



# Sardar Vallabhbhai National Institute of Technology, Surat, Department of Artificial Intelligence

## Events Organized by the Department of Artificial Intelligence (2023-2025)

**2025**

### 1. **Celebration of 150 Years of the National Song “Vande Mataram”**

- **Date:** 07 November 2025
- **Occasion:** Commemoration of 150 Years of the National Song “*Vande Mataram*”
- **Reference:** D.O. Letter dated 06 November 2025
- **Organized by:** Department of Artificial Intelligence, SVNIT, Surat
- **Activities Conducted:**

Activity	Time	No. of Participants
Mass Singing	09:50 AM	210
Hon’ble Prime Minister’s Speech (Screening)	10:25 AM	35

- **Highlights:**
  - The Department actively participated in the nationwide celebration to honor 150 years of *Vande Mataram*.
  - A mass singing session was organized with enthusiastic participation from students, faculty, and staff members.
  - The live telecast of the Hon’ble Prime Minister’s address was also viewed collectively, reflecting patriotic spirit and unity.
  - **Photographs:** Captured during the Mass Singing session.





## 2. **Expert Lecture and Interactive Sessions on “Speech Technologies for Indian Languages”**

- **Date:** 02 July 2025
- **Speaker:** Dr. Vipul Arora, Associate Professor, Indian Institute of Technology, Kanpur, India
- **Participants:** Faculty members (Assistant Professors and Associate Professors) and research scholars from the Departments of Artificial Intelligence, Computer Science and Engineering, and Electronics Engineering.
- **Schedule:**
  - Talk: 2:00 PM – 3:00 PM
  - Interaction with Research Scholars: 3:00 PM – 4:00 PM
  - Interaction with Faculty Members: 4:00 PM – 5:00 PM
- **Venue:** CoED-402, Auditorium Hall, Fourth Floor, Department of Computer Science and Engineering

**Highlights:** The session explored advancements in speech technologies for Indian languages, fostering academic collaboration and interdisciplinary discussion among researchers and faculty.



3. **Short Term Training Programme (STTP) on “Recent Trends and Practices in AI”**

- **Dates:** 07 July 2025 – 11 July 2025
- **Coordinators:**
  - **Dr. Tanmoy Hazra**
  - **Dr. Praveen Kumar Chandaliya**
  - **Dr. Nitesh A. Funde**
  - **Prof. Ritu Tiwari**
- **Participants:** More than 35 participants, including students, faculty members, and research scholars.
- **Highlights:**
  - The STTP focused on the latest advancements and best practices in Artificial Intelligence.
  - Key topics included Deep Learning, Federated Learning, Generative Adversarial Networks (GANs), Transformers, and Explainable AI.
  - The program emphasized both theoretical foundations and practical applications to enhance participants’ understanding of cutting-edge AI techniques.





## Short Term Training Programme (STTP) on “Ethical AI/ML for Innovation: Exploring Technologies and Applications”

- **Dates:** 24 February 2025 – 07 March 2025
- **Coordinators:**
  - **Dr. Ritu Tiwari**
  - **Dr. Nitesh A. Funde**
  - **Dr. Rohit Kumar**
- **Participants:** Faculty members, research scholars, and students from various institutes.
- **Highlights:**
  - The STTP explored cutting-edge and responsible AI/ML technologies promoting innovation with ethical considerations.
  - Topics covered included Distributed Anomaly Detection using Federated Learning, Generative AI, Group Signature-based Privacy Preservation in Federated Learning, and Robotics Applications.
  - The program fostered interdisciplinary collaboration and awareness of ethical frameworks in AI development and deployment.




**1** **Mass Pledge on the Occasion of Nasha Mukta Bharat Abhiyaan (NMBA)**

- **Date:** 12 August 2024, 9:00 AM
- **Occasion:** Nationwide observance under the Ministry of Social Justice & Empowerment
- **Chief Guest (National Level):** Dr. Virendra Kumar, Hon'ble Minister for Social Justice & Empowerment, Government of India
- **Theme:** "*Viksit Bharat ka Mantra, Bharat ho Nashe se Swatantra*"
- **Participants:** Students, faculty, and staff members of the Department of Artificial Intelligence joined lakhs of participants nationwide in taking a pledge against drug abuse.
- **Highlights:** The event promoted awareness about drug-free living and reinforced the department's commitment to social responsibility and national well-being.
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**2** **Observation of Vigilance Awareness Week 2024**

- **Occasion:** *Vigilance Awareness Week 2024* organized by Sardar Vallabhbhai National Institute of Technology, Surat
- **Theme:** "*Say No to Corruption; Commit to the Nation*"
- **Participants:** 10 employees of the Department of Artificial Intelligence participated in a **mass pledge** in physical mode.
- **Highlights:** Slogans promoting anti-corruption awareness were displayed on the Department's notice board, emphasizing integrity and commitment to national values.



3	<p><b>Short Term Training Programme (STTP) on “Multi-Modal Generative AI”</b></p> <ul style="list-style-type: none"> <li>• <b>Dates:</b> 16 December 2024 – 25 December 2024</li> <li>• <b>Coordinators:</b> <ul style="list-style-type: none"> <li>○ <b>Dr. Pruthwik Mishra</b></li> <li>○ <b>Dr. Rahul Dixit</b></li> <li>○ <b>Prof. Ritu Tiwari</b></li> </ul> </li> <li>• <b>Participants:</b> Over 35 participants, including students, faculty members, and research scholars.</li> <li>• <b>Highlights:</b> <ul style="list-style-type: none"> <li>○ The STTP explored advanced topics in Generative AI, emphasizing multi-modal learning and its applications.</li> <li>○ Covered topics included: Addressing Hallucination in Large Language Models, Privacy-Preserved Generative Networks, AI: LLMs and Beyond, Foundation Models in NLP, AI &amp; CV for Self-Driving Cars, Speech-to-Speech Machine Translation, and Word Problem Solving using LLMs.</li> <li>○ Expert speakers were invited from <b>University of Bonn, Institute for Infocomm Research (Singapore), TCS Research, IIIT Hyderabad, and IIT Bhubaneswar</b>, offering global perspectives on emerging AI research.</li> </ul> </li> </ul>
4	<p><b>Short Term Training Programme (STTP) on “Machine Learning and Its Applications”</b></p> <ul style="list-style-type: none"> <li>• <b>Dates:</b> 02 December 2024 – 13 December 2024</li> <li>• <b>Coordinators:</b> <ul style="list-style-type: none"> <li>○ <b>Dr. Tanmoy Hazra</b></li> <li>○ <b>Dr. Praveen Kumar Chandaliya</b></li> <li>○ <b>Prof. Ritu Tiwari</b></li> </ul> </li> <li>• <b>Participants:</b> Over 30 participants, including students, faculty members, and research scholars.</li> <li>• <b>Highlights:</b> <ul style="list-style-type: none"> <li>○ The STTP provided an in-depth understanding of core and advanced concepts in Machine Learning and its diverse applications.</li> <li>○ Topics covered included Supervised Learning, Classification and Regression, Linear and Logistic Regression, and advanced areas such as Generative AI (GenAI), Explainable AI (XAI), Large Language Models (LLMs), and Speech-based Health Analysis.</li> </ul> </li> </ul>
	

2023

**Two Expert Lectures on “From AI to AGI: Navigating the Transformative Landscape of Generative AI in the Era of Large Language Models” and “Quality Research and Getting Published: A Dream Journey for Young Researchers”**

- **Dates:** 14 February 2023 and 15 February 2023
- **Speaker:** Dr. Swagatam Das, Professor, Indian Statistical Institute, Kolkata, India
- **Participants:** B.Tech., M.Tech., and Ph.D. students from the Departments of Artificial Intelligence and Computer Science and Engineering.
- **Venue:** CoED-402, Auditorium Hall, Fourth Floor, Department of Computer Science and Engineering
- **Highlights:** The lectures focused on recent developments in Generative AI and effective research practices, motivating young researchers to pursue quality publications and innovative research directions.