

Name : Dr. B. Neelakanteshwar Rao
Designation : Associate Professor
Department : EEE
Mail I'd : ursneelu@gmail.com



Experience (in years): 11 years 6 months Teaching: 5 years 6 months Research: 6 years

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B. Tech	2001	EEE
2.	M. Tech	2004	Electrical Power Systems
3.	Ph.D	2016	Electrical Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: Electrical Circuits, Power System Analysis, Switchgear and Protection
- 2.2. Novel Teaching & Learning Techniques adopted: Power Point, Technical Videos
- 2.3. Involvement in curriculum updating / Design: Not Applicable

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Playing Chess
- 3.2. CCA/ECA Organized: Nil
- 3.3. CCA/ECA participated: Nil
- 3.4. Counseling and Mentoring Activity: Yes
- 3.5. Committees involved in:
 - Department level: Research Activities (NAAC and other)
 - Institute Level: Nil

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted: Nil
- 4.2 Attended: Nil

5. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: Nil
- 5.2. Articles/Chapters published in Books: Nil
- 5.3. Books published as single author or as editor: Nil
- 5.4. Projects Guided: Nil
 - a) UG: Nil
 - b) PG: Nil
- 5.5. Research Interests: Protection, Reliability Engineering, Distribution System Planning
- 5.6. Ph.D students :

- a) Enrolled: Nil
b) Submitted: Nil
c) Awarded: Nil

5.7. Papers published in reviewed journals:

S. No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	DG planning with amalgamation of economic and reliability considerations	<i>International Journal of Electrical Power and Energy Systems</i> , Vol. 73, Dec 2015, pp. 273-282	ISSN: 0142-0615	2.718	International
2	Effect of Capacitors on Frequency of OLTC Tap Changes in the Presence of Wind Generation	<i>International Journal of Emerging Electric Power Systems</i> , Vol. 16, Issue 4, Aug 2015, pp. 385-395	ISSN: 2194-5756	1.94	International
3	DG Planning with Amalgamation of Operational and Reliability Considerations	<i>International Journal of Emerging Electric Power Systems</i> , Vol. 17, Issue 2, Apr 2016, pp. 131-141	ISSN: 2194-5756	1.94	International
4	A new method for network reconfiguration of radial distribution systems for loss minimization	Water and Energy International	ISSN: 0974-4207	1.52	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Analysis of OLTC Behaviour in a Wind Power Integrated Distribution System	<i>IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC)</i>	International	07 th -10 th December 2014
2	Optimal Placement of Distributed Generator	<i>Eighteenth National Power Systems</i>	National	18 th – 20 th December

	using Monte Carlo Simulation	<i>Conference (NPSC), Guwahati</i>		2014
3	Optimal Location and Quantum of DG in a Multi-Feed system with Varying LMPs	<i>12th IEEE India International Conference (INDICON)</i>	International	17 th – 20 th December 2015
4	Distribution System Reconfiguration in a Deregulated Environment	<i>IEEE 6th International Conference on Power Systems (ICPS)</i>	International	04 th – 06 th March 2016

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	Nil				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	Nil				

6. Awards / honors received: POSOCO Power System Award-2017 for the research work done in Ph.D

7. Motto: To be a good teacher and researcher.