Sarvajanik University
Sarvajanik College of Engineering and Technology
Dr. R K Desai Marg, Athwalines, Surat-395001

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Report of

R&D Initiative: TechMic 2k25

based on theme

"Emerging AI Technologies"

held on

7th October, 2025

The annual R&D initiative TechMic 2k25 was organized by the department of **Information Technology** and **Artificial Intelligence and Data Science**, on 7th October, 2025. The theme of TechMic 2k25 was: **"Emerging AI Technologies"** with two sub-themes specified as: **(i) Conversational AI** and **(ii) AI for Fintech**.

TechMic 2k25: Primary Objectives

- To create awareness and improve students' knowledge on topics beyond the curriculum
- To improve knowledge of students, specifically in the domains of Conversational AI and various Fintech applications of AI
- To encourage students from various disciplines of engineering to take an active interest in cutting-edge AI technologies that have become integral to modern life
- To encourage student participation in technical competitions at various levels

TechMic 2k25: Description of sub-themes

- **Sub-Theme 1: Conversational AI** aims to create seamless, context-aware interactions that go beyond pre-programmed scripts, making machines feel like a real person. It encompasses Generative AI, Explainable AI, and also Natural

Language Processing applications like Chatbots, Machine translation etc. with several futuristic applications.

- **Sub-Theme 2:** **AI for Fintech** encompasses knowledge of Blockchain and Cryptocurrencies, Algorithmic Trading, financial risk modeling, compliance monitoring, transaction analysis, cross-border payment systems etc. with applications that are increasingly becoming integrated in our lives.

Event location and timings

- **Date:** 7th October, 2025
- **Time:** 1.15 PM to 5.30 PM
- **Venue:** *Round 1*: Lab 1, Lab 2 of IT Dept; *Round 2*: First Floor AV Room

Faculty Co-ordinators

- Prof. (Dr.) Mita Parikh (R&D Representative, IT Dept)
- Prof. (Dr.) Dhruti Sharma (R&D Representative, AI-DS)

Student Co-ordinators

- Nidhi Sakariya (BTech IV, IT)
- Tanisha Agarwal (BTech IV, IT)

Number of Participants: 96 registered Participants (Students of BTech I to BTech III of various departments of Engineering)

Poster of TechMic 2k25 – Emerging AI Technologies

Highlights of the event

- TechMic 2k25 received an enthusiastic response from the student fraternity with participation across various disciplines of engineering. Participants comprised undergraduate students pursuing BTech in 'Information Technology', 'Artificial Intelligence and Data Science', 'Computer Engineering', 'Electronics and Communications' and 'Instrumentation and Control', 'Civil Engineering' and MCA.
- The event comprised of two rounds: 1) Quiz Round and 2) Researcher's Spotlight

- **Quiz Round:** In the online *Quiz Round* students answered 30 randomized Multi-Choice-Questions on AI Technologies and related topics. Twenty students were shortlisted from this round based on their scores. The shortlisted students appeared in the next round i.e. the *Researcher's Spotlight*.
- **Researchers' Spotlight:** In this round, the shortlisted candidates made a 10-minute presentation on their prior registered sub-theme i.e. either **'Conversational AI'** or **'AI for Fintech'**. After presentation, candidates answered technical questions posed to them by jury members. The purpose of the second round was to evaluate students' preparation, public speaking skills, domain knowledge on the selected topic, ability to communicate effectively in stipulated time and ability to answer the questions posed to them by the jury. **Dr. Ankit Kharwar** (Branch: Information Technology) and **Prof. Karishma Desai** (Branch: Artificial Intelligence and Data Science) were the jury members for this round.

List of Winners for the theme: Conversational AI

1. Harsh Surti
2. Renil Dholariya

List of Winners for the theme: AI for Fintech

1. Bhavya Tharakan
2. Twisha Sawani

The event concluded with a prize distribution ceremony in which Prizes and Certificates were awarded to all the winners.

Acknowledgements

We are grateful to Sarvajanik University and Sarvajanik College of Engineering and Technology for providing the necessary infrastructure to conduct the R&D event. We also thank Dr. Hiren Patel, Principal, SCET for his guidance. We sincerely thank Dr. Utpal Pandya, Dean R&D for his motivation towards organizing **Techmic 2k25 – Theme: Emerging AI Technologies**. We thank Dr. Vivaksha Jariwala, HOD, IT Dept for her unwavering support during all aspects of the event. We thank the student coordinators and student volunteers for their enthusiastic effort in promoting Techmic 2k25 and assisting with all the arrangements. We are grateful to all faculty members, lab-assistants and lab-attendants for their direct and indirect support during this event. Finally, we thank the participants for their participation towards making this event a grand success.

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Glimpses from Techmic 2k25 - Emerging AI Technologies

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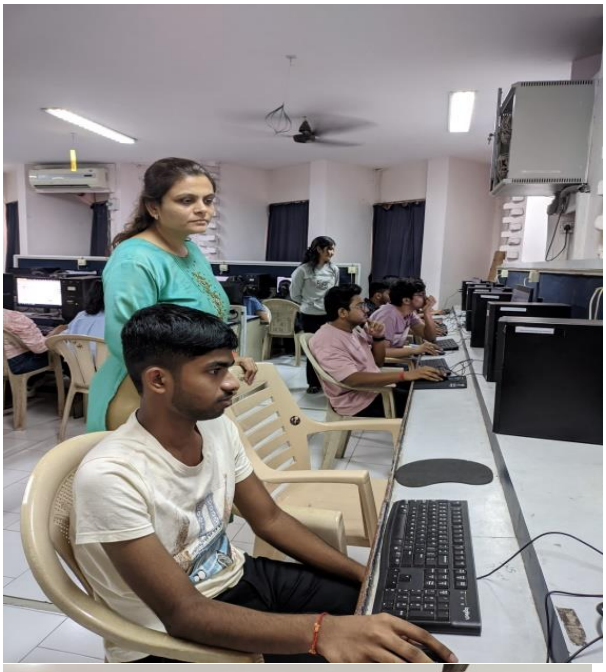

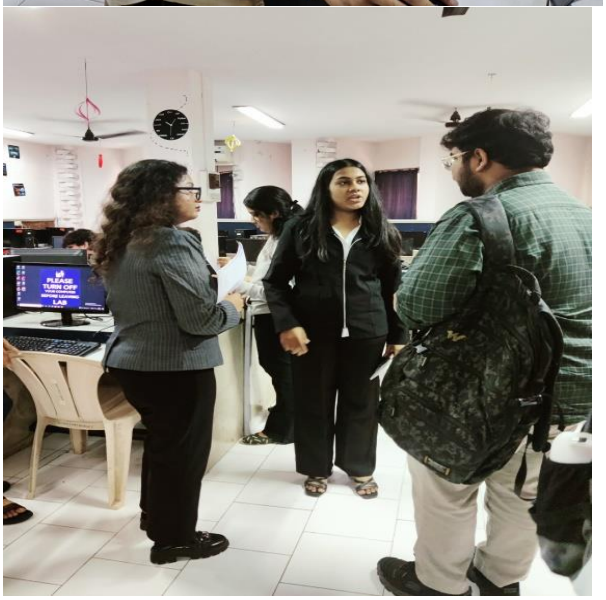

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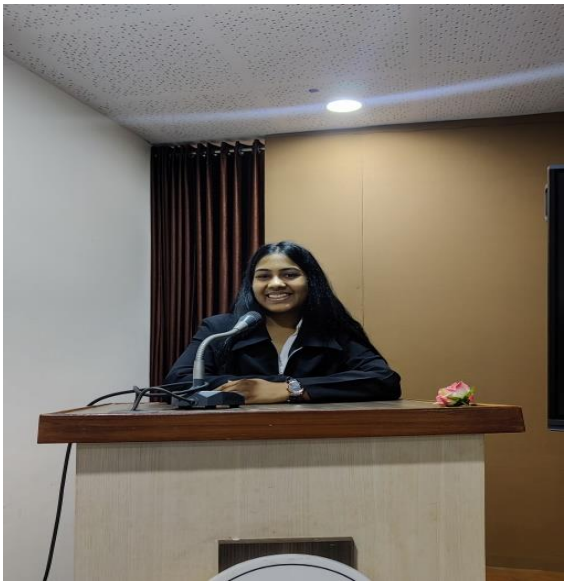

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