

Chief Patrons

Dr. Nageswara Rao Vallurupalli, *Chairman, AANM & VVRSR, ES.*
Sri Srinivasa Rao Musunuri, *Co-Chairman*
Er. Satyanarayana Rao Vallurupalli, *Secretary & Correspondent*
Sri Rama Krishana Vallurupalli, *Co-Secretary & Correspondent*

Patron

Dr. G.V.S.N.R.V. Prasad, *Principal*

Co-Patrons

Dr. P. Kodanda Rama Rao, *Vice Principal, Administration*
Dr. M. R. Ch. Sastry, *Vice Principal, Academics*

Advisors

Dr. P. Ravindra Babu, *Advisor to Management*
Dr. B. Karuna Kumar, *Director (AS&A)*

Convener

Dr. A. Jawahar Babu, *Professor & Head*

Address For Correspondence - Coordinators

Sri B.V.S. Raghu Vamsi, *Sr. Gr. Asst. Prof.* (Mobile: 9492508145)
Sri G. V. Jagadeesh, *Asst. Professor*, (Mobile: 95667611470)

Organizing Committee

❖ Faculty of Mechanical Engineering

Important Dates

Dates of Programme : 06th – 10th March, 2023
Timings : 02.00 PM to 04.30 PM
Online Platform : Microsoft Teams

The meeting link will be shared in the Whatsapp group of the FDP (the link is given in the registration form) daily by 11.00 AM.

Certificate: E-certificate will be given to the registered participants who attend all the sessions.

No Registration Fee.

The number of participants is limited to 250.

One Week Online Faculty Development Programme

on

**“Applications of Artificial Intelligence &
Machine Learning in Mechanical Engineering”**

06 – 10 March 2023



Organized by

Department of Mechanical Engineering



**SESHADRI RAO
GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with permanent affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru-521356

Krishna Dt. Andhra Pradesh, India.

Phone: 08674-273737, 273888, Fax: 08674-273957

E-Mail: gecmehrstaff@gmail.com

Website: www.gecgudlavalleru.ac.in

About SRGEC

Seshadri Rao Gudlavalleru Engineering College was established under the aegis of AANM & VVRSR Educational Society, Gudlavalleru, in 1998. The college is situated in Gudlavalleru, surrounded by lush green fields, providing a serene atmosphere to learners. The college offers B.Tech. programmes in nine branches of Engineering, viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, Artificial Intelligence & Data Science, Internet of Things, and Artificial Intelligence and Machine Learning. It also offers PG programmes in Engineering (M.Tech.) and Management (MBA). The college is permanently affiliated with JNTUK, Kakinada, and obtained Autonomous status from U.G.C. in 2014. All the eligible UG engineering programmes are accredited by National Board of Accreditation (NBA), New Delhi under Tier-I. The College is accredited by NAAC, New Delhi.

About The Department

The Department of Mechanical Engineering was established in 1998 and offers B.Tech course in Mechanical Engineering and M.Tech in Machine Design. The department has qualified and experienced staff and well-equipped laboratories with state-of-the-art facilities. The UG B.Tech program of the department got accredited for three years in 2008, 2012, 2016, and in 2019, 2022 under Tier- I. The department was recognized as a Research center by JNTUK, Kakinada. Students of the department have added value to the department by getting placed in reputed core and software companies and excelling in competitive examinations. The Department is marching forward keeping pace with the technological advances in Mechanical Engineering.

About FDP

Artificial intelligence gives a machine the ability to imitate human behavior. In contrast, Machine learning is the application of Artificial intelligence into a system or machine, which helps it self-learn and improve continually. The FDP on “Applications of Artificial Intelligence and Machine Learning in Mechanical Engineering” aims to impart knowledge on the fundamentals of Artificial Intelligence & Machine Learning and their applications to predict the solutions for problems in Mechanical Engineering. Eminent resource persons from reputed organizations like IITs and NITs will deliver expert lectures. This program may benefit Faculty members & Research Scholars who intend to practice/begin research in the field of processing and analysis of data using advanced techniques such as AI & ML etc.

Resource Persons

The experts will be from IITs, NITs, and other premier Universities and Institutions.

- ❖ **Dr. V. Pandu Ranga**, *IIT Bhubaneswar*
- ❖ **Dr. Somashekhar S. Hiremath**, *IITM, Chennai*
- ❖ **Dr. Shiv Raman**, *NITW, Warangal*
- ❖ **Dr. Gudipadu Venkatesh**, *NITW, Warangal*
- ❖ **Dr. M. Sridharan**, *SRMIST, Tiruchirapalli*

Participants

Faculty of AICTE-approved Engineering Colleges and Post Graduate Students and Ph.D. Scholars.

Registration Link

<https://forms.gle/4ULWmQYz5mq4cbfp7>