



SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

RAIC ACTIVITIES

August 2023 to April 2024

1. **Inauguration Ceremony:**

The Electronics and Communication Engineering Association, IETE Students Forum (ISF), and Robotics and Artificial Intelligence Club (RAIC) were inaugurated for the academic year 2023-24 at Sri Venkateswara College of Engineering (SVCE) on 11.08.2023. The ceremony featured Chief Guest Mr. Arulmani Arunachalam, who shared valuable insights and inspired the students.

2. **RAIC Mentorship Programme (Phase I):**

The Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering (SVCE) successfully organized Phase I of its Mentorship Programme, focusing on "Basics of Robotics and IoT". The programme was held in a hybrid format and catered to about 30 second-year students. The sessions were conducted by experienced RAIC Mentors, providing valuable insights and hands-on experience to the participants.

3. **Voltage Verdict:**

The Electronics and Communication Engineering Association (ECEA), IETE, and Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering (SVCE) organized the Voltage Verdict event on August 30, 2023. The event consisted of two rounds: Round 1 featured multiple-choice questions (MCQs), and Round 2 focused on circuit debugging. The event aimed to enhance students' technical skills and understanding of electronics and was attended by 80 participants.

4. **UPAGRAHA 2023 – National Level Technical Symposium:**

The Electronics and Communication Engineering Association (ECEA), IETE-SF, and RAIC of Sri Venkateswara College of Engineering (SVCE) successfully organized UPAGRAHA 2023, a national-level technical symposium, on 11th and 12th October 2023. The event was inaugurated by Smt. Ramya, AGM, NEC and attracted 350 participants from various engineering colleges across Tamil Nadu. On Day 2, the events were graced by Dr. V. Narayanan, Director of the Liquid Propulsion Systems Centre (LPSC) at ISRO, a distinguished scientist renowned for his pivotal role in advancing India's space exploration capabilities. The symposium featured 10 technical events, fostering innovation and

collaboration among students. UPAGRAHA 2023 was a resounding success, with enthusiastic participation and engagement throughout.

5. Enigma 2023:

The Electronics and Communication Engineering (ECEA), IETE-SF, and RAIC of Sri Venkateswara College of engineering organised Enigma 2023, an event involving a fusion of problem solving and encryption skills. The event took place on 20th December 2023. It was inaugurated by Dr. Jothilakshmi Assistant HoD. The event consisted a team of two undergoing intriguing cipher challenges and was overall a great success among the students. Winners were felicitated by Dr. G.A. Sathish Kumar HoD.

6. Trackbot 2023:

The Electronics and Communication Engineering Association (ECEA), IETE Students Forum (ISF), and Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering (SVCE) organized the Trackbot intercollegiate event on February 13, 2024. The competition featured teams of three participants each and aimed to foster collaboration and innovation among students. The event had a significant impact on participants, enhancing their skills and knowledge in robotics and artificial intelligence.

7. Technoways 2024:

ECEA, IETE-SF and RAIC of Sri Venkateswara College of Engineering organised events in the two day intercollegiate Technical festival - Technoways 2024 on 15/03/24 and 16/03/24. Day 1 consisted of two events, Electro-Craft challenge and Spark Quest representing ECE department RAIC played a crucial role. Day 2 consisted of Chip Connect Embedded Systems; Paper prism organised by the clubs of department of ECE. The events were well-received, with participants praising the depth of technical content and networking opportunities.

8. RAIC Mentorship Programme (Phase II):

The Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering (SVCE) organized Phase II of the Mentorship Programme on "Introduction to AI and ML" in the Second half of the academic year. The programme was conducted in a hybrid format for about 30 second-year students. Classes were led by experienced mentors from RAIC, providing valuable insights and hands-on experience in the fields of artificial intelligence and machine learning.

9. Make-a-Thon 5.0:

The Electronics and Communication Engineering Association (ECEA), IETE-SF, and RAIC successfully organized the 24-Hour Make-a-Thon 5.0 from March 2023, accommodating 36 teams from SVCE and other colleges. This innovative event provided a platform for students to collaborate and develop creative solutions within a limited timeframe. The Make-a-Thon featured esteemed dignitaries, including Dr. N. Venkateswaran, Professor at SSN, Mr. Sandeep, Software Engineer at BoAt, and 10 alumni members, who shared their insights and expertise, enriching the experience and fostering a spirit of learning and innovation among the participants.

10. Valedictory Ceremony:

The Electronics and Communication Engineering Association (ECEA), IETE, and Robotics and Artificial Intelligence Club (RAIC) of Sri Venkateswara College of Engineering (SVCE) organized the Valedictory Function for the year 2023-24 on 27.04.2024. The ceremony featured guest lecture on “Role of Embedded Systems in Assistive Healthcare Technologies” by Mr. Prashanna Rangan R, Senior Mechatronics Engineer at THRYV Mobility. The event was conducted in offline mode for 130 second year and third year students of the Department of Electronics and Communication Engineering.