



KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES
(Approved by AICTE, Affiliated to JNTUK, Kakinada)
VINJANAMPADU, GUNTUR, ANDHRA PRADESH - 522017.

A Three - Day Faculty Development Programme on
"Industrial Automation & Research opportunities"
in association with INDWELL Automation

7th-9th November, 2016

REGISTRATION FORM

1. Name: _____
2. Designation: _____
3. Educational Qualification: _____
4. Name of the Institute: _____
5. Professional Experience: _____
6. Areas of Interest: _____
7. Address for Communication: _____
8. Phone: _____
9. E-mail: _____
10. Accommodation Assistance Required :
(YES/ NO)

Declaration

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

Place:

Date:

Signature of the Applicant

Chief Patrons
Sri. K. Subba Rao
Chairman
Sri. K. Sekhar
Secretary
Patron
Dr. P. Babu
Principal

Organising Committee

Prof. T. Srinivasa Rao
Convener, HOD EEE Dept.

Mr. M. Amarendra
Co-Convener, Asst. Professor EEE Dept.

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Asst. Professor, EEE Dept.

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Asst. Professor, EEE Dept.

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Mr. K. Gopi Teja
Asst. Professor, EEE Dept.

Mr. O. Hima Kiran Kumar
Asst. Professor, EEE Dept.

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**A THREE DAY FACULTY
DEVELOPMENT PROGRAMME**

on

**"INDUSTRIAL AUTOMATION &
RESEARCH OPPORTUNITIES"**

in association with

INDWELL AUTOMATION

PUNE

7th, 8th & 9th November 2016



Organized by

DEPARTMENT OF EEE



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Ph : 0863 - 2286666/77/88

www.kitsguntur.ac.in

ABOUT THE INSTITUTE

KKR & KSR Institute of Technology & Sciences (KITS) was established in the year 2008, by GSR & KKR EDUCATIONAL SOCIETY in Vinjanampadu village, Vatticherukuru Mandal of Guntur District. It is approved by AICTE, New Delhi and affiliated to JNTUK, Kakinada. The institute offers Under-graduate programmes in the Departments of Electrical and Electronics Engineering (EEE), Computer Science and Engineering (CSE), Electronics and Communications Engineering (ECE), Civil Engineering (CE) and Mechanical Engineering. It also offers PG Programmes in MBA, M.Tech(CSE), M.Tech(VLSI), M.Tech(PE&D), M.Tech(DECs).

ABOUT DEPARTMENT OF EEE

The Department of Electrical and Electronics Engineering was established in the year 2008. The department has been actively engaged in teaching and research in diverse fields of Electrical and Electronics Engineering. It offers B.Tech in EEE with an intake of 60 students and M. Tech in Power Electronics and Drives with an intake of 36 students. The department of EEE has adequate and well-qualified faculty spanning all major areas of Electrical Engineering. Apart from regular academics, the Department Association organizes activities such as Quiz, Group discussions, just a minute sessions, mock interviews, reasoning and aptitude tests etc to encourage and motivate students to achieve their goals. The Department also encourages the students to involve in different projects and to participate in technical, social and cultural events organized by other Institutions.

ABOUT THE PROGRAMME

The main objective of this Faculty development programme is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Automation & Latest Technologies being used to achieve Industrial Automation. The idea of organizing this Programme is to inculcate the basic fundamentals of Automation among faculty, M.Tech & Research students and also to provide them a platform to work on, in the near future.

RESOURCE PERSONS

Experts from INDWELL Automation, Pune will act as resource persons.

TOPICS TO BE COVERED

PLC: Introduction, types, ladder hardware and software, logic development, important instruction, Industrial real applications, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.

HMI/MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, password level, screen display & Industrial project development.

SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.

AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and deceleration time control of induction motor, interfacing with PLC, multispeed & multidirectional control project.

INTERFACING PROJECT: Complete interface of PLC, SCADA, AC Drive and Digital I/Os with a real Industrial application program.

ELIGIBILITY

The program is open to Faculty members, Industrial persons, M.Tech and research students of engineering colleges working in the concerned / allied areas of Engineering.

REGISTRATION PARTICULARS

Application in the prescribed format duly signed by the Head of the Institution should reach the co-convenor on or before 05.11.2016. The soft copy of application (scanned copy) can also be sent to the co-convenor.

*Spot registration is also allowed.

REGISTRATION FEE

For Academicians & Industry Persons

Registration Fee : Rs.300/-

For Research Scholar & PG Students

Registration Fees; Rs.200/-

*Fee will be collected at the time of registration.

IMPORTANT INFORMATION

Last date of receiving applications for

participation : 5th November 2016

Duration of the FDP :

Three Days (7th -9th Nov 2016)

ACCOMMODATION

Accommodation will be provided to the external participants on payment basis with prior request.

*NO TA/DA WILL BE PAID TO THE PARTICIPANTS.

SPONSORSHIP CERTIFICATE

Mr./Mrs./Ms.-----, is an employee of our Institute and is hereby sponsored to participate in Three-Day Faculty Development Programme on "Industrial Automation & Research opportunities" in association with INDWELL Automation on 07th, 8th & 09th November, 2016 at KKR & KSR Institute Of Technology & Sciences (KITS), Guntur.

Place:

Date:

Signature of Head of the Institution

(With seal)