

Faculty Profile

Name : Upma Singh
Designation : Assistant Professor
Qualifications : Ph.D Pursuing, M.Tech, B.Tech
Phone : 9555124957
Email : upma@msit.in
Area of Interest/Specialization: Instrumentation and Control,
Renewable Energy
Experience : 7 years



Key Publications

1. Upma Singh, Mohammad Rizwan, Muhannad Alaraj, and Ibrahim Alsaidan. "A Machine Learning-Based Gradient Boosting Regression Approach for Wind Power Production Forecasting: A Step towards Smart Grid Environments." *Energies* 14, no. 16 (2021): 5196.

Papers presented in Conferences

1. Upma Singh and M. Rizwan. "Analysis of Fuzzy Logic, ANN and ANFIS based Models for the Forecasting of Wind Power." In 2018 2nd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), pp. 1-7. IEEE, 2018.
2. Rizwan, M., Sanju Saini, and Upma Singh. "Prediction of wind energy using intelligent approach." In *2012 IEEE 5th India International Conference on Power Electronics (IICPE)*, pp. 1-5. IEEE, 2012.

Awards and Recognitions

- 1.
- 2.

Patent/Copyright

- 1.
- 2.

Sponsored Project/Consultancy

- 1.
- 2.

Book Chapter/Books published

- 1.
- 2.

Ph.D Supervised

Memberships of Professional bodies

Other Contributions