



IEEE

IEEE Women in Engineering  
*WIE*



# WORKSHOP ON

## Design of an Electrical System of a Complex of Multi Storey Buildings

29  
JULY  
2017

The content of the  
Workshop is the design of:

EHV Substation,

11kV Infrastructure,

HV Substations,

Substation Earthing and

Protection System.

MARIAN ENGINEERING COLLEGE, TRIVANDRUM



### Students

IEEE member- Rs 200/-  
Non-IEEE member – Rs 300/-

### Registration

### Faculty/ Practicing engineers

IEEE member-  
Rs 300/-  
Non-IEEE member –  
Rs 400/-

# IEEE PES

The IEEE Power & Energy Society is a worldwide, non-profit association of more than a 35,000 individuals engaged in the electric power industry. Our mission is to be the leading provider of scientific information on electric power and energy for the betterment of society and the preferred professional development source for our members.

IEEE PES Kerala Chapter, currently the largest and vibrant among the 320 odd PES Chapters in the world, is organising a series of Workshops in the Planning and Design of Electrical Systems as part of its continuing education and training programme for the benefit of EEE students, faculty members and practicing engineers, with high preference to the members of PES Kerala Chapter. The topics of the Workshops are so meticulously planned as to provide the participants additional knowledge base not covered in the regular syllabus of the degree course.

In the wake of development of many smart cities, the design of various infrastructures of these projects poses a challenge to the design consultants. In this background, in order to equip the students and practicing engineers to meet the challenge, IEEE PES Kerala Chapter is organising a series of Workshops. The first of this series is the Design of an Electrical System of a Smart City like Complex of Multi Storey Buildings. The course is designed to provide hands on tips to the participants infusing confidence on them to start the design work. The course will be handled by experts with rich local and international experience. It's an opportunity never to be missed.

Registration link: <https://in.explara.com/e/one-day-workshop-on-electricalsystem-design>



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# Course Schedule

9.30 am to 10.00 am	Registration	1.00 pm to 1.30 pm	Lunch
10.00 am to 10.15 am	Inauguration	1.30 pm to 3.00 pm	Design of Protection System
10.15 am to 11.00 am	Design of EHV Substation	3.00 pm to 3.15 pm	Tea Break
11.00 am to 11.15 am	Tea Break	3.15 pm to 4.45 pm	Design of Earthing System
11.15 am to 1.00 pm	Design of EHV Substation(contd)	4.45 pm to 5.00 pm	Valedictory Session





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## COURSE FACULTY

### A.G HAREENDRALAL

Post Graduate in Power System Engineering, with varied experience of 46 years in utilities and consultancies in India and abroad; currently imparting hand-on training to Electrical Engineers in the Design of Electrical systems; specialised in Load Forecasting and Power System Planning and Design of Electrical System of Consumer side and Supply side.

### C. JAGANANTHAN

Post Graduate in Power System Engineering, Former Deputy Chief Engineer, KSEB and Former Manager, Planning & Designs Department, Sharjah Electricity and Water Authority; specialised in the Design and Maintenance of Protection System, Communication System; Grid Operation and Control, Studies, Planning and Design of EHV System.

### BIPIN SANKAR PERYAMANA

Planning Engineer, Sharjah Electricity and Water Authority; Deputy Chief Engineer, KSEB; specialised in Power System Planning, Substation Design, Earthing Design, Utility Finance Planning, Tariff Design, Regulatory Matters of Power Utility and Electricity Law.

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