

About the College

The college is promoted by AANM & VVRSR Educational Society, Gudlavalleru and was established in 1998. The college is situated in Gudlavalleru, surrounded by lush green fields, providing serene atmosphere to learners. The college offers B.Tech. programmes in eight branches of Engineering viz, Civil, Electrical & Electronics, Mechanical, Electronics & Communication, Computer Science, Information Technology, Artificial Intelligence & Data Science, Internet of Things and CSE (Artificial Intelligence and Machine Learning) with a total intake of 1320. It also offers five PG programmes in Engineering (M.Tech.) and Business Management (MBA). The college is permanently affiliated to JNTUK, Kakinada and obtained the Autonomous status from U.G.C. in the year 2014 and the status extended till 2025. All the eligible U.G branches of engineering are accredited under Tier 1 by NBA, New Delhi. The Institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance levels

About the Department

The Department of Electronics and Communication Engineering started functioning from the academic year 1998 for B.Tech Course. The department is also offering M.Tech course in VLSI & Embedded Systems (from the academic year 2019-2020). Faculty members are PhD/Post graduates in their respective fields and are actively involved in research work and regularly publish their research in reputed journals and conferences. Faculty, as a team, aims to remain focused, promote innovative learning and a network of likeminded persons for success. The Department is recognized as Research centre by JNTUK University, Kakinada.

The department has well qualified staff specialized in Microelectronics, Instrumentation and Control, Digital Systems & Computer Electronics, Digital Communication and Networks, Systems & Signal Processing, Microwave Engineering, VLSI Design. Department Labs are equipped with specialized equipment like spectrum analyzer, Digital Storage Oscilloscope, Universal Programmer, Curve Tracer, DSP, VLSI & Embedded System Development Kits supported by software like CCS (Code Composer Studio) for DSP, MATLAB, Aldec VHDL, Xilinx vivado FPGA Express, Altera Quartus-II, Mentor Graphics (Front End, Back End Tools), Xilinx 14.1i (Project Navigator), Modelsim, Multisim, Ride, Lab VIEW, TI based embedded systems Robots and IoT etc.

About the FDP

This Faculty Development Program (FDP) is intended to provide opportunities for teachers, students, employees and researchers of various institutions/ organizations for upgrading their knowledge and acquiring practical skills in the field of Computer Vision (CV) in the Artificial Intelligence (AI) domain. The main objective of the FDP is to help the participants learn the various CV techniques, Deep Learning algorithms and understand how to build CV applications for solving various use cases in the real world. The participants will have hands-on session on Computer Vision and Deep Learning models involved in CV domain. The FDP will also equip them to use the CV techniques for creating various real time applications and expose them to the challenges in Computer Vision research.

Target Audience:

Faculty, Research Scholars and persons from Industry.

Registration Fee: Free

Online Mode: Microsoft Teams

Join in Link: <https://tinyurl.com/56t9cxju>

e-Certificate will be Provide to Participants

Resource Persons and Contents of FDP:

- 1. Dr. Subrahmanyam Murala,**
Associate Professor, IIT Ropar.
Topic: Introduction of Deep Learning for Computer Vision.
- 2. Dr. Santosh Kumar V,**
Assistant Professor, IIT Ropar.
Topic: Deep Learning for Change Detection and Micro Expression Recognition.
- 3. Dr. Srikanth Vasamsetti, Principal Scientist,** CSIO-CSIR, Chennai.
Topic: Computer Vision Techniques for Underwater Moving Object Detection.
- 4. Dr. Prashant Patil,**
Deakin University, Australia.
Topic: Challenges and Learning Based Solutions for Multi-Weather Surveillance System.
- 5. Dr. Nancy Mehta,**
CVPR Lab, IIT Ropar
Topic: Modern Trends in Deep-Learning Based Image Super-Resolution.
- 6. Prof. Deepak Mishra,**
Professor, IITST Trivendram
Topic: Applications of Computer Vision using Deep Learning
- 7. Shruti P,**
CVPR Lab, IIT Ropar
Topic: Deep Generative Architectures for Image In painting
- 8. Dr. Monu Verma,**
Postdoc. Associate, University of Miami, USA.
Topic: Deep Learning for Affective Computing: Vision Based Emotion Recognition.
- 9. Dr. T. Venkata Sainath Gupta**
Assistant Professor, VRSEC
Topic: Sign Language Recognition using Machine Learning from Data Set to Model Deployment.
- 10. Dr. Naga Devi**
Assistant Professor, CBIT, Hyderabad

Chief Patrons

Dr. Nageswara Rao Vallurupalli, Chairman
Sri Srinivasa Rao Musunuri, Co-Chairman
Er. Satyanarayana Rao Vallurupalli,
Secretary & Correspondent
Sri Ramakrishna Vallurupalli,
Co-Secretary & Correspondent

Patron

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

Co-Patrons

Dr. P. Kodanda Rama Rao, Vice Principal- Admin.
Dr. M. R. Ch. Sastry, Vice Principal-Academics

Advisors

Dr. P. Ravindra Babu, Advisor to the Management
Dr. B. Karuna Kumar, Director-Academics -
Strengthening and Advancement

Convener

Dr. Y. Ramakrishna, Professor & HoD, ECE

Coordinator

Dr. K. N. Prakash, Professor of ECE

Advisory Committee

Dr. M. Kamaraju, Professor & Mentor (AS&A), ECE
Dr. V.V.K.D.V. Prasad, Professor & IQAC Convener
Dr. R.S.Rao, Professor, ECE
Dr. Ch. Balaswamy, Professor, ECE
Mr. V.Vittal Reddy, Assoc. Prof., ECE
Mrs. T.Venkata Lakshmi, Assoc. Prof., ECE
Mr. T.S.R.Krishna Prasad, Assoc. Prof., ECE
Mr. A. Mallaiah, Assoc. Prof., ECE
Dr. B. Raja Sekhar, Assoc. Prof., ECE
Mr. Y.Sri Chakrapani, Assoc. Prof., ECE
Dr. D. Prabhakar, Assoc. Prof., ECE
Dr. S. Ravi, Assoc. Prof., ECE

Address for Correspondence:

Dr.K.N.Prakash, Professor, Department of ECE,
Seshadri Rao Gudlavalleru Engineering College,
Gudlavalleru.

Further Details Contact:

Co-Coordinator

Mr. B. Vamsy Krishna, Asst. Prof., ECE

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Mr. K. Rushendrababu, Asst. Prof., ECE

Phone: 90324 00664

Mr. V.Murali Krishna, Asst. Prof., ECE

Phone: 8106809245

Mode of conduction

Online Mode - Microsoft Teams

Dates: 20 - 25 February 2023 (Everyday two sessions)

Timings:

First Session: 10:00AM to 12:00 Noon

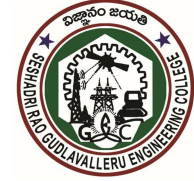
Second Session: 02:00PM to 4:00 PM

Registration

Link: <https://forms.gle/ZbPxumQfA4oE8d3Q7>

WhatsApp Link:

<https://chat.whatsapp.com/Foh166GoxKpFPFkSMH LpIb>



One Week National Level FACULTY DEVELOPMENT PROGRAM (Virtual Mode)

on

"Applications of Computer Vision using Deep Learning 20 - 25 February, 2023

Organized

by

The Department of
Electronics and Communication
Engineering

Seshadri Rao
Gudlavalleru Engineering College
(Autonomous)

(Sponsored by AANM & VVRSR Educational Society
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