

ABOUT KITS

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES (KITS) was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticherukuru Mandal of Guntur district by Sri. KoyeSubba Rao. The Institution was started with four AICTE approved undergraduate programmes in Departments of Electrical and Electronics Engineering (EEE), Electronics and Communications Engineering (ECE), Computer Science and Engineering (CSE), Information Technology (IT) with an overall intake of 240 students. Later programmes in MBA, Departments of Civil Engineering and Mechanical Engineering were inducted. This year (2015-16), the college has grown manifold with a total student intake of 906 pursuing courses in 5 undergraduate and 5 postgraduate programmes. The vision of the Institute is to impart quality education through exploration and experimentation and generate socially-conscious engineers, embedding ethics and values, for the advancement in Science and Technology, though the affiliating University introduces curriculum based on the feedback of industry, students and faculty members, the Institute assesses the existing curriculum and adds extra topics beyond the syllabus. Electives are offered by the affiliating University at both post graduate and under graduate levels in terms of specializations. All programmes offered by the Institute are semester based. The intake of programmes approved by AICTE and affiliated to JNTUK Kakinada. The institution is accredited by NAAC with A grade.

ABOUT THE ECE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2008. Since then, the department has grown in manifold and has become one of the important departments in the college. The department offers a four year B. Tech degree programme and a two year M. Tech Degree programme. The department maintains a close liaison with industries and ensures that students are trained as per the current needs of the society. The curriculum provides in depth knowledge of both hardware and software skills. The department is full-fledged with adequate infrastructure and state-of-art laboratories.

ABOUT THE WORKSHOP

This programme is targeted to Electronics students with some knowledge on Embedded Systems Concepts and Microcontrollers. This course is based on the Arduino Nano board and its implementation using Arduino IDE.

This programme provides better view on programming aspects of Arduino Microcontrollers. Thus it offers

various Real Time projects to implement using Arduino Microcontroller by programming in C Language Programming.

STEERING COMMITTEE

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Sri. KoyeSubbaRao, Chairman

Patrons:

Sri. KoyeSekhar, Secretary

Dr. P. Babu, Principal

Workshop Chair:

Dr. M. Siva Ganga Prasad., Professor & HoD of ECE

Organizing Chair:

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Mr.E.V. Narayana, Assistant Professor of ECE
Mr.T.Venkat, Assistant Professor of ECE
Mr. R.Ram Mohan Assistant Professor of ECE
Mr.B.Brahmaiah Assistant Professor of ECE
Mr.M.Nagaraju, Assistant Professor of ECE
Mr.B.Venu, Assistant Professor of ECE

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Prof. K. Madhusudhana Rao, Professor of ECE
Prof.V. Murali Krishna, Professor of ECE
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Ms.IndiraPriyadarsini, Assistant Professor of ECE
Mr.KumaraSwamy, Assistant Professor of ECE
Mr.M.Rakesh, Assistant Professor of ECE

A TWO Day National Workshop on PCB Design & Fabrication 21st, 22nd & 28th, 29th August 2017

APPLICATION FORM

1. Name:

2. Qualification :

3. Designation :

4. Mailing Address:

Pin code:

E-mail:

Contact Number:

5. REGISTRATION FEE Details:

Amount: Rs.

Date:

Signature of the Applicant



COURSE LEADER

M.Praveen Kumar

Our resource person Mr. Praveen Kumar Manukonda, M.Tech is Trainer and Founder at PARL Embedded Technologies PVT LTD, Guntur, AndhraPradesh. Mr. Praveen is a full time trainer in Embedded Systems. He has 4 years of Experience on Embedded Systems training. Already conducted workshop on 8051 microcontroller programming in NRIIT, Perecherla , 8051 and Arduino programming in Vignan's University, and Robotics Workshop in Nalanda Institute of Engineering and Technology, Sattenapalli.

LEARNING OUTCOME OF THE WORKSHOP

By the end of the Workshop students get exposure on how to simulate Electronics circuits using Circuit Wizard and Proteus Professionals Softwares which will help the students to realize the Circuits in Simulation.

And how to design a PCB(Printed Circuit Board) for the Electronics circuits in Easyeda website which help the students in designing and fabricating their own PCB's for their Academic Projects.

COURSE CONTENTS

Day 1

Introduction to Electronics and Electronics Components,
Installation of Circuit Wizard Software,
Implementation of Electronics circuits in Circuit wizard,
Installation of Proteus Software,
Implementation of Electronics circuits in Proteus.

Day 2

Introduction to PCB,
Design stages for PCB in Easyeda Website,
Fabrication Process of PCB.

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Organized by

IEEE Student branch,

Department of

Electronics and Communication Engineering



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(Approved by AICTE, Delhi, Affiliated to JNTU, Kakinada

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