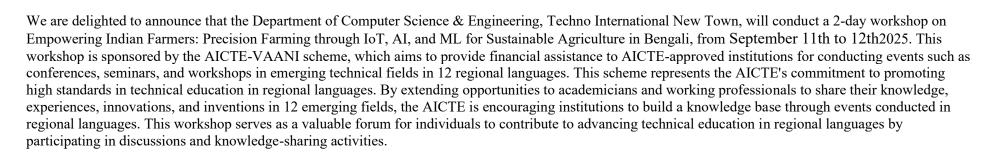
## AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Institution (VAANI)



2-Day Workshop on

**Empowering Indian Farmers: Precision Farming through IoT, AI, and ML for Sustainable Agriculture** Date: September 11th - 12th, 2025



Local language communication in India is vital for effective developmental action. According to the Census of India, 122 major languages and 1599 other languages, out of which over a million native speakers speak 30 languages in different parts of India. Disseminating knowledge and strengthening the learning process through regional languages thus becomes necessary to achieve the Viksit Bharat 2047 dream. Regional Level Conferences/Seminars/Workshops on the recent trends/updates/innovations in the technical field are supported under this scheme. The Conference/Seminar/Workshop of a minimum of 02 days to a maximum of 03 days & minimum of 50 participants will be supported under the scheme.

For further details and registration information, please visit Techno International New Town's official website or contact the Department of Computer Science & Engineering.

## For Registration: https://forms.gle/mFtN75yZmUrPbUhk7

Dr. Nilanjan Dey, Associate Professor, Department of Computer Science & Engineering, Techno International New Town, Block DG, 1/1, Action Area 1, Kolkata-700156 Dr. Nilanjana Dutta Roy, Associate Professor, Department of Computer Science & Engineering, Amity University, Kolkata Email: <u>nilanjan.dey@tint.edu.in</u> Phone: 8942809380

|          | We  | Techno<br>Inaugura<br>Scome Add | d a 2-day workshop<br>o International New Town<br>Inauguration<br>Venue: Seminar Hall (201<br>il speech by: Dr. Ayan Ch<br>Iress by: Dr. Swagata Pau<br>ch by: Dr. Sanku Bose, Gr | , Block DG, 1/1, Action<br>: 11 <sup>th</sup> September 2025,<br>), Block C, Techno Internative<br>takraborty, Principal, Tech<br>I, Academic Coordinator | Area I, New<br>9:00 am<br>rnational Ne<br>chno Interna<br>r, Techno Ir | vtown, Kolkata<br>ew Town<br>ational New Town<br>aternational New Town  | •  |                 |
|----------|---|---------------------------------|---|---|--|---|--|-----------------|
| Day      | 10:00 - 11:00   |                                 | 11:30 - 12:30   | 12:30 - 1:30  |  | 2:30 - 3:30   | 3:30 - 4:30  | 4:30<br>onwards |
| 11/09/25 | Dr. Sanjay Choudhury,<br>Centre for Development<br>of Advanced Computing<br>(C-DAC), Kolkata .<br><b>Topic:</b> Precision Farming<br>in India   | Tea<br>break                    | Dr. Alokesh Ghosh,<br>Centre for<br>Development of<br>Advanced<br>Computing (C-<br>DAC), Kolkata .<br><b>Topic:</b> Biosensors as a<br>powerful tool in<br>Precision Farming      | Dr. Debashis De,<br>Professor and<br>Director IQAC,<br>MAKAUT, WB.<br><b>Topic:</b> Touch of IoT<br>in Agriculture  | Lunch<br>break   | Dr. Subrata Sarkar,<br>Scientist E, CDAC,<br>Kolkata.<br><b>Topic:</b> Design and<br>Instrumentation<br>Issues in Precision<br>Farming  | Dr. Pronaya<br>Bhattacharya, Amity<br>University, Kolkata.<br><b>Topic:</b> Advanced<br>Scientific Computing<br>in Agriculture   | Tea<br>break    |
| 12/09/25 | Dr. Amlan Chakraborty,<br>Director, A.K. Choudhury<br>School of Information<br>Technology, University of<br>Calcutta, India.<br><b>Topic:</b> Future of Indian<br>farmers with AI and IoT | Tea<br>break                    | Dr. Hena Roy,<br>Scientist E, CDAC,<br>Kolkata .<br><b>Topic</b> : Use of<br>Robotics in<br>Agriculture.  | Dr. Subhankar<br>Mukherjee, Centre<br>for Development of<br>Advanced<br>Computing (C-<br>DAC), Kolkata .<br><b>Topic:</b> Future of<br>Indian Farmers     | Lunch<br>break   | Dr. Satyenda Nath<br>Mandal, Kalyani<br>Govt. Engineering<br>College.<br><b>Topic:</b> Growth of<br>India with the<br>growth of farmers | <ul> <li>Dr. Sudip Misra.</li> <li>Professor, Department<br/>of Computer Science<br/>and Engineering, IIT<br/>Kharagpur.</li> <li>Topic: Rainbow of<br/>Precision Farming</li> </ul> | Tea<br>break    |
|          | ·   | Valed                           | ictory and certificate dis<br>Vote of thanks by: Dr.  | -   |  | -   |  |                 |