

About the College

GUNTUR ENGINEERING COLLEGE is functioning under the aegis of Sri Krishna Sai Educational Society since 2008. It has a mission to accomplish and maintain international eminence and become model institution of higher learning through dedicated development of minds, advancement of knowledge and professional application of skills to meet the global demands. The best possible atmosphere for academic growth is provided for the benefit of both the students and the parents who have placed their trust in GEC.

The institution is ideally located in a vast expanse of 20 acres of land on the outskirts of Guntur city and at a distance of 35 Kms from the capital city of Andhra Pradesh, Amaravathi. The college offers 05 courses in Undergraduate program, 07 courses in Postgraduate program and 3 courses in Diploma Program. It is among the top engineering colleges in the Guntur district with best infrastructure, well equipped labs and eminent Doctorates in all the departments. The college has best sophisticated labs and excellent research atmosphere to carry out R&D projects to address the technical challenges of the modern industry and needs of the society for better civilization. The college has been recognized as a Business Incubation Center/ Host Institute by MSME, Govt. of India.

About the Department

The Department of Electrical and Electronics Engineering was established from the inception

of the college. The Department has an intake of 60 students for UG (B.Tech), 42 for PG (M.Tech-Power Systems and Power Electronics & Drives) and 60 for the Diploma courses. The department is imparting quality education by experienced faculty. The MSME Incubation centre is an asset to the department. In addition to that the department has excellent infrastructural facilities and a lot of good laboratories to train the sound technical knowledge and to carry out real time projects besides the curriculum.

About the Programme

The **MATLAB** (matrix laboratory) is a multi-paradigm numerical computing environment and proprietary programming **language** developed by MathWorks. Although **MATLAB** is intended primarily for numerical computing, an optional toolbox uses the MuPAD symbolic engine, allowing access to symbolic computing abilities. Typical uses include:

- Math and computation
- Algorithm development
- Modeling, simulation, and prototyping
- Data analysis, exploration, and visualization
- Scientific and engineering graphics
- Application development, including Graphical User Interface building

Simulink, developed by Math Works, is a graphical programming environment for modeling, simulating and analyzing multidomain dynamical systems. Its primary interface is a graphical block diagramming tool and a customizable set of block libraries. It offers tight integration with the rest of

the MATLAB environment and can either drive MATLAB or be scripted from it. Simulink is widely used in automatic control and digital signal processing for multidomain simulation and Model-Based Design.

This workshop enriches the participants on the basic concepts of MATLAB, SIMULINK based real time control for Industrial applications. This Workshop also enables the participants to gain the basic knowledge on the implementation of these concepts for real time applications.

Eligibility Criteria

This programme is open to all AICTE approved engineering college Teaching Staff members and students pursuing UG & PG courses, Research scholars & Professionals from industries. Selection of participants will be on first come first serve basis.

Resource Person:

Prof. V.SATHYANARAYANA

Ramachandra College of Engineering, Eluru.

Registration Fee: Rs. 1,000 /-

Important Dates:

Last date of registration: **04-09-2018**

Intimation of selection: **05-09-2018**

Registration Form

1. Name: _____
2. Designation: _____
3. Qualification: _____
4. Institution: _____
5. Experience: _____
6. Address : _____

7. Email Id: _____
8. Mobile No. : _____

Declaration:

The information provided is true to the best of my knowledge and belief. If selected, I agree to abide by the rules and regulations of the programme.

Signature of the Applicant

Chief Patron

Sri M.Narahari Rao, Hon'ble Chairman, KES

Patron

Dr A.Rama Rao, Principal, GEC

Advisory Committee

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Convener

Dr. G. V. Narayana,

Professor & Head, Dept.of EEE, GEC

Coordinator

Mr.P.V.Pattabhi Ram, Assoc.Prof.

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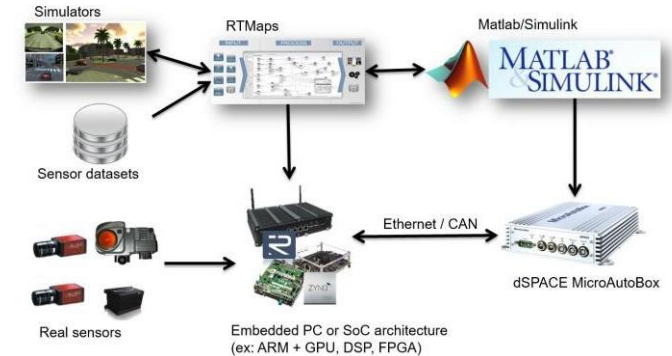
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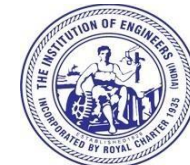
A Three Day Faculty Development Program on

“Applications of MATLAB/SIMULINK for Career Advancement”

6th - 8th September, 2018



In association with



The Institution of Engineers (India)

Organized by the Department of



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Guntur Engineering College**

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