



## **NARSIMHA REDDY ENGINEERING COLLEGE**

UGC Autonomous Institution, Affiliated to JNTUH, Approved by AICTE  
Accredited by NBA & NAAC with 'A' Grade

### **REPORT**

**On**

**“Engineer’s Day 2026”**

**Working Model / Prototype Exhibition**

**15-09-2026**

**Organized By**

**FME Department**

**Theme: “Engineering for a Sustainable Future”**

**Venue: MT Block Seminar Hall**

## **CHIEF PATRONS**

- Sri. J. Narsimha Reddy — Chairman
- Sri. J. Trishul Reddy — Secretary
- Sri. J. Trilok Reddy — Treasurer

## **PATRONS**

- Dr. A. Mohan — Director
- Dr. R. Lokanadham — Principal

## **ORGANIZING COMMITTEE**

**Convenor:** Dr. P. Venkat Rao - Dean, Student affairs

Prof. N. Sai Kiranmai - Dean, IQAC

**Coordinator / Organizing Secretary:** Dr. Prajakta Hiwase, Assistant Professor,  
FME

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| <b>Title of The Event</b>                                                  | <b>ENGINEER'S DAY 2026 – WORKING MODEL / PROTOTYPE EXHIBITION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Theme of The Event</b>                                                  | Engineering for a Sustainable Future                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Chief Guests / Dignitaries</b>                                          | Sri. J. Trishul Reddy – Secretary<br>Sri. J. Trilok Reddy – Treasurer<br>Dr. A. Mohan – Director<br>Dr. R. Lokanadham – Principal<br>Dr. S. Mallikarjunaih – HoD, FME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Program Type*</b>                                                       | Innovation and Technical Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Start Date :</b>                                                        | 15-09-2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>End Date :</b>                                                          | 15-09-2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Duration of the activity:</b>                                           | 6 Hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Mode of Session</b>                                                     | Offline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Number of Faculty Participants *</b>                                    | All faculty members of FME Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Number of Student Participants</b>                                      | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Objective of The Event</b>                                              | <ul style="list-style-type: none"> <li>• To commemorate Engineer's Day and highlight the role of engineering in nation building and sustainable development.</li> <li>• To encourage students to transform innovative ideas into working models and prototypes.</li> <li>• To promote creativity, practical learning, problem-solving and technical skills among students.</li> <li>• To create awareness about sustainable engineering solutions related to energy, water, waste, climate and society.</li> <li>• To encourage teamwork, effective communication, presentation skills and peer learning.</li> </ul>                                                                                                                                            |
| <b>Outcome / Benefit in terms of learning / Skill / Knowledge obtained</b> | <ul style="list-style-type: none"> <li>• Practical Learning: Students gained experience in converting theoretical concepts into functional models and prototypes.</li> <li>• Innovation and Creativity: Participants explored new ideas and developed solutions addressing practical and sustainability-related challenges.</li> <li>• Problem-Solving Skills: Students improved their ability to identify problems, design solutions and test their ideas.</li> <li>• Teamwork and Communication: The exhibition strengthened collaboration, presentation and technical explanation skills.</li> <li>• Awareness of Sustainable Engineering: Students developed a better understanding of responsible and resource-efficient engineering practices.</li> </ul> |

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| <b>Key Focus Areas</b>            | <ol style="list-style-type: none"> <li>1. Green Technology &amp; Sustainable Solutions</li> <li>2. Renewable Energy &amp; Energy Conservation</li> <li>3. Water Conservation &amp; Smart Water Management</li> <li>4. Waste Management &amp; Circular Economy</li> <li>5. Climate Action &amp; Environmental Protection</li> <li>6. Smart Cities &amp; Sustainable Infrastructure</li> <li>7. Sustainable Transportation &amp; Mobility</li> <li>8. Health, Safety &amp; Assistive Technology</li> <li>9. Smart Technology, Automation &amp; AI for Society</li> <li>10. Innovation for Society &amp; Everyday Life</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Evaluation and Recognition</b> | <p>The working models and prototypes were evaluated on parameters such as innovation, technical concept, functionality, sustainability, practical relevance and presentation. Students received feedback and encouragement from the judges.</p> <ul style="list-style-type: none"> <li>• Best Working Model Award</li> <li>• Best Prototype Award</li> <li>• Best Technology-Based Award</li> </ul> <p>Certificates were distributed to each participating student.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Brief report</b>               | <p>Narsimha Reddy Engineering College organized the Engineer’s Day – Working Model / Prototype Exhibition on 15 September 2026 at the MT Block, Seminar Hall, under the theme “Engineering for a Sustainable Future.” The event was organized to encourage innovation, creativity, and the practical application of engineering concepts among first-year students. It aimed to provide a platform for students to showcase their engineering ideas through working models and prototypes, promoting problem-solving, technical skills, teamwork, and interdisciplinary collaboration. The exhibition welcomed teams comprising 1–4 students, with interdisciplinary participation encouraged.</p> <p><b>Mapping with PO, PSOs &amp; SDG</b></p> <p>Program Outcomes (POs):</p> <p><b>PO2</b> – Problem Analysis: Encouraged students to identify real-world problems and explore practical solutions through working models and prototypes.</p> <p><b>PO3</b> – Design/Development of Solutions: Promoted the design, development, and demonstration of innovative engineering solutions.</p> <p><b>PO5</b> – Modern Tool Usage: Encouraged the application of modern technologies, automation, and AI in developing engineering models.</p> <p><b>PO6</b> – Professionalism &amp; Society: Created awareness of sustainability, environmental protection, and societal needs through socially relevant engineering solutions.</p> |

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|  | <p><b>PO9 – Individual &amp; Team Work:</b> Fostered teamwork, interdisciplinary collaboration, and collective problem-solving through group participation.</p> <p><b>PO10 – Communication:</b> Provided students with opportunities to present and explain their engineering ideas, models, and prototypes.</p> <p><b>Program Specific Outcomes (PSOs):</b></p> <ul style="list-style-type: none"> <li>• <b>PSO1:</b> Strengthens the application of engineering knowledge through the design, development, and demonstration of working models and prototypes.</li> <li>• <b>PSO2:</b> Encourages the application of innovative technologies to address sustainability challenges and develop practical solutions for societal needs.</li> </ul> <p><b>Sustainable Development Goals (SDGs):</b></p> <ul style="list-style-type: none"> <li>• <b>SDG 4 – Quality Education:</b> Promoted experiential learning, practical engineering skills, and student innovation.</li> <li>• <b>SDG 6 – Clean Water and Sanitation:</b> Encouraged innovative approaches to water conservation and smart water management.</li> <li>• <b>SDG 7 – Affordable and Clean Energy:</b> Promoted renewable energy solutions and energy conservation.</li> <li>• <b>SDG 9 – Industry, Innovation and Infrastructure:</b> Encouraged technological innovation, prototype development, and sustainable engineering solutions.</li> <li>• <b>SDG 11 – Sustainable Cities and Communities:</b> Addressed smart cities, sustainable infrastructure, and transportation solutions.</li> <li>• <b>SDG 12 – Responsible Consumption and Production:</b> Promoted waste management, resource conservation, and circular economy practices.</li> <li>• <b>SDG 13 – Climate Action:</b> Encouraged awareness and innovative solutions related to climate change and environmental protection.</li> </ul> <p><b>Overall Mapping:</b> The Engineer’s Day exhibition contributed to quality education, practical skill development, innovation, teamwork, and sustainable technological advancement. By encouraging students to develop engineering solutions for environmental and societal challenges, the event supported the institution’s commitment to outcome-based education and the achievement of relevant Sustainable Development Goals.</p> |
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## EVENT POSTER



**NARSIMHA REDDY  
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Ideas  
Engineered  
for a  
Better  
Tomorrow



# ENGINEER'S DAY

Celebrating the Legacy of  
**ENGINEERS**

INNOVATE | INSPIRE | BUILD A BETTER TOMORROW

*"Engineering for a Sustainable Future"*

THEMES (Choose any one)



**Green Technology & Sustainable Solutions**



**Smart Cities & Sustainable Infrastructure**



**Renewable Energy & Energy Conservation**



**Sustainable Transportation & Mobility**



**Water Conservation & Smart Water Management**



**Health, Safety & Assistive Technology**



**Waste Management & Circular Economy**



**Smart Technology, Automation & AI for Society**



**Climate Action & Environmental Protection**



**Innovation for Society & Everyday Life**



**Who Can Participate?**

- Group event (1–4 students per team)
- Open to all first year students
- Interdisciplinary teams are welcome



**Awards and Prizes**

- Exciting cash prizes for winners
- Participation certificates for all teams
- Recognition for innovative ideas



**Date**  
**15 September 2026**  
(Tuesday)



**Time**  
**9:00 AM onwards**

**Chief Patrons**

Sri. J. Narsimha Reddy - Chairman  
Sri. J. Trishul Reddy - Secretary  
Sri. J. Thirlok Reddy - Treasurer

**Patrons**

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Dr. R. Lokanadham - Principal  
Dr. S. Mallikarjunaih - HOD, FME

**Convenors**

Dr. P. Venkat Rao - Dean  
Mrs. N. Sai Kiranmai - Dean, IQAC  
Dr. Prajakta H. Kulkarni -  
SDG Coordinator

**Coordinators**

Dr. C. Arun Kumar  
Mrs. Ch. Ramya  
Mrs. S. Swapna  
Mrs. Krupa Rani





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## Event Highlights

