

Webinar On.....

Power Quality & Harmonics Mitigation and Reactive Power Management

Date: 17 & 18 September, 2020

Objective:

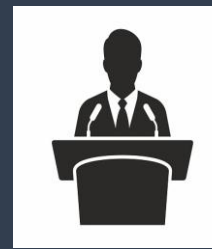
Power Quality has been an area of exponentially increasing interest, particularly in the past decade. The proper diagnosis of PQ problems require expert knowledge in many areas of Electrical power, e.g., electric drives, Automation & SCADA, sensors, rotating machines, transformers, switchgears, power electronics, capacitor switching, protection, power systems faults, harmonics, signal analysis, power supplies, measuring & testing instruments, and general. Power Systems Operation.

Who can participate in the Webinar:

Electrical Engineers, Power Engineers, Research Associates in Power Sector, Engineers Associated in Projects, Operation and Maintenance of Power Plants and Sub-stations, Utility Persons etc.

Focussing on:

Introduction to power quality, power quality-impacts, manifestations, consequences of power quality, power quality measurement, Real Time Power Quality monitoring & Data Analytics, Electrical signature Analysis, harmonics-sources, causes measurements and mitigation, harmonic simulation, Harmonic filters-active, passive & Hybrid filters, Static VAR generators, criteria of selection of filters, Statcoms, custom power devices, Static Var Compensators, reactive power control equipment, performance of reactive power equipment under different operating conditions, comparative study of AVR's, OLTC's, power capacitors, shunt reactors, SVC's, TCR's, statcoms etc, in reactive power management, automatic power factor controller, Energy storage systems and case studies.



Key Speaker:

Shri. Anil Kumar P is a B.Tech Graduate in Electrical Engineering from NIT Calicut in 1980. In his professional career he worked in Department of Atomic Energy, Tata Electric, ABB, Voltas, Rockwell Automation in various middle and senior level positions. Since 1991, Worked as an entrepreneur in the field of Power Quality in India and abroad covering various fields such as:

Harmonic Analysis and simulation studies, Power quality measurements and analysis, Real time power quality monitoring and data analytics, supply and commissioning of Passive, Active, Hybrid harmonic filters, Reactive Power compensation systems, FACTS devices such as SVC and Statcom, Energy storage systems etc. he has conducted more than 1000 + power quality studies and provided solutions to major customers in industrial, commercial and Infrastructural Sectors in INDIA, ASEAN Countries, South Korea, Taiwan, Middle East & South America. Presently he is working for Jef Techno solution as a Power Quality- consultant for establishing a power quality division to address the major opportunities in Power Quality in India and abroad.



Organised by



**NATIONAL POWER TRAINING INSTITUTE
Power Systems Training Institute
(An ISO 9001:2015 & ISO 14001:2015 Organization)
Ministry of Power, Govt. of India
Bangalore- 560 070**

Course Coordinator:

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Training Section: Mrs. K.S. Madhavi, P.S-II, 9902958767

Five Decades of Service to the Power Sector

REGISTRATION FORM

F07 (SYS-P-15)

Mode of Training: Online**Fill it in BLOCK LETTERS**

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3.	Name of the Participant:	
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COURSE FEE DETAILS

Course fee: Rs. 4,000/- (including GST @ 18%)/ per participant per webinar

Sl.No.	Details/Data	
1.	Name	Power Systems Training Institute
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	a. Name of the Bank	State Bank of India
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