



(Dr. Asif Jamil Ansari)

**Associate Professor, Department of Electrical Engineering, Faculty of Engineering,
Integral University, Lucknow**

(Phone no 9839948927, email id: ajansari@iul.ac.in)

Hyperlinks of ([Google Scholar Citation](#), | [Orcid Id](#), [Scopus](#), | [Web Of Science](#), | [Research gate](#), | [linked in](#))

PROFILE

EDUCATIONAL QUALIFICATIONS:

- Ph.D. (Electrical Engg.), 2014, Integral University, Lucknow.
- M. Tech. (Instrumentation & Control), 2007, Aligarh Muslim University.
- B. Sc. (Engg.) (Electrical), 1989, Aligarh Muslim University.
- Dip. (Computer Programming), 2000, Institute of Computer & Mgmt. Studies, Aligarh.
- Dip. (Quality Assurance & ISO 9000), 1996, National Council for Labour Mgmt., Chennai

EXPERIENCE:

- Lecturer to Associate Professor, Electrical Engg. Deptt., Integral University, Lucknow.
05.10.2004 till date
- Lecturer (ad hoc), Electrical Engg. Section, Univ. Polytech., Aligarh Muslim University.
01.01.2002 to 15.05.2003
- Electrical Engineer, Al-Kawther Industries Ltd., Jeddah, K. S. A., May 1997 to April 1999
- Senior Electrical Engineer, Synthetics & Chemicals Ltd., Bareilly, August 1990 to May 1997

RESEARCH INTEREST:

- Artificial Intelligence
- Power Electronics
- Measurement & Instrumentation
- Renewable Energy

SUMMARY OF RESEARCH ACCOMPLISHMENT:

Thesis Guided

- Ph.D.: 3
- Post Graduate: 3
- Under Graduate: 15

PROFESSIONAL MEMBERSHIP:

- IEEE Membership No. 99699172, Valued IEEE Member for 1 Year, Valid through 31 December 2024

COURSE TAUGHT:

Ph.D.:

- Renewable Energy and the Environment

Post Graduate:

- Fuzzy Theory and its applications
- Digital Instrumentation

Under Graduate:

- AI in Renewable energy
- Industrial Automation
- High Voltage Engineering
- Introduction to Soft Computing
- Illumination Engineering
- Application of Power Electronics to Power Systems
- Power Electronics
- Measurement & Instrumentation
- Electrical Machines
- Networks & Systems
- Basic Electrical Engineering

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- PhD Coordinator
- Value Added Course Coordinator
- Departmental Internship Program Coordinator

STUDENTS SUPERVISION

- B Tech Project Coordinator

PUBLISHED/GRANT PATENTS

- 'Erroneous Energy Reading Detector For Smart Energy Meter', Publication No. 202311073506, Published Date 24 November, 2023, Electrical engineering Department, Integral University

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- Uvais M., Ansari A.J., Asim M., Manzar M.S., (2024), Optimized parameter extraction techniques for enhanced performance evaluation of organic solar cells, *International Journal of Electrical and Computer Engineering (IJECE)*, Vol. 14, No. 2, pp. 1263-1273, ISSN: 2088-8708, DOI: <http://doi.org/10.11591/ijece.v14i2.pp1263-1273>

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Khan, S., Ansari, A.J. and Kazmi, S.A., (2023), CuO-TiO₂ nanocomposite anode for Efficiency Enhancement of Dye Sensitized solar cells, *International Conference on Recent Advances in Electrical, Electronics & Digital Healthcare Technologies (REEDCON)*, IEEE, DOI: <https://doi.org/10.1109/REEDCON57544.2023.10150650>

- Uvais M., Ansari A.J., Asim M., (2023), Parameter Extraction of Organic Solar Cell: A Review, *International Conference on Power, Instrumentation, Energy and Control, PIECON 2023*, IEEE, DOI: <https://doi.org/10.1109/PIECON56912.2023.10085878>
- Khan, S., Ansari, A.J. and Kazmi, S.A., (2022), Efficiency Enhancement of DSSC with ZnO/rGO nanocomposite, *IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2022*, IEEE, DOI: <https://doi.org/10.1109/SCEECS54111.2022.9740963>
- Uvais M., Ansari A.J., Asim M., (2022), Modeling and Analysis of Organic Solar Cells Using Multiple Diodes, *2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET 2022*, IEEE, DOI: <https://doi.org/10.1109/ICEFEET51821.2022.9848028>
- Khan, S., Ansari, A.J. and Kazmi, S.A., (2022), Nickel oxide, Graphene and Titanium dioxide nanocomposite anode for enhanced efficiency in Dye Sensitized Solar Cells, *International Power and Renewable Energy Conference, IPRECON*, IEEE, DOI: <https://doi.org/10.1109/IPRECON55716.2022.10059551>
- Khan, S., Ansari, A.J. and Kazmi, S.A., (2022), ZnO-rGO-Ag Photoanode for Dye-sensitized Solar cells, *2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET*, IEEE, DOI: <https://doi.org/10.1109/ICEFEET51821.2022.9848280>
- Ahamad, I.; Ansari, A.J., (2021), Nine-Step Multilevel Inverter Output Analysis Using the EP Approach, *International Conference on Renewal Power (ICRP 2020)*, Springer, DOI: https://doi.org/10.1007/978-981-33-4080-0_38
- Ahamad, I.; Ansari, A.J., (2021), THD Analysis of 5-Level, 7-Level and 9-Level CHB—Multilevel Inverters Using SPWM Switching Approach, *International Conference on Renewal Power (ICRP 2020)*, Springer, DOI: https://doi.org/10.1007/978-981-33-4080-0_69

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- Khan, S., Ansari, A.J. and Kazmi, S.A., (2022), Efficiency Enhancement of DSSC using Graphene, Silver, TiO₂ as Anode material, *NeuroQuantology*, 20 (10), 11377
- Kazmi, S.A., Khan, S., Ansari, A.J., (2020), Synthesis and characterization of ZnO nanoflowers for Dye-sensitized Solar cells, *Studies in Indian Place Names*, 40 (10), 466-471
- Khan, S., Ansari, A.J. and Kazmi, S.A., (2019), Green Synthesis of Silver NANO Particles for Enhanced Performance of DSSCs, *International Journal of Research and Analytical Reviews*, 6 (2), 997-1002
- Shukla P. and Ansari, A.J., (2018), Community Grid- Issues, Challenges, Opportunities: A Review, *International Journal of Research and Analytical Reviews (IJRAR)*, 5 (3), 102-104
- Gautam A., Ansari, A.J. and Khan A.A., (2016), PSO Optimized Improved Fuzzy Logic based MPPT Algorithm for Fast and Stable Control Quality Incorporated Photo Voltaic System Array, *International Journal of Research and Development in Applied Science and Engineering (IJRDASE)*, 10(1)
- Gautam A., and Khan A.A., (2015), Review of Fuzzy Logic Applications in Performance Enhancement of Solar Based Power System, *International Journal of Research and Development in Applied Science and Engineering (IJRDASE)*, 8(2)
- Siddiqui Z. Ansari, A.J. and Minai A.F., (2015), Smart control of Air conditioning system for thermal comfort, *International Journal of Application or Innovation in Engineering (IJAIEM)*, 4(3), 286-291
- Ansari, A.J. and Ashraf I., (2012), Best energy option selection using fuzzy multi-criteria decision making approach, *International Journal of Advanced Renewable Energy Research (IJARER)*, 1(12)
- Ansari A. J. and Ashraf I., (2012), Correlation study of Computing Methods for selection of Distributed Generation Option for India, *National Conference on Emerging Trends in Mechanical and Electrical Engineering (NCETMEE-12)*, Integral University, Lucknow, India

- Ansari A. J., Ashraf I. and Gopal B., (2011), Integrated fuzzy VIKOR and AHP methodology for selection of distributed electricity generation through renewable energy in India, *International Journal of Engineering Research and Applications (IJERA)*, 1 (3), 1110-1113
- Ansari A. J. and Ashraf I., (2011), A Neuro-fuzzy Multi-criteria methodology for selection of Distributed Electricity Generation through Renewable Energy in India, *GCREEDER*, Amman, Jordan

BOOK EDITED/ AUTHORED

Nil

BOOK CHAPTERS

- Ahamad, I. and Ansari, A.J., (2021), Nine-Step Multilevel Inverter Output Analysis Using the EP Approach, *Lecture Notes in Electrical Engineering (LNEE, volume 723)*, Springer, DOI: https://doi.org/10.1007/978-981-33-4080-0_38
 - Ahamad, I. and Ansari, A.J., (2021), THD Analysis of 5-Level, 7-Level and 9-Level CHB—Multilevel Inverters Using SPWM Switching Approach, *Lecture Notes in Electrical Engineering (LNEE, volume 723)*, Springer, DOI: https://doi.org/10.1007/978-981-33-4080-0_69
-