

TECHNICAL EDUCATION QUALITY  
IMPROVEMENT PROGRAM- PHASE III (TEQIP-III)

**JSS MAHAVIDYAPEETHA**  
**JSS ACADEMY OF**  
**TECHNICAL EDUCATION, NOIDA**  
**Electrical Engineering Department**

**Registration Form**  
**FACULTY DEVELOPMENT PROGRAMME**  
**On**  
**“Sustainable & Reliable Solutions to Power**  
**Quality Problems in Smart Power System**  
**Network”**  
**8<sup>th</sup> -13<sup>th</sup> October 2018**

Name \_\_\_\_\_

Institute/Organization \_\_\_\_\_

\_\_\_\_\_ Mobile: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Area of Specialization \_\_\_\_\_

Academic Qualification \_\_\_\_\_

Address \_\_\_\_\_

Signature of Applicant \_\_\_\_\_

**NO REGISTRATION FEE**

Signature and seal of Forwarding Authority  
(HOD/Registrar/Director)

**ORGANIZING COMMITTEE**

**CHIEF PATRON**

His Holiness Jagadguru Sri Shivarathri Deshikendra  
Maha Swamiji, President, JSS Mahavidyapeetha, Mysuru

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Dr. C. Ranganathaiah, Director (A&A), Technical Edu. Div.  
JSSMVP, Mysuru  
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Mysuru

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Prof. Vineet Kansal, Coordinator, TEQIP-III, AKTU, Lucknow.  
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Prof. V.K. Singh, BOS Convener, AKTU, Lucknow  
Prof. J.P. Pandey, Director, KNIT, Sultanpur.  
Dr. Pawan Tiwari, Asso. Dean, FET.

**PROGRAMME CHAIR**

Prof. G .M. Patil, Principal, JSSATE, Noida.

**PROGRAMME COORDINATOR**

Dr. Md. Abul Kalam, Head of Department  
Electrical Engineering Department, JSSATE, Noida.

**DEPARTMENTAL ORGANIZING  
COMMITTEE**

Dr. Sanjiba Kr. Bisoyi, Associate Professor, JSSATEN  
Dr. Parveen P. Terang, Associate Professor, JSSATEN  
Dr. Anuradha Tomar, Associate Professor, JSSATEN  
Mrs. Gunjan Varshney, Assistant Professor, JSSATEN  
Mr. Nirmal Kr. Agarwal, Assistant Professor, JSSATEN  
Mr. Amit Kumar Roy, Assistant Professor, JSSATEN  
Mr. Abhishek Kr. Singh, Assistant Professor, JSSATEN

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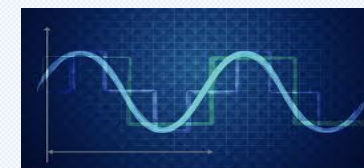


**JSS MAHAVIDYAPEETHA**  
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**NOIDA**



**FACULTY DEVELOPMENT PROGRAMME**  
**On**  
**“Sustainable & Reliable Solutions to Power**  
**Quality Problems in Smart Power System**  
**Network”**  
**8<sup>th</sup> -13<sup>th</sup> October 2018**

**Sponsored by**  
**DR. A.P.J. ABDUL KALAM TECHNICAL**  
**UNIVERSITY, LUCKNOW**



**Organized by**  
**ELECTRICAL ENGINEERING DEPARTMENT**  
**JSS ACADEMY OF TECHNICAL EDUCATION**  
**C-20/1, Sector-62, Noida-201301**  
**Ph: +91-0120-2400115, [www.jssaten.ac.in](http://www.jssaten.ac.in)**



## ABOUT THE INSTITUTION

JSS Academy of Technical Education Noida (JSSATEN) is one of the leading Technical Institution in the National Capital Region in the State of Uttar Pradesh. The Institute was established in the year 1998 by JSS Mahavidyapeetha, Noida, and has set benchmarks every year, and grown into an Institution of Excellence in Technical Education. Located in the central part of NOIDA, JSSATEN has become a household name for its excellence in Discipline, Teaching, Training and Placement. The Institution has MOUs with Colorado Heights University, Denver, USA for student exchange program. IBM Centre of Excellence, Texas Instruments Centre of Excellence, EMERSON Centre of Excellence, Nokia Mobile Innovation Labs, e-Yantra - Embedded & Robotics Lab funded by MHRD under NMEICT, PLMCC, Schneider Electric Substation Automation Labs and Centre for Innovation & Design are additional facilities for the students to innovate new ideas. JSSATEN is proud to mention that it has created necessary manpower and infrastructure to implement **Outcome Based Education** from the year 2014-15. Today, JSSATEN has total student strength of over 4000, who are mentored by more than 250 Faculty Members. The Campus has finest accommodation for girls and boys.

## ABOUT THE DEPARTMENT

The department of Electrical Engineering has been playing a vital role in producing technologists of highest calibre ever since it was established in the year 1999. The department has state-of-the-art laboratories in the area of Electrical Engineering such as Electrical Drives, Electrical Machines, Basic Electrical, Simulation Lab, Control & Automation, Power System & Power Electronics etc. In addition to the strong undergraduate programs, the department has been playing a pioneering role in interacting with the outer world institutions and industries to motivate the students to perform at global level. The department has EMERSON Centre of Excellence and has signed an MOU with Schneider Electric Infrastructure Limited for setting up and maintaining the Power System Automation and Energy Management state of the art laboratory. This helps the students to upgrade their skills as per the requirement of the industry and

thus fulfilling the gaps between academicians and industry. The faculty members of the department consistently carries out research on many cutting edge technologies and regularly publishes their research work in various National/International Journals and Conferences of repute. The Electrical Engineering Department is accredited by NBA.

## ABOUT THE FDP

This ONE week FDP on “**Sustainable & Reliable Solutions to Power Quality Problems in Smart Power System Network**”, offers an expert view on power quality problems and its mitigation in Smart Power System. This Faculty Development Programme will apprise faculty members/research scholars with the most recent technological developments for a Smart Power System network highlighting the power quality problems and solutions. The main aim and motivation for organizing this FDP is to give a platform to the academicians and researchers for exchange of ideas, gain perspective about problems with their sustainable and reliable solutions.

## AREAS COVERED

- Renewable Energy as sustainable solutions in Power Industry.
- Overview of power quality issues and relevant Standards
- Power quality mitigation techniques in distributed generation
- Optimization techniques for power quality analysis
- Application of soft computing techniques
- Role of Internet of things (IOT) in smart network
- Reliable solutions to smart power systems.
- Hands on practice on Typhoon Hil Software for solving Power quality problems.

## RESOURCE PERSONS

Eminent Professors and Senior Faculty members from IITs, IISc, NITs, Central & State Universities, as well as experts

from Industries and Research Centers, will deliver their talks during the various sessions of the programme.

## WHO SHOULD ATTEND

- Faculty members of Engineering Colleges affiliated to AKTU and other Universities.
- Research scholars & PG students pursuing research / project work in this field.

## REGISTRATION DETAILS

Those willing to attend this FDP should send filled registration form to [jsseefdp@gmail.com](mailto:jsseefdp@gmail.com). Registration is free and will be on a first-come-first-served basis. Confirmation of registration will be informed by email. Accommodation and TA / DA will not be provided.

## LAST DATE OF REGISTRATION

2<sup>nd</sup> October 2018

## FOR ANY FURTHER CLARIFICATION MAY CONTACT:

**Dr. Sanjiba Kr. Bisoi,**

Associate Professor, Electrical Engineering Department,  
JSS Academy of Technical Education, Noida  
Ph. 9891021959, 0120-2400104.

**Dr. Anuradha Tomar,**

Associate Professor, Electrical Engineering Department,  
JSS Academy of Technical Education, Noida  
Ph. 9560508119, 0120-2400104.

## VENUE

**AB-III, Room No. 213**

**JSS Academy of Technical Education**

**C-20/1, Sector-62, NOIDA (U.P)-201301**

**Phone: 0120-2400104, 2400115**

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**Website: <http://www.jssaten.ac.in/>**