



**K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



## **ELECTROHACK 2.0 HARDWARE/SOFTWARE HACKATHON 2026**

**Date of Conduction: 14/03/2026**

**Venue: KSIT**

**Time: 11.00 am – 7.00 pm**

**Duration: 8 hrs**

**Sponsoring Bodies / Associating Organization: KSIT IEEE SB, ISTE, IETE, IEI, Garut Club, Antariksha Club**

**Description of the Event:** We conducted an 8 hrs of Hardware Hackathon on 14/03/2026 with the aim of innovation and creativity among students passionate about hardware development. The event provided a platform for students to collaborate, showcase their technical skills, and solve problems using the hardware kits provided.

Electrohack was conducted in both Hardware and Software streams. Participants were given problem related to fire management for the hardware domain where as for software domain the problem statement revolved around addressing a societal need. The problem statements were revealed one by one, with a short explanation of its context and expected outcomes.

Teams presented their initial designs and implementation plans and the teams showcased partially completed prototypes, receiving final suggestions for improvements or adjustments.

The evaluation phase began with a briefing by the event coordinator, who explained the judging criteria and expectations. Teams were reminded to highlight key aspects of their projects during their presentations.

### **Objectives / Key Highlights:**

1. Students should learn to analyze a problem

2. Student should learn to work in teams.
3. Student should understand to approach a problem with a new perspective.

**Participant details - No. of Participants: 240**

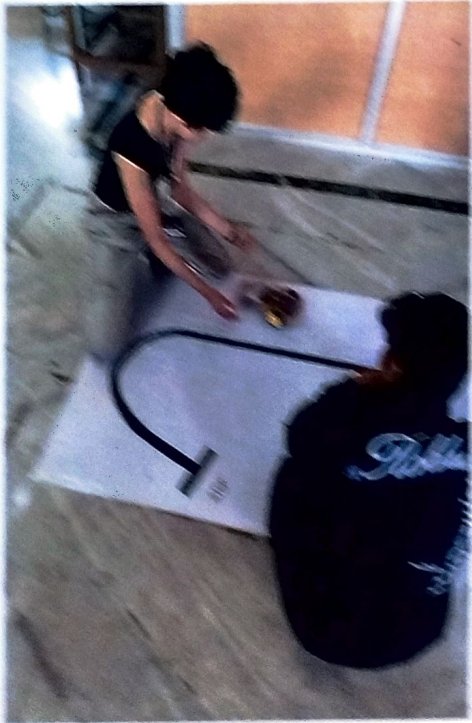
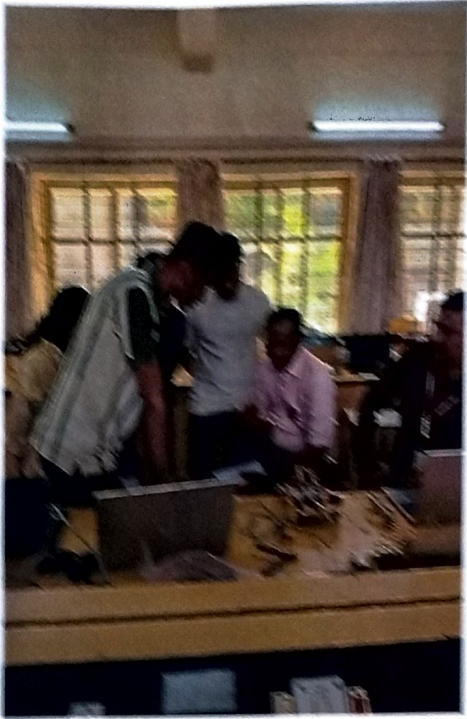
**Students (internal/external): external and internal**

**Faculty: Mrs. Bhargavi Ananth, Mrs. V Sangeetha,**

**Mr. Christo Jain**

**Photos (Geo Tagged) :**







**Outcomes / Benefits:**

1. Students understood the importance of problem solving.
2. Students understood the importance of working in teams.
3. Students gained a lot of practical knowledge and exposure.

**CO/PO&PSO mapping**

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Mapping strength	3	3	3	3	3	-	2	2	3	3	-	3

*V.S.H*

**Coordinator Sign**

*P. S. H*  
**HOD**

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**Principal**

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