

## **EC Department Newsletter**

1. We are pleased to share that Ms. Geethanjali Chougule, a 3rd-year ECE student from MITK, has officially joined the Space Exploration and Research Agency (SERA) Unity Mission 2025 as a candidate. This exciting opportunity marks the beginning of her journey with SERA, where she aims to learn, grow, and contribute alongside passionate individuals committed to exploring the universe.

Adding to her remarkable achievements, Geethanjali recently had the honor of representing India at the Asia Youth International Model United Nations (AYIMUN 2025) in Kuala Lumpur, Malaysia. As a delegate in the UNCTAD Council, she engaged in research-driven discussions, presented innovative solutions to global challenges, and debated with delegates from various countries under the guidance of professionals.

This experience not only strengthened her analytical thinking, research skills, technical presentation abilities, and diplomatic negotiation skills, but also allowed her to build valuable

international connections with like-minded peers from across the globe.

Geethanjali's dedication and achievements are a testament to her passion for space research, global diplomacy, and continuous learning. We congratulate her on these inspiring accomplishments and look forward to witnessing her future contributions to both space exploration and international research initiatives.

2. The ECE department is proud to announce that our students – Manvith Devadiga, Mohamed Shamma, Kiran M, and Karthik Shetty – have successfully published a research paper titled “An Internet of Things based mobile-controlled robot with emergency parking system” in the IAES International Journal of Robotics and Automation (IJRA), Vol. 14, No. 3, September 2025. This research demonstrates how IoT and embedded systems can be combined to design a mobile-controlled robot with advanced safety features, including an emergency parking system, using the ESP32 microcontroller for real-time control, automation, and efficiency.

We extend our heartfelt thanks to Prof. Dr. Abdul Kareem, Assistant Professor Varuna Kumara, and Vishwanath Madhava for their guidance and mentorship throughout this journey.

This achievement is a proud milestone for the ECE department, reflecting the talent, innovation, and dedication of our students in advancing IoT, robotics, and smart mobility solutions.

3. We are delighted to share that our talented students – Bhoomika, Vidyashree, Kashvi, and Sanjana – secured 6th place at the AIINNOVATION\_25 Hackathon, organized by NMAMIT, Nitte and powered by Kyndryl & Microsoft.

From conceptual ideas to the final pitch, the team demonstrated innovation, teamwork, and technical expertise in the competitive AI landscape. Their outstanding performance highlights the creativity and dedication nurtured at NMAMIT.

4. Mr. Sunag, from the Department of ECE at MITK, has secured a placement at Mirafra Technologies.

