

ANWAR ULLA KHAN

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CAREER OBJECTIVE

To pursue a challenging career in a professionally run reputed organization which provides an educative working environment, where I can enhance my learning curve, apply my knowledge and leverage my skills for organizational and personal growth .

PUBLICATIONS

- Paper titled “**A Digital Hygrometer for Trace Moisture Measurement**” is accepted in *IEEE Transactions on Industrial Electronics*.
- Paper titled “**Accuracy analysis of Oscillator-Based Active Bridge Circuit for Linearly Converting Resistance to Frequency**” is accepted in *IEEE Conference IMPACT-2013*.

WORK EXPERIENCE

- Currently working as Junior Research Fellow under DST funded Project along with PhD in Electrical Engineering dept. at Jamia Millia Islamia, New Delhi.
- Work as an Asst. Prof. in Electrical & Electronics Engineering dept. at Noida Institute of Engineering & Technology, Greater Noida (2011-12).
- Work as a lecturer in Electrical & Electronics Engineering dept. at Integral University, Lucknow (2008-09).
- Assisted B.Tech student in lab in Aligarh Muslim University, Aligarh during M.Tech.

PROFESSIONAL QUALIFICATION

PhD.- Pursuing from *Jamia Millia Islamia*, New Delhi (2012- till date).

M.Tech.(Instrumentation & control)- 74.37% aggregate from *Aligarh Muslim University*, Aligarh in 2011.

B.Tech.(Electrical & Electronics Engineering)- 74.36% aggregate from *Integral University*, Lucknow, approved by UGC and A.I.C.T.E in 2008.

ACADEMIC QUALIFICATION

Intermediate from Baby Martin Public Inter College, Lko. (U.P. Board) in 2001 with 1st Division.
High School from Happy Hours Inter College, Lko. (U.P. Board) in 1999 with 2nd Division.

COMPUTER PROFICIENCY

Windows, MS-Office, MATLAB, Internet, Basics of C.

SUMMER TRAINING

Four weeks summer training in **2007-08** at **220 KV Substation, Sarojni Nagar, Lko.** We visited switched yard and become well-versed in technical aspects of distribution transformer, potential transformer, current transformer, buses, various circuit breakers, relays etc.

B.TECH PROJECT

“Analysis of power quality of domestic inverter and its improvement”

The output waveform of the inverter is distorted by harmonics introduced by various loads. We analyzed it through power scope and introduced a filter to reduce it.

M.TECH DISSERTATION

“Development of a microcontroller based static VAR system”

Here in this dissertation IC ADE 7757, designed for active power measurement, is used for the measurement of reactive power. A circuit is proposed for this purpose and output is modified to get a signal corresponding to the reactive power.

PhD. THESIS

“Development and Analysis of Microcontroller Based Signal Conditioning Circuit for Thin Film Humidity Sensor”

In this work we want to develop a signal conditioning circuit for thin film humidity sensor and analyze it for different error which may affect the performance of the sensor. Also, a circuit which is capable to measure change in capacitance is required when the measurement is made for small capacitances because in trace moisture measurement the capacitance change of the sensor due to moisture in ppm is small in comparison to its offset capacitance when humidity was absent. For this we are concentrated on modified relaxation oscillator based circuit in addition with bridge circuit. Thin film, which we are using for sensing are of alumina (γ -Al₂O₃) prepared by sol-gel method.

EXTRA CURRICULAR ACTIVITIES

- Awarded for having been placed among the Top 10% in **National Standard Examination in Physics 2000-2001.**
- Participated in **Electronics Model Exhibition** in inter-college technical, literary and artistic festival, FIESTA-2006.
- Participated in the **National Symposium on Developments In Instrumentation And Control Engineering** (2010) in Department of Electrical Engineering, Z.H. College of Engineering & Technology, AMU.
- Participated in the **National Conference on Power, Instrumentation, Energy and Control** (ITcon 2011) in Department of Electrical Engineering, Z.H. College of Engineering & Technology, AMU.
- Participated in the **Workshop on MATLAB organized by IEEE Student Branch** (2011) in Department of Electrical Engineering, Z.H. College of Engineering & Technology, AMU.
- Participated in **Techfest "BLITZKRIEG" MATLAB organized by IEEE Student Branch** (2011) in Department of Electrical Engineering, Z.H. College of Engineering & Technology, AMU.

- **GATE** Qualified **with** GATE score 424(**93 percentile**), 474(**96 percentile**) and 370(**94 percentile**) in 2010, 2011 and 2013.
- **IEEE** student member.
- *Technical Training on **PIC 18F4520 MCU** from **EFY Tech Center collaboration** with **microchip**.*

PERSONAL DETAILS

Date of Birth : 20th Dec'1983
Father's Name : Mr. Rafeeq Ahmad Khan
Permanent Address : 400/103, Abdul Aziz Road,
Chowk, Lucknow-226003.
Sex/Nationality/Marital Status : Male/Indian/Single.
Linguistic Proficiency : English, Hindi, Urdu.
Passport No. : H034727(Date of Expiry- 26/08/2018)

DECLARATION

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

DATE :

PLACE:

[Anwar Ulla Khan]