

About Institute :

- Shri Vishnu Engineering College for Women (Autonomous) is one of the leading engineering colleges in Andhra Pradesh and was established by Padma Bhushan Dr. B. V. Raju in the year 2001. Shri K.V.Vishnu Raju is the present chairman and grandson of the founder chairman padma bhushan Dr. B.V.Raju. He received "Best ALUMNUS" award from NIT Trichy and honorary fellow award by RESNA.
- The facilities provided by the college are Central Library, Radio Vishnu 90.4, Vishnu TV Academy, Medical Assistance, Talent Sprint, Internet of Things lab, Texas Instruments lab, Campus Connect. SVECW also provide students to work for a very unique and a noble cause of designing projects through ATL lab, RWTP, STI Hub, TBI Hub.

About Department:

- The Department of Mechanical Engineering started in 2009. The Faculty in the department are excellent in terms of qualification, research and experience. The Department has a special Lab named VDL, Go-Karting track and Centre of Excellence in Advanced CAD/CAM, CAE, PLM, and Digital Manufacturing. Since the participation in SAEINDIA BAJA in 2015, the students of Mechanical Engineering have won many outstanding awards like, Best Business Plan award, Least Weight award, Best Endurance award, Best Acceleration award, Best Innovation award, Low Cost award, Go Green award and many more. The faculty mentor have also won DRONACHARYA award for their continuous guidance in building the ATV. Students of Mechanical Engineering Department are encouraged to participate in various competitions held by MNC's like CATERPILLAR, FAURECIA, THERMAX and won many prestigious awards and internships opportunities.

Chief patrons

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Eligibility: This course is open to all the Mechanical Engineering Faculty Members of AICTE Approved Institutions, Research Scholars, and Persons working in R&D organizations or Industry.

- No Registration Fee
- E Certificate will be Provided to the participants



A One-week
Virtual National Level Faculty Development Program
On
**CURRENT TRENDS IN MECHANICAL
ENGINEERING- CASE STUDIES FROM
INDUSTRIES & ACADEMIA TO
PROMOTE INNOVATION, DESIGN
THINKING AND STARTUPS**

May 20- 25, 2024

Organized by



Department of Mechanical Engineering
Shri Vishnu Engineering College for Women
(Autonomous)

Bhimavaram- 534202

West Godavari, Andhra Pradesh

<https://www.svecw.edu.in/>

Vision:

- To be recognized globally for quality education and research leading to well-qualified, innovative, entrepreneurial and successful mechanical engineer

Mission:

- To Impart quality education to enhance skills and make graduates globally competitive.
- To Prepare students to pursue lifelong learning, serve the profession and meet intellectual, ethical and work place challenges.
- To Provide Research facilities and opportunities to faculty & students to create, interpret, apply and disseminate knowledge.

PEO'S:

- Graduates will have foundation in engineering and science to apply technical knowledge and skills in various areas of Mechanical Engineering.
- Graduates will become effective engineers to meet society needs with their research capabilities in inter disciplinary subjects.
- Acquire skills for life-long learning and practice of professional ethics.

About the Program:

The Faculty Development Program on "Current Trends in Mechanical Engineering: Case Studies from Industries & Academia to Promote Innovation , Design Thinking, and Startups" is a comprehensive initiative aimed at equipping educators with the latest advancements and methodologies in

mechanical engineering. This program emphasizes the integration of real-world industry case studies and academic research to foster a deep understanding of contemporary trends. Participants will explore innovative design thinking approaches and strategies for nurturing entrepreneurial ventures within academic settings. Through interactive sessions, faculty members will gain valuable insights into cutting-edge technologies and practices, empowering them to inspire and guide the next generation of engineers in developing innovative solutions and startups. This program ultimately seeks to bridge the gap between industry and academia, promoting a culture of continuous learning and innovation.

Outcomes:

The faculty will be able to

- Gain a comprehensive understanding of the latest advancements and trends in mechanical engineering, including emerging technologies and innovative practices.
- Develop practical skills in design thinking methodologies and learn to incorporate these creative problem-solving techniques into teaching and research.
- Acquire tools and strategies to encourage and support entrepreneurial initiatives within academic settings, helping students transform innovative ideas into viable startups.
- Learn effective ways to bridge the gap between industry and academia, facilitating collaborations that enhance the practical relevance of academic research and teaching.

Resource Persons:

Dr. Y. Ravi Kumar	Professor, NIT Warangal. yrk@nitw.ac.in
Dr. Sunil Sinhmar	National Post Doctorial Fellow, MSE , IIT Kanpur. ssinhmar@iitk.ac.in
Dr Pushendra	Research intern Mercedes Benz pushendra050@gmail.com
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Mr. J.E. Manikanta	Assistant Professor, M.E, SVECW. manikantame@svecw.edu.in

Registration link :
<https://forms.gle/h3ZFzdYBMk4dABw78>

