

A REPORT ON THE CLUB ACTIVITY “ELECTROQUEST: Solve me if you can!”

The **Department of Electronics and Communication Engineering**, under the banner of **E-FORZA Club**, organized an exciting two-day technical event titled **“ELECTROQUEST: Solve me if you can!”** on the **16th May 2025**. This high-energy competition aimed to sharpen core technical skills and promote hands-on problem-solving among ECE students.

This event was conducted and coordinated by **Mr. Vijaykumar S (AP/ECE) and Ms. M Poornima (AP/ECE)**. The event was conducted in Room No. 350 and 351 from 1.30 PM to 3.30 PM.

The main objective of this event was to test and strengthen the core technical competencies of students in domains such as digital electronics, microcontrollers, communication systems, and circuit design. The event encouraged critical thinking, speed, precision, and collaborative learning through a competitive framework that mimicked real-world engineering problem-solving scenarios.

Mr. Nahar Singh, a distinguished industry expert and the chief guest for the event, evaluated the club activity. His technical expertise and industry perspective added immense value to the event, and his feedback was highly appreciated by all participants. He commended the students for their innovative approaches and quick thinking.

The competition was conducted in two rounds. It consisted of rapid-fire multiple-choice questions covering subjects from previous semesters. Each team, consisting of two members, was required to answer questions within a span of 15 seconds. This round tested not only the technical accuracy of the participants but also their speed in recalling and applying fundamental concepts. The top 6 teams from the 6th semester and 12 teams from the 4th semesters were shortlisted based on their performance in this round.



Mr. Nahar Singh addressing the participants

The next round was conducted and was a descriptive and application-oriented challenge. Participants were tasked with solving five descriptive problems related to circuit design, debugging, Verilog/ARM-based coding, digital logic, and waveform analysis. This round emphasized the practical application of technical knowledge and required a deeper understanding of electronic systems. Teams were evaluated based on their clarity of explanation, technical accuracy, and problem-solving approach.



Participants from the 4th semester

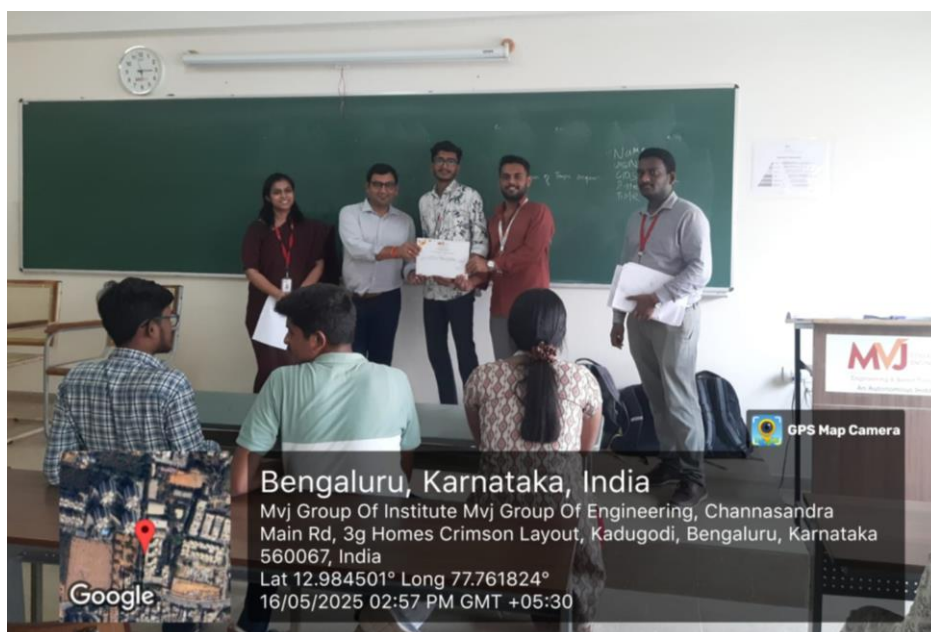


Participants from the 6th semester

The winners of the competition were announced after a detailed evaluation. In the 4th semester category, the team of Ayush Yalasangi (1MJ23EC017) and Abhishek Puranik (1MJ23EC003) emerged as the winners. For the 6th semester, Varun C P (1MJ22EC163) and Vishal D G (1MJ22EC157) secured the top position. The team of Prajwal R Kanaka (1MJ23EC109) and Nikhil Reddy (1MJ23EC092) was declared the overall runners-up. The winners were felicitated with certificates in recognition of their outstanding performance.



Mr. Nahar Singh distributing the certificate to the winners of 6th semester



Mr. Nahar Singh distributing the certificate to the winners



Mr. Nahar Singh distributing the certificate to the runners-up

The smooth execution of the event was made possible through the dedicated efforts of the student coordinators, whose contributions were vital to the success of the event. From the 6th semester, Siddaling Nagavimath (1MJ22EC133), Lavanya R (1MJ22EC081) and B S Vivek (1MJ22EC024) took charge of organizing logistics, coordinating between faculty and participants, and ensuring that each round progressed without any hurdles.

Equally commendable were the efforts of the 4th semester coordinators—S Nitin (1MJ23EC123), Nitin R (1MJ23EC095), and Eeshwar (1MJ23EC044)—who efficiently

managed registrations, communication, and on-ground support. Their teamwork, leadership, and enthusiasm played a crucial role in the seamless flow of the two-day competition.

Overall, this club activity was a highly engaging and intellectually stimulating event that successfully met its goal of reinforcing core technical skills and encouraging a culture of innovation among ECE students. It stood as a testament to the department's commitment to holistic student development through experiential learning. The E-FORZA Club looks forward to organizing more such events that bridge the gap between academics and industry expectations.

Certificates have been issued to the following students.

SEMESTER	USN	NAMES
4 th – Winner Certificate	1MJ23EC017	Ayush Yalasangi
	1MJ23EC003	Abhishek Puranik
6 th – Winner Certificate	1MJ22EC163	Varun C P
	1MJ22EC157	Vishal D G
4 th – Runner Certificate	1MJ23EC109	Prajwal R Kanaka
	1MJ23EC092	Nikhil Reddy
4 th – Coordinator Certificate	1MJ23EC123	Nithin S
	1MJ23EC095	Nithin R
	1MJ23EC044	Eeshwar
6 th – Coordinator Certificate	1MJ22EC133	Siddaling Nagavimath
	1MJ22EC081	Lavanya R
	1MJ22EC024	B S Vivek
	1MJ22EC141	Sowmya N

