**AY -2020-21**

**Journal Publications by Mr V R Naphade**

* Vittesh Naphade, Vilas Ghate, Gajanan Dhole, "Experimental analysis of saturated core fault current limiter performance at different fault inception angles with varying DC bias", *International Journal of Electrical Power & Energy Systems*, Volume 130, 2021, 106943, ISSN 0142-0615, DOI: 10.1016/j.ijepes.2021.106943.
  + **(SCIE Indexed/IF-4.63, SCImago Journal Rank: Q1)**
* Vittesh Naphade, Vilas Ghate, Gajanan Dhole, "Single core configurations of saturated core fault current limiter performance of laboratory test models", *International Journal of Electrical and Computer Engineering (IJECE)*, Vol. 11, No. 6, December 2021, pp. 4667-4677, ISSN: 2088-8708, DOI: 10.11591/ijece.v11i6.pp4667-4677.
  + **(SCOPUS Indexed, SCImago Journal Rank: Q2)**
* V R Naphade, Dr. V N Ghate, Dr. G M Dhole, "Saturated Core Fault Current Limiter: A Technology to Handle Short-Circuits in the Modern Power Networks", *Industrial Engineering Journal*, Vol. XIV & Issue No.04, April - 2021, pp. 05-11, ISSN - 0970-2555
  + **(UGC-Care Listed Journal)**
* V. R. Naphade, K. V. Naphade, Dr. V. N. Ghate, "Saturated Core Fault Current Limiter in Electrical Power Industry: A Topological Survey", *Industrial Engineering Journal*, Ref: AR/NO/59/2021, Publication in process.
  + **(UGC-Care Listed Journal)**

**Conference Publications by Mr V R Naphade**

* Vittesh Naphade, Kiran Kolte and Vilas Ghate, "The Saturated Core Fault Current Limiter in Modern Power Systems - A Laboratory Model Test Results", International Conference On Smart Technologies For Energy, Environment & Sustainable Development-2020(4-5 DECEMBER 2020).
  + **(Springer's Conference-Best Paper Award)**
* V. Naphade, V. Ghate, A. Koshti and G. Dhole, "Performance Investigation and Reactance Statistics with Monte Carlo Simulation of Saturated Core Fault Current Limiter," *2020 IEEE First International Conference on Smart Technologies for Power, Energy and Control (STPEC), 2020*, pp. 1-6, DOI: 10.1109/STPEC49749.2020.9297662.
* V. Naphade, V. Ghate and G. Dhole, "Experimental Study of Single Core Configurations of Saturated Iron Core Fault Current Limiter," *2021 IEEE International Conference on Sustainable Energy and Future Electric Transportation (SEFET), 2021*, pp. 1-5, DOI: 10.1109/SeFet48154.2021.9375726.
* V.Naphade, Dr. V. Ghate , K. Naphade, "Fault Current Limiter (FCL) - An Upcoming Component in Electrical Power Sector", *National conference on Industrial Engineering and Technology Management NCIETM-2018)*, NITIE, Mumbai
* Mr M V Reddy published paper on A MODIFIED TORQUE CONTROL TECHNIQUE FOR LOAD SHARING APPLICATION USING V/F CONTROL METHOD ,7th International Conference on Electrical Energy Systems (ICEES - 2021) organized at SSN College of Engineering, Chennai
* Dr R V S Ramkrishna Published paper on Simulation of Maximum Efficiency Point Tracking in Wireless Power Transfer Systems using Pulse Density Modulation, U Mathure, RVS Ramkrishna, 2020 Third International Conference on Multimedia Processing, Communication & Information Technology (MPCIT) 2020
* Dr R V S Ramkrishna Published paper on Experimental Study on Coupling Enhancement of WPT System Using Negative Index Material, PS Chobe, RVSR Krishna, 2020 International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing (ICSIDEMPC)
* Mrs.Shrunkhala.G.Khadilkar published paper on "Reduction of selective harmonics in PWM AC chopper using teaching learning based optimization": Advances in power and control engineering ,Springer, pp. 229-237
* Mrs.Shrunkhala.G.Khadilkar published paper on "Design of UPQC Integrated with renewable energy source for enhancement of transmission system performance ":1st International conference on recent advancement and technological evolution 19-20 March 2020

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* Mr M V Reddy and Dr D M Sonje published paper on Different MPPT Controlling Techniques for Standalone Solar System for Improvement in Power Generation, published in International Journal of Engineering and Advanced Technology (IJEAT).
* Mrs.Shrunkhala.G.Khadilkar published paper on Statistical Analysis for Active Power Loss Incorporating Distributed Generation in Distribution System :3rd International Conference on Electronics, Communication and Aerospace Technology ( ICECA),pp. 1185-1189,2019, During 12-14 June 2019.