



**IEEE Malabar Subsection**



# REISE

## Roadmap To Success

ORGANIZED BY  
**IEEE SB GEC PALAKKAD**

IN ASSOCIATION WITH  
**IEEE MALABAR SUBSECTION**

HAPPENING ON  
**AUGUST 7TH AND 8TH**



IEEE SB GEC PALAKKAD | IEEE MALABAR SUBSECTION

## EXECUTIVE SUMMARY

**“REISE: Roadmap to Success”** is organized by **IEEE SB GEC Palakkad** in association with the **IEEE Malabar Subsection** as part of the **Silver Jubilee Celebrations of GEC Palakkad**. This event aims to inspire and guide school students toward building a strong foundation for their future through experiential learning and interactive sessions.

The proposed workshop will be conducted over two days — **August 7 and 8, 2025** — in the various department laboratories of GEC Palakkad. We are expecting around 30 students from Grades 8 and 9 from nearby schools, coordinated through the Block Resource Center (BRC), Kadampazhipuram, Palakkad

## OBJECTIVES

The core aim of this program is to introduce school students to the fundamentals of science, technology, and career planning through engaging hands-on sessions across different engineering domains. Each workshop is curated to bridge the gap between school curriculum and real-world applications, thereby nurturing their curiosity and interest in STEM careers. The following are the workshops organized under various departments.

- **CE:** Introduction to mechanical properties, test of materials.
- **EEE:** Introduction to basics of digital electronics.
- **ME:** Study of mechanical tools, components and their applications.
- **ECE :** Familiarization of DSO and logic gates.
- **IT:** Introduction to chatbot making.
- **CSE:** Introduction to cybersecurity.

## REVISED TIME SCHEDULE:

- Time: 9:30 AM to 4:00 PM
- Workshops per Day: 3 (Each of 1 hour and 30 minutes duration)
- Lunch Break and Tea and snacks break in between.

## DAY-WISE SCHEDULE:

### DAY 1 – AUGUST 7 (THURSDAY):

1. 9:30 AM - 10:15 AM → Introduction session
2. 10:15 AM – 10:30 AM → Tea Break
3. 10:30 AM – 12:00 PM → Electrical Lab (Microprocessor Lab)
4. 12:00 PM - 12:45 PM → Lunch
5. 12:45 AM - 2:15 PM → Civil Material Testing Lab
6. 2:15 PM - 2:30 PM → Tea Break
7. 2:30 PM – 4:00 PM → IT Lab (Programming Lab)

### DAY 2 – AUGUST 8 (FRIDAY):

1. 9:30 AM - 11:00 AM → CSE Lab (Software Lab)
2. 11:00 AM - 11:15 AM → Tea Break
3. 11:15 AM - 12:45 PM → Mechanical Basic Workshop
4. 12:45 PM – 1:30 PM → Lunch

5. 1:30 PM - 3:00 PM → Electronics Lab (Digital Electronics Lab)
6. 3:00 PM - 4:00 PM → Closing ceremony (with Tea and snacks)

**EXPECTED PARTICIPANTS:**

- Students: 35
- Volunteers and Organizers (6 per department): 35

**ADDITIONAL NOTES:**

- All logistical arrangements inside the campus, refreshments, safety measures, and academic support will be handled by our organizing team.
- A detailed volunteer list for duty leave will be submitted upon approval.

**FACULTY COORDINATORS:**

- **Dr. Dhanya K M** (Branch Counselor, IEEE SB GEC Palakkad) - 9995486437
- **Dr. Vinita Chellappan** (Vice Chair, IEEE Malabar Subsection) - 9495070478

**STUDENT COORDINATORS:**

- **Devika V R** (Chairperson IEEE SB GEC Palakkad) – 9496967500
- **Ansaaf Anas** (Vice chairperson IEEE SB GEC Palakkad) – 8921840950
- **Adnan Rasheed** – 8921186340
- **Gayathri J Pisharady** – 9207747628
- **Parthiv Krishna** – 9037408360