

Curriculum Vitae

Dr. Arshi Salamat
Associate Professor

Electrical Engineering Section
University Polytechnic
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CAREER OBJECTIVES

Teaching and Research & Development work in the emerging areas of instrumentation and sensor fabrication.

EMPLOYMENT

- **Associate Professor**, (2015- till date) University Polytechnic, Jamia Millia Islamia, New Delhi
- **Assistant Professor (Selection Grade)**, (2012 – 2015) University Polytechnic, Jamia Millia Islamia, New Delhi
- **Assistant Professor (Senior Scale)**, (July 2007 to July 2012) University Polytechnic, Jamia Millia Islamia, New Delhi
- **Lecturer**, (July 2002 to July 2007) University Polytechnic, Jamia Millia Islamia, New Delhi
- **Lecturer**, (2001-2002) Shivdan Singh Institute of Engg. and Technology, Iglas, Mathura, U.P.
- **Lecturer**, (2000-2001) Babu Banarsidas Institute of Engg. and Technology, Jahangirabad, Bulandshahr, U.P.
- **Junior Engineer**, (1990-1992) Byte Computer Consultants, New Delhi

ACADEMIC QUALIFICATIONS

- Ph. D, Department of Electrical Engg., Jamia Millia Islamia, New Delhi
- M. Tech. (Instrumentation and Control), AMU, Aligarh
- B.E. (Electrical Engg.), AMU, Aligarh,
- Diploma in Electronics Engg., AMU, Aligarh,
- Attended Entrepreneurship Awareness Camp at College level.

ADMINISTRATIVE EXPERIENCE

- Currently, Placement Coordinator (Electrical section), University Polytechnic, JMI
- Coordinator, Diploma Engg., Evening (Self Finance), University Polytechnic
- Warden at girls' hostel, JMI and organised many events
- Incharge, Girls' common Room, University Polytechnic
- Assistant Superintendent, B. Tech Entrance Exam, JMI
- Observer, Entrance Exams, JMI
- Member organizing committee in International Conference, JMI
- Program chair at International Conference , JMI
- Reviewer in conferences
- Organized a lecture on "Education Abroad , Opportunities and Advantages" , University Polytechnic
- Coordinated the event of National Space Day Celebration organised by Govt. of India, in Polytechnic.

RECENT PUBLICATIONS

- G. Aswani, A. Salamat, “Comparative study of different shapes of parallel plate capacitor for moisture measurement in food grains”.under publication, 2024
- A. Salamat, T. Islam, S. Sohail, “A fringing field impedance sensor to measure the quality of toned milk”. IEEE Xplore, 2023
- A. Salamat, T. Islam, “Impact of Humidity Sensing Technology on Clean Energy Generation: An overview” : Chapter of book entitled, Energy Harvesting: Enabling IoT Transformations , CRC press, Taylor and Francis, 2022
- T. Islam, A. Salamat, S. K. Singh, M. Rehman, “A direct AC cross conductance sensor for measurement of milk adulteration”, IEEE Transaction on Instrument and Measurement, 2022. [2]
- T. Islam, A. Salamat, S. K. Singh, M. Rehman, “A cross conductive sensor to measure bottled water quality”, IEEE Instrumentation and measurement society, 2021
- A. Salamat, T. Islam, S. Sohail, “A simple fringing field capacitive sensor for milk adulteration detection”, Study in Indian Name and Place, UGC CARE, 2020
- A. Salamat, T. Islam “Fabrication of anodized porous Alumina relative humidity sensor with improved sensitivity” Instrumentation Science and Technology, 2019
- U. Salmaz, A. Salamat, T. Islam “Fractional order sensor for measuring the quality of milk”, Materials today proceedings, 2019

CONFERENCE PRESENTATIONS

- International conference (ICN), IIT, Roorkee , 2017
- International conference (ICAM), JMI, 2019
- Multidisciplinary International conference, JTACON, JMI, 2020
- IEEE International Instrumentation and Measurement Technology Conference (I2MTC) , Glasgow, Scotland, U.K, 2021
- IEEE, International Conference, PIECON , AMU Aligarh, 2023

- Received best paper award in International Conference, JMI

INVITED LECTURES

- Video lecture on e-commerce (SWAYAM, MOOCs) at MCRC, JMI

ORIENTATION PROGRAM

- 77th Four week Orientation programme , UGC ASC JMI, 2006
- UGC sponsored three weeks summer special programme, HRDC, JMI, 2013

STAFF DEVELOPMENT PROGRAM

- Two weeks AICTE sponsored Staff Development Programme on Recent Advances in Electrical Power and Energy System, 2011, JMI, New Delhi
- One week Faculty Development Programme on Research Methodology, 2020.

REFERESHER COURSES

- Two weeks AICTE-ISTE sponsored short term training programme on modern trends in power electronics and industrial drives at MREC, Jaipur 2001
- Two weeks AICTE-ISTE training programme on Computer learning in engineering and Technology, 2005 University polytechnic, JMI, New Delhi
- One week short term training program on Environmental management. AICTE-ISTE sponsored 2008, University polytechnic, JMI, New Delhi
- One week short term course on Web hacking and security, MHRD, NITTTR Chandigarh, 2012
- One week Refresher course on Gender sensitization 2018, HRDC, JMI, New Delhi

WOKSHOPS & COURSES

- Workshop on Intellectual Property Rights at JMI, 2022
- One week Workshop on Technological Advancements in digital healthcare, STUTI, GOI, 2023.
- Advances in Power electronics and renewable energy sources, GIAN course, 2017.
- New methods for the production and chemical manipulation of 2D nano materials and carbon nanotubes, GIAN course, 2017.
- One day Author Workshop on “How to write and publish scholarly articles”, 2017, organised by JMI and springer nature, New Delhi
- One day training and trainers workshop on “Developing and delivering of MOOC’s on SWAYAM Platform”, 2017, organised by AJKMCRC, JMI, New Delhi

MEMBERSHIP

- Life member ISTE

INCHARGE

- Girl’s Common Room
- Electrical Measurement and Instrumentation lab

COURSES TAUGHT

- Electrical Technology
- Electrical Measurements
- Special Purpose Machines
- Electrical instrumentation

PERSONAL DETAILS

- Father’s Name – Late Salamat Ullah

- Husband's Name – Mr. Mohd Siraj Khan
- Place of Birth –Shahjahanpur
- Marital Status- Married
- Religion - Islam
- Nationality – Indian
- State of Domicile – U.P.
- Languages Known - English, Hindi, Urdu, Arabic