

About the Workshop:

We can broadly define an embedded system as a microcontroller-based, software-driven, reliable, real-time control system, designed to perform a specific task. It can be thought of as a computer hardware system having software embedded in it. It can be either an independent system or a part of a large system. This workshop has been designed to help the students of electronics learn the basic concepts of Embedded System and developing programs using Texas Instrument -C2000 and making hardware's projects on the same.

Contents:

- ❖ Why DSC for power electronics?
- ❖ C programming concepts.
- ❖ Why version control system?
- ❖ C2000-TMS320F28027F Documents.
- ❖ Exploring the TMS320F28027F peripherals and its features.
- ❖ Ways to program the C2000 controller.
- ❖ Proteus simulation.
- ❖ Hands on training programming C2000 peripherals.
- ❖ Isolating Digital Electronics circuits from power electronics equipment.
- ❖ TI control Suite Libraries.
- ❖ FFT, IIR Filters & Controllers.
- ❖ Implementing closed loop control of DC-DC converter.

Who should attend?

- ❖ UG/PG Engineering Students
- ❖ Student / Research Scholars
- ❖ Faculty Members

Registration Fee:

- PSG Students/ Research Scholars /Faculty - INR- 500/-

Others

- Students/Research Scholars- INR- 3,000 /-
- Faculty Members- INR- 3,500 /-

Mode of Payment:

 Demand Draft only.

In favor of: **PSG CNCE**/Payable at: **Coimbatore.**

The duly filled application form is to be sent to:

Mr. K. Ravichandran, CoE-Welding,
PSG TECH,
Peelamedu,
Coimbatore -4
Contact No: 9600422851
Email: ravi.coew@psgtech.ac.in

Program Related Queries:

Mr. V. Suresh kumar, CoE-Welding
Contact No: 9790359290
Email: vsk.coew@psgtech.ac.in

The details of this workshop are available in the website:

www.psgtech.edu
www.coew.psgtech.ac.in

Venue: PSG College of Technology, Coimbatore.
Hall will be informed in short notice
Candidates should report for the first day of course at 9:00AM.

Training will begin at 10:00AM every day.

PSG COLLEGE OF TECHNOLOGY, COIMBATORE

Four -Day Workshop On Digital Signal Controller for Power Electronics Application

August 4th, 11th, 18th & 25th, 2018
APPLICATION FORM

Name (in Block Letters):

Date of birth & Age :

Qualification :

Experience (if any) :

Designation & Dept. :

Organization :

Address for :

Communication :

Office No.:

Mob No.:

Email Id:

Demand Draft No. & Bank:

Amount in Rs:

DECLARATION BY THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place:

Date:

Signature of the candidate

Sponsorship

Mr./Ms./Dr. _____

is an employee of our Institution / Industry and is hereby sponsored. He/she will be permitted to attend the workshop, if selected.

Office Seal

Place

Date

Signature of the
Sponsoring Authority

About the CoE-WELDING

Our centre has one of the most qualified and experienced team of consultants from various industrial sectors. We make difference in helping the candidate to achieve their professional goals. The courses are practical, interactive and specially designed for the growing needs of such specialized skills.

Organizing Committee:

CHAIRMAN

Dr. R. Rudramoorthy, Principal, PSG TECH

PATRON

Dr. Bhuvaneswari M C, Professor & Head I/C, Dept of EEE

CONVENORS

Dr. B. Vinod, Head, Dept. of RAE

Dr. M. Sundaram, Asst. Prof, Dept of EEE

Dr.S. Suresh, GM/Head, CoE -welding

Dr.K. Asokkumar, AGM/Dyp Head, CoE-Welding

ORGANISING SECRETARY

Mr.J. Chelladurai, Dept of EEE

Mr. M. Anand, Dept of EEE

CO-ORDINATORS

Mr.K. Ravichandran, CoE-Welding

Mr. V. Suresh Kumar, CoE-Welding

Mr. E. Sriram, CoE-Welding

Mr. G. Sarath Gopi, CoE-Welding

Important Dates to Remember:

- Submission of Reg. form and Demand Draft (thro' post): 23.07.2018

Note:

Lunch will be provided to the outstation academic participants.

About the EEE Department

The Department of Electrical and Electronics Engineering (EEE) has been playing a vital role in producing scientists and technologists of highest caliber over since it was established in the year 1951. The department offers UG (Regular and Sandwich) programmes, PG programmes (Applied Electronics, Power Electronics & Drives, and Embedded & Real-Time Systems), and PhD programmes. The department along with its highly qualified faculty members started functioning right from inception and engages actively in teaching and research in all current areas of Electrical and Electronics Engineering.

The Department has a competent and committed faculty team, drawn from the industry and practicing professionals, apart from the academicians to enhance the quality of the academic programmes.

About the College

PSG College of Technology, started in the year 1951, is an autonomous college for the past 33 years, offering 22 undergraduate programmes and 37 postgraduate programmes. It also offers research programmes leading to MS/Ph.D. degrees in all departments. Currently more than 520 research scholars, both full time and part time, are working for their Ph.D. degree.

PSG College of Technology, an AICTE approved institution is affiliated to Anna University, and is ISO 9001 certified. PSG College of Technology believes in creating and disseminating knowledge and skills in core and frontier disciplines through innovative educational programmes, industrial training, research & consultancy and developing a new cadre of professionals with a high level of competence, deep sense of social commitment and ethics. PSG College of Technology has collaborative arrangements with industries, research laboratories and Universities abroad in various areas of joint academic programmes, research and training.

Four -Day Workshop

on

Digital Signal Controller for Power Electronics Application

August 4th,11th ,18th & 25th ,2018

Organized
By



CENTRE OF EXCELLENCE
IN
WELDING ENGINEERING AND TECHNOLOGY

and

Dept. of Electrical & Electronics Engineering

PSG College of Technology
Peelamedu, Coimbatore - 641 004
Tamilnadu