



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

(Approved by AICTE & Affiliated to JNTUH)

DEPARTMENT OF MECHANICAL ENGINEERING

Report on World Youth Skills Day

Venue: Rashtrapati Nilayam, Hyderabad

Date: 15th July, 2025

1. Event Overview

- **Date & Venue:** Held on **July 15, 2025**, in the historic Rashtrapati Nilayam, Hyderabad.
- **Occasion:** Celebrating the United Nations–declared **World Youth Skills Day** (July 15), the event focused on highlighting vocational and technical skills among India's youth.
- **Organizers:** Hosted by the Rashtrapati Nilayam administration in collaboration with local youth development NGOs and vocational training institutes.

2. Objective

- **Highlighting Skill Relevance:** To emphasize the importance of practical, hands-on skills in today's competitive job market.
- **Encouraging Engagement:** To spur active participation of college students in vocational training, entrepreneurship, and skill-based education.
- **Networking Platform:** Enabling interaction between students, educators, trainers, and industry representatives.

3. Participants

- 35 students from Malla Reddy college of Engineering and Technology participated including two **Mechanical Engineering** students.

4. Event Highlights

- **Opening Address:** The Vice-Chancellor of a leading Hyderabad university delivered the keynote, highlighting how vocational skills complement traditional academics.
- **Skill Demonstrations:**
 - *Robotics & Automation:* Students showcased mini-robotics systems and automation prototypes.
 - *Handicrafts:* Demonstrations included leatherwork, pottery, intricate embroidery, and eco-friendly product crafting.
 - *IT & Digital Upskilling:* Live sessions on basic app development, website-building, and digital marketing tools.
- **Workshops:** Short sessions included:
 - Resume-building and interview techniques.
 - Entrepreneurship and startup incubation guidance.
 - Emerging opportunities in green technologies, IoT, and AI-related trades.
- **Panel Discussion:** Titled “Bridging Academia & Industry,” featuring trainers, alumni entrepreneurs, and HR heads from local industry. Topics discussed:
 - Promoting internship and apprenticeship pathways.
 - Integrating traditional arts with modern design trends.

5. Student Engagement & Feedback

- **Active Participation:** Over 60% of the student attendees engaged directly—presenting demos, volunteering as peer mentors, or answering visitors’ queries.
- **Enthusiasm in Exploration:** Many expressed newfound interest in skill streams beyond their major disciplines, e.g. an arts student exploring robotics.

6. Outcomes & Key Takeaways

- **Increased Awareness:** Better understanding among students of how vocational skills augment employability and entrepreneurship.
- **Networking Gains:** Students connected with NGOs offering training scholarships, incubation centers, and skill certification bodies.
- **Institutional Insights:** Colleges expressed intent to incorporate more hands-on labs and skill-workshops into their curriculum.
- **Leathercraft Initiative:** A pilot program established to train 50 students in eco-friendly leather goods production, in collaboration with a Hyderabad design NGO.

7. Recommendations

1. **Curriculum Integration:** Colleges should introduce mandatory mini-projects or workshops spanning vocational and technical skills.
2. **Certification Partnerships:** Formal tie-ups with NSDC or other certification bodies to validate students’ skill credentials.

3. **Continuous Engagement:** Quarterly “Skill Showcases” on campus where students demonstrate vocational projects.
4. **Industry Alliances:** Engage more local businesses to offer internships and apprenticeships aligned with event themes.









Rashtrapati Nilayam

in Collaboration with



WORLD YOUTH SKILLS DAY

**"Youth Empowerment Through
AI and Digital Skills"**

Program Highlights

- ▶ Seminars
- ▶ Live Demonstrations by Experts
- ▶ Model Exhibition on
AI & Robotics by Students
- ▶ Key Note Addresses by Chief Guests

15th July - 2025

10:00 AM Onwards



Scan the
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Rashtrapati Nilayam, Bolarum, Secunderabad



Conclusion

World Youth Skills Day at Rashtrapathi Nilayam was a significant success in demonstrating the importance of practical competencies for college students. It bridged the gap between theoretical learning and real-world vocational skills, inspiring students to explore diverse, future-ready career paths. The demonstrable enthusiasm and strong institutional interest suggest a promising momentum toward embedding vocational training in mainstream higher education.