

TEQIP-III, BPUT, ODISHA

Sponsored
FACULTY DEVELOPMENT PROGRAMME
ON
**SMART GRID- CHALLENGES &
OPPORTUNITIES**

6th TO 10th JANUARY 2020

Organized by

DEPARTMENT OF EE & EEE
AJAY BINAY INSTITUTE OF TECHNOLOGY
CUTTACK

TEQIP-3

Technical Education Quality Improvement Programme

REGISTRATION FORM

Name of Participant (s): _____

Designation: _____

Organization: _____

Specialization: _____

Address for Communication _____

Phone: _____

E-mail: _____

Accommodation Required (Yes/No): _____

Date: _____ Full Signature of the Participant

Filled in registration form may be mailed to:
abitelectrical@rediffmail.com

Chief Patron

Prof. (Dr.) Chitta Ranjan Tripathy, Hon'ble Vice-Chancellor, BPUT, Odisha

Patrons

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Er. Satyadarshi Mishra, Secretary, ABIT, Cuttack
Prof. (Dr.) Ranjan Jena, TEQIP-III Coordinator, BPUT, Odisha
Prof. (Dr.) Leena Samantaray, Principal, ABIT, Cuttack.

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Er. Chinmya Das, HOD, Mech, ABIT, Cuttack

Convener

Er. Durgamadhav Swain, Head, Dept. of EE, ABIT, Cuttack
Er. Prasantini Samal, Asst. Professor Dept. of EEE, ABIT, Cuttack

Programme Coordinator:

Dr. Sivkumar Mishra, Asso. Professor, Dept. of E E, CAPGS, BPUT.

Organizing Secretary

Er. A.K. Mohapatra, Head, Department of EEE, ABIT, Cuttack

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Er. Satya Ranjan Das.
Er. Chandan Mandal.
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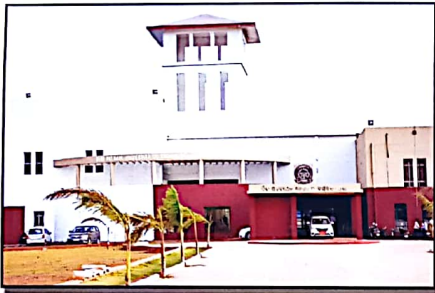


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CUTTACK



**BIJU PATNAIK UNIVERSITY
OF TECHNOLOGY, ODISHA
ROURKELA**



ABOUT BPUT, ODISHA

Biju Patnaik University of Technology (BPUT) was created by an Act of the Odisha State Legislature in November 2002. It is the State Technical University of Odisha and is a leading Affiliating Technical University (ATU) of the country. The Jurisdiction of BPUT extends to the whole state of Odisha with its head-quarter located at Rourkela. Since the day of its inception, the BPUT has been constantly promoting Education, Research and training in various fields for the advancement of knowledge and for the betterment of the society. The University over the last 17 years of existence has served as the epic centre in fostering cooperation and interacting between the academic and research community on one hand at industry and on the other. The University has more than 160 affiliated colleges, 06 constituent colleges and the Centre for Advanced Post Graduate Studies (CAPGS) under its control.

ABOUT THE INSTITUTION

ABIT group operates an Architecture college, Engineering College, MBA institute and an Industrial Training Institute in Cuttack, Odisha. The group was established in 1993 with the aim to improve availability of skilled technical manpower for industries as well as to enhance reach of technical education to rural Odisha. We are approved by AICTE, New Delhi, Affiliated to Biju Patnaik University of Technology, Rourkela and NAAC accredited, ABIT has a balanced distribution of technical streams with equal emphasis on the core sector and IT sector.

ABOUT THE DEPARTMENT

Department of Electrical Engg. was established in the year 1998 with approval of AICTE. Over the last two decades the department has established itself as a centre of excellence for advanced Electrical Engg. Studies in the state of Odisha. Our EEE department was established in the year 2006. The primary objective of the Dept. is to impart quality education, training and research at the UG levels. Both the departments are cherished with full fledged team of experienced, dynamic and highly qualified faculties and supporting staffs for imparting quality education.

OBJECTIVE OF THE FDP:

The primary objective of this faculty development program (FDP) is to make the faculty members aware of the recent challenges and opportunities that exist in Smart Grid. The program is designed to address the challenges the upcoming Smart Grids are going to face and the approaches which are going to be adopted to tackle these issues. Simultaneously, the huge amount benefits and opportunities that are going to come with the adoption of these smart features are the points of interest for the researchers. Use of massive ICT devices, introduction of Phasor Measurement Units and Smart Meters and penetration of Renewable Energy sources in a sustainable manner are some of these issues which will be discussed by the resource persons. Similarly, the microgrid is confluence of information, communications & electrical technologies for efficient grid operations. This course is designed to address the applications and control issues covering Smart Generation (Renewable and Microgrid), Smart Transmission (Integration of Renewable Energy Sources, Wide Area Measurements), and Smart Distribution (Demand Response Management and Power Quality Management). The course will provide a platform to the researchers, practicing engineers, academicians and research students to explore the challenges and opportunities in smart & microgrid systems operation and control. The five days program will have speakers from IITs, NITs, reputed institutes and industries. It is expected that the program will result in better and fruitful deliberations to understand new prospects of future power systems.

RESOURCE PERSONS:

Experts from IITs, NITs, Institutes of repute and Industries.

TARGET PARTICIPANTS

The Programme is open for Students, Research Scholars, and Faculty from all the colleges, Universities and Industry Personnel.

REGISTRATION DETAILS:

There is no registration fee for the faculties, students and Research Scholars from Affiliated college of BPUT but Rs1000 for others. No TA & DA will be provided to the participants. Submit the soft copy of the registration form through
E-mail-abitelectrical@rediffmail.com

CONTACT PERSON:

Convenor

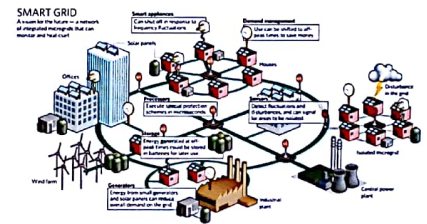
Er. Durgamadhab Swain, Tel - +91 9861283383
Er. Prasantini Samal. Tel - +91 8249898118

Organizing Secretary

Er. A K Mohapatra. Tel - +91 9437666075

ACCOMMODATION:

Free accommodation can be arranged in the hostel outside the campus. Also accommodation can be arranged in Hotels/Guest house as per availability if informed in advance with payment.



VENUE:

Ajay Binay Institute of Technology
Sector-I, CDA, Cuttack-753014