

ABOUT NIT SILCHAR

National Institute of Technology (NIT) Silchar, one of the premier institutes of higher education in India, has an NIRF ranking of 40 among all engineering colleges in the country. NIT Silchar focuses on the academic, research, and co-curricular development of the students. With the lush greenery, tranquil lakes, state-of-the-art auditoriums, student cafes, advanced library, and seminar halls, the campus is alluring to both the students and outsiders alike.

ABOUT ASSAM AGRICULTURAL UNIVERSITY

Assam Agricultural University (AAU), established in 1969, is the first institution of its kind in the northeastern region of India. Located in Jorhat, Assam, the university was set up with the goal of promoting agricultural education, research, and extension activities to uplift the agrarian economy of the region. AAU offers undergraduate, postgraduate, and doctoral programs in various disciplines including agriculture, veterinary science, horticulture, sericulture, etc. It plays a pivotal role in improving agricultural productivity and sustainability in the state of Assam and the neighboring Northeastern states.

ABOUT NEP 2020

The National Education Policy (NEP) 2020 is a policy that aims to improve the education system in India. It focuses on making education more inclusive, accessible, and equitable. The policy also aims to prepare students for the 21st century by equipping them with skills like critical thinking and problem solving.

Chief Patron

Prof. Dilip Kumar Baidya
Director, NIT Silchar

Protagonist

Prof. (Mrs.) Brinda Bhowmick (Shome)
Dean Academics, NIT Silchar

Chairperson

Dr. Pinki Roy
HOD-CSE, NIT Silchar

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1. **Dr. Somsubhra Chakraborty**, IIT Kharagpur
2. **Prof. Rabul Hussain Laskar**, NIT Silchar
3. **Prof. Lalit Chandra Saikia**, NIT Silchar
4. **Dr. Sudip Biswas**, IIIT Guwahati
5. **Dr. Arpit Jain**, IIT Patna
6. **Dr. Ghanapriya Singh**, NIT Kurukshetra
7. **Dr. Ajita Tiwari**, Assam University
8. **Dr. Angshuman Jana**, IIIT Guwahati
9. **Dr. Manash Jyoti Baruah**, Assam Agricultural University
10. **Er. Kaushik Hazarika**, Assam Agricultural University
11. **Dr. Shadad Md Khayer**, Assam Agricultural University
12. **Dr. Amina Khatun**, Assam Agricultural University
13. **Dr. Saroj Kr Biswas**, NIT Silchar
14. **Dr. Rajeeb Dey**, NIT Silchar
15. **Dr. Ranjay Hazra**, NIT Silchar
16. **Dr. Suganya Devi K**, NIT Silchar
17. **Dr. Shankar K**, NIT Silchar

National Educational Policy Outreach
Activity - One Week Short-Term
Training Programme (STTP) on

AGRITECH REVOLUTION: HARNESSING AI & ML FOR SMART FARMING

June 30 - July 6, 2025



Coordinators

Dr. Ramanujam E
Dr. Aparajita Dutta
Dr. Basanta Kumar Borah

Organized By

National Institute of Technology Silchar,
Assam, India
in collaboration with
Assam Agricultural University,
Jorhat, Assam, India

ABOUT THE STTP

The prime objective of this STTP is to bring the researchers from different parts of our country to a common gathering for exchanging and sharing knowledge about the Agricultural Technology revolution using Artificial Intelligence and Machine Learning. This STTP focuses on the transformative role of Artificial Intelligence and Machine Learning in modern agriculture. The workshop aims to equip participants with the knowledge and skills required to integrate cuttingedge AI/ML technologies into smart farming practices.

OBJECTIVES OF THE STTP

- 1.Understanding the role of AI/ML in precision farming, crop monitoring, and yield prediction.
- 2.Leveraging AI to optimize water usage and improve soil fertility.
- 3.Using ML models for early detection and prevention of pest and its control strategies.
- 4.Exploring robotics, drones, and IoT-based smart farming solutions.
- 5.Utilizing big data analytics for improved farm productivity and resource management.
- 6.Practical exposure to AI/ML tools, datasets, and real-world applications in agriculture.

This STTP will benefit researchers, students, academicians, and industry professionals looking to innovate and drive efficiency in agriculture using AI and ML.

TARGET AUDIENCE

The STTP is open to research scholars, undergraduate, postgraduate students, and faculty from universities, educational institutions, and research organizations.

REGISTRATION AND SELECTION PROCESS

Registration fee: NIL

- Online Registration for the event through the link : [Link](#)
- No. of seats is limited to **40**, and the selection process is completely on a First-Come, First-Serve basis.
- The certificate will be provided to all the participants on 100% attendance.
- Food and Accommodation will be provided in the Institute Hostel at free of cost.
- No TA/DA will be provided.

IMPORTANT DATES

Last Date for Registration : 15-06-2025

Selection Intimation through mail : 16-06-2025

CONTACT DETAILS

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REGISTRATION FORM

*NATIONAL EDUCATIONAL POLICY OUTREACH
ACTIVITY - ONE WEEK ONLINE SHORT-TERM
TRAINING PROGRAMME (STTP) ON*

AGRITECH REVOLUTION: HARNESSING AI & ML FOR SMART FARMING

June 30 - July 6 , 2025

Name: _____

Designation: _____

Institute: _____

Highest Qualification: _____

Branch: _____

Specialization: _____

Correspondence Address: _____

Mobile: _____

E-Mail: _____

Signature of the Applicant (with date):

Recommended by HOD/Supervisor
(for students only)

(Sign with date & Seal):_____