



CLICK, CONNECT, CREATE VIRTUAL CIRCUIT LAB

2nd June, 2026 | 1:40 PM to 3:30 PM

Venue: Acharya Campus

About the Program

"This session is designed to introduce second-semester ECE students to explore about semiconductor components such as transducers through simulation-based experiments. Using virtual circuit tools, students will actively design, test, and analyze components as diodes, transistors and sensors. The activity bridges theoretical knowledge with practical understanding by providing a hands-on learning experience in a digital environment.

Objectives of the Program

- To enable students to understand various semiconductor-based components working simulation
- To provide hands-on experience in virtual circuit design and analysis
- To develop analytical and problem-solving skills to resolve real time problems

Expected Outcomes of the Program

- Students will be able to understand various semiconductor-based components working
- Students will gain conceptual clarity on the behaviour of diodes, transistors and sensors
- Students will develop confidence in interpreting circuit behavior using the various components

Target Audience: First year ECE students

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Committee Members

ADVISORY COMMITTEE

- Dr. C K Marigowda, Principal, AIT
- Dr. Rajanna K R, Dean- Students Affairs, AIT
- Dr. Mahesh S.S, First Year Coordinator Physics cycle, AIT
- Dr. Satish K, Head, Dept of Chemistry & First Year Coordinator, AIT

CONVENER

- Dr. Kavyashree D, Assoc. Professor and Head, Dept. of Physics, AIT

COORDINATOR

- Dr. Vasanthakumar M S, Assistant Professor, Physics Dept., AIT
- Dr. Ashok Kumar Satapathy, Assistant Professor, Physics Dept., AIT



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
Soladevanahalli, Bangalore - 560107, Karnataka, India.

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Event Coordinator

Dr. Vasanthakumar M S,
Assistant Professor,
Physics Dept., AIT