

REPORT

On

“Seminar on Career Guidance”

On

10-02-2026

Organized By

Department of Mechanical Engineering

**NARSIMHA REDDY ENGINEERING COLLEGE (Hyderabad)
(Autonomous)**

Title of The Event	Seminar on Career Guidance
Chief Guests	Mr.Ramesh Masuna, Sr.Faculty at ACE Engineering Academy
Event Coordinator Details	Dr.D.Simhana Devi HoD-ME ME Department Narsimha Reddy Engineering College (Autonomous) Secunderabad, Telangana State, India- 500100.
Program Type*	Awareness Program
Start Date : End Date : Duration of the activity :	10-02-2026 10-02-2026 2.5 Hours
Mode of Session	Offline
Number of Faculty Participants *	6
Number of Students Participants	43
Objective of The Event	<p>The seminar aimed to:</p> <ul style="list-style-type: none"> Provide awareness about diverse career opportunities in Mechanical Engineering. Guide students on higher education, competitive exams, and industry expectations. Inform students about emerging technologies and global trends. Encourage skill development aligned with industry 4.0 and sustainability. Motivate students towards entrepreneurship and innovation.
Outcome workshop/ Benefit in terms of learning/Skill/Knowledge obtained	<p>Outcomes of the Seminar</p> <p>After attending the seminar, students were able to:</p> <ol style="list-style-type: none"> Identify various career paths in mechanical engineering. Understand the skill requirements for core and emerging industries. Recognize the importance of sustainable engineering practices. Develop awareness about higher education and competitive exams. Plan their career roadmap effectively.

Brief Report:	<p>The seminar began with a welcome address by the Head of the Department, followed by an introduction of the resource person.</p> <p>The speaker discussed various career pathways available to mechanical engineering students, including:</p> <ul style="list-style-type: none"> • Core industries (Automobile, Manufacturing, Thermal, HVAC, Robotics, Aerospace) • Public sector jobs (PSUs, Railways, Defense) • Higher studies (M.Tech, MS, MBA, Overseas Education) • Competitive examinations (GATE, ESE, CAT, GRE) • Emerging areas (Electric Vehicles, Renewable Energy, AI in Manufacturing, Automation, Additive Manufacturing) • Entrepreneurship and start-up opportunities <p>The speaker emphasized the importance of:</p> <ul style="list-style-type: none"> • Technical skills (CAD/CAM, ANSYS, SolidWorks, MATLAB) • Industry certifications • Internships and industrial training • Soft skills and communication • Sustainable engineering practices <p>The session concluded with an interactive Q&A session where students clarified doubts about career planning, job markets, and higher education.</p> <p>Mapping of Seminar Outcomes to Sustainable Development Goals (SDGs)</p> <p>The seminar outcomes align with the following United Nations Sustainable Development Goals:</p> <p>SDG 4: Quality Education</p> <p>Relevance:</p> <ul style="list-style-type: none"> • Promoted career awareness and lifelong learning. • Encouraged skill development and higher education. • Guided students on industry-relevant competencies.
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Outcome Mapping:

Students gained knowledge about career planning, skill enhancement, and professional development.

SDG 8: Decent Work and Economic Growth**Relevance:**

- Highlighted employment opportunities in core industries and emerging sectors.
- Encouraged entrepreneurship and start-up initiatives.
- Prepared students for competitive and sustainable employment.

Outcome Mapping:

Students were guided toward employability, innovation, and contributing to economic growth.

SDG 9: Industry, Innovation and Infrastructure**Relevance:**

- Emphasized advanced manufacturing, automation, robotics, and EV technologies.
- Encouraged innovation and research.

Outcome Mapping:

Students understood the importance of contributing to sustainable industrial development and technological advancement.

SDG 7: Affordable and Clean Energy**Relevance:**

- Discussed renewable energy systems and sustainable mechanical systems.
- Introduced opportunities in solar, wind, and energy-efficient technologies.

Outcome Mapping:

Students were motivated to work in clean energy sectors and sustainable engineering practices.

SDG 12: Responsible Consumption and Production**Relevance:**

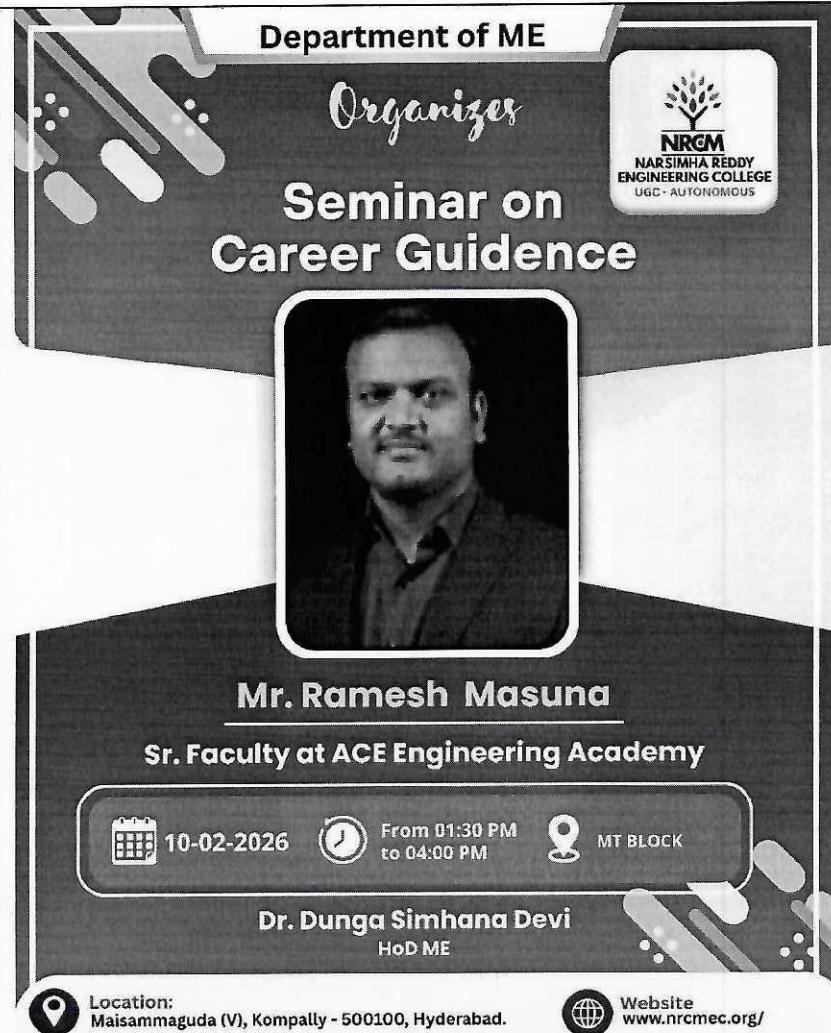
- Highlighted green manufacturing and sustainable production techniques.

- Encouraged resource-efficient design and waste reduction.

Outcome Mapping:

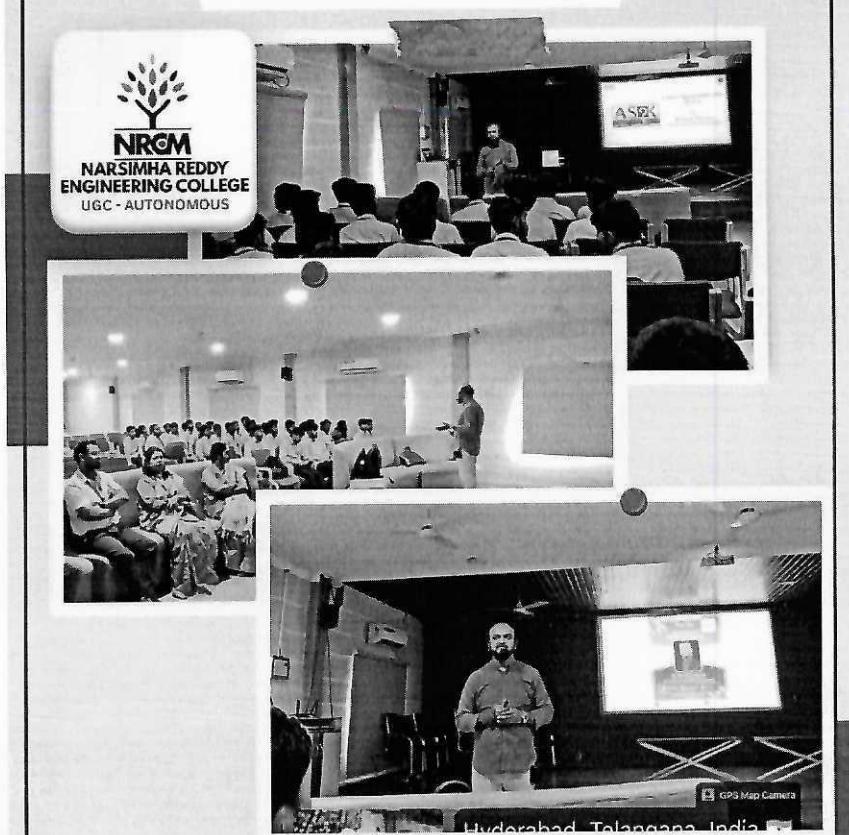
Students gained awareness about eco-friendly engineering solutions and sustainable production systems.

Poster/ Brochure of the Event



Event Photograph

Department of ME



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NARSIMHA REDDY
ENGINEERING COLLEGE
UGC - AUTONOMOUS

ASEK

Hyderabad, Telangana, India

Glimpses of
Career Guidance Seminar

Dr. D. Simhana Devi
HoD ME

Location:
Maisammaguda (V), Kompally - 500100, Hyderabad.

Website:
www.nrcmec.org/


Coordinator

*****~End of the Report~*****


Principal
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