LIST OF PUBLICATIONS

Journals:

1. Sunil Kumar Singh, D. N. Vishwakarma and R. K. Saket, "*An Intelligent Scheme for Categorizing Fault Events in Compensated Power Network Using K-nearest Neighbor Technique*", **International Journal of Power and Energy conversion, Inder Science Publishers**, (**Scopus**), (Accepted for publication-In production), 2019.

2. Sunil Kumar Singh, D. N. Vishwakarma and R. K. Saket, " *Intelligent Computing Based Scheme for Evolving Fault Events Location in Series Compensated Power Networks*", **Journal of Electrical Systems (WoS; Scopus & ESCI)**, Volume: 15, Issue: 02, pp. 303-313, 2019.

3. Sunil Kumar Singh, D. N. Vishwakarma and R. K. Saket, "*An Intelligent Scheme for Categorization and Tracing of Shunt Abnormalities in Compensated Power Transmission Network*", **Journal of Electrical Systems (WoS; Scopus & ESCI)**, Volume: 15, Issue. 01, pp: 68-80, 2019.

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5. Sunil Singh, D. N. Vishwakarma, Amit Kumar and Shashank, "A novel methodology for fault detection, classification and location in transmission

system based on DWT & ANFIS", **Journal of Information & Optimization Sciences**, Taylor & Francis,Vol. 38, No. 6, pp. 791–801, 2017.

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1. Sunil Singh and D.N.Vishwakarma, "*An Approach for Discriminating Abnormalities In Compensated Power Transmission Circuit*", IEEE International Conference on Innovative Smart Grid Technologies (IEEE ISGT Asia 2018), Suntec City, Singapore.

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5. Sunil Singh and D.N.Vishwakarma," *Impact of Series FACTS Controllers on Distance Protection-A Review*", IEEE International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE-2015)

Amity University, 2015, Pages: 129 - 134, Electronic ISBN: 978-1-4799-7247-0, DOI: 10.1109/RDCAPE.2015.7281382

6. Sunil Singh and D.N.Vishwakarma," *Intelligent Techniques for Fault Diagnosis in Transmission lines -An Overview*", IEEE International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE-2015) Amity University, 2015, pp. 280 - 285, Electronic ISBN: 978-1-4799-7247-0, DOI: 10.1109/RDCAPE.2015.7281410

Book Chapter

1. Sunil Singh and D.N.Vishwakarma, "Online Differential Protection Methodology Based on DWT for Power Transmission System", Machine Intelligence and Signal Analysis, **Advances in Intelligent Systems and Computing** Vol-748, Springer, pp. 695-706, 2019 Chapter DOI.:10.1007/978-981-13-0923-6_59.

Paper Communicated

1. Sunil Kumar Singh, D. N. Vishwakarma and R. K. Saket, "An Ensemble and Deep Learning based Scheme for Fault Events Identification in Fixed Capacitor Compensated Transmission Network", International Transactions on Electrical Energy Systems, 2019.