

FACULTY PROFILE



Dr.M.Maheswari, M.E.,Ph.D

Assistant Professor (SG)

Department of ECE

Hindustan Institute of Technology and Science

mmaheswari@hindustanuniv.ac.in

Experience: 12years

Research area: Renewable Energy, Grid integration of renewable energy sources, Smart grid and Micro grid.

Recent Publications:

1. M.Maheswari and A.K. Parvathy "Voltage Profile Improvement and Line Loss Reduction in Radial Distribution system with Distributed Generation Integration", International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10(2015)
2. M.Maheswari and A.K. Parvathy "Impact of wind turbine generators on a radial distribution system: A comparative analysis" in Journal of Advanced Research Dynamical and Control Systems. ISSN1943-023X, Vol.11(2017)
3. M.Maheswari and A.K. Parvathy "Modeling, Control and Analysis of Doubly Fed Induction Generator during Steady State and Transient State" in Journal of pure and applied Mathematics. ISSN: 1314-3395, Volume 120 No. 6 (2018),1517-1535
4. Reddy, T.C., Reddy, K.K., Venkatesh, B., Muthusamy, M., Pillai, A.V. " Simulation of super capacitor energy storage system with Bi DC-DC converters" in Journal of Physics: Conference Series, 2019, 1362(1), 012055
5. Muthusamy,M., Parvathy,A.K."Implementation of Modified Field-Oriented Control Scheme for Improving the Fault Ride Through Ability of BDFIG System" in Journal of Circuits, Systems and Computers, 2020, 29(3), 2050040
6. Maheswari Muthusamy and Parvathy A.K. "Artificial Intelligence Techniques based Low Voltage Ride Through enhancement of doubly fed induction wind generator" in Journal of mechanics of continua and mathematical sciences,Vol.15, No.3, March (2020) pp 125-139