



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

#1-380,ADB Road,Surampalem-533437,Near Peddapuram, Kakinada Dist .A.P.

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada)

## DEPARTMENT OF MECHANICAL ENGINEERING

### ABOUT THE COLLEGE

PRAGATI ENGINEERING COLLEGE (PEC) is an autonomous engineering college established in the year 2001 as the flagship institution under the aegis of Gayatri Educational Society by Dr.Paruchuri Krishna Rao, with a vision to provide qualitative technical education accessible and affordable to aspiring students. The college offers 10 undergraduate and 04 postgraduate programmes with strength of 4857 students. Pragati Engineering College is approved by the All India Council for Technical Education(AICTE) and recognized by the University Grants Commission (UGC).PEC College is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A+' grade. The National Board of Accreditation (NBA) has accredited the departments of Computer Science and Engineering, Electrical and Electronics Engineering, and Electronics and Communication Engineering. Mechanical Engineering and Information Technology. Pragati Engineering College is permanently affiliated to JNTUK, Kakinada. The campus is spread over a lush green area of 25.2 acres.

#### VISION:

To emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be recognized as a Centre for Excellence in Research &Development, catering to the needs of our Country.

#### MISSION:

To realise a strong Institution by consistently maintaining state-of-the-art infrastructure and building a cohesive, world-class team and provide need-based Technical Education, Research and Development through enhanced Industry Interaction.

The College Offers Courses in the following Engineering Branches:

#### Under Graduate Programs:

- |   |             |
|---|-------------|
| 1. CIV – Civil Engineering  | – 060 seats |
| 2. EEE – Electrical & Electronics Engineering                     | – 060 seats |
| 3. MEC – Mechanical Engineering                                   | – 060 seats |
| 4. ECE – Electronics & Communication Engineering                  | – 240 seats |
| 5. CSE – Computer Science & Engineering                           | – 360 seats |
| 6. CAI – Computer Science & Engineering (Artificial Intelligence) | – 180 seats |
| 7. CSM – Computer Science & Engineering (AI & ML)                 | – 180 seats |
| 8. CSD – Computer Science & Engineering (Data Science)            | – 180 seats |
| 9. INF – Information Technology                                   | – 060 seats |
| 10. CSC – Computer Science & Engineering (Cyber Security)         | – 060 seats |

#### Post Graduate Programs:

- |   |            |
|---|------------|
| 1. Power Electronics & Electric Drives  | – 18 seats |
| 2. CAD/CAM                              | – 18 seats |
| 3. VLSI System Design                   | – 09 seats |
| 4. Computer Science & Engineering (CSE) | – 18 seats |



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## DEPARTMENT OF MECHANICAL ENGINEERING

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### ABOUT THE DEPARTMENT

Pragati Engineering College started an undergraduate (B.Tech) program in Mechanical Engineering in the year 2004 with 60 intakes and presently running with an intake of 60, in order to meet the educational needs of the K.G. basin. The Department of Mechanical Engineering caters to the regional and global human resource requirements. The student's of this department stood as college toppers in academics. The institution is located in the industrial corridor, and therefore, the students and teachers of the department benefit through Industry-Institute-Interaction.

The department is committed to strengthening the academic, research and functional abilities of the students, in order to enable them to stand as competent and versatile professionals after graduation. The department strives to enhance research activity in the department, thereby creating competent intellectual resources to the students.

The department occupies well equipped laboratories. The department conducts various events to reveal scientific, engineering, and technological advances to students. The students participate in events and national-level contests, conducted by various institutes. The members of the faculty have completed sponsored research projects.

#### VISION

To be a globally renowned school of mechanical engineering in transforming individuals into professional engineers with world-class competency and state-of-the-art research to fulfil the technological needs of society.

#### MISSION

The Department of Mechanical Engineering strives to

M1: Prepare, educate and guide students by the faculty from all domains of mechanical Engineering in enhancing their skills.

M2: Establish and utilise world-class resources and infrastructure to impart quality education and promote Research aptitude among faculty and students to pursue higher education in diverse fields.

M3: Explore the students' knowledge gradually through industrial interaction to increase their placement potential to fulfil the basic needs of society with ethical and social responsibility.





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### DEPARTMENT OF MECHANICAL ENGINEERING

## ABOUT STRIDES

STRIDES — an acronym for Students, Research, Innovation, Design, Entrepreneurship, and Symposium — stands as a vibrant testament to the vision, creativity, and technological excellence of our institution. More than a technical event, STRIDES has evolved into a celebration of innovation, interdisciplinary collaboration, and intellectual growth, providing a powerful About STRIDES

STRIDES — an acronym for Students, Research, Innovation, Design, Entrepreneurship, and Symposium — stands as a vibrant testament to the vision, creativity, and technological excellence of our institution. More than a technical event, STRIDES has evolved into a celebration of innovation, interdisciplinary collaboration, and intellectual growth, providing a powerful platform for students to explore, experiment, and excel.

The journey of STRIDES began in 2007 as a modest initiative led by four pioneering departments: Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Mechanical Engineering (ME), and Computer Science and Engineering (CSE). By 2011, STRIDES expanded into a unified technical platform, bringing together all departmental activities under a single banner and strengthening the culture of collaborative learning.

A major transformation occurred in 2023, when STRIDES embraced emerging domains by inducting the departments of Artificial Intelligence (AI), Data Science (DS), and Artificial Intelligence & Machine Learning (AI&ML). In the same year, the fest transitioned into a hybrid mode, enabling participation from both physical and virtual audiences, thus evolving into a truly global space for knowledge exchange and innovation without geographical boundaries.

STRIDES 2026 carried forward this spirit of excellence with each department presenting a distinct symposium theme:

1. CE – ELEVER
2. EEE – EXULT
3. ME – ERUDITE
4. ECE – e-JIVE
5. CSE – EPROZYNE
6. IT & CSE (CS) – EMITRIX
7. CSE (AI & ML) – E-ARTIFACT
8. CSE (DS) – E-DATUM
9. CSE (AI) – EBHIGNA



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## DEPARTMENT OF MECHANICAL ENGINEERING

### STRIDES 2K26 – A Bigger, Broader, and Bolder Edition

This year, Pragati Advanced Technology Hub (PATHUB) Presents STRIDES 2K26 grows further in scale and diversity by introducing exciting new components along with the existing 10 departmental technical symposiums:

- Pragati Internal Hackathon — a campus-wide innovation challenges encouraging problem-solving, rapid prototyping, and teamwork.
- E-Prerana — promoting entrepreneurship, start-up culture, business pitching and innovation-driven thinking among students.
- The STRIDES 2K26 Schedule is given below

Date & Day	Name of the Event
06.01.2026 Tuesday	E-Prerana 2K26
	Pragati Internal Hackathon
07.01.2026 Wednesday	Dept. of CSE (DS) – <i>EDATUM</i>
	Dept. of CSE (AI & ML) – <i>E-ARTIFACT</i>
	Dept. of ME – <i>ERUDITE</i>
	Tech Splash Event: AI Tools
08.01.2026 Thursday	Dept. of IT & CSE (CS) – <i>EMITRIX</i>
	Dept. of ECE – <i>e-JIVE</i>
	Dept. of CE – <i>ELEVER</i>
	Tech Splash Event: Quantum Computing
09.01.2026 Friday	Dept. of CSE – <i>EPROZYNE</i>
	Dept. of CSE (AI) – <i>EBHIGNA</i>
	Dept. of EEE – <i>EXULT</i>
	Tech Splash Event: Cyber Security





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Learning is Supreme Duty

## DEPARTMENT OF MECHANICAL ENGINEERING



# Pragati

## Engineering College

(AN AUTONOMOUS INSTITUTION)

# 3-180, ADB Road, Surampalem, Kakinada District, A.P - 533437

**PATHUB**  
Pragati Advanced Technology Hub

# Presents

# STRIDES

... exploring the technology frontiers

## 2k26

EDATUM  
Dept. of  
CSE (DS)

EARTIFACT  
Dept. of  
CSE (AI&ML)

EPROZYNE  
Dept. of  
CSE

EBHIGNA  
Dept. of  
CSE (AI)


EMITRIX  
Dept. of  
IT & CSE (CS)

ELEVER  
Dept. of  
CIVIL

e-JIVE  
Dept. of  
ECE

EXULT  
Dept. of  
EEE

ERUDITE  
Dept. of  
MECH



<https://pragati.ac.in/strides2k26/>

**ONLINE MODE**

**CHIEF PATRON**  
Dr. P. Krishna Rao  
CHAIRMAN

**PATRON**  
Dr. G. Naresh  
PRINCIPAL

**CONVENOR**  
Mr. G. Satya Mohan Chowdary  
HoD - IT





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## DEPARTMENT OF MECHANICAL ENGINEERING

### News Paper clippings:

#### విద్యార్థుల సాంకేతిక నైపుణ్యాన్ని ప్రదర్శించేందుకే "స్టైడ్స్ 2026"

గండేపల్లి జనవరి 7 (ప్రభాకర్ వార్త): విద్యార్థుల సాంకేతిక నైపుణ్యాన్ని ప్రదర్శించేందుకే "స్టైడ్స్ 2026" నిర్వహిస్తున్నట్లు ప్రగతి ఇంజనీరింగ్ కళాశాల చైర్మన్ డాక్టర్ పరుచూరి కృష్ణారావు తెలిపారు. డాక్టర్ సైన్స్ విభాగం "ఇ-దాటమ్ 2026" కు డాక్టర్ ఎస్.ఎస్.ఎస్.ఎస్. ఉషాచేపి ఎస్. అనిష్టంట్ ప్రాఫెసర్ ఆఫ్ సి.ఎస్.ఇ., జెఎన్ఐయ్య, సి.ఎస్.ఇ. ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ మెషిన్ లెర్నింగ్ విభాగం "ఇ-ఆర్టిఫిషియల్ 2026", కు డాక్టర్ ఎస్. రామకృష్ణయ్య, ప్రాఫెసర్ సి.ఎస్.ఇ.



విభాగాధిపతి, జెఎన్ఐయ్య మెకానికల్ విభాగం "ఎరుడైట్ 2026" కు డాక్టర్ కొప్పునాటి మీరా సాహెబ్, ప్రాఫెసర్ ఆఫ్ మెకానికల్ ఇంజనీరింగ్, జెఎన్ఐయ్య ముఖ్య అతిథిలుగా పాల్గొన్న కార్యక్రమం లో చైర్మన్ కృష్ణారావు మాట్లాడుతూ ఇంజనీరింగ్ విద్యలో విద్యార్థుల యొక్క సాంకేతిక నైపుణ్యాన్ని ప్రదర్శించడానికి ఇటువంటి సాంకేతిక సదస్సులు ఎంతగానో ఉపయోగపడతాయని పేర్కొన్నారు. అంతేకాకుండా ఈ విద్యాసంవత్సరం నుండి టెక్నికల్ ఈవెంట్లలో భాగంగా వివిధ కల్చరల్స్ ను కుదా నిర్వహిస్తున్నామని పేర్కొన్నారు. ఇంజనీరింగ్ విద్యలో ప్రయోగాత్మక పరిజ్ఞానం విద్యార్థులలో నైపుణ్యాలను పెంపొందించడానికి ఇటువంటి కార్యక్రమాలు ఉపయోగపడతాయని కళాశాల ప్రిన్సిపాల్ డాక్టర్ జి. నరేష్ తెలిపారు. ఈ కార్యక్రమంలో డైరెక్టర్ మేనేజ్మెంట్ ఎం.వి. హరనాథబాబు, వైస్ చైర్మన్ ఎం.ఎ. సతీష్, ప్రిన్సిపాల్ డాక్టర్ జి. నరేష్, డైరెక్టర్- అకాడమిక్స్ డాక్టర్. సత్యనారాయణ, స్టైడ్స్ 2026 కన్వీనర్ జి. సత్యమోహన్ చౌదరి, డీన్-రీరీ డెవలప్మెంట్ సెల్ డాక్టర్ ఎం. రాధికామణి, కంట్రోలర్ ఆఫ్ ఎగ్జామినేషన్స్ డాక్టర్ వై. జయరాజు, వివిధ విభాగాధిపతులు, సీనియర్ అధ్యాపకులు, విద్యార్థిని, విద్యార్థులు పాల్గొన్నారు.

గండేపల్లి .(మనసులో మాట) జనవరి 7.. గండేపల్లి మండలం సూరంపాలెం ప్రగతి ఇంజనీరింగ్ కళాశాలలో విద్యార్థుల సాంకేతిక అభివృద్ధిని (స్టైడ్స్ 2026) నిర్వహించారు. ఈ కార్యక్రమానికి డా. కొప్పునాటి మీరా సాహెబ్ ప్రాఫెసర్ ఆఫ్ మెకానికల్ ఇంజనీరింగ్, జెఎన్ఐయ్య వార్డు విద్యేశ్వరని కళాశాల చైర్మన్ డా. పి. కృష్ణారావు తెలియజేశారు. ఈ సందర్భంగా కళాశాల చైర్మన్ కృష్ణారావు మాట్లాడుతూ, ఇంజనీరింగ్ విద్యలో విద్యార్థుల యొక్క సాంకేతిక నైపుణ్యాన్ని ప్రదర్శించడానికి ఇటువంటి సాంకేతిక సదస్సులు ఎంతగానో ఉపయోగపడతాయని పేర్కొన్నారు. అంతేకాకుండా ఈ విద్యాసంవత్సరం నుండి టెక్నికల్ ఈవెంట్లలో భాగంగా వివిధ కల్చరల్స్ ను కుదా నిర్వహిస్తున్నామని పేర్కొన్నారు. ఈ సందర్భంగా ముఖ్య అతిథులు వివిధ విభాగాలను సందర్శించి వాటిలో ఉత్తమమైన వాటిని ఎంపిక చేసి ప్రథమ, ద్వితీయ, తృతీయ బహుమతులుగా సగదు బహుమతి అందజేశారు. ఆసంతరం వారు మాట్లాడుతూ, విద్యార్థిని, విద్యార్థుల యొక్క ప్రతిభను వెలికి తీయడానికి ఇటువంటి కార్యక్రమాలు ఉపయోగపడతాయని, వారి పరిజ్ఞానాన్ని, ఆలోచనలని అందరితో పంచుకోవడం ద్వారా విద్యార్థిని, విద్యార్థుల యొక్క సృజనాత్మకత పెరుగుతుందని పేర్కొన్నారు. ఈ కార్యక్రమంలో జి. నరేష్, వివిధ విభాగాధిపతులు సీనియర్ అధ్యాపకులు విద్యార్థిని విద్యార్థులు పాల్గొన్నారు.



#### ప్రగతి లో విద్యార్థుల సాంకేతిక అభివృద్ధిని స్టైడ్స్ 2026 నిర్వహణ







Leading in Superior Quality

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## DEPARTMENT OF MECHANICAL ENGINEERING

### ERUDITE 2K26

**ERUDITE** under **STRIDES** has been an opportunity since 2007 created by the Mechanical Engineering Association of our college, since then it made a great progress to provide a technical platform to all the students coming out from all parts of the nation to enhance their skills and improve their knowledge in the field of Mechanical Engineering.

What does **ERUDITE** means?

**ERUDITE** means "Characterized by Great Knowledge"

This year **ERUDITE** is back with loads of innovative and technical aspects.

Now let us take a quick look at technical events going to be organized in

### ERUDITE-2K26

**Pragati Engineering College**  
(AUTONOMOUS)  
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**PATHUB**  
PRAGATI ADVANCED TECHNOLOGY HUB PRESENTS

**STRIDES 2k26**  
Exploring the technology frontiers

**ERUDITE**

A NATIONAL LEVEL TECHNICAL SYMPOSIUM ORGANISED BY  
DEPARTMENT OF MECHANICAL ENGINEERING

**7<sup>th</sup> JAN**  
<https://erudite2k26prag.com>

**ONLINE MODE**

**Events:**  
Campus Canvas  
Brain Torque  
Draftathon  
Mech Xplore

**Organizers:**  
Chairman: Dr. P. Krishna Rao  
Patron: Dr. G. Nagesh  
Convener: Mr. G. Satya Mohan Chowdary  
Head of the Department: Dr. G. Avinash  
Faculty Co ordinators: Mrs. P. Gayathri, Mr. B. Bharathi Kumar  
Student Co ordinators: A. Vasanth Surya, K. Kameswara Rao





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## DEPARTMENT OF MECHANICAL ENGINEERING

### Post-Event Report: ERUDITE 2026

The "ERUDITE" symposium, held on January 7, 2026, concluded as a monumental success, serving as a testament to the collaborative spirit of the Mechanical Engineering Department. The event commenced with the arrival of our esteemed Chief Guest, Dr. K. Meera Saheb Garu, Professor, JNTUCEK, Kakinada who was warmly received at the college. The morning began with a high-level briefing in the board room, where Dr. K. Meera Saheb engaged in insightful discussions with our honorable dignitaries, including the Vice President, Director, Dean, Principal and HOD of ME. Following this, the Chief Guest was escorted to the function hall in a ceremonial procession accompanied by the Principal and the Head of the Department.

The formal proceedings opened with a structured Dais Ceremony, inviting the student coordinators, faculty coordinator, HOD, and Principal to take their seats, followed by the presentation of our Chief Guest. The atmosphere was further enriched by a series of evocative addresses: the student and faculty coordinators highlighted the collective hard work behind the scenes, while the HOD and Principal shared their vision for the event's impact. After a formal introduction of his illustrious career by a student representative, Dr. Meera Saheb addressed the gathering, offering profound insights to the aspiring engineers.

A key highlight of the ceremony was the official unveiling of the "ERUDITE 2K26" Souvenir by the Chief Guest, who was subsequently honored with a memento as a token of our appreciation. Following the inauguration, the Chief Guest toured the Mechanical Engineering Department, where he took a keen interest in reviewing the innovative projects developed by both alumni and current students. His visit extended to the various competitive arenas, including Mech Explore, Draftathon, Campus Canvas, and Brain Torque, where he witnessed the technical prowess of the participants firsthand. For Mech explore event Dr.Y.K.S.Subba Rao, Professor of ME, Aditya University acted as a judge, he verified projects through online platform Teams. Digital Album is prepared to explore he memories of 25 years of Pragati engineering college The event reached its climax with a valedictory session, where the winners, Students Acheivements, Faculty achievements were recognized and awarded certificates by our respected Principal, marking the successful conclusion of a day dedicated to excellence and learning.



# PRAGATI ENGINEERING COLLEGE (Autonomous)

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## DEPARTMENT OF MECHANICAL ENGINEERING



Fig:Lightening of Lamp by Chief Guest Dr.K.Meera saheb,Professor of ME, JNTUCEK,Kakinada

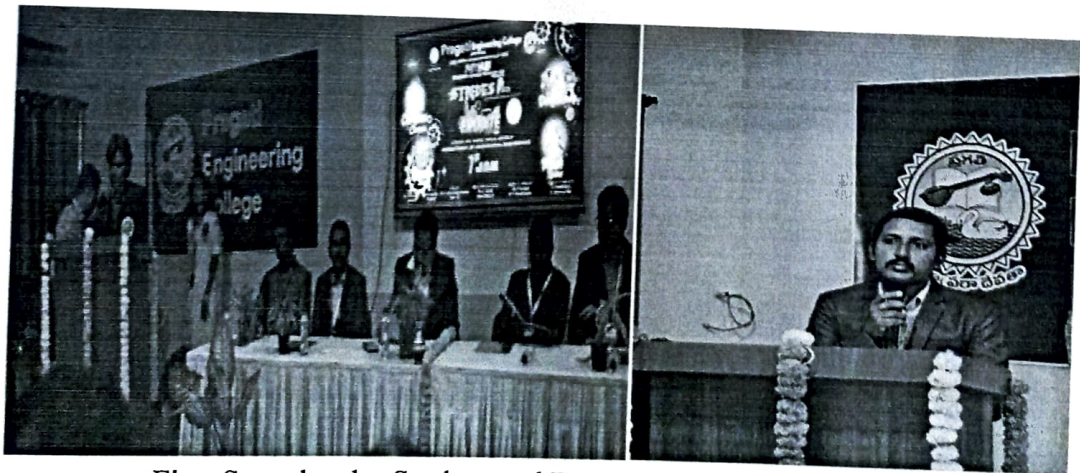


Fig : Speeches by Student and Faculty Co-ordinators





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## DEPARTMENT OF MECHANICAL ENGINEERING



Fig:Speech delivering by Dr.G.Avinash, HOD-ME



Fig: Speech delivering by Dr.G.Naresh,Principal





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## DEPARTMENT OF MECHANICAL ENGINEERING



Fig:Speech delivering by Dr.K.Meera Saheb, Professor of ME, JNTUCEK

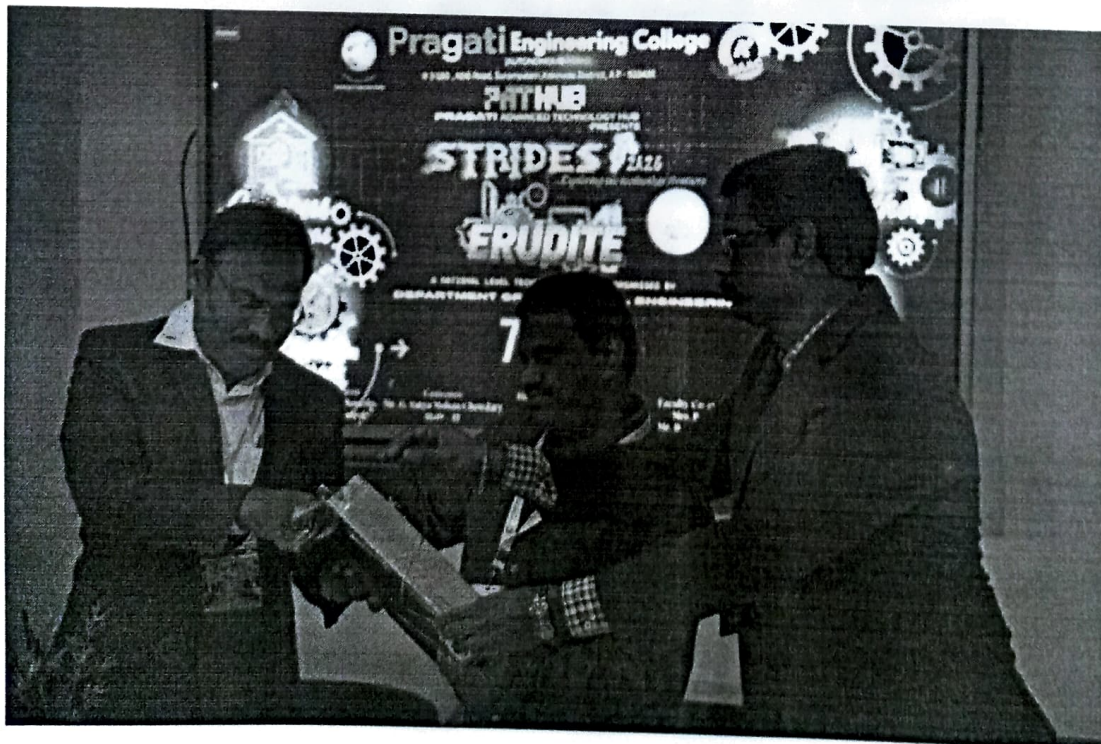


Fig: Inaugurating Souvencir





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## DEPARTMENT OF MECHANICAL ENGINEERING



Fig: Felicitating Dr.K.Meera Saheb, Professor of ME, JNTUCEK





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## DEPARTMENT OF MECHANICAL ENGINEERING



Fig:Reviewing the innovative projects developed by ME Students





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## DEPARTMENT OF MECHANICAL ENGINEERING

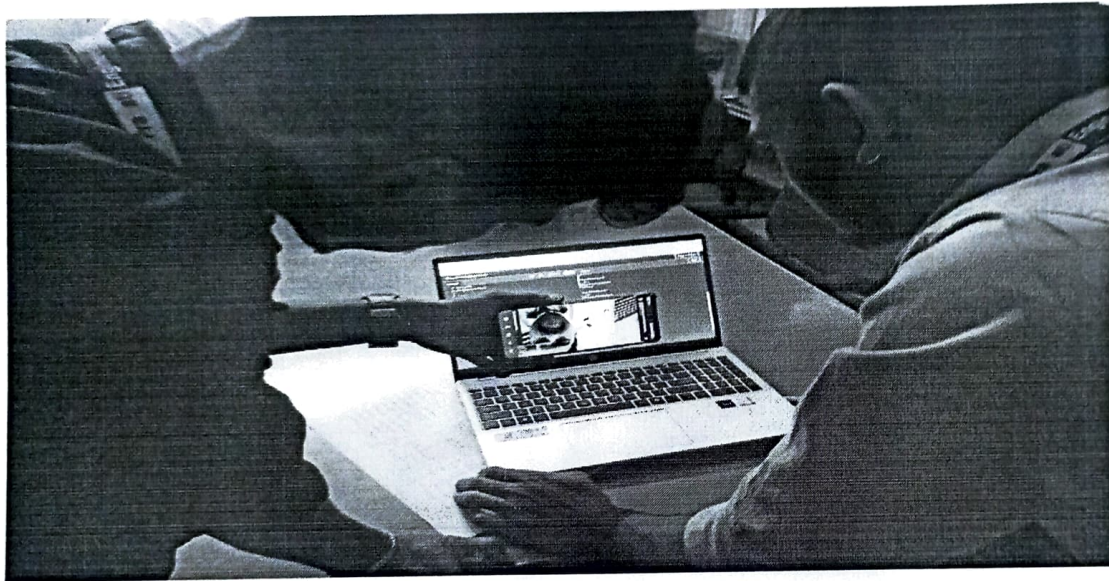


Fig: Dr.Y.K.S.Subba Rao, Associate Professor, Aditya University Acting as a Judge, verifying projects through online platform Teams.



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## DEPARTMENT OF MECHANICAL ENGINEERING

### COORDINATORS LIST

S.NO	EVENTNAME	FACULTY INDIVIDUAL EVENT COORDINATOR	STUDENTCOORDINATOR
1	CAMPUS CANVAS	Mr.A.Phani Bhaskar Mrs.K.Tulasi	Ch.Santhosh kumar-23A31A0316 D. Mouli - 24A35A0304
2	BRAIN TORQUE	Mr.V.V.N.Sarath Mr.P.Ram Prasad	V.Venkata Kowshik- 23A31A0351 G. V Subrahmanyam - 23A31A0320
3	MECH XPLORE	Dr. P. Vinod Kumar Naidu Mr.M.Sunil Raj	Mr. Mh. Bala Bhavani Shankar- 24A35A0307 V. V. B. Trinath – 23A31A0352
4	DRAFTATHON	Mr.N.Raghuveer Mr.T.Harish	P.E Prasanth -23A31A0341 Mr. S.Sri Ram - 24A35A0314

	FACULTY COORDINATOR	STUDENT COORDINATOR
ERUDITE COORDINATOR	Mrs. P. Gayatri	A. Vasanth Surya
	Mr.B.Bharath Kumar	K. Kameshwara Rao



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## DEPARTMENT OF MECHANICAL ENGINEERING

### PROGRAM SCHEDULE

S.NO	EVENT NAME	TIME	EVENT VENUES
1	CAMPUS CANVAS	10.00AM-2:00 PM	ONLINE
2	BRAIN TORQUE	10.00AM-2:00 PM	MF-1
3	MECH XPLORE	10.00AM-2:00 PM	MG-6
4	DRAFTATHON	10.00AM-2:00 PM	MF-10





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## DEPARTMENT OF MECHANICAL ENGINEERING

### CAMPUS CANVAS

**Description:** Campus Canvas invites you to present our college in its best light. Create a short Instagram video highlighting our campus, facilities, and vibrant atmosphere. Likes decide the winners.

**Guidelines:** Video must be below 1 min, Use energetic music, minimal text, and smooth transitions to maintain excitement and clarity.

**Outcome of the Event:** Exploring and promoting the campus infrastructure artistically.

The poster is for a 'Campus Canvas' event organized by the Department of Mechanical Engineering at Pragati Engineering College. It features a dark background with mechanical gears and a central illustration of a building. The text includes the college name, address, and accreditation (AICTE, JNTUK, NAAC). The event is titled 'STRIDES 2k26' and 'ERUDITE', with a date of 7th Jan. It lists faculty and student coordinators.

**Pragati Engineering College**  
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**PATHUB**  
PRAGATI ADVANCED TECHNOLOGY HUB  
PRESENTS

**STRIDES 2k26**  
Exploring the technology frontiers

**ERUDITE**  
A NATIONAL LEVEL TECHNICAL SYMPOSIUM ORGANISED BY

**Department of Mechanical Engineering**  
**7<sup>th</sup> Jan**

**Campus Canvas**

**FACULTY CO-ORDINATORS**  
MR. A. PHANI BHASKAR  
(ASST. PROF)  
MR. K. TULASI  
(ASST. PROF)

**STUDENT CO-ORDINATORS**  
D. MOULI  
(24A35A0304)  
CH. SANTOSH KUMAR  
(23A31A0316)





# PRAGATI ENGINEERING COLLEGE

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## DEPARTMENT OF MECHANICAL ENGINEERING

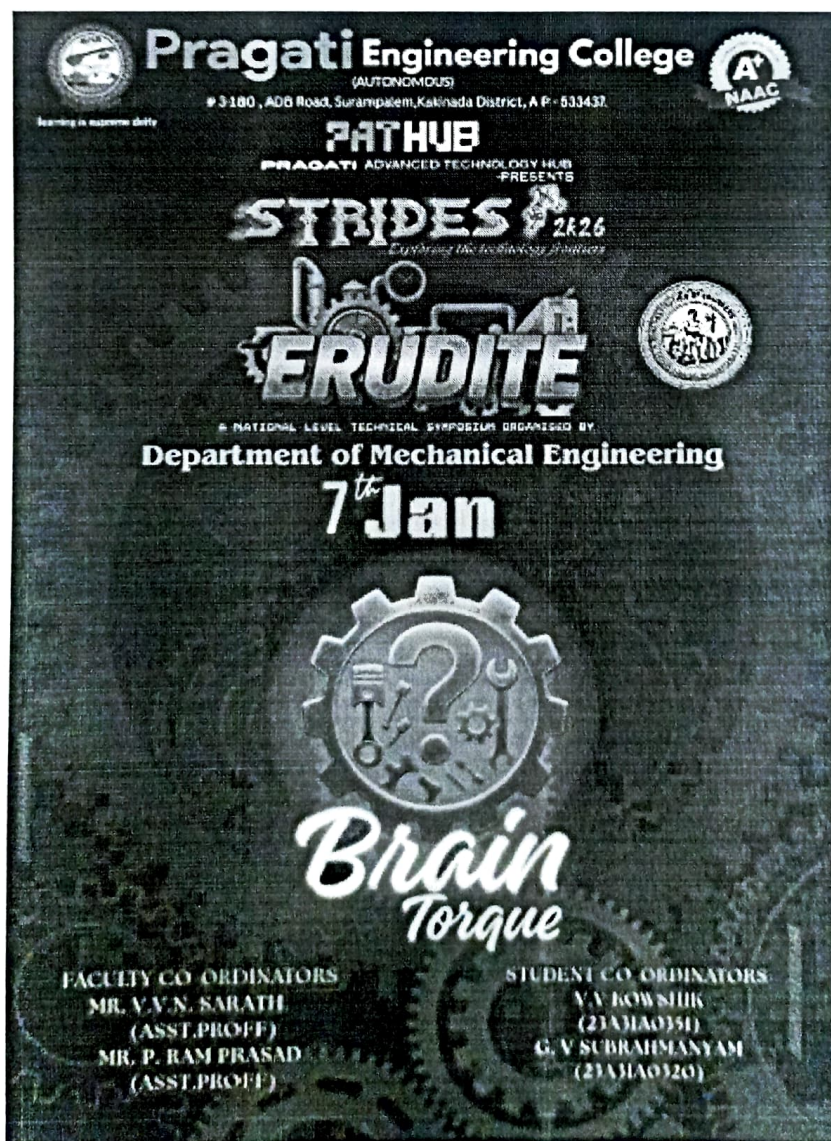
### BRAIN TORQUE

#### **Description:**

Turn up your thinking gears with Brain Torque. An online quiz full of analytical abilities where speed, knowledge, and fun collide. Winners take the glory.

**Guidelines:** The event will be of few minutes where the highest correct answered students are rewarded.

**Outcome of the Event:** To enhance thinking ability by brain storming and healthy discussion.







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## DEPARTMENT OF MECHANICAL ENGINEERING

### MECH XPLORE

**Description:** Mech Xplore is a celebration of creativity, innovation, and engineering spirit. It brings together passionate minds to explore new ideas, build exciting projects, and push the boundaries of mechanical technology. Guidelines: create a simple design, and choose suitable materials or components, Highlight innovation, teamwork, and hands-on learning. End with an inspiring message like "Explore. Innovate. Engineer."

**Outcome of the Event:** It's where creativity meets practical learning and inspiring future engineers to dream, design, and discover. Thereby, inculcates practical understanding the concept, planning step by step to fabricate a prototype.

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**PATHUB**  
PRAGATI ADVANCED TECHNOLOGY HUB  
PRESENTS

**STRIDES 2k26**  
Exploring the frontiers of technology

**ERUDITE**

A NATIONAL LEVEL TECHNICAL SYMPOSIUM ORGANIZED BY  
**Department of Mechanical Engineering**  
**7<sup>th</sup> Jan**

**Mech Xplore**

**FACULTY CO-ORDINATORS**  
MR. M. SUNIL RAJ  
(ASSOC. PROF)  
DR. P. VINOD KUMAR NAIDU  
(ASST. PROF)

**STUDENT CO-ORDINATORS**  
V. TRINATH  
(23A31A0352)  
MH. B. BHAVANI SHANKAR  
(24A35A0307)



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### DEPARTMENT OF MECHANICAL ENGINEERING

#### DRAFTATHON

**Description:** Virtual Drafting is the process of creating technical drawings and designs using computer software. It replaces traditional manual drafting with digital tools, enabling precise, fast, and editable 2D and 3D designs. This method enhances accuracy, visualization, and overall efficiency in fields like engineering, architecture, and construction.

#### **Rules:**

1. Participation is individual only (no team entries unless specified).
2. Late submissions will not be accepted under any circumstances.
3. Only AutoCAD tools are permitted, external plug-ins or add-ons are not allowed.
4. Participants must strictly follow the instructions given by the event coordinators.
5. The judges decision will be final.

#### **Guidelines:**

1. The drawing topic or problem statement will be provided on the spot.
2. The event duration will be 30 minutes.
3. Use of the internet or pre-made templates is strictly prohibited during the competition.
4. Drawings will be evaluated based on accuracy, presentation, creativity, and completeness.
5. Each participant must include proper dimensions, a title block, and necessary annotations.

Any form of malpractice or external assistance will lead to immediate disqualification.

#### **Outcome of the Event:**

Enhance their AutoCAD skills, Understand industry drafting standards. Develop precision and accuracy, Improve time management and Experience a competitive environment.





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## DEPARTMENT OF MECHANICAL ENGINEERING

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**PATHUB**  
PRAGATI ADVANCED TECHNOLOGY HUB  
PRESENTS

**STRIDES 2026**  
Exploring the technology frontiers

**ERUDITE**  
A NATIONAL LEVEL TECHNICAL SYMPOSIUM ORGANISED BY  
Department of Mechanical Engineering  
7<sup>th</sup> Jan

**Draftathon**

**FACULTY CO-ORDINATORS**  
MR. N. RAGHUVVER  
(ASST. PROF.)  
MR. T. HARISH  
(ASST. PROF.)

**STUDENT CO-ORDINATORS**  
P.E. PRASANTH  
(23A31A0141)  
S. SRI RAM  
(24A31A03014)



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## DEPARTMENT OF MECHANICAL ENGINEERING

### ERUDITE-2K26 PRIZE WINNERS DETAILS

S. N O	ROLL NO	NAME	BRA NCH	PH.NO	EMAIL ID	COLLEGE NAME	Winner/ Runner/	Event Name
1	23A31A44B6	AKULA MAHALAKSHMI	DS	8985577392	<a href="mailto:mahalakshmiakula1594@gmail.com">mahalakshmiakula1594@gmail.com</a>	Pragati Engineering College	winner	BrainTorque
2	24A31A4663	VINTI CHARAN CHADALAVADA SANATHOSH KUMAR	CS	6281934142	<a href="mailto:charanvinti086@gmail.com">charanvinti086@gmail.com</a>	Pragati Engineering College	Runner	
3	23A31A0316	GANDHAM VEERASAI SUBRAHMANYAM	ME	8979046841	<a href="mailto:gvssubramanyam855@gmail.com">gvssubramanyam855@gmail.com</a>	Pragati Engineering College	winner	MechExplore
	23A31A0320	PALLA RISHIKESH	ME	9704839314		Pragati Engineering College		
	24A35A0310		ME	7989322774		Pragati Engineering College		
4	23A31A506	CH.SAI SIVA GANGA AKSHITHA	CSE	7675891797	<a href="mailto:kalvanineela18@gmail.com">kalvanineela18@gmail.com</a>	Pragati Engineering College	Runner	
	23A31A504	B.N.SRI SATYA NIHARIKA	CSE	7780181299		Pragati Engineering College		
	23A31A512	J.HEMA SAI	CSE	9392756989		Pragati Engineering College		
	23A31A523	N.K.S.HARSHITHA	CSE	9963659142		Pragati Engineering College		
5	25A31A0473	K.TEJASWI	ECE	7780526318	<a href="mailto:tejaswiteju7780@gmail.com">tejaswiteju7780@gmail.com</a>	Pragati Engineering College	winner	Campus Canvas
6	24A35A0306	K.PAVAN	ME	8309808391	<a href="mailto:kpavansuryakumar@gmail.com">kpavansuryakumar@gmail.com</a>	Pragati Engineering College	Runner	
7	25A31A05HU	I.DHARMIC SNEHAL	CSE	9014908685	<a href="mailto:dharmicsnehal2008@gmail.com">dharmicsnehal2008@gmail.com</a>	Pragati Engineering College	winner	Draftathon
8	24A35A0317	Y.SIVA SHANKAR	ME	9014689388	<a href="mailto:sivashankar9244@gmail.com">sivashankar9244@gmail.com</a>	Pragati Engineering College	Runner	





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## DEPARTMENT OF MECHANICAL ENGINEERING

### ERUDITE 2K26 PARTICIPATION LIST OF ALL EVENTS

#### CAMPUS CANVAS

S.NO	ROLL NUMBER	NAME	BRANCH	PH.NO	MAIL.ID
1	24A31A0447	M.PATNAIK SARATH	CSE-DS	9338035754	<a href="mailto:Sarathpatnaik43@Gmail.Com">Sarathpatnaik43@Gmail.Com</a>
2	25A31A0473	K.TEJASWI	ECE-B	7780526318	<a href="mailto:Tejaswiteju7780@Gmail.Com">Tejaswiteju7780@Gmail.Com</a>
3	24A35A0306	K.PAVAN	MECH	8309808391	<a href="mailto:Kpavansuryakumar@Gmail.Com">Kpavansuryakumar@Gmail.Com</a>
4	24A35A0310	P.RISHIKESH	MECH	7989322774	<a href="mailto:Pallarishikesh@Gmail.Com">Pallarishikesh@Gmail.Com</a>
5	25A31A4302	D.AKSHAYA SRI	AI	8125442939	<a href="mailto:D.Akshayasri777@Gmail.Com">D.Akshayasri777@Gmail.Com</a>
6	24A35A0411	S.BHAVYA SRI	ECE-B	6304609881	<a href="mailto:Sunkarabhavyasri714@Gmail.Com">Sunkarabhavyasri714@Gmail.Com</a>
7	25A31A4315	K.SRAVANI	AI	8919051772	<a href="mailto:K.Sravani55672@Gmail.Com">K.Sravani55672@Gmail.Com</a>
8	25A31A0537	K.JAYAVARDHAN REDDY	CSE-A	7981665155	<a href="mailto:Jayavardhanreddykilugu@Gmail.Com">Jayavardhanreddykilugu@Gmail.Com</a>
9	23A31A0253	P.N.S.BABJI	EEE	9154966768	<a href="mailto:Santoshpuramsetti2005@Gmail.Com">Santoshpuramsetti2005@Gmail.Com</a>
10	25A35A0305	K.SATWIK	MECH	9133254258	<a href="mailto:Satwikcool57@Gmail.Com">Satwikcool57@Gmail.Com</a>
11	23A31A0302	D.AVANTHI	MECH	9515305373	<a href="mailto:Avanthiveswanth@Gmail.Com">Avanthiveswanth@Gmail.Com</a>



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## DEPARTMENT OF MECHANICAL ENGINEERING

### BRAIN TORQUE:

Roll number	Rank	Candidate's Name	Candidate's Email
23A31A44B6	1	MAHALAKSHMI AKULA	<a href="mailto:mahalakshmiakula1594@gmail.com">mahalakshmiakula1594@gmail.com</a>
24A31A4663	2	CHARAN VINTI	<a href="mailto:charanvinti086@gmail.com">charanvinti086@gmail.com</a>
21A31A0594	3	SAI SATYA NAVYA SRI VASAMSETTI	<a href="mailto:navya4814@gmail.com">navya4814@gmail.com</a>
23A31A0306	4	YOHANNA SANA	<a href="mailto:sanavohanna6300@gmail.com">sanavohanna6300@gmail.com</a>
25A31A4654	5	MANOJ M	<a href="mailto:m.manojdec2007@gmail.com">m.manojdec2007@gmail.com</a>
23A31A0459	6	PADMA KADITHI	<a href="mailto:padmakadithi4@gmail.com">padmakadithi4@gmail.com</a>
23A31A04K7	7	VEERA VENKATA LAKSHMI DURGA BHAVANA MOLLI	<a href="mailto:bhavanamolli2005@gmail.com">bhavanamolli2005@gmail.com</a>
25A31A4637	8	KALYAN VIRAJ ALAMURI	<a href="mailto:thekalvanvirajalamuri4@gmail.com">thekalvanvirajalamuri4@gmail.com</a>
25A31A4426	9	PUTTI GEETHA SRI	<a href="mailto:puttigeetha5@gmail.com">puttigeetha5@gmail.com</a>
23A31A0304	10	RUTTHALA RENUKA VIJAYA DURGA	<a href="mailto:renurutthala9347@gmail.com">renurutthala9347@gmail.com</a>
25A31A0360	11	ARU MM	<a href="mailto:puripasandh@gmail.com">puripasandh@gmail.com</a>
24A31A4447	12	SARATH PATNAIK	<a href="mailto:sarathpatnaik43@gmail.com">sarathpatnaik43@gmail.com</a>
25A31A4663	13	SHAUK NAFIS SHERAZ	<a href="mailto:shaiknafis101@gmail.com">shaiknafis101@gmail.com</a>
25A31A4651	14	TARUN SATYA NAGESH KADILA	<a href="mailto:tarunsatyanageshkadila@gmail.com">tarunsatyanageshkadila@gmail.com</a>
25A31A4665	15	SATYA VARDHAN	<a href="mailto:vithanalasatvavardhan9@gmail.com">vithanalasatvavardhan9@gmail.com</a>
25A31A05C0	16	YALLA SRAVANTHI	<a href="mailto:sravsyalla@gmail.com">sravsyalla@gmail.com</a>
25A31A4401	17	SATYA SIRISHA ADURTHI	<a href="mailto:satvasiri112@gmail.com">satvasiri112@gmail.com</a>
25A31A44J9	18	TULASI VASAMSETTI	<a href="mailto:tulasivasamsetti5@gmail.com">tulasivasamsetti5@gmail.com</a>
23A31A0348	19	NARASIMHAN TANIKELLA	<a href="mailto:teja212005@gmail.com">teja212005@gmail.com</a>
23A31A44E3	20	SRI SRUTHI SAI BHARGAVI YALLA	<a href="mailto:sruthi.yalla5048366@gmail.com">sruthi.yalla5048366@gmail.com</a>
RA2311026010354	21	V S L I ANOOHA KANUMURI	<a href="mailto:vk9862@srmist.edu.in">vk9862@srmist.edu.in</a>





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## DEPARTMENT OF MECHANICAL ENGINEERING

### MECH XPLORE :

S.NO	ROLL NO	NAME	BRANCH	PROJECT NAME
1	24A35A0304	D.MOULI	ME	SAND RIDDLE MACHINE
	24A35A0311	P.V.NEELESH KUMAR	ME	
	24A35A0305	K.SATWIK	ME	
2	24A35A0316	T.DEVA CHANDRA RAO	ME	AQUASENSE OIL RECOVER SYSTEM
	24A35A0305	S.MANIKANTA	ME	
	23A31A0330	M.HEMANTH	ME	
3	23A31A0317	CHILLA VEERA VENKATA SATYANARAYANA	ME	WATER PUMP THROUGH SOLAR POWER
	23A31A0311	BALINA HEMA SAI DURGA MRUTYUMJAY	ME	
	24A35A0314	SIRIPIREDDI SRIRAM	ME	
4	23A31A0316	CHADALAVADA SANATHOSH KUMAR	ME	GAS CYLINDER TROLLEY WITH ADJUSTABLE TRIWHEELS
	23A31A0320	GANDHAM VEERASAI SUBRAHMANYAM	ME	
	24A35A0310	PALLA RISHIKESH	ME	
5	23A31A0348	TANIKELLA APPALA NARASIMHAN	ME	SMART WASTE POWER GENRATION
	23A31A0344	REVU SAI KARTHIK	ME	
	23A31A0306	SANA YOHANNA	ME	
6	23A31A0304	RENUKA VIJAYA DURGA RUTTALA	ME	DRONE PATH NAVIGATION WEBSITE
	24A31A0306	K.KRISHNA KUMARI	ME	
	24A31A0309	P.SUSHWARITHA	ME	
7	24A31A0311	V.S.SHIVANI	ME	FOREST CHANGE DETECTION WEBSITE
	24A31A0301	CH.J.M.DEEPIKA	ME	
	24A31A0302	G.TRIJA SRI	ME	
8	24A31A4663	V.JYOTHI CHARAN	CS	HANGMAN GAME
	24A31A4649	K.MOHAN	CS	
9	23A31A506	CH.SAI SIVA GANGA AKSHITHA	CSE	SMART HELMET
	23A31A504	B.N.SRI SATYA NIHARIKA	CSE	
	23A31A512	J.HEMA SAI	CSE	
	23A31A523	N.K.S.HARSHITHA	CSE	



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## DEPARTMENT OF MECHANICAL ENGINEERING

### DRAFTATHON:

#### Draftathon Participations list

S.NO	ROLL NUMBER	NAME	BRANCH	PH.NO	Mail.id
1	25A31A05EY	CH.B.B.S.RAKESH	CSE	8125460090	<a href="mailto:Challarakesh1872008@gmail.com">Challarakesh1872008@gmail.com</a>
2	25A31A05FP	K.BABI	CSE	9676000623	<a href="mailto:Babikoppanathi23@gmail.com">Babikoppanathi23@gmail.com</a>
3	25A31A05HU	I.DHARMIC SNEHAL	CSE	9014908685	<a href="mailto:Dharmicsnehal2008@gmail.com">Dharmicsnehal2008@gmail.com</a>
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(Autonomous)

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## DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATE DISTRIBUTION TO THE WINNERS, RUNNERS AND STUDENT ACHIEVEMENTS





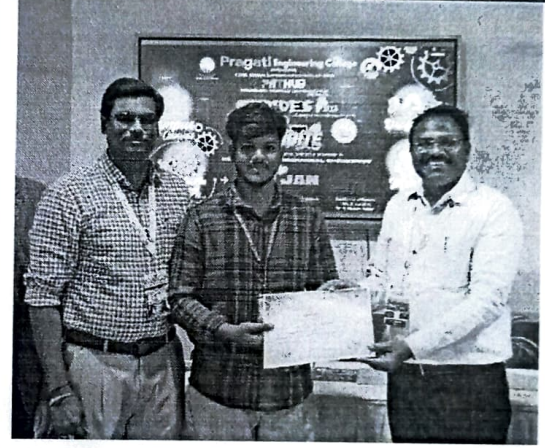
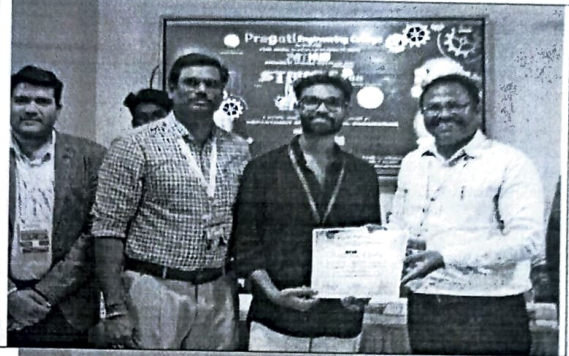


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## DEPARTMENT OF MECHANICAL ENGINEERING







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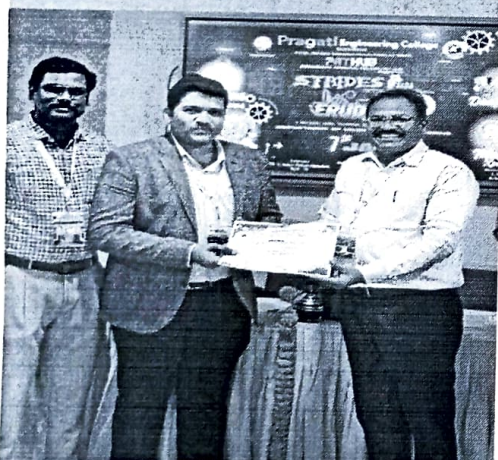
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## DEPARTMENT OF MECHANICAL ENGINEERING

### FACULTY ACHIEVEMENTS



ME- ERUDITE COORDINATOR  
*B. Rathi*

