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 is 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 like minded 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, LabVIEW, TI based embedded systems Robots and IoT etc.

About the FDP:

- ❖ The Resource persons are from reputed industrial organizations.
- ❖ After attending this program, participants will be able to acquire the knowledge in **embedded system development process** which helps in guiding students in implementing the projects using Rasberry Pi for IoT based applications.

Contents of the FDP:

1. Introduction to Embedded Systems
2. Embedded software development process
3. Embedded protocols/Interfaces
4. Networking fundamental for IOT
5. IOT communication by using REST API

One Week National Level
FACULTY DEVELOPMENT
PROGRAM
on
" Trends in Embedded Systems and IoT"
20 - 25 June 2022

GUIDE LINES:

- ➢ No registration FEE.
- ➢ **80% attendance is mandatory to issue e-certificate.**
- ➢ **Faculty (ECE, IoT & EEE) from other colleges are requested to contact the co-coordinators for registration.**
- ➢ e-participation certificate will be provided through your e-mail only, after given overall feedback and fulfilling other requirements.

Dates to Remember:

- • **Last date for Registration: 19 June 2022.**
- • **Everyday two sessions**

Eligibility:

Faculty members of AICTE approved Engineering Colleges (**ECE, IoT & EEE** departments).

Chief Patron:

AANM & VVRSR Educational Society

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 the Management

Dr. P. Nageswara Reddy, Director - PG studies,

    Consultancy & Testing and R&D

Dr. B. Karuna Kumar, Director – Academics

    Strengthening and Advancement (AS&A)

Coordinator(s):

Dr. Y. Ramakrishna, Professor & HoD, ECE

Dr. M. Kamaraju, Professor & Mentor (AS&A), ECE

Advisory Committee:

Dr. V. V. K. D. V. Prasad, Professor & ACoE, ECE

Dr. K. N. Prakash, Professor, ECE

Dr. R. S. Rao, Professor, ECE

Dr. Ch. Balaswamy, Professor, ECE

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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

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Further Details Contact:

Co-Coordinator(s)

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

Phone: 94929 37318

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

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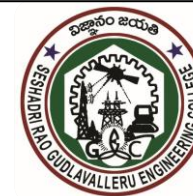*Mode of conducting this FDP:*

Through online - Microsoft Teams platform

Dates: 20 - 25 June 2022 (Everyday two sessions)

Timings: Session - 1: 10:00 AM to 12:00 Noon

Session - 2: 2:00 PM to 4:00 PM