Registration Form

TEQIP-3 Sponsored Faculty Development Program

(23.09.2019 to 27.9.2019)

1. Name (Block Letters):
2. Designation & Dept.:
3. Organization:
4. Address for Communication
   Pin code:
   Ph. No.:
   E-Mail:
5. Highest Academic Qualification:
6. Years of Experience:
7. Specialization:
8. Accommodation Required / Not Required

Draft No……..
Bank……

Date: Signature of the Applicant

Important Dates:

- The last date for receipt of duly forwarded application: 15th Sept. 2019.

FACILITIES:

Participants will be provided lodging and boarding at a nominal price. Lunch also arranged by the organizer.

CONTENT

- Introduction to smart grid and clean energy
- Smart Grid monitoring and control
- Security issues in Smart Grid
- Grid integration issues of renewable energy sources.
- Communication aspects in smart grid and clean energy
- Computational intelligent techniques in smart grid.
- Power line carrier communication and its uses in smart grid and clean energy.

For further Details Contact:-

Convenor

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GYANAM ANANTAM
GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR

TEQIP-3

Sponsored

Faculty Development Programme

on

SOFT COMPUTING APPLICATION OF SMART GRID AND CLEAN ENERGY

23 Sept. - 27 Sept., 2019

Organised by:

Department of Electrical Engineering
Government College of Engineering,Keonjhar

ABOUT

The smart electric power grid is about employing intelligent monitoring, control, communication to facilitate connection and the operation of generators of various sizes, provide consumers with greater choice of supply and information, and reduce the impact of the present system on the environment by introducing more of renewable sources like wind farms and solar panels etc., which are reliable. The distributed integration of intermittent sources of energy and energy storage in a smart grid further adds complexity and challenges to its modeling, control and optimization.

The optimization and control systems for a smart grid environment requires innovative information and computational capabilities to handle the uncertainties and variability. Intelligent technologies needed for decision-making, control and optimization to provide a platform for researches, power system engineers and practitioners, developers to share knowledge, experiences and new ideas.

THE INSTITUTION

Government college of Engineering proudly presents itself as one of the premier institution in Odisha. In the foot hills of judia ghat, the view is panoramic with pleasant weather all around the year. Keonjhar is naturally blessed with scenic mountains, beautiful streams and also well connected by road rail. Established in 1955, the institution currently offers B.tech courses in Electrical, Mechanical, Computer science, Mining, Mineral, Metallurgical and material, Civil Engineering. The institute provides large variety of learning environment and learning spaces.

DEPARTMENT

The Department of Electrical Engineering started in the year 1997. The Department has well qualified faculty members and staffs. The curriculum is bridged through various academic activities keeping in view of the industry needs. The vision and all round development of students is aimed through vocational training programs, industrial visit, seminars, project works, inter institute student technical meet and various curricular activities.

Resource Persons:

The faculties from reputed institutes like IISc, IITs, NITs and from well-known organization will deliver lecture in this program.

Registration Details:

Registration fees of Rs-250/- in the shape of DD drawn in favor of INNOVATORY ELECTRICAL SOCIETY, payable at Keonjhar (IFSC Code CBIN0283151) is to be sent along with filled in registration form forwarded by the connected authority to the Co-coordinator(s) on or before 15.09.2019 towards confirmation for participation in the program. The above amount will be refunded after joining and compliting the program . Seats will be filled in first cum first serve basis. Total 30 seats available.

Venue: Government College of Engineering, Keonjhar is situated in the foot hills of judia ghat. The institute is located at a distance of 200kms from Bhubaneswar and well connected by rail and road. The nearest bus stop is Collector Chowk, keonjhar and nearest Railway station is Kendujhargarh. Taxis and auto rickshaws are available at those points. The climate of Keonjhar is pleasant always.