

## Resource Persons



**Dr. C.K.Chanda**  
Professor, IEST Shibpur



**Dr. Anup Kumar Panda**  
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**Dr. Parimal Acharjee**  
Professor, NIT Durgapur



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Founder PRDC, Bangalore



**Dr. Bidyadhar Subudhi**  
Professor, IIT Goa



**Dr. Debapriya Das**  
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**Dr. Debasis Jena**  
Assoc. Professor, NIT Surathkal



**Dr. Soumya Ranjan Mohanty**  
Assoc. Professor, IIT BHU



**Dr. Sukumar Mishra**  
Professor, IIT Delhi

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BPUT, Odisha

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**GOVERNMENT COLLEGE OF ENGINEERING  
KALAHANDI BHAWANIPATNA**  
Presents

### TEQIP-III

Sponsored  
One Week Online Faculty Development Programme

### ON

**RECENT ADVANCES IN RENEWABLE  
ENERGY INTEGRATION  
TO  
MODERN POWER SYSTEM  
(RAREIMPS-2020)**  
(30/09/2020 to 04/10/2020)



**Organized by**  
**Department of Electrical Engineering,**  
**GCE Kalahandi, Bhawanipatna**  
*in association with*  
**Government College of Engineering**  
**Jalgaon Maharashtra**

### ABOUT THE COLLEGE

Government College of Engineering Kalahandi, Bhawanipatna was established in the year 2009 by an act of Govt. of Odisha and is functioning as a constituent college of BPUT, Odisha. The institute is located at the district head-quarter of Kalahandi, Bhawanipatna. Presently, the Institute is offering four UG Engineering courses in Electrical Engineering, Mechanical Engineering, Civil Engineering and Computer Science and Engineering; two post graduate Engineering courses in Power System Engineering and Thermal Engineering.

### ABOUT THE DEPARTMENT

The Department of Electrical Engineering offers one UG program (B.Tech) in Electrical Engineering from 2009 and one PG program (M.Tech) in Power System Engineering from 2015. The department is enriched with highly knowledgeable and experienced faculties. The laboratories in the department are well equipped with all required equipments and advanced software. The UG program of the department is accredited by NBA from 2019.

### ABOUT THE FDP

Growing concern over the adverse impacts of fossil fuel based power generating systems, rapid development in the field of renewable energy technologies and aggressive policy making on the integration of renewable and sustainable energy to meet the sky rocketing energy demand had created the opportunities for insertion of renewable energy generators to the modern power system. Photovoltaic arrays, wind farms, micro gas turbines, CHP, biomass based generators technologies have been economical and matured enough to replace large centrally dispatched fossil fuel based power plants. However, the increased dependence of renewable power generating systems on climatic conditions and there direct integration in distribution systems have created new challenges for the power system engineers.

In this regard, this FDP is planned to throw light on the key issues in modeling and integration of the renewable energy systems to the present power system. This FDP will highlight on the different aspects of renewable energy integration to the power system such as modeling and forecasting of PV and wind power generation, Power system deregulation and Smart grid, Optimal allocation of distributed energy resources, power electronic interfaces for integration of renewable energy generators.

### REGISTRATION



Scan to fill up the registration form  
or

[https://docs.google.com/forms/  
d/1X4Hce\\_BNMf679LMQ7CtkHpWBOP2Z  
VDfTv0IOED2Mv6s](https://docs.google.com/forms/d/1X4Hce_BNMf679LMQ7CtkHpWBOP2Z_VDfTv0IOED2Mv6s)

### Registration is Free

FDP will be conducted over Google Meet Platform. E-Certificates will be provided to each registered participant after attending all the sessions of the FDP and filling up of the **FEEDBACK FORM**.

### IMPORTANT DATES

Last date for registration: **29/09/2020, 12.00 AM**

Intimation of Final list to  
Registered Participants : **29/09/2020, 8.00 PM**

**FDP: 30/09/2020 to 04/10/2020**

### CONTACT PERSONS

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