

## Resource Persons

**Day 1: 11/01/2021**

**Dr. T. Ananthpadmanabha**

Former Principal  
NIE Institute of Technology, Mysuru.



**Day 2: 12/01/2021**

**Dr. Likith Kumar M. V.**

Dept. of Electrical & Electronics  
Engineering  
The National Institute of Engineering,  
Mysuru.



**Day 3: 13/01/2021**

**Dr. Sandeep Kumar K. J.**

Dept. of Electrical & Electronics  
Engineering  
NIE Institute of Technology, Mysuru.



**Day 4: 14/01/2021**

**Dr. M.S. Nagaraj**

Professor & Head  
Dept. of Electrical & Electronics  
Engineering, BIET, Davanagere.



**Day 5: 15/01/2021**

**Mr. Sathish K. R.**

Dept. of Electrical & Electronics  
Engineering  
ATME College of Engineering,  
Mysuru.



## Chief Patrons

**Dr. Shamanuru Shivashankarappa**

Secretary, BEA, MLA South Constituency, Davanagere

**Sri. S. S. Mallikarjuna**

Joint Secretary, BEA, Davanagere

## Patrons

**Sri. Athani S. Veeranna**, Member, BEA

**Sri. Rajanahalli Ramanand**, Member, BEA

**Dr. Prabha Mallikarjuna**, Member, BEA

**Sri. A. S. Niranjan**, Member, BEA

**Dr. H. B. Aravinda**, Principal, BIET, Davanagere

**Prof. Y. Vrushabhendrappa**, Director, BIET, Davanagere

## Chairman

**Dr. M. S. Nagaraj**

Prof. & Head, Dept. of Electrical & Electronics Engineering, BIET

## Conveners

Mr. Basavarajappa S. R., Assistant Professor

Mr. T. S. Karibasavaraju, Assistant Professor

Mr. C. Shadaksharaiah, Assistant Professor

## Organizing Coordinators

Dr. Anjaney L. H., Associate Professor

Mr. C. Karibasappa, Assistant Professor

Mrs. Vijayalakshmi S. Hallikeri, Assistant Professor

Mr. G. M. Shivakumara Swamy, Assistant Professor

## Organizing Committee

Mrs. Shilpa S. K., Assistant Professor

Mrs. Sowmya Anand, Assistant Professor

Miss. Vidya G. H., Assistant Professor

Mr. Prashanth Kumar H. K., Assistant Professor

Mr. Niranjana S. H., Assistant Professor

Mr. Keerthi Kumar S. H., Assistant Professor

Mr. Kiran H. T., Assistant Professor

Miss. Devika H., Assistant Professor

Mr. Sandeep Y. M., Assistant Professor

Mrs. Ashwini A. R., Assistant Professor

Bapuji Educational Association (R.)



**Bapuji Institute of Engineering & Technology**

(Affiliated to Visvesvaraya Technological University, Belagavi)

**Accredited by NAAC with 'A' grade**

Recognized by UGC under 2(f) and 12(B) <https://www.bietdvg.edu>

Shamanur Road, Davanagere-577004, Karnataka

**National Level Five Days Faculty Development Program**

on

***“Operational Planning in Electric  
Distribution Systems”***

**11/01/2021 to 15/01/2021**



**Organized by**

**Department of Electrical & Electronics  
Engineering**

**in association with**

**The Institution of Engineers (India)  
Davanagere Local Centre**

## About the Institution

Bapuji Institute of Engineering and Technology (BIET) is one among the top ten self-financing Engineering Institutions in the state of Karnataka, providing high quality education to bring out skilled engineers and technocrats. The greenery campus spread over an area of 63 acres provides the state-of- art-infrastructure and facilities. The institute provides an ideal ambience for teaching-learning process, co-curricular and extra-curricular activities to achieve excellence in technical education, research and promotion of entrepreneurship. The institute has consistently produced skilled and outstanding engineers who have excelled in their career and occupied responsible positions in some of the best known enterprises in India and across the globe. The institute has got recognition by UGC under section 2f of UGC act.

## Vision of the Institute

To be a center of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.

## Mission of the Institute

BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

## About the Department

Department of Electrical & Electronics engineering was established in the year 1979 with an intake of 40 students. During 2009-10, the intake has been enhanced to 60 due to increased demand for the course. The Department was accredited by National Board of Accreditation, AICTE, New Delhi for three times. The department is also

recognized by The Institution of Engineers (India), Kolkata. Department is recognized as research center since 2009 from VTU, Belagavi and it offers quality research leading to M.Sc (Engg.) and Ph.D. Research scholars are working in the area of power systems and artificial intelligence.

## Vision of the Department

To train globally competent quality students in Electrical Engineering through excellent academic inputs, innovative ideas and team work.

## Mission of the Department

- To enhance the quality of life of students through continuous learning and state-of-the-art technical education.
- To meet the long term needs of the industry & society.
- To inculcate leadership qualities & ethical values.
- To serve the community for the socio economic developments.

## About the FDP

Electric energy plays vital role in the development of country. The optimum utilization of this form of energy can be ensured by an effective power distribution system. The effectiveness with which the distribution system fulfils this function is measured in terms of voltage regulation, service continuity, flexibility, efficiency and cost. The planning of power distribution system is crucial in the smoother operation of electric power systems. The objective of distribution system planning is to assure that the growing demand for electricity, in terms of increasing growth rates and high load densities, can be satisfied in an optimum way by additional distribution systems, which are both technically adequate and reasonably economical. The operational planning of power distribution system require continuous and comprehensive analysis in order to evaluate the system performance and to determine the effectiveness

of system reliability, security and quality and ensuring the maximum utilization of capital investment. In recent years, intelligent system applications have received increasing attentions in various areas of power systems. The conventional operational planning of distribution system is based on strict mathematical model. This limitation can be overcome by using AI techniques. Application of new intelligent technologies such as neural networks, fuzzy system, genetic algorithms etc., have been investigated in different areas of distribution systems for reliable and quality power supply at low cost.

## Objectives of FDP

- To promote R & D activities in the areas of Distribution System using AI techniques.
- To provide a platform to exchange views & ideas in carrying out research in the area of Distribution system.

## Registration:

**Target Audience:** Faculty Members and Research Scholars from the Engineering Colleges recognized by AICTE/UGC

Last Date for Registration: **09/01/2021**

## Link for Registration:

<https://forms.gle/QwGsSHyvj1SUGwKM6>

Platform: **Google Meet** 

Meeting link will be shared through E-mail/WhatsApp for registered participants.

**E-Certificates** will be provided for all the registered participants who attend all the sessions of FDP.

## Address for Communication:

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