



ABESIT

ABESIT/DO/2016-17/172

May 25th, 2017

To,

Director/Principal

Subject: Invitation for 5 Days FDP on “Power Electronics & Drives” at ABESIT Ghaziabad.

Respected Sir/Madam,

It gives us immense pleasure to inform you that ABES Institute of Technology, Ghaziabad is organizing 5 days Faculty Development Program in coordination with Dr. A.P.J. Abdul Kalam Technical University, Lucknow on “Power Electronics & Drives” from 12th June to 16th June 2017.

The lectures will be delivered by eminent experts working in the field of Power Electronics & Drives. The topics to be covered in Faculty Development Program are given in the attached brochure. Besides issuing the participation certificate, complete course material will also be provided to the registered participants. This shall provide the faculty members an opportunity to interact with each other, exchange ideas, and also enhance knowledge related to the subject for improved class room delivery.

Institute has 11 Centers of Excellence and amongst these, a Center of Excellence of Power Electronics & Drives is running with Entuple Technologies, Bangalore. This Center of Excellence is one of the three nodal centers of AKTU, Lucknow for empowering the various engineering colleges to develop expertise on issues related to Power Electronics & Drives.

We request you to please circulate the attached brochure among your faculty members who feel interested in attending the above Faculty Development Program in our college premises. **You are requested to nominate at least two faculty members of your Institute for attending the said Faculty Development Program.**

A copy of the registration form is also enclosed herewith to be filled and sent by an individual, along with the registration fee in the form of Bank Draft/NEFT, drawn in the favor of ABES Institute of Technology payable at Ghaziabad. On the spot, registrations will also be available on cash payment basis.

Kindly feel free to contact us for any other details.

Looking forward to the valuable participation from your esteemed organization.

Thanking you

With regards,

A handwritten signature in blue ink, appearing to read 'Bhavesh Kumar Chauhan', is written over a light blue horizontal line.

Prof. (Dr.) Bhavesh Kumar Chauhan

Director, ABES Institute of Technology, Ghaziabad

Mob: 9711060919

Email: director@abesit.in

ABES Institute of Technology College Code 290

Approved by AICTE, Ministry of HRD, New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University (formerly Uttar Pradesh Technical University), Lucknow
Campus-2, 19th km, Stone, NH-24, Vajray Nagar, Ghaziabad - 201009, (U.P.), India. Phone: +91-120-2840399, 2840413, 2842000. Fax: +91-120-2845600
website: www.abesit.in, email: info@abesit.in



Faculty Development Program
on
Power Electronics & Drives
(12th - 16th June, 2017)



Supported & Sponsored by

Dr. APJ Abdul Kalam Technical University
Uttar Pradesh, Lucknow

and

Organized by

Department of Electrical & Electronics Engineering
ABESIT Ghaziabad

About the Institute

The ABES Institute of Technology is a reputed Engineering Institute in NCR which embarked on its Mission in the field of Technical education from the Academic Session 2007-08. The Institute has lushgreen and sprawling campus situated next to Crossing Republik, NH-24, Ghaziabad. Institute philosophy has been to invest all the resources towards student's cause and development. Institute teaching staff is qualified, painstaking and competently meeting out student's curriculum requirement which is reflected in the Institute result. It has human resources with corporate background as a part of faculty which ensures the right blend of theory and practical applicability of the course concept. 'ABESIT-Centers of Excellence & Innovations (CEI)' has been setup to take the curriculum few steps ahead through mechanism that introduces a "hands on practice" and innovation for development of products amongst students. 'Abesit-Corporate Resource Centre (CRC)/Placement Cell is playing a vital role in placement activities. Various co-curricular and extra-curricular activities are regularly conducted which ensures the overall development of the students.

Center of Excellence on Power Electronics & Drives

The department has well-qualified and dedicated teaching faculty with various specialization and good exposure. The department has been maintaining an active interaction with different industry persons so as to bridge the gap between industry and academics. The department organizes seminars, workshops, debates and quizzes to prepare students to develop their professional capabilities. The students are trained in both software and hardware skills and basic inputs are provided to make them self-confident to work in industry and get encouragement for higher studies & research. State of art laboratories of the department provide ample opportunities to the students to complete meaningful projects apart from practice sessions of laboratory courses.

A center of Excellence of Power Electronics & Drives is running with Entuple Technologies Bangalore. This center of excellence is one of the three nodal centers of AKTU for empowering the various engineering colleges to develop expertise on issues related to Power Electronics & Drives.

Objectives of FDP

Power Electronics technology has gone through dynamic evolution in the last quarter century. Recently, its applications are fast expanding in industrial, commercial, residential, transportation, utility, aerospace, and military environments due to reduction of cost, size and improved performance. Modern electrical drives and power electronic techniques are increasingly finding its use in today's perspective.

The aim of this faculty development program is to provide opportunity to students, faculty, engineers and utility/industrial personnel to know and exchange information about the latest advances in Power Electronics, Electric Drives, real time implementation, associated problems and measures to overcome them and possible area of research. This FDP will also cover Power Quality and associated issues like active and reactive power management, harmonics, power factor improvement, efficiency.

Topics to be deliberated

The major topics that would be covered in FDP are:

- Overview of Power Electronic Converters
- Introduction to ANSYS MAXWELL
- Power Quality & its Improvement
- Modelling of SVC and STATCOM for reactive power compensation
- Special Electric Drives and their applications
- Non Linear Instabilities of DC-DC Power Electronic Converters

Who can Participate

The program is open to faculty members, M.Tech. Students, Research Scholars and Professional working in industries

Registration

Registration fee : Rs. 2000/- for each participants

Registration fee may be paid through Demand Draft/pay-order in the favour of "ABES Institute of Technology Ghaziabad" payable at Ghaziabad. NEFT to ABES Institute of Technology, Ghaziabad with Account Number 0674009300226366, IFSC CODE PUNB0067400, Punjab National Bank, Navyug Market, Ghaziabad

Registration fee includes participant registration, registration kit, lunch and refreshments on all working days. Participants have to arrange for their travel expenses and accommodation.

Certificate

Participation Certificates shall be awarded to all the participants by the Institute on the concluding day.

Resource Persons

- | | | |
|--|---|------------------------------------|
| 1. Prof. G. Bhuvaneshwari IIT Delhi | 2. Prof. J.P. Pandey KNIT Sultanpur | 3. Prof. S.P. Singh IIT Roorkee |
| 4. Prof. Sandeep Anand IIT Kanpur | 5. Prof. Sampath Kumar V JSSATE Noida | 6. Prof. R.K. Singh IIT BHU |
| 7. Prof. P. Ranjan Amity University Noida | 8. Prof. K.S. Verma REC Ambedkar Nagar | 9. Prof. Nitin Gupta NIT Jaipur |
| 10. Mr. Tijo Thomas Entuple Tech. Bangalore | 11. Prof. Nitin Kr. Saxena MIT Moradabad | |

For more Information please contact

Prof. Suneel Kumar Agrawal
Mob: 9675509887
suneel.agrawal@abesit.in

Chief Patrons

Prof. (Dr.) Vinay Kumar Pathak
Vice Chancellor
Dr. APJ Abdul Kalam Technical University
U.P., Lucknow

Shri Ashu Goel
Chairman
ABES Institute of Technology
Ghaziabad

Patrons

Prof. (Dr.) Vipin Garg
Advisor, ABESIT

Prof. (Dr.) Bhavesh Kr. Chauhan
Director, ABESIT

Convener

Prof. (Dr.) Bhavesh Kr. Chauhan
Director, ABESIT

Program Co-ordinator

Prof. Suneel Kumar Agrawal
Mob : 9675509887
suneel.agrawal@abesit.in

Organizing Faculty

Prof. Swati Singh

Prof. Kalyan Pal

Prof. Khushboo Arora



Venue

ABESIT Ghaziabad

Our Centers of Excellence in Campus

Automation Technologies
Hydraulic System
Rexroth
Bosch Group

Industrial Automation
Pneumatic Systems
FESTO

Analog & Embedded Systems
with
**TEXAS
INSTRUMENTS**

Entuple Technologies
ANSYS Mechanical
ANSYS

Power Electronics & Drives
a seat of AKTU
with **ENTUPLE**

Advanced Robotic Control
for Industrial Automation
with **Indra Drive**

eLSI in Embedded Systems
& Robotics
@yantra
of IIT Bombay

Big Data & IoT
with
datreon

Computer Aided Design
& Engineering Analysis
with **CADPLUS**

Center for Structural
Engineering & Analysis

Remote Sensing and Geographic
Information System

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Campus-2, 18th Km. Stone, NH-24, Vijay Nagar, Ghaziabad - 201009, (U.P.), India, Phone: 91-120-6517673, 6517675 Fax: +91-120-2645600, Mobile No. 8953522000
website: www.abesit.in, email: info@abesit.in



Registration Form
Faculty Development Program
on
Power Electronics & Drives
(12th - 16th June, 2017)

Organized by
Department of Electrical & Electronics Engineering

ABESIT

Name: _____

Designation: _____

Department: _____

Qualification: _____

Institution/ Organization: _____

Mobile No.: _____ E-mail _____

Draft/Pay Order/Cheque details in favour of "ABES Institute of Technology,
Ghaziabad" payable at Ghaziabad

DD/PO/Cheque No./ NEFT: _____ Date: _____

Bank & Branch: _____

Registration Fee : Rs 2000/- each participant

For Information/Enquiry contact

Mr. Suneel Kumar Agrawal
Mob. : 9675509887
Email : suneel.agrawal@abesit.in

Ms. Khushboo Arora
Mob. : 9811113029
Email : khushboo.arora@abesit.in

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