant Breeding: From Field Layouts to Genomic Prediction (Second Edition)	7	Online Mode, IARI Assam, Dirpai, Gogamukh	Dr. Abhijith K. P.
17	January 2027	Scientific Seed Production Techniques in Major Field Crops	1	IARI Assam, Dirpai, Gogamukh	Dr. Ravi Bhushan

School of Natural Resource Management (NRM)

S. No.	Tentative Month	Name of Training	No. of Days	Place of Training	Organizing Secretary
1	July 2026	Farm Waste Management & Circular Economy	3	Biswanath Chariali, Assam	Dr. Raviteja
2	July 2026	Scientific Nutrient Management & Biofertilizers for Climate Resilient Livelihood	3	Ukhamati, Mohoricamp, Dhemaji, Assam	Dr. Rahul Singh
3	August 2026	Watershed Management for Sustainable Livelihood in Hill Ecosystem	3	Dimapur, Nagaland	Dr. P. K. Mishra
4	August 2026	Scientific Rice Cultivation through Mechanized Operation	3	Garpara, Gogamukh, Dhemaji, Assam	Dr. Chethan C. R.
5	August 2026	Promotion of Eco-friendly Pest Management	3	Sonapur, Dhemaji	Dr. Ch. Jamkhokai Mate
6	August 2026	Training on Value Addition through Drying & Dehydration	3	Meriema, Nagaland	Dr. Palmei Gaibimei

7	August 2026	Promotion of Location-specific IFS Model for NE Region	3	Namsai, Arunachal Pradesh	Dr. L. K. Baishya
8	September 2026	Land & Water Management in a Rainfed Ecosystem	3	Kachutali, Dhemaji, Assam	Dr. P. K. Mishra
9	September 2026	Crop Diversification in Rice Fallow	3	Dhakuakhana, Assam	Dr. L. K. Baishya
10	September 2026	Irrigation Water Management for Sustainable Livelihood	3	Bordoloni, Dhemaji, Assam	Dr. Sunny Arya
11	October 2026	Sustainable Agriculture & Natural Resource Management for Livelihood Enhancement	3	Kyrdem, Kulai, Meghalaya	Dr. Rahul Singh
12	October 2026	Promotion of Organic Agriculture	3	Udalguri, Assam	Dr. Sunil Mandi
13	October 2026	Artificial Intelligence for Climate Smart Agriculture	3	Gobindapur, Dhemaji, Assam	Dr. Sunny Arya
14	November 2026	Promotion of Mechanized Potato Cultivation	3	Ziro, Arunachal Pradesh	Dr. Chethan C. R.
15	November 2026	Awareness and Training Programme on Utilization of Farm-wastes as Soil Amendment for Sustaining Soil Health in Northeast India	3	Nalbari, Dhemaji, Assam	Dr. Prabhat Pramanik
16	November 2026	Promotion of Natural Farming	3	Tawang, Arunachal Pradesh	Dr. Sunil Mandi
17	November 2026	Awareness on Ill Effects of Synthetic Pesticides to Environment and Human Health	3	Dulumukh, Arunachal Pradesh	Dr. Ch. Jamkhokai Mate
18	December 2026	Celebration of Soil World Day & Demonstration-cum-Training Programme on Improvement of Soil Health in Vulnerable Agro-ecosystem of Majuli	3	Majuli, Assam	Dr. Prabhat Pramanik
19	December 2026	Scope and Opportunities of Biofertilizers Production and Application to Promote Organic/ Natural Farming	3	Ghilamara, Dhemaji, Assam	Dr. Mythra R
20	December 2026	Climate Smart Technologies for Sustainable Agriculture	3	ICAR-IARI Assam, Dirpai, Gogamukh	Dr. Raviteja
21	December 2026	Training Programme on Rainwater Harvesting and Recycling	3	ICAR-IARI Assam, Dirpai, Gogamukh	Dr. S. Manivannan
22	January 2027	Promoting Organic Farming for Sustainable Livelihoods: Awareness, Training & Input Distribution	3	Pasighat, Arunachal Pradesh	Dr. Arpan Bhowmik
23	January 2027	Livelihood Diversification Strategies for Sustainable Agriculture	1	Ujjwalpur, North Lakhimpur, Assam	Dr. Arpan Bhowmik
24	January 2027	Capacity Building Programme on Establishing Nutrition Gardens for Household Nutritional Security	3	ICAR-IARI Assam, Dirpai, Gogamukh	Mr. Bhagirath Das

25	January 2027	Value Addition in Agricultural Oilseeds: Oil Extraction, Packaging, Marketing, and By-product Utilization for Aquaculture and Livestock	3	ICAR-IARI Assam, Dirpai, Gogamukh	Dr. Palmei Gaibimei
26	February 2027	Training Programme on Erosion Control Measures for Hilly Region	3	ICAR-IARI Assam, Dirpai, Gogamukh	Dr. S. Manivannan
27	February 2027	Training Programme on Mushroom Cultivation	3	ICAR-IARI Assam, Dirpai, Gogamukh	Dr. Mythra R
28	February 2027	Hands-on Demonstration of Natural Farming and Organic Farming Practices	3	College of Agriculture, Tripura	Mr. Umakanta Dash
29	March 2027	Capacity Building Programme on Establishing Nutrition Gardens for Household Nutritional Security	3	College of Agriculture, Tripura	Mr. Bhagirath Das

School of Animal, Poultry and Fisheries (APF)

Sl. No.	Tentative Month	Name of Training	No. of Days	Place of Training	Organizing Secretary
1	July 2026	Advances in Fish Seed Production and Hatchery Management	3	Ziro/Yazali, Arunachal Pradesh	Dr. Deepjyoti Baruah
2	August 2026	Feed and Feeding Management in Carp Culture	3	IARI Assam, Dirpai, Gogamukh	Mr. Da U Ruhi Pde
3	August 2026	Fish Diseases and Health Management in Freshwater Aquaculture System	3	IARI Assam, Dirpai, Gogamukh	Mr. Arunjyoti Baruah
4	September 2026	Fodder Cultivation and Management for Sustainable Livestock Production	3	North Lakhimpur, Assam	Dr. Bornalee Handique
5	September 2026	Technology-Driven Poultry Farming for Sustainable Income Generation in the North Eastern Region	3	Mokokchung Village, Nagaland	Dr. Azhaguraja M.
6	October 2026	Entrepreneurship Development in Dairy Products Manufacturing	3	IARI Assam, Dirpai, Gogamukh	Dr. M. B. Chaudhary
7	October 2026	Integrated Fish Farming System: Approaches towards Climate Resilient Practices for Food and Nutritional Security	3	Roing/Changlang/ Namsai, Arunachal Pradesh	Dr. Deepjyoti Baruah
8	October 2026	Training on Scientific Livestock Farming for Traditional Farmers	3	Dimapur, Nagaland	Dr. Manish Pandey
9	November 2026	Livestock-Based Natural Farming: Enhancing Farm Productivity	3	Ziro, Lower Subansiri, Arunachal Pradesh	Dr. Bornalee Handique
10	November 2026	Scientific Dairy Farming Practices for Sustainable Income Generation in the Northeast Region	3	IARI Assam, Dirpai, Gogamukh	Dr. A. K. Srivastava
11	December 2026	Ornamental Fish Keeping and Trade	3	Mokokchung/ Dimapur, Nagaland	Dr. Deepjyoti Baruah

12	December 2026	Precision Livestock Farming for Enhancing Farm Profitability	5	Baksha, Assam	Dr. Manish Pandey
13	December 2026	Scientific Duck Rearing for Sustainable Rural Livelihoods in the North-East Region	3	IARI Assam, Dirpai, Gogamukh	Dr. Azhaguraja M.
14	December 2026	Feed and Feeding Management in Hills Aquaculture System	3	Sugum Village, Arunachal Pradesh	Mr. Da U Ruhi Pde
15	December 2026	Fish Diseases and Health Management in Hill Aquaculture System	3	Sugum Village, Arunachal Pradesh	Mr. Arunjyoti Baruah
16	January 2027	Conservation and Propagation of Indigenous Fish Diversity in NER	2	IARI Assam, Dirpai, Gogamukh	Dr. Deepjyoti Baruah
17	January 2027	Advances in Livestock Production System and Climate Resilient Practices	3	Agartala, Tripura	Dr. A. K. Srivastava
18	January 2027	Cage Culture Farming in Natural Water Resources	3	IARI Assam, Dirpai, Gogamukh	Dr. Amjad K. Balange
19	February 2027	Skill Development on Fish-based Value-added Products and Fish Preservation	3	Changlang District, Arunachal Pradesh	Dr. Amjad K. Balange
20	February 2027	Food Safety, Quality Assurance, Advanced Packaging and Labeling of Dairy Products	3	Arunachal Pradesh (Ziro/Dirang District)	Dr. M. B. Chaudhary

Regional Research Station (RRS), Gerua

Sl. No.	Tentative Month	Name of Training	No. of Days	Place of Training	Organizing Secretary
1	July 2026	Enhancing Productivity and Income of Paddy Farmers through Adoption of Improved Technologies	3	KVK-Tinsukia, Assam	Dr. Kanchan Saikia
2	July 2026	Cultivation of Climate Smart Paddy Varieties	1	Boko, Kamrup, Assam	
3	August 2026	Mushroom Cultivation for Income Generation	1	Harharia, Baksa, Assam	
4	August 2026	Mobile Application for Smart Farming, Agricultural Marketing and Government Services	1	RRS, Gerua, Assam	
5	September 2026	Scientific Rearing of Duck for Egg and Meat Production	1	RRS, Gerua, Assam	
6	September 2026	Backyard Poultry Production with Improved Germplasm	1	Dihina, Hajo, Assam	
7	October 2026	Rice Based Farming System	1	KVK-Barpeta, Assam	
8	October 2026	Quality Seed Production in Rice	1	RRS, Gerua, Assam	
9	November 2026	Integrated Farming for Enhanced Farm Income	2	KVK-Longleng, Nagaland	
10	January 2027	Kitchen Garden Establishment and Vegetable Production Techniques	1	RRS, Gerua, Assam	

Campus Chronicles: Moments, Memories & Milestones....



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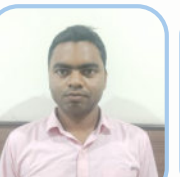
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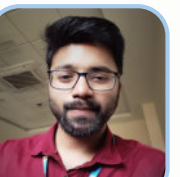
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From the Editors

Welcome to the April-June 2026 edition (Vol. 3, Issue 2) of the ICAR-IARI Assam Newsletter.

This quarter marked a significant period of achievements, activities, and institutional growth, highlighted by the 10th Foundation Day celebration on 26th May 2026 and inauguration of new infrastructure, including student hostels, a sports complex, and a farm pond. The quarter also witnessed important scientific and digital milestones, including the 4th Institute Research Council (IRC) meeting, launch of the official institute website, and PbAT v1.0.5, along with the establishment of the Farm Mechanization Hub, Automatic Weather Station, and Integrated Fish Farm Unit. Our outreach initiatives gained momentum through the nationwide Khet Bachao Abhiyan, reaching 1,042 farmers across 49 villages through seven teams of scientists. The quarter also marked the Graduation-cum-Farewell Day of the pioneer batch of 59 B.Sc. (Hons.) Agriculture students, complemented by educational tours and NSS-led environmental activities. We hope this issue captures the institute's continued commitment to scientific innovation, capacity building, outreach, and sustainable agricultural development in the North Eastern Region. Happy reading!

Warm regards,
The Editorial Team

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When the lights went off, the Universe switched on....
Captured during a power cut, the Milky Way illuminated the skies above IARI-Assam
Rear cover Credit: Dr. Abhijith K P