

About the College:

The college was established in 1998 is promoted by AANM & VVRSR Educational Society and is located amidst green surroundings in the outskirts of Gudlavalleru. The six eligible B.Tech programs have been accredited by NBA, CSE for five years and CE, EEE, ME, ECE & IT provisionally for three years with effect from 04-02-2017. All these programs were earlier accredited by NBA for two years. The College is Accredited by NAAC 'A' Grade. The UGC, New Delhi has conferred Autonomous status on the college for a period of six years from the academic year 2014-15. The college has been recognized under 2(f) & 12 (B) Acts of UGC, New Delhi. Tata Consultancy Services (TCS), vide its letter dated 19-11-2010 has informed that it has accredited this college. The college also obtained status of permanent affiliation for three years w.e.f 25-06-2013 successively a third time by the affiliating University, JNTUK, Kakinada.

The College also offers M.Tech. Programs in ECE, EEE CSE, ME, IT and Civil Engineering in addition to MBA program.

About the Department:

The department is offering B.Tech Programme in Electronics and Communication Engineering since 1998 along with M.Tech in Embedded Systems since 2008. The department has nine fully equipped laboratories, The department has been recognized as Research center by JNTUK 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, IoT.

The 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 R2017a, Aldec VHDL, FPGA Express, Altera Quartus-II, MentorGraphics, Xilinx ise 14.7 Modelsim, Network Simulator(NS2), NIMultisim & NIUltiboard, Ride LabVIEW2016 and Xilinx Vivado 2017 etc.

About the Workshop:

The Workshop is formulated to enhance the knowledge and skill of the participants in using Raspberry pi for implementing real time projects in the field of Laboratory Application.

Objectives:

- To make the participants familiarize with Raspberry pi for home and Lab automation through hands on experience.
- To enable the participants to handle the real time projects in the field of IoT using Raspberry pi.

Contents of the Workshop:

- Raspberry Pi Fundamentals
- Designing concepts of Raspberry Pi
- IoT Networks, Architecture and Platforms
- Creating a VPN and accessing via local network using Wi-Fi
- Getting in touch with OpenCV (History, Versions & advantages)
- Basics of Image processing
- Interfacing with live camera stream
- Hands on Practice

Resource Persons:

From **Que Engineering Services Pvt Ltd**, Vijayawada.

- Mr.B.Kranthi Kumar. M.D., Design Engineer.
- Mr.S.Venu Gopala Krishna. Asst. Design Engineer.
- Mr.M.Prem Kumar. Asst. Design Engineer.

How to Apply:

Applications in the prescribed proforma duly signed by the Head of the Institution/Organization should reach the convener on or before **05-12-2017**.

Note: Spot registrations are accepted.

Registration Fee:

- Technicians:Rs:200/-

Registration fee should be paid at the venue through cash only.

Eligibility :

Technical supporting staff from AICTE approved Engineering Colleges & Polytechnic Colleges.

REGISTRATION FORM

A TWO DAY WORKSHOP

on

IoT Platforms and Their Practical Implementation

(For Technical Supporting Staff)

08th - 09th , December 2017

1. Name of the Participant :
2. Designation :
3. Name of the Organization :
4. Address for Communication:
5. Phone Number :
6. E-mail :

SPONSORING AUTHORITY

Mr./ Mrs. _____

Employed as _____ in the college/ organization is sponsored to attend the workshop.

Place:

Date:

Signature of Sponsoring Authority with Seal

Note: Xerox copies of this form can be used.

Chief Patron:

AANM & VVRSR Educational Society

Patrons:

Dr. P. Nageswara Reddy, Principal
Dr. P. Ravindra Babu, Vice Principal & Dean SA
Dr. S. R. K. Reddy, Advisor to the Management

Convenors:

Dr. V.V.K.D.V.Prasad, Prof. & HoD, ECE Dept.
Dr. M.Kamaraju, Professor and Mentor (AS & A), ECE Dept.

Coordinators:

Mr.K.V Rama Krishna, Lab Technician, ECE Dept.
Mr .Ch.Ramesh Babu, Lab Technician, ECE Dept.

Advisory Committee:

Dr.A.V.N.Tilak , Professor, ECE & Dean, R&D and PG Studies
Dr.G.V.S.N.R.V.Prasad, Professor, CSE & Dean AA
Dr.B.Karuna Kumar, Professor, ME & Dean P&M
Dr.K.Naga Prakash, Professor, ECE
Dr.R.S.Rao, Professor, ECE
Dr.Y.Rama Krishna, Professor, ECE
Dr.B.K.N.Srinivasa Rao, 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.Y.Syamala, Assoc. Prof., ECE
Mr.B.Raja Sekhar, Assoc. Prof., ECE
Mr.Y.Sri Chakra Pani., Assoc. Prof., ECE
Dr. D. Ravi Krishna Reddy, Assoc. Prof., ECE

Address for Correspondence:**Convener :**

Workshop on "IoT Platforms and Their Practical Implementation"
Dept. of Electronics & Communication Engineering,
Gudlavalleru Engineering College,
GUDLAVALLERU.
Krishna (Dist.), A.P. – 521 356

Coordinators:

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Mobile:+91-9494475775
e-mail : rameshbabu204@gmail.com

Venue: ECAD Laboratory (Room No: M-320)

Phone No: (08674) - 273737- Ext. 2107,2108

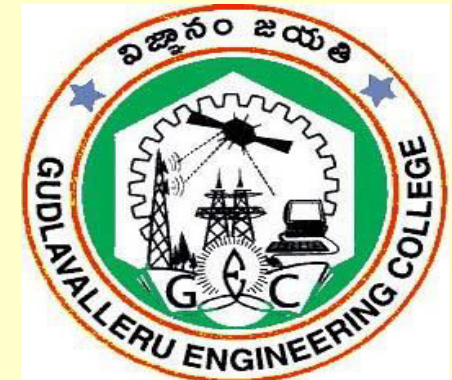
**A TWO DAY WORKSHOP**

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Organized by

Department of Electronics & Communication Engineering

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356,
Krishna District, A.P., India (Approved by AICTE, New Delhi,
Recognized by A.P. State Government and Accredited by NAAC & NBA)

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