COLLEGE PROFILE

PSNA College of Engineering and Technology is a premier institute in Tamil Nadu. It was established in the year 1984 by a noted philanthropist and educationalist Kalvithanthai (late) Thiru. R.S.Kothandaraman, with a challenging commitment to produce high quality engineers and able administrators of high caliber and professionalism. The college is approved by AICTE and accredited by National Board of Accreditation, New Delhi. This prestigious institution, at present offers 7 UG programmes, 8 PG programmes in Engineering and Technology besides MBA and MCA. The college has excellent infrastructure facilities. The academic strength of faculty is reflected by our alumni, many of whom are in top echelons of industry and academia both in India and abroad. Our college has secured the Bharatiya Vidya Bhavan National Award in the year 2007, given by ISTE, New Delhi, instituted for an Engineering College having best overall performance, at the National level.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering established in the year 1994, is taking all efforts to meet the objectives of achieving technical excellence in the core areas of Power, Energy and control. Based on the infrastructure facilities and faculty strength, the department was accorded approval by AICTE, New Delhi and Anna University Chennai to offer a Post Graduate program in Power Electronics and Drives in the year 2003. It is recognized by Anna University Chennai as one of the research centers to carry out research leading to Ph.D. and M.S. Programmes. The department was accredited by National Board of Accreditation, New Delhi in 2002 and 2006. In the year 2013, it was awarded 5 year status in TIER-II, outcome based accreditation. Highly qualified and experienced faculty with specialization in Power Systems, Power Electronics, Applied Electronics, and Energy are carrying out active research and looking after the administration of the department besides teaching with total commitment. Energy Auditing and Management cell of this department is taking up energy auditing and consultancy work in various industries all over the country. The department has also established and running the Industrial Automation Laboratory (7th of its kind in India) and Instrumentation Laboratory (1st of its kind in India) in association with SIEMENS India.

IMPORTANT DATES

Last date for receiving
the registration form   : 12.09.2016
Notification of selection   : 12.09.2016
[Through e-mail]

ADDRESS FOR CORRESPONDENCE

Dr. R. Karthigaivel,
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PSNA College of Engg. and Tech.,
Dindigul – 624622, Tamil Nadu, India.
Mobile: 8940984497 / 9842961337
E-mail: karthi.mtech@gmail.com

Two-Days Workshop
On
"PIC Microcontroller and its Applications to Power Electronics"

16th & 17th September 2016

Convener

Dr. V. Rajasekaran
Professor & Head

Coordinators

Dr. R. Karthigaivel
Associate Professor

Mr. S. Selvakumaran
Associate Professor

Ms. P. Sivakami
Assistant Professor/EEE

Organized by

Department of Electrical & Electronics Engineering
PSNA College of Engineering & Technology
Dindigul – 624622, Tamil Nadu, India
http://www.psnacet.edu.in

SCOPE OF THE PROGRAMME

Microcontrollers act as the brain of any embedded system. PICs are popular with practicing engineers, researchers and hobbyists alike due to their low cost, wide availability, large user base, extensive collection of application notes, availability of low cost or free development tools, and serial programming capability.

The course aims at explaining the architecture, programming and interfacing concepts of PIC microcontroller through comprehensive lectures and laboratory classes. It is believed that this would help the participants to gain an in-depth knowledge and hands-on-experience in programming and applications of microcontrollers.

COURSE CONTENTS

The following topics will be covered in the workshop:
- Introduction to PIC Microcontroller
- PIC Architectural Design and Timer/Counter
- A/D and D/A conversion
- Embedded C introduction
- Compilers, debuggers, simulators & IDE
- Software and Hardware concepts of PIC Microcontroller
- Interfacing concepts and PORT Programming
- Practical sessions

ELIGIBILITY

Faculty and PG/UG students from EEE/EIE/ECE and IT departments of any Engineering College are eligible for this workshop. With a view to give individual attention to the participants and to make the programme more effective, the number of participants is restricted to about 40.

REGISTRATION FEE

Faculty/ Research Scholars : Rs. 750/-
PG/UG Students : Rs. 500/-

The registration fee includes registration kit, lunch and refreshment. The registration for the workshop can be made by sending the duly filled application form along with a Demand Draft drawn in favour of "The Principal, PSNA College of Engineering and Technology" payable at Dindigul taken from any nationalized bank.

Spot registration may also available, if the confirmation is made through e-mail.

ACCOMMODATION

Boarding and Lodging will be provided with reasonable charge in college hostel on request. No TA/DA will be paid for the participants.

REGISTRATION FORM

Two-Days Workshop on
"PIC Microcontroller and its Applications to Power Electronics"

16th & 17th September 2016

Name :

Designation :
Department :
Institution/ Organization:

Address for communication:

Mobile/Phone :

E-mail :

DD No & Date :
Bank Name :
Accommodation required: Yes / No

Signature of the applicant

Certified that Dr./Mr./Ms……………………..
is sponsored to attend the programme.

Signature of the Head of the
Department/Institution
With seal