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PRAGATI GUPTA

PROFILE

Assistant Professor in Department of Electrical Engineering, VJTI, Mumbai, working on Power system analysis, computation, protection and wide area measurement systems.

ACADEMIC BACKGROUND

- B.E. in Electrical Engineering with Honours from Jorhat Engineering College, Assam in January 1992.
- M.Tech in Electrical Engineering from Veermata Jeejabai Technological Institute (VJTI), Mumbai in 2010.
- PhD in Electrical Engineering from Indian Institute of Technology (IIT) Bombay, 2021.

WORK EXPERIENCE

TEACHING

- V.J.T.I , Matunga, Mumbai as Assistant Professor from January 2011.
- Fr. C. R. I.T (Father Agnels) , Vashi as Lecturer from August 2010 to December 2011.
- Khopoli Polytechnic , Khopoli as Lecturer from July 2005 to July 2010..

INDUSTRY

- Unitech Transformer Pvt. Ltd as Design Engineer from September 2004 to June 2005.
- Tata Power Company, Bhira as Project Site Engineer from April 1995 to June 1996.
- Khatau Junker Ltd. (Electrical Division), Ankleshwar from April 1993 to October 1994

BOOKS WRITTEN

M.V. Hariharan, S.D. Varwandkar and Pragati Gupta, **Modular Load Flow for Restructured Power Systems**, Springer, LNEE, Volume 374, 2016

PUBLICATIONS

PAPERS IN IEEE TRANSACTIONS

1. P. Gupta and S. A. Soman, **Calibrating CVTs of a Substation From Local PMU Data: An SVD Approach**, *IEEE Transactions on Power Systems*, vol. 36, no. 4, pp. 3362-3371, July 2021.

PAPERS IN CONFERENCE PROCEEDINGS

1. Grid Disturbance Analysis with Modular Load Flow” in 6th IEEE International Conference on Power Systems (ICPS) 2016 at IIT Delhi and India Habitat Center, New Delhi, March 4-6, 2016.
2. Khiradkar, Kishore Bhaurao, Vaishali Rampurkar, and Pragati P. Gupta. "Comparison Of Spectral Analysis Methods For Identification Of Power Systems Inter-Area Oscillations.", researchgate.net
3. Bhanu Prakash G, A. R. R. Chandra and P. P. Gupta, "Study of operational modes of a grid connected solar power generation with storage battery," 2016 International Conference on Computation of Power, Energy Information and Communication (ICCPEIC), 2016, pp. 477-481, 20-21 April 2016 doi: 10.1109/ICCPEIC.2016.7557281.
4. Divya M, N. Raut and P. P. Gupta, "Comparative analysis of transmission loss allocation methods with quantum approach of power fractions," 2016 International Conference on Computation of Power, Energy Information and Communication (ICCPEIC), 2016, pp. 687-693, 20-21 April 2016 doi: 10.1109/ICCPEIC.2016.7557310.
5. Sustainable Measures in Urban Planning and Development – A Case Study at Tata Power Residential Colony in Mumbai” at International Conference on Society, Technology and Sustainable Development, 3rd – 5th May 2011 held in Amrita Vishwa Vidyapeetham, Kochi.
6. Improvement in Transient of Power System Oscillations by Input Shaping.” at National Conference on Advanced Power System (“NCAPS-10”) held in Nashik on 26-27 November 2010.
7. Power System Oscillations and Modal Analysis (Eigenvalue – Based Methods) Techniques at National Conference on Advanced Power System (“NCAPS-09”) held in Nashik on 11-12 December 2009.

AWARDS

1. VJTI Gold Medal for securing highest marks in M.Tech, 2010.
2. Silver Jubilee Merit award (1991) for securing highest marks in 4th year B.E examination of Dibrugarh University.
3. Silver Jubilee Merit award (1990) for securing highest marks in 3rd year B.E examination of Dibrugarh University.