

Department of Mechanical Engineering

in association with

The Institution of Engineers (India)

Organises

POSTER PRESENTATION

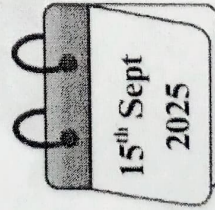
On the eve of

ENGINEERS' DAY 2025

Theme

Role of Engineers in Achieving Sustainable Development Goals

Cash Prizes to
Winners and Runners



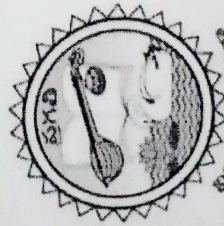
CORE BLOCK

(1st Floor)



Pragati Engineering College

(Autonomous)



శ్రీమతి పద్మావతి
Learning Is Supreme Duty



PRAGATI ENGINEERING COLLEGE

(Autonomous)

#1 378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G. Dist., A.P.
(Approved by AICTE, Permanently Affiliated to JNTUK Kakimada & Accredited by NAAC with A+ Grade)
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)
Ph: 08852 – 252233, 252234, 252235 Fax: 08852 – 252232, website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Academic year: 2025-26

Date: 13-09-2025

CIRCULAR

We are happy to inform you that Poster Presentation event is going to be organized to the Students of Mechanical Engineering on 15th Sept 2025 to commemorate the birth Anniversary of Shri Mokshagundam Visvesvaraya garu, in association with *The Institution of Engineers (India), Mechanical Local Chapter*. Students are advised to attend with Physical Poster to participate.

Theme: “Role engineers in achieving sustainable development goals”

Students are instructed to make use of this opportunity and express their Creativity and knowledge in the aspects of the Sustainable Development Goals and also integrate with your traditional knowledge that you are going through with respect to books.

Copy to:

1. Departmental file
2. III Cell Incharge – Mech Dept.
3. IE (I) Incharge – Mech Dept.



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DEPARTMENT OF MECHANICAL ENGINEERING

POSTER PRESENTATION

ON

“ROLE ENGINEERS IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”

AY 2025-26

Dt. 15.09.2025

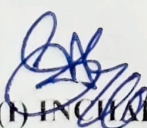
A Poster Presentation on **“ROLE OF ENGINEERS IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”** was conducted by Mechanical Engineering Department in association with *The institution of Engineers (India), Mechanical Local Chapter*. Dr. G Naresh, Principal, Dr. K Satyanaraya, Director (Academics) has officially inaugurated the session and Dr. G Avinash, Head of the Department, Mechanical Engineering Department shared insights to the students about Sustainable Development Goals followed by Judge introduction was done by Mr. M. Sunil Raj, Associate professor, Mechanical Engineering Department. 34 students participated in the event with 17 Posters.

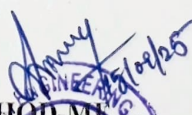
Mr. P. Rajashekar Phaneendra, Head of the Department, BS&H Department has evaluated all Posters designed by the participants and interacted with the students regarding the concepts underlying in the sustainable development goals and its real time exposure in daily life. He also stressed up on Sustainability and its role in paving path in green Future. All students are creative in designing new ideas through this event. By understanding the Goals of sustainability, engineers can develop innovative solutions to improve sustainability, reducing the carbon footprint. The 1st Prize awarded to students to IV Year B Section which has a concept on Reducing carbon footprint by using renewable resources. The judge has evaluated the students based on their communication skills, creativity and the presentation skills. Some of the pictures are provided below for your ready reference. Cash prizes awarded for Winners and Runners teams of the Poster presentation.

Topic Chosen : Role engineers in achieving sustainable development goals
 Date and Time of Event : 15th sept'2025 from 10 AM onwards
 Venue : E-classroom - Core Block

Pictures:




 IE (IN)CHARGE


 HOD-ME
 MECH-HOD
 PRAJNANATH ENGINEERING COLLEGE/VI
 SUDAMPALAM

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

Dt. 15.09.2025

ENGINEERS' DAY POSTER PRESENTATION TEAMS & TITLES LIST

S.NO	PARTICIPANTS NAME	ROLL NO	POSTER TITLE
1	P.SIVA SANKARI	23A35A0322	LIGHTING The Future With Nature's Power
2	K.ASHISH VARDHAN	22A31A0369	
	R.KRISHNA SRI	23A35A0314	
3	P.S.D.N LOVA RAJU	23A35A0323	From Clay Pots to Affordable Water Filters: Innovations for Clean Drinking Water
	V.VENKATA KOWSHIK	23A31A0351	
4	R.MANIDHEEP	23A31A0342	Hand-Powered Portable Water Purification Systems – No electricity, mechanical filtration
	T.NARASHIMAHAN	23A31A0348	
5	CHAKARA DORA	23A31A0328	From Open Dumping to Waste Segregation: Mechanical Pathways to Zero Waste
	V.VEERABADHRA TRINATH	23A31A0352	
6	G.VENKATA AJAY	23A31A0323	From Burning Plastics to Plastic Bricks: Turning Waste into Housing Materials
	R.RENUKA VIJAYA DURGA	23A31A0304	
7	N.SWAPNA	23A31A0303	From Scrap to Upcycled Products: Simple Engineering for a Circular Economy
	N.YASWANTH	23A31A0332	
8	M.HEMANTH SAI	23A31A0330	From Open Dumping to Waste Segregation: Mechanical Pathways to Zero Waste
	R.SAI KARTHIK	23A31A0344	
9	CH.VEERA VENKATA SATYANARAYAN	23A31A0317	From Hand Pumps to Solar Pumps: Rural Water Access Revolution
	D.AVANTHI	23A31A0302	
10	M.REVATHI	23A31A0304	From Open Canals to Smart Irrigation Systems: Engineering for Food Security
	G.VEERASAI SUBRAHMANYAM	23A31A0320	
11	G.MOHAN KRISHNA	23A31A0319	Generating Electricity From Waste
	MH.BALA BHAVANI SHANKAR	24A35A0307	
12	P.RISHIKESH	24A35A0310	Steam Engines to Hydrogen Cars: Reinventing Green Transport
	J.CHARISHMA	24A31A0304	
13	G.TRIJASRI	24A31A0302	Hybrid Solar-Thermoelectric Generators – Converting heat + light into power
	M.JYOTHIKA	24A31A0305	
14	K.HASINI	24A31A0307	Highways to Bicycle Tracks: Engineering Zero-Carbon Cities
	K.KRISHNA KUMARI	24A31A0306	
15	M.SOWMYA SRI	24A31A0308	Landfills to Waste-to-Energy Plants: Engineering Cleaner Cities
	V.SHIVANI	24A31A0311	
16	CH.DEEPIKA	24A31A0308	Leaded Petrol to Green Fuels: Engineering Cleaner Engines
	K.KUMESWAR	24A31A0336	
17	M.SIDHARDHA	24A31A0343	How To recycle The waste
	CH.NAVEEN TEJA	24A31A0317	
	M.SANTOSH	24A31A0338	Leaded Petrol to Green Fuels: Engineering Cleaner Engines