

Dr. Chintalapudi V Suresh,

Professor in the Electrical Engineering Department,
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Academic details:

- Completed Ph.D. (Electrical Power Systems) from JNTU Kakinada, Andhra Pradesh.
- Completed M.E. from University College of Engineering Kakinada, JNTU Kakinada.
- Completed B.Tech (Electrical and Electronics Engineering) from Pragati Engineering College, Kakinada.

Experience details:

- Working as Professor in the Electrical Engineering Department at Central University of Karnataka, Kalaburagi from February, 2026 onwards.
- Worked as an Assistant Professor, Associate Professor and Professor (Ratified) at Vasireddy Venkatadri International Technological University, Guntur from August, 2015 to January, 2026.
- Worked as an Assistant Professor at VRS&YRN College of Engineering and Technology from Jan, 2011 to July, 2012.

Research & Expertise

- Research interests include Power Systems Analysis, Optimization Techniques, Renewable Energy Integration, FACTS Devices, Hybrid Electric Vehicles, and AC-DC Load Flow Studies.
- Major research contributions involve heuristic and bio-inspired optimization algorithms for power system applications.

Research Output & Innovation

1. Published research papers in SCIE, ESCI, and Scopus indexed journals from reputed publishers such as Elsevier, Springer, and Taylor & Francis.
2. Authored and co-authored book chapters related to power systems, optimization techniques, and control strategies. Presented multiple papers at IEEE international conferences.
3. Holds granted patents in power plant emissions and converter systems, with additional patent under examination.
4. Served as Principal Investigator for a SERB-DST sponsored research project (~31 Lakhs).
5. Guided two Doctoral students and one student is pursuing.

Academic & Administrative Contributions

1. Actively involved in academic administration and departmental responsibilities.
2. Served as Department NBA Coordinator and R&D Coordinator. Contributed to NAAC, NIRF, and Board of Studies activities.
3. Organized workshops, Faculty Development Programs, and conferences.

Teaching, Professional Activities & Recognition

1. Teaching areas include Power Systems Analysis, Operation and Control, Reactive Power Compensation, FACTS Controllers, Electrical Distribution systems.
2. Delivered invited lectures and served as Resource Person for workshops and technical programs.
3. Participated in Faculty Development Programs, workshops, and certification courses including NPTEL and MATLAB training.
4. Member of professional bodies such as IEEE, ISTE, and IEI.
5. Recipient of several awards including Best Researcher, Best Teacher, and Best Paper Awards.