



National Education Society®
J N N College of Engineering, Shimoga
Department of Electrical & Electronics Engineering
In association with
Institution of Electronics and Telecommunication Engineers (IETE),
Shivamogga center

Invitation

You are cordially invited for the
Inauguration

of

One Week Online FDP on

“Recent Trends and Emerging Technologies
in Distributed Generation Systems”
24th to 28th August 2020

Chief Guest : Dr. Dattatreya N Gaonkar
Associate Prof, Dept. of EEE,
NITK, Suratkal.

Guest of Honour : Sri. S.N. Nagaraja
Secretary, NES. Shimoga

Presided by : Dr. H. R. Mahadevaswamy
Principal, JNNCE, Shimoga

Presence : Dr. P. Manjunatha
Professor & Dean Academic

Dr. A. H. Thejaswi
HoD, Dept. of EEE, JNNCE
Convener of FDP

Date: 24-08-2020,

TIME: 10:00AM

****Welcome you all****

Co-Conveners

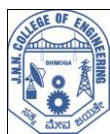
Dr. H.B. Suresh
Dr. S. Surendra

Coordinators

Mr. N G. Ajanna
Mr. K.B. Veerasha
Mr. Vidyashankar M

HOD and Staff

Dept of EEE.
JNNCE



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Inauguration of One Week Online FDP on

**“Recent Trends and Emerging Technologies in
Distributed Generation Systems”**

24th to 28th August 2020

Agenda

	MOC:	Mr. Vidyashankar M Asst. Prof., E & E Dept.
• Welcome Address		Dr. A. H. Thejaswi HoD, E & E Dept.
• Invocation		KTS
• About the workshop		Mr. N G Ajjanna Asst Profs, E & E Dept.
• Introduction of Chief Guest		Mr. Veerasha K B Asst. Prof., E & E Dept.
• Address by Chief Guest		Dr. Dattatreya N Gaonkar Associate Prof, Dept. of EEE, NITK, Suratkal.
• Address by Guest of Honor		Sri. S. N. Nagaraja Secretary, NES, Shivamogga
• Presidential Address		Dr. H. R. Mahadevaswamy Principal, JNNCE, Shimoga
• Vote of Thanks		Dr. H B Suresh Prof., E & E Dept.

Date & Time: 24.08.2020 at 10 am

CHIEF PATRONS

Sri. A S Vishwanatha

President, National Education Society, Shivamogga.

Sri. T R Ashwath Narayana Setty

Vice-President, National Education Society, Shivamogga.

Sri. S N Nagaraja

Secretary, National Education Society, Shivamogga.

Sri. Amarendra Kireeti

Joint Secretary, National Education Society, Shivamogga.

Sri. C R Nagaraj

Treasurer, National Education Society, Shivamogga.

PATRONS

Dr. H R Mahadevaswamy

Principal,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

CONVENER

Dr. A H Thejaswi

Professor and Head,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

CO- CONVENERS

Dr. H B Suresh

Professor,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

Dr. S Surendra

Professor,
Department of E&E Engineering,
J.N.N College of Engineering,
Navule, Shivamogga - 577 204

* Link for joining the FDP program will be sent to the registered participants via Mail.

** e-certificate will be provided for all the participants.

HOW TO REGISTER

<https://forms.gle/3Fji7rjHekUm8wXP7>

click or scan to connect



LAST DATE FOR REGISTRATION

22th August 2020

BANK DETAILS

- Account Name - Principal, JNNCE, Shimoga
- Account Number - 6322201000004
- Bank - Canara Bank
- IFSC code - CNRB0006322
- Branch - JNNCE Campus Branch, Shimoga

NOTE

- Participants has to pay a registration fee of 100/- Rs.
- Proof of copy has to be uploaded in the same form (above).

FOR FURTHER DETAILS CONTACT

ORGANIZING COORDINATORS

Mr. N G Ajjanna

Assistant professor,
Department of E&E Engineering
J.N.N College of Engineering,
Navule, Shivamogga - 577 204
☎ +91 96867 99389
✉ nga_ee@jnnce.ac.in

Mr. K B Veerasha

Assistant professor,
Department of E&E Engineering
J.N.N College of Engineering,
Navule, Shivamogga - 577 204
☎ +91 86182 77297
✉ veereshakb@jnnce.ac.in

Mr. Vidyashankar M

Assistant professor,
Department of E&E Engineering
J.N.N College of Engineering,
Navule, Shivamogga - 577 204
☎ +91 95388 39971
✉ vsm_ee@jnnce.ac.in

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J.N.N COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC- 'B',

NBA Accredited Branches :- UG - CV, ECE, CSE, ME, ISE, EEE & TCE

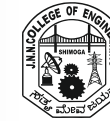
Recognized by Govt., of Karnataka, Affiliated to VTU, Belagavi.)

📍 Savalanga road, Navule, Shivamogga - 577204 (Karnataka)

☎ 08182 - 276707/08/09 , 2688800/1 || Fax - 08182 - 222450

✉ principal@jnnce.ac.in

@ www.jnnce.ac.in



Internal Quality Assurance Cell (IQAC)

Department of E&E Engineering

in association with,

The Institute of Electronics & Telecommunication Engineers

Organizing, one week online

FACULTY DEVELOPMENT PROGRAM

RECENT TRENDS & EMERGING TECHNOLOGIES IN DISTRIBUTED GENERATION SYSTEMS

10:30 AM
TO
12:30 PM

24th August 2020
to
28th August 2020

Compressed air

Electrification of transport



equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 34th among top Engineering colleges in India and 7th in Karnataka as per outlook survey 2019. The college is providing its fruitful services in the 39th year. The college organizes international and national workshop, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

About E&E ENGINEERING DEPARTMENT

- The department of Electrical & Electronics Engineering was established in the year 1980 with sanctioned intake of 25 affiliated to University of Mysore till 1990.
- The intake was enhanced to 40 during 1994 and 60 during 1997 during which the program was affiliated to Kuvempu University. Presently the program is affiliated to VTU from 1998 onwards.
- Graduates of this program have acquired M.Tech/MS/PhD programs in country & abroad.
- Alumni's are in Academic, Industries and government bodies like KPTCL/KPC etc. Department provides consultancy services to local organizations and industries and undertakes Electrical maintenance work of JNNCE campus and hostels. In 2014, the department started M.Tech in Power Electronics course with sanctioned intake of 18 under VTU.

About the FDP PROGRAMME

Focus of the PROGRAMME

- Distributed generation (DG) is an approach that employs small-scale technologies to produce electricity close to the end users of power.
- DG technologies often consist of modular generators and they offer a number of potential benefits. In many cases, distributed generators can provide lower-cost electricity and higher power reliability and security with few environmental consequences than can traditional power generators.
- Grid synchronization is one of the key issues for distributed power generation system. In recent years, an increasing number of new energy generation systems are connected to the grid. This greatly affects stability of the grid, which brings difficulty for inverters to be connected to the grid. So accurate detection of voltage, frequency, positive and negative

sequence components under complex and unbalanced grid faults becomes one of the key issues of control of grid-connected inverters.

- FDP is as planned to impart research skills to the researchers and teachers to improve the quality of research in the area of distributed Generation.
- This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding the recent advances in distributed generation systems. The eminent personalities from industry and institutes are invited to give presentation.

Scope of the PROGRAMME

- Participants will be able to work in the field of "RECENT TRENDS & EMERGING TECHNOLOGIES IN DISTRIBUTED GENERATION SYSTEMS" and it's applications.

RESOURCE PERSONS



Dr. Dattatreya N Gaonkar
Associate Professor,
Department of E &E, NITK-Suratkal



Dr. Suresh H Jangamashetty
Dean R&D, Professor and Head,
Department Of EEE, BEC - Bagalkot



Dr. L K Sreepathi
Former Vice principal & Energy consultant,
JNNCE, Shivamogga.



Dr. Shankar C B
Professor,
Department of E&E Engineering, AIT - Bangalore



Dr. Chidanandappa R
Associate professor,
Department of E&E, NIE - Mysore.

WHO CAN REGISTER ?

- Faculties of Engineering (EEE, ME & ECE)
- Scientists of R&D institutes .
- Researcher Scholars.

designed by: Nitin A V, Student, Dept. of Civil Engrg. JNNCE

About NES

- Established in 1946 by freedom fighters and philanthropist of high repute, with a mission "to provide quality education at a reasonable cost" giving emphasis on rural and women education.
- Has set up 35 + educational institutions in the Malnad region of Karnataka state, in a wide range of disciplines such as Engineering, Science, Pharmacy, Commerce, Humanities, Education, Law, Business Administration, Physical education, Computer application and Applied Sciences.
- The management in comprising of highly respected persons from different professions and social service committed to carry forward the enlightening the vision and the illustrious legacy of its founders.

About JNNCE

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological university (VTU), Belgaum and recognized by AICTE, New Delhi. Institution is NAAC accredited and UGC 2f and 12B certified. It offers 7 UG (**all the branches are NBA Accredited upto 30-06-2022**) and 7 M.Tech program besides MBA and MCA. It has 7 research Centers recognized by VTU. Spread over 52 acres, the campus has all the amenities to cater to the needs of about 3500 students and 400 faculty and staff. All the departments have good infrastructure facilities with highly qualified and experienced faculty, staff and well