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EDUCATIONAL PROFILE:

- Ph.D. (Power Systems) from BMSCE Bengaluru.
- M.E (Power & Energy Systems) from UVCE Bengaluru.
- B.E (Electrical & Electronics) from P.E.S.College of Engineering, Mandya.

PROFESSIONAL EXPERIENCE:

Total of 10 years of experience out of which 3 years as research Research Scholar. Currently working as Asst. Professor in BMSCE, Bengaluru.

AREA OF INTEREST:

- Distributed Generation, Renewable Energy, AI techniques to Power Systems, Power System Operation and Control.

PUBLICATIONS:

➤ **International Journals:**

1. **Prakash D.B,** C Lakshminarayana, “Multiple DG placements in radial distribution system for Multi Objectives using Whale Optimization Algorithm”, Alexandria Engineering Journal, 57(4), pp: 2797-2806, 2018. (**ELSEVIER-Indexed in Web of Science with Impact factor of 2.460**).
2. **Prakash D.B,** C Lakshminaryana, “Optimal siting of capacitors in radial distribution network using Whale Optimization Algorithm”, Alexandria Engineering Journal, volume 56, issue 4, pp: 499-509, Dec 2017. (**ELSEVIER-Indexed in Web of Science with Impact factor of 2.460**).

3. **Prakash D.B**, C Lakshminarayana, “*MPSO based DG and capacitor placement for loss reduction*”, Journal of Electrical Engineering (JEE), volume 17, issue 2, pp: 289-294, 2017. (**SCOPUS Indexing**)
4. **Prakash D.B**, C Lakshminarayana, “*Multiple DG Placements in Distribution System for Power Loss Reduction Using PSO Algorithm*”, Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Tech, Procedia Technology, Volume 25, pp-785-92, 2016. (**ELSEVIER- Indexed in Web of Science**)
5. **Prakash D B**, Manjunatha Babu P, Shanmukha Sundar, Shubha Kulkarni, Ramamani Deekshit, “*Effect of UPFC on System Performance under Normal and Fault Condition*”, International Journal of Electrical and Electronics Engineering (IJEEE), Vol-2, Iss-1, 2012, pp-60-63.
6. Manjunath Babu P, Shanmukha Sundar, **Prakash D B**, “*Effect of Static VAR Compensator on Voltage Stability under Network Contingencies*”, International Journal of Electrical and Electronics Engineering (IJEEE), Vol-2, Iss-1, 2012, pp-50-54.

➤ **National and International conference:**

1. **Prakash D B**, Manjunatha Babau P, “*Implementation of STATCOM in Simulink to Mitigate Voltage Sag*”, proceedings of National Conference on Recent Investigation in Electrical Engineering using Experimental and Computational Techniques at BNMIT, Bangalore held on 14th Oct 2011. (**National conference**)

TRAINING, WORKSHOPS & FDP'S

ORGANISED:

1. TEQIP III Sponsored Four Days Workshop On “Drone Technology” from 19th July 2019 to 24th July 2019, held at BMSCE, Bengaluru.
2. TEQIP-III Sponsored one week Workshop on “Remote measuring, monitoring and Control of Electrical Systems” from 17th to 21st June 2019 held at BMSCE, Bengaluru.

ATTENEDED:

1. 5 days Online FDP on "Application of Artificial Intelligence in Modern Power System", conducted by Department of Electrical and Electronics Engineering of St. Joseph's College of Engineering from the dates 20.07.2020 to 24.07.2020.
2. Two Day National Level Virtual Faculty Development Programme on “Industrial Power System Protection and Control”, held on 15th and 16th June 2020, conducted

by the Department of Electrical and Electronics Engineering, SSN College of Engineering, Kalavakkam – 603 110.

3. ISTE Sponsored one week FDP on “Outcome Based Education and Accreditation”, from 27th Jan 2020 to 31st Jan 2020, held at BMSCE, Bengaluru.
4. TEQIP III sponsored One week workshop on “Resilient Operation of Electronically Coupled systems in Electrical Power Grid”, from July 08-12, 2019 held at NIE, Mysuru.
5. TEQIP III sponsored One week workshop on “Smart Grid and Internet of Things”, from June 18-22, 2018 held at NIE, Mysuru.
6. TEQIP III sponsored one week STTP on “cares solar photovoltaic practitioner training program” from March 12th to 16th 2018 at BMSCE.
7. TWO Week ISTE-STTP on “Electric Power System”, organised by IITK, from 12th June to 15th July 2017.
8. TEQIP III sponsored one week FDP on “Wide Area Measurement and Its Applications- Paradigm shift from x-ray to MRI”, held during Jan 19-23, 2016, at NIE, Mysuru. (FDP)
9. TEQIP II sponsored workshop on “Micro grids- Classification, Implementation and Recent Trends”, held during Dec 7-10, 2015, at BMSCE, Bengaluru. (Workshop)
10. TEQIP sponsored Symposium on “Advances in Power Distribution Engineering: Distributed Generation, Micro-Grid and Renewable Integration”, held during Aug 28-29, 2015, at NIE, Mysuru. (Symposium)
11. “Technical Writing workshop - Phase Shift 2015”, held during Sept 19-20, 2015, at BMSCE, Bengaluru. (Workshop)
12. FDP on “Intellectual property rights: Significance for Academia”, held during Mar 25th, 2015, at BMSCE, Bengaluru. (FDP)
13. “Research Methodology and latex”, held during July 8-10, 2014, at VTU, Belgaum. (Workshop)
14. “Distribution Generation and Power Quality”, held during June 9-13, 2014, at BMSCE, Bengaluru. (Workshop)
15. “Recent Trends in Power System Operation and Control”, held during July 8-12, 2013, at NIE, Mysuru. (Workshop)
16. “Industrial Automation with PLC and SCADA”, held during Feb 7-8, 2013, at DSCE, Bengaluru. (FDP)
17. “Joint Conference on Emerging Intelligent Sustainable Technologies (EISTCON2012)”, held during May 3-4, 2012, at DSCE, Bengaluru. (Paper Presentation Conference)

18. “Recent Investigations in Electrical Engineering using Experimental Computational Techniques”, held on Oct 14, 2011, at BNMIT, Bengaluru. (Conference)
19. “Power Quality and Energy Management”, held during March 25-26, 2009, at UVCE, Bengaluru. (Workshop)
20. “Embedded Solutions Engineering & Lab View”, held during March 9-14, 2009, at UVCE, Bengaluru. (Workshop)
21. “Recent Trends in Power Electronics”, held during Sept 25-26, 2008, at UVCE, Bengaluru. (Workshop)
22. “Advanced Instrumentation in Power Systems”, held during Oct 26-27, 2007, at UVCE, Bengaluru. (Workshop)

DECLARATION:

I hereby declare that the details mentioned above are true to the best of my knowledge.

(Dr. Prakash D B)