

## Biosketch

Faculty Name: Rafiq Ahmad



### Areas of Interest:

Digital System

### Education

- Ph.D./P, MUTT, Lucknow
- M. Tech, MNIT, Allahabad
- B.Tech, UPTU, Lucknow

### Academic/Industrial Experience

1. Associate Professor, Electrical Engineering, BHETM, 2015-Present
2. Assistant Professor, Electrical Engineering, BHETM, 2010-2015
3. Lecturer, Electronic Instrumentation & Control, AET, Lucknow, 2005-2008

### Selected Publications

1. Khudun Moiz Siddiqui, Farhad Taha Bakshi, **Rafiq Ahmad**, Vikas Srivastava Advanced Signal Processing Based Condition Monitoring of PMSM for Stator-Inter Turn Faults 2021 IEEE 9th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCCSE) 11-13 Nov. 2021 DOI: 10.1109/UPCCSE52273.2021
2. A Survey on Power Quality Issues of Distributed Generation Integrated System. International Conference on Advances in Computational Tech. in Science and Engg. On 19-20 march 2021 Web of Science
3. Presented a research paper titled " **Wavelet & Based Systems**" in Int. Conf. On Computing Applications in Electrical & Electronics Engineering (ICCAREE-2019) held on Aug. 30-31 2019. Paper is proposed to publish in Algorithms for Intelligent Systems (AIS) series of Springer.
4. A research paper titled " **Demagnetization Diagnosis in Multi-Phase PMSM Machine by Advanced MCA Technique**" in Int. Conf. on Computing Applications in Electrical & Electronics Engineering (ICCAREE-2019) held on Aug. 30-31 2019. Paper is proposed to publish in Algorithms for Intelligent Systems (AIS) series of Springer.
5. "A Comprehensive Review on Smart Hybrid Electric Vehicle: Solar and line energy" **IJMETE JOURNAL, Volume X, ISSUE III, SEARCH-2020, ISSN NO: 2249-7455, Certificate ID: IJMETE0277**
6. "IoT Based Advanced Wheelchair System" **IJMETE JOURNAL, Volume X, ISSUE IV, APRIL-2020, ISSN NO: 2249-7455, Certificate ID: IJMETE0301.**
7. Khudun Moiz Siddiqui, Mohammad Khurshid, **Rafiq Ahmad** and Faeiz Rahman, "Performance Assessment of Variable Speed Induction Motor by Advanced Modulation Techniques", International Conference on Renewal power- 2020, Baba Ghulam Shah Badkhal University, Kashmir, published in Scopus Indexed Springer's Lecture Notes on Electrical.