

Sarvajanik College of Engineering and Technology

Department of Computer Engineering

Academia-Industry Meet 2026 (AIM 2026) in association with R & D Cell, SCET



Objectives of the Talk:

- To create awareness among students about emerging industry technologies through insights shared by distinguished industry experts.
- To bridge the gap between theoretical knowledge in academia and practical applications in industry.
- To make students aware about the skills they should develop to be industry ready.
- To explore partnership opportunities between academia and industry to promote joint academic activities.

Date & Day: 5th February 2026 (Thursday)

Time: 10:00 AM to 1:20 PM

Venue: TIFAC Seminar Hall

Attendees: 200+ attendees (Students of BE II of Computer Engineering Department)

Speakers:

Dr. Bhargav Dave, Founder and CEO at VisiLean Oy, Ahmedabad

Mr. Mantavya Gajjar, Director of Odoo IN, Gandhinagar

Mr. Ashvin Savani, Founder of Avinashi.ai, Surat

Mr. Rohan Nanavati, Founder of ROAR Studios, Surat

Mr. Hardik Desai, Founder and CEO at Melzo.com, Surat

Mr. Mahendra Sondagar, Chief Technology Officer, DOTCOM IOT LLP, Surat

Coordinator: Prof. (Dr.) Mayuri Mehta, Prof. (Dr.) Nirali Nanavati, and Prof. (Dr.) Rachana Oza

Summary of the Event:

The Department of Computer Engineering in association with R&D Cell, SCET organized an Academia-Industry Meet on 5th February 2026. The AIM-2026 brought together a diverse group of developers, engineers, and industry experts to discuss the latest trends, technologies, and challenges in the industry. The AIM featured expert speaker presentations, engaging panel discussions, valuable networking opportunities, and meaningful knowledge exchange among participants.

The AIM 2026 began with the introduction and felicitation of the speakers by the faculty members. The first speaker, **Mr. Avinash Savani**, shared insights on “Internship as success in AI Era”. He delivered an

insightful session on the current impact of Artificial Intelligence and highlighted how students can effectively leverage AI to secure quality internship opportunities, as well as utilize it to streamline everyday routine tasks. He emphasized the importance of possessing foundational coding skills and encouraged students to focus on developing practical competencies rather than relying solely on rote learning of concepts. Additionally, he underscored the significance of meaningful internship experiences, describing them as crucial stepping stones in shaping one's professional journey. He also advised students to actively participate in extracurricular activities during their college years to foster holistic development and enhance overall career prospects.

The second speaker, **Dr. Bhargav Dave**, spoke on the topic "Intersecting Civil Engineering and Computer Science", addressing the massive physical and financial waste plaguing the construction industry. He advocated for a transition from Industry 4.0 to Industry 5.0, emphasizing human-centric and resilient systems over pure automation. Central to his talk was the concept of "Digital Twins" - live 3D virtual models used to visualize infrastructure and optimize logistics. Illustrating this, he shared case studies like the Dublin hyperscale data centers, where digital tools reduced fit-out times from 21 to 9 days. He also highlighted the Pune Metro project, which utilized drone data and photogrammetry for efficient remote monitoring. The talk concluded by reinforcing that technology like AI must solve actual problems rather than serving as mere novelty.

Further, **Mr. Mantavya Gajjar**, spoke on the topic "Rapid technological evolution in the IT industry", specifically the transition from traditional computing to the era of AI and automation. He highlighted that AI tools like ChatGPT, GitHub and Copilot are transforming software development by drastically increasing efficiency, shifting the developer's role from manual coding to high-level problem-solving. Drawing from his experience at Odoo, he discussed the modernization of ERP systems and the necessity for businesses to integrate sales and inventory in real-time. Mr. Mantavya expressed a strong preference for hiring adaptable interns through 24-hour hackathons rather than experienced professionals who may resist new workflows. He advised students to look beyond "big name" MNCs, suggesting that mid-sized companies offer better growth opportunities, and urged them to become versatile solution providers rather than just language specialists.

Next, **Mr. Rohan Nanavati**, who spoke on the topic "Integrating engineering with User Experience (UX)", highlighted that design adds purpose to technical logic. Sharing his transition from coding to creative design, he debunked the myth that UX is solely about visuals, defining it instead as the total physical and digital experience. He used the "chocolate wrapper" analogy to illustrate that while the core product is the "chocolate," the UI is the necessary vessel for delivering value. He stressed that engineers are the true enablers of UX, capable of making or breaking a user's journey through system performance and error handling. Citing real-world work with brands like Socio, he urged students to look beyond titles like "Computer Engineer." The session concluded with advice on mastering communication and adaptability, encouraging attendees to evolve into holistic problem solvers in a hybrid world.

Then, **Mr. Mahendra Sondagar**, who addressed the topic "Biomedical devices and IoT", provided a comprehensive overview of the wearable technology landscape, ranging from EEG headsets to smart insoles. He detailed the technical architecture of these embedded systems, explaining the critical data flow from analog sensing and noise filtering to digital conversion and cloud-based AI analysis. The session highlighted the shift towards preventive healthcare through 24/7 monitoring and introduced emerging innovations like

battery-less NFC patches for glucose monitoring. Emphasizing the fusion of hardware and software, he encouraged students to develop skills in firmware and analytics to capitalize on the growing global market for predictive health solutions.

The summit's final presenter, **Mr. Hardik Desai**, who delivered a talk on the topic "Augmented Reality (AR) and Virtual Reality (VR)", delivered a seminar that redefined technology through the lens of social impact and resilience. He showcased a custom-built VR simulator chair, explaining how ESP32 microcontrollers and linear actuators integrate to create immersive physical feedback. Emphasizing that technology must improve lives, he shared a case study where his team installed VR labs in remote schools, allowing students to virtually witness historical events like the Dandi March. Drawing from his own eight-year journey to secure a patent, he encouraged students to find innovation in everyday objects. He also highlighted a defense project involving a 3D-printed simulator for the 84mm Carl Gustaf Rocket Launcher, demonstrating how AI tools served as a "Brahmastra" to accelerate complex development tasks. The session concluded with a look at future installations at Science City Guwahati, motivating students to leverage AI to drive global change.

In the end, we had an engaging question and answers session through panel discussion between students and speakers, where speakers solved the student's questions with their profound knowledge and industrial expertise.

We extend our sincere gratitude to our honorable principal Dr. Hiren Patel for permitting us to organize this meet. His constant support and guidance inspire us to organize such enlightening events for our fellow students and colleagues. We are also thankful to Dr. Utpal Pandya, Dean, R&D and Dr. Dipali Kasat, HOD, Department of Computer Engineering for encouragement and prompt support always. We extend our earnest gratitude to all the speakers for accepting our invitation and sparing their valuable time to be with us for the Summit. Sincere thanks to all the student volunteers, lab assistants and lab attendants for making necessary arrangements for this session. Thanks to all staff members of the Computer Engineering department for extending their help in all the possible ways whenever required. Last but not the least, we are very thankful to all the participants for their active presence during the session.

Photos of the event:





