

MOHAMMAD AHMAD

Mohalla Choudhriyan
Near Kotwali
Siyana
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CAREER OBJECTIVE: To secure a challenging position where I can effectively contribute my skills.

EDUCATIONAL QUALIFICATIONS:

- Pursuing **Ph. D** from Jamia Millia Islamia New Delhi – Registered in 2016.
- **M. Tech** (Power System & Drives) from AMU Aligarh in 2012 with **80.3 %**.
- **B. Tech** (Electrical Engineering) from AMU Aligarh in 2010 with **8.986 CPI**.
- Intermediate (PCM) from UP Board in 2005 with **73.4 %**.
- High School from UP Board in 2003 with **67.5 %**.

TEACHING EXPERIENCE:

- Joined **Rajkiya Engineering College Bijnor** as **Assistant Professor** in Electrical Engineering Department on 08/12/2017.
- Worked as **Assistant Professor** in **Noida Institute of Engineering & Technology (NIET), Greater Noida (UP)** from 02/01/2013 to 07/12/2017.
- **Qualified GATE 2010 & GATE 2016 (Gate score 504).**

RESEARCH PUBLICATIONS:

- **Mohammad Ahmad** and B. H. Khan, “Design and Evaluation of Solar Inverter for Different Power Factor Loads”, Energy and Power Engineering Journal September 2012, Scientific Research USA, Vol. 4, No. 5, pp. 324-329.
- **Mohammad Ahmad**, Anil Kumar Jha, Sitaram Jana and Kishore Kumar, “ Simulation and Performance analysis of a grid connected Multilevel Inverter considering either battery or solar PV as DC Source”, IEEE Conference on “CICT 2017”, ABES Ghaziabad, 9-10 Feb, 2017.
- **Mohammad Ahmad** and B. H. Khan, “New Approaches for Harmonics Reduction in Solar Inverters”, IEEE Conference on “Student’s Conference on Engineering and Systems (SCES 2012)”, Motilal Nehru National Institute of Technology (MNIT) Allahabad, March 2012.
- **Mohammad Ahmad** and B. H. Khan, “Comparison and Simulation of Two New Schemes in Solar Inverters for Harmonic Reduction”, 2012 IEEE Fifth power India conference, DBCRUST, Murthal, Delhi-NCR, 19-22 Dec, 2012.
- **Mohammad Ahmad** and B. H. Khan, “Simulation and Analysis of a New Grid Connected Solar Inverter”, Scholars Journal of Engineering and Technology (SJET), Sch. J. Eng. Tech., 2014; 2(3A):320-325.
- **Mohammad Ahmad**, B. H. Khan and Anil Kumar Jha, “Comparative Analysis of Two Inverter Topologies Considering Either Battery or Solar PV as DC Input Sources”, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 11, Issue 5 Version-II 2016, PP 121-134.

- Abu Tariq, **Mohammad Ahmad**, Mohammed Aslam Husain and Mohd. Tariq, “Simulation and Study of a grid connected Multilevel Converter (MLC) with varying DC input”, IEEE Conference on Environment and Electrical Energy International Conference EEEIC 2011, Italy, Rome May 2011.
- **Mohammad Ahmad** and Mohammed Aslam Husain, “Simulation and Analysis of a Multilevel Converter (MLC) for grid applications”, National Conference on Power Energy Instrumentation and control PIECON 11, Aligarh Muslim University, Feb 11.

AREA OF RESEARCH:

Power Electronics & Drives, Renewable Energy Sources, Integration of Renewable Energy Sources to Electric Grid, Distributed Power Generation.

WORKSHOP/ SEMINAR / SHORT TERM COURSES ATTENDED:

- Attended a workshop on **PLC & SCADA** on January 28, 2017 conducted by **Automation Engineers A.B. Pvt. Ltd Noida**.
- Attended a short term course on “**Matlab & Its Hardware Interface**” on Jan 11, 2016 to Jan 15, 2016 through ICT conducted by NITTTR Chandigarh.
- Attended an FDP on “**Evolutionary Optimization Technique**” on Dec 19 & 24, 2014 at NIET Greater Noida.
- Attended an Industrial Training Program on “**Electricity Transmission & Distribution Systems**” on August 20-21, 2016 conducted by **NPTI Faridabad**.
- Attended FDP on “**Matlab Techniques**” on September 17, 2016 at NIET Greater Noida.

PROJECT/ DISSERTATION:

- B. Tech Project: “Power Electronics Controller for Wind Energy Systems”
- M. Tech Dissertation: “A grid connected PV Power Conversion System”

SOFTWARES SKILLS:

- Good knowledge of MATLAB / SIMULINK & PSpice.

PERSONAL INFORMATION:

Father’s Name: Mohmmad Abdulla
 Marital status: Married
 Date of Birth: 10/03/1988
 Permanent Address: Mohalla Choudhriyan, Near Kotwali, Siyana Buland Shahar U.P. 245412

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility of correctness of the above-mentioned particulars.

Place: Siyana (BSR)

(Mohmmad Ahmad)