Mohammad Zeeshan

Assistant Professor

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Ghaffar Manzil, New Delhi, India

27 November, 1988

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Assistant Professor Electronics, Seeking a job in Education Sector.

WORK EXPERIENCE (7 YEARS)

Assistant Professor

N.I.E.T-Noida Institute of Engg. and Tech. (Electrical and Electronics Deptt.)

Feb 2018 – Present *Greater Noida*

NAAC-A Grade Institute, NBA Certified

Achievements/Tasks

- Achieved Course Completion with Maximum Results in Principles of Communication,Wireless Communication and Embedded Systems.
- Responsibilities-Lectures,Class Conduction,University Exam Coordination,Evaluation,Invigilation,Faculty Development Programs,Admission Cell

Guest Lecturer

Jamia Millia Islamia

01/2015 – 12/2017 *New Delhi*

NAAC A++ Central Govt.University in NCR

Achievements/Tasks

- Achieved Course Completion on Electromagnetic Theory through State of the Art Teaching techniques with impressive student performance.
- Efficiently completed course on Control System,Network Analysis and basic Electrical Engineering

RESEARCH

12 Research publications

- 3 SCI Indexed Peer Reviewed Journal publications

- 3 Peer-reviewed International Journals

- 2 Book Chapters

-5 International Conferences

- 1 Patent (Published)

EDUCATION

PHD in Electrical Engineering(Awarded 27 Oct 2021)

Jamia Millia Islamia(Central Govt.)-New Delhi

04/2016 – 20 Sept 2021 **Topic :Intelligent Control of Microgrid**

Master of Technology in Control and Instrumentation(Hons.)

Jamia Millia Islamia(Central Govt.)-New Delhi

04/2012 – 04/2014 *GPA-9.1-First Class Hons.*

Bachelor of Technology,Electronics and Instrumentation

MJP Rohilkhand University(State Govt.)

04/2007 – 04/2011 *First Class with No Backlogs*

COURSES

Solar Training (05/2016 – 02/2016)

GSES (Global Sustainable Energy Solutions, India)

- Grid connected PV systems design and installation.

Industrial Automation Training

SOFCON INDIA Pvt. Ltd. Noida

- Programmable Logic Controllers (ABB, Siemens, PLC), Supervisory Control & Data Acquisition (InTouch), Win CC Motion Control (Drives & Motors), Panel Designing & Auto CAD

NPTEL Course -Silver Grade (01/2019 – 04/2019)

Indian Institute of Technology

- Control Systems

GIAN Course (05/2016)

Conference/Issuer of the certificate

- Controls on Renewable Energy and Microgrids under Prof. Adel Nasiri, University of Wisconsin-Milwaukee

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

List of Publications

JOURNALS

1. Majid Jamil, Mohammad Zeeshan "A comparative analysis of ANN and Chaotic approach-based Wind speed prediction in India," Neural Computing and Applications. Springer, vol. 29, no. 12, pp. 1–13, 2018 https://doi.org/10.1007/s00521-018-3513-2 **(SCI Indexed IF- 5.3 SCOPUS)**

2. Mohammad Zeeshan, Majid Jamil, "Adaptive Moth flame optimization based load shifting technique for demand side management in smart grid", IETE Journal of Research ,Taylor & Francis, pp 1-12, 202. https://doi.org/10.1080/03772063.2021.1886607 **(SCI Indexed IF- 2.2, SCOPUS)**

3. Mohammad Zeeshan, Majid Jamil, "A comparative analysis of game theory techniques for study of energy interactions in interconnected microgrids" International Journal of Environment and Sustainable Development, Inderscience, vol 21, no. 1-2, pg 21-42, 2022 **(ESCI Indexed, SCOPUS IF-1.0)**

4. Mohammad Zeeshan, Majid Jamil "Active Filter based Harmonic Mitigation Technique for Islanded Microgrids", Alternative Energy and Distributed Generation, Journal of the Association of Energy Engineers (AEEE, Atlanta, USA), Vol. 2, No. 2—2020

5. Majid Jamil, Mohammad Zeeshan, "Planning and Integration of Zero Energy Buildings with Consumption analysis for Metro cities in India," International Journal of Computational Physics, NSSEL Publishing, vol. 1, no. 1, pp. 309–318, 2018 https://doi.org/10.29167/A1I1P309-318

6. Mohammad Zeeshan , Optimisation of energy storage for an electricity system in the Indian scenario. International Journal of Renewable Energy Technology, 8(3–4), 254–267, 2017. http://doi.org/10.1504/IJRET.2017.088967

7. Majid Jamil , Mohammad Zeeshan, "Ancillary support using neural based preventive algorithm for wind generation prediction", Applied Artificial Intelligence (UNDER REVIEW)

BOOK CHAPTERS/INTERNATIONAL/NATIONAL CONFERENCES

1. Mohammad Zeeshan, Majid Jamil, "A Study Of Energy Management Techniques For Smart City Applications On Educational Campus", Springer Singapore, . Lecture Notes in Electrical Engineering, Springer, Singapore, vol 637, pp 655-665,2020. (SCOPUS Indexed Book Chapter)

   -Proceedings of International Conference on Communication, Computing and Electronics Systems (ICCCES 2019), PPG Institute of Technology, Coimbatore India

2. Mohammad Zeeshan, Majid Jamil , "Planning and Integration of Zero Energy Buildings with Consumption analysis for Metro cities in India," International Journal of Computational Physics

   -Proceedings of CMST 2018, Wolfson College, University of Cambridge U.K.

3. Mohammad Zeeshan, Smart Control Based Energy Management Setup for Space Heating. Smart Innovation, Systems and Technologies, Springer, Singapore, vol 79, pp 279-286, 2018 (SCOPUS Indexed Book Chapter)

   - Proceedings of First International Conference on Smart System, Innovations and Computing (SSIC-2017), Manipal University, Jaipur

4. Majid Jamil, Mohammad Zeeshan "Classification of Load Sequences in Smart Monitored Homes", 2017,

   -Proceedings of International Conference on Emerging Trends in Engineering Innovations and Technology Management (EITM-2017) NIT Hamirpur, India. December 16-18, 2017

5. Majid Jamil, Mohammad Zeeshan "Neural model based solar irradiance prediction,"

   -Proceedings of ELECTROCON 2018 National Conference, IILM, Gr. Noida

6. Zeeshan, Mohammad & Khan, Kashif & Sharma, Bharat. (2016). Signal conditioning of thermocouple using intelligent technique. Materials Today. doi: 10.1016/j.matpr.2017.06.432.

7. Ahsan, Shahzad & Khan, Kashif & Rana, Ankur & Zeeshan, Mohammad. (2016). Design and Cost Analysis of 1 kW Photovoltaic System Based on Actual Performance in Indian Scenario. Perspectives in Science. doi: 10.1016/j.pisc.2016.06.044.