

DR. JITENDRAKUMAR

Permanent Address:

1/50Y, Durgesh Colony,
Tikona Nagla Road, Near Keshav Vatika,
Aligarh - 202001,
Uttar Pradesh.
Email Id:- jitendra.ee@nitjsr.ac.in
Contact No: +917579482895

Objective

- To deliver my duties to the fullest satisfaction of the superiors and subordinates for the betterment of the organization in any circumstance.

Educational Background

COURSE	INSTITUTION	EXAMINATION AUTHORITY	YEAR OF PASSING	MARKS (% / CGPA)
Ph.D	IIT Roorkee, Roorkee	IIT Roorkee	2017	Completed
M. Tech (PS)	NIT Kurukshetra Kurukshetra	NIT Kurukshetra	2011	8.7248
B. Tech (EEE)	IMS Engineering College, Ghaziabad	UPTU	2009	70.66

Work Experience

- ◆ Worked as an Assistant Professor in Electrical & Electronics Engineering Department, BITS Pilani, Goa Campus, Goa. (10, January 2018- 31 May 2018)
- ◆ Worked as a Teaching Associate in Electrical Engineering Department, NIT Uttarakhand (13, January 2017- 17 May 2017)
- ◆ Worked as Guest Faculty in Electrical Engineering Department at MNNIT Allahabad (28, July 2017- 15Dec 2017)
- ◆ Worked as an Assistant Professor at Sharda Group of Institution (19,July2011 - 24,December 2012).

Academic Projects

- ◆ M.Tech Dissertation on "ATC Determination in Deregulated Electricity Market"
- ◆ Phd Thesis titled as "Adaptive Distance Relaying for Power Networks"
- ◆ - 24,December 2012).

Ph. D Supervised

S.N.	Scholar Name	Topic	Reg. Year	Status
1.	L. S. S. Kumar	Protection Aspects on Transmission Network under Stressed System Condition	Autumn 2015-16	Ongoing
2.	Himanshu Shekhar	Innovative Protection Design during Power Swing	Autumn 2018-19	Ongoing
3.	Sanjeev Ranjan	Protection of Hybrid AC/DC Grids	Spring 2018-19	Ongoing
4.	Munna Kumar	MicroGrid Protection	Autumn 2019-20	Ongoing

Paper Published in Journals

1. **Jitendra Kumar**, Premalata Jena, Fault Detection During Asymmetrical Power Swing Using Superimposed Negative Sequence Current, Arabian Journal for Science and Engineering - Springer, vol. 44, no 8, pp. 7033–7046, **2019**.
2. **Jitendra Kumar**, Premalata Jena, Directional Relaying in Presence of STATCOM during Single Pole Tripping, IET Science, Measurement & Technology, vol. 11, no. 5, pp. 673 – 680, 2017.
3. **Jitendra Kumar**, Nikhil Khaddar, Premalata Jena, Protection of Double Circuit Line with TCSC using Principal Component Analysis, Electric Power Components and Systems, vol 45, no 1, pp. 63-74, 2017.
4. **Jitendra Kumar**, Premalata Jena, Solution to Fault Detection during Power Swing using Teager- Kaiser Energy Operator, Arabian Journal for Science and Engineering - Springer, vol. 42, no. 12, pp 5003–5013, 2017.
5. **Jitendra Kumar**, Premalata Jena, Adaptive Distance Relaying for Grid-Connected Line with Consideration of Single-Phase Auto-Reclosing, Arabian Journal for Science and Engineering - Springer, pp 1-13, 2018, DOI: <https://doi.org/10.1007/s13369-018-3129-y> .
6. Ashwani Kumar, **Jitendra Kumar**, ATC determination with FACTS devices using PTDFs approach for multi-transactions in competitive electricity markets, International Journal of Electrical Power Energy System, vol 44, pp 308-317, 2013,
7. Ashwani Kumar and **Jitendra Kumar**, Comparison of UPFC and SEN transformer for ATC enhancement in restructured electricity markets, International Journal of Electrical Power Energy System, vol 41, pp 96-104, 2012
8. Ashwani Kumar and **Jitendra Kumar**, ATC with ZIP load model - A comprehensive evaluation with third generation FACTS in restructured electricity markets, International Journal of Electrical Power Energy System, vol 54, pp 546-558, 2014
9. Ashwani Kumar and **Jitendra Kumar**, ATC enhancement in electricity markets with GUPFC and IPFC-A comparison, International Journal of Electrical Power Energy System, vol 81, pp 469-482, October 2016
10. **Jitendra Kumar** and Ashwani Kumar, ACPTDF for Multi-transaction and ATC Determination in Deregulated Market, International Journal of Electrical and Computer Engineering, vol 1, no 1, pp 71-84, 2011
11. **Jitendrakumar** and Ashwani Kumar, Wen Zhong Gao, Shijie Yan, Jian Hui Wang and ShushangGu, ATC Enhancement with SVC and TCSC using PTDF based approach in Deregulated Electricity Markets, Advanced Materials Research vols. 516-517 , pp. 1337-1341, 2012
12. Ashwani Kumar, **Jitendra Kumar**, Assessment of ATC with Shunt FACTS Devices, International Journal of World Academy of Science, Engineering and Technology, vol. 7, no

Paper Published in Conferences

1. **Jitendra Kumar**, Premalata Jena, Performance of Distance Relay for Shunt Compensated Line, National Conference on Power System Protection, Central Power Research Institute, CPRI Bangalore, 27 -28 Feb, 2015
2. **Jitendra Kumar**, Premalata Jena, Fault Detection during Power Swing using Teager-Kaiser Energy Operator, 6th IEEE International Conference on Power Systems (ICPS), IIT Delhi, 4 -6 March, 2016 (pp 1-6).
3. **Jitendra Kumar**, Premalata Jena, Fault Directional estimation during Power Swing, IEEE Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), Delhi Technological University, 4 -6 July 2016 (pp 1-3)
4. **Jitendra Kumar**, Ashwani Kumar, Multi-transactions ATC determination using PTDF based approach in deregulated markets, 2011 Annual IEEE India Conference, Bits PilaniHydrabad Campus, 16 -18 Dec, 2011
5. **Jitendra Kumar**, Premalata Jena, "Fault detection in a series compensated line during power swing using superimposed apparent power," *2015 IEEE Power & Energy Society General Meeting, Denver, CO*, pp. 1-6 , 26-30 July 2015 (pp 1-6).
6. Muda Harikrishna, **Jitendra Kumar**, and Premalata Jena, "Detection of operational-mode of TCSC using positive sequence technique" Power Systems Conference (NPSC), 2014 Eighteenth National, pp. 1-6, 2014 (IIT Guwahati 18-20 Dec. 2014).
7. **Jitendra Kumar**, Premalata Jena, "Detection of Fault During Power Swing Using Superimposed Negative Sequence Apparent Power Based Scheme," *2017 CERA*, 5-7 October 2017.

Extra-curricular Activities

- ◆ One of the organizer in national level techno-cultural fest, SURGE-2010, held in NIT Kurukshetra.
- ◆ Organizing member of Technical session for CERA conference—2013 held in Electrical Department, IIT Roorkee.

Academic Achievements

- ◆ Qualified GATE-2009, GATE-2010, GATE-2011 & GATE-2012 organized by IITs.

Software Packages Known

- ◆ MATLAB
- ◆ PSCAD
- ◆ RTDS

Others

- ◆ MS Word, MS Power Point, Presentation ,MS Excel
- ◆ Latex, Visio

Strengths

- ◆ Hardworking
- ◆ Good Co-ordination With Team Members
- ◆ Dedicated and Honest

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Jitendra Kumar

Date: (signature)