

Biosketch

Faculty Name: Rafik Ahmad



Areas of Interest:

Digital System

Education

- Ph.D.(P), MUIT, Lucknow
- M. Tech, MNNIT, Allahabad
- B.Tech, UPTU, Lucknow

Academic/Industrial Experience

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

Selected Publications

1. Khadim Moin Siddiqui, Farhad Ilahi Bakhsh, **Rafik Ahmad**, Vikas Solanki Advanced Signal Processing Based Condition Monitoring of PMSM for Stator-inter Turn Fault 2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON) 11-13 Nov. 2021 DOI: 10.1109/UPCON52273.2021
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 (**ICCAEEE-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 MCSA Technique**" in Int. Conf. on Computing Applications in Electrical & Electronics Engineering (**ICCAEEE-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 free energy" **IJMTE JOURNAL, Volume X, ISSUE III, MARCH-2020, ISSN NO: 2249-7455. Certificate ID: IJMTE/3277**
6. "IOT Based Advanced Wheelchair System" **IJMTE JOURNAL, Volume X, ISSUE IV, APRIL-2020, ISSN NO: 2249-7455. Certificate ID: IJMTE/3301.**
7. Khadim Moin Siddiqui, Mohammad Khursheed, **Rafik Ahmad** and Fazlur Rahman, "**Performance Assessment of Variable Speed Induction Motor by Advanced Modulation Techniques**", International Conference on renewal power- 2020, Baba Ghulam Shah Badshah University, Kashmir. published in Scopus Indexed Springer's Lecture Notes on Electrical.

Other Details: