## ABOUT THE COLLEGE

Swarnandhra College of Engineering and Technology (Autonomous), located in Seetharampuram, Narsapur, West Godavari District, is a premier institution committed to academic excellence and innovation. The college fosters a dynamic learning environment that encourages research, technical advancement, and industry collaboration. With a strong focus on Skill Development and Emerging Technologies, SCET prepares students to meet Global Challenges with confidence and competence.

## ABOUT THE DEPARTMENTS

The Departments of Mechanical Engineering, Artificial Intelligence and Machine Learing, and Robotics focus on building innovation-driven engineers with strong practical skills and industry readiness. Emphasizing hands-on learning, advanced laboratories, workshops, and real-world projects, the departments train students in intelligent systems, automation, smart manufacturing, and modern robotic technologies preparing them to solve complex challenges in today's fast-evolving technological world.

## Student Coordinators

| | |
|---|---|
| Y.Pranay | 7569987577 |
| M.Dinesh | 7331131069 |
| M.Surya | 9347080132 |
| S. Swamy | 9390602533 |
| K. Bhargav | 8500751262 |
| K. Saiteja | 9959799454 |

### FOR ANY QUERIES, FEEL FREE TO CONTACT

Dr. Francis Luther King M

9944945562

8072482702

IN ASSOCIATION WITH

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## Chief Patrons

**Sri K.V. Satyanarayana,** Chairman
**Sri K.V. Swamy,** Treasurer
**Sri A. Srihari,** Director

## Patrons

**Dr. S. Suresh Kumar,** Principal
**Dr. A. Gopichand,** Vice-Principal

## Convenors

**Dr. B. Ramakrishna,**
HOD - AI&ML and AI&DS

**Dr. Francis Luther King M,**
HOD - Mech and Robotics

## Faculty Coordinators

**Dr.R.Lalitha Narayana,** Professor
**Dr.G.Sudhakar,** Professor
**Mr.R.V.Manikanta,** Assistant Professor

## Organizing Coordinators

**Dr. P.S.N. Raju,** Associate Professor
**Mr.B.Srinivas,** Associate Professor
**Mr. B.Mahesh Krishna,** Assistant Professor
**Mr. CH. Harish Kumar,** Assistant Professor
**Mr.V.Durgarao,** Assistant Professor
**Mr.P.T. Chiranjeevi,** Assistant Professor
**Mrs.B. Aswani Devi,** Assistant Professor
**Mrs.V.Sri Lakshmi,** Assistant Professor

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# SWARNANDHRA
## COLLEGE OF ENGINEERING & TECHNOLOGY
### (AUTONOMOUS)

Seetharamapuram, Narsapur 534280, West Godavari District, Andhra Pradesh, INDIA.

## A NATIONAL LEVEL HACKATHON

# DESIGN TO BUILD Challenge

## Powered by ASME, INDIA

24 HRS HACKATHON

# About

## Design to Build Challenge

The Design to Build Engineering Challenge high-energy, 24-hour National-level innovation multi-stage hackathon where teams apply classroom concepts design principles, algorithms, modelling, and engineering fundamentals to industry-relevant problem statements.

**Dates**: 17–18 March 2026

**Venue**: Swarnandhra College of Engineering and Technology, Narasapur, W.G.Dt.,Andhra Pradesh,India

**Format**: 24-hour onsite innovation challenge

Problem Statements: 5 industry-led challenges (released on 17 March morning). Teams choose and solve one problem statement.

**Eligibility**

- Open to students enrolled in UG, PG, or Diploma engineering programs.
- Non-engineering disciplines are not eligible.
- Team-based participation only.
- Team Size: 3–5 members (max 1 faculty mentor optional).
- Multiple teams allowed per institution.
- Valid student ID required.

# PROCESS

## IDEA SUBMISSION

Participants are required to submit their ideas for Round 1 on or before 8th March, 2026 (12:00 PM). All submissions must be made through the official submission link provided on the website under the "Submit Project" Section

**END: 8ᵀᴴ MARCH BEFORE 12:00PM**

## SCREENING ROUND

The submitted ideas will be evaluated in the screening round on 9th March, 2026 by the designated review panel. Shortlisted teams will be selected based on the evaluation criteria mentioned in the problem statement.

**MARCH: 9ᵀᴴ**

## TEAM ANNOUNCEMENT

The results of the screening round will be officially announced on 10th March, 2026. Shortlisted teams will be informed through the official communication channels and updated on the website.

**MARCH: 10ᵀᴴ**

## GRAND FINALE

The Grand Finale aims to celebrate innovation, creativity, and practical problem-solving skills demonstrated by the participating teams. Winners will be recognized and awarded meaningful prizes that contribute to their academic and professional development.

**START:17ᵀᴴ END: 18ᵀᴴMARCH**

# DOMAINS

- Robotics & Mechanical Design
- Electronics & Embedded Systems
- IoT
- Artificial Intelligence
- Control Systems
- Industrial/Product Design
- Safety Engineering
- Manufacturing & Generative Design
- Energy Systems
- Software Development

# INCLUDED IN PRICE

Food throughout the Event
Event merchandise(T-shirt,Hackathon Kit etc)
Exciting Prizes for Winners

# REGISTRATION DETAILS

Idea submission: 200/- per team

Hackathon Entry: 300/-per head (After screening )

# REGISTRATION

REGISTER BY SCANNING THE QR CODE

SCAN ME