

ABDUL NADEEM

Assistant Professor

MMANTC, MAHARASTRA, INDIA

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Passport Number: R4292432



Education

M.Tech. (Electrical Engineering)

2018-2021

Zakir Hussain College of Engineering & Technology, Aligarh Muslim University (AMU)

Branch - Instrumentation & Control

Dissertation – Modeling, Development and Control of Single-Phase Multilevel Inverter with Reduced Device Count.

Percentage of Marks: 73.85%

B.Tech. (Electrical and Electronics Engineering)

2011-2015

Anand Engineering College, Uttar Pradesh Technical University (UPTU)

Project – Power Factor Correction Using Capacitive Bank.

Percentage of Marks: 68.38%

Work Experience

- Assistant Professor** **October 2021 - Present**
Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon, Maharashtra,
affiliated to Savitribai Phule Pune University, Maharashtra, India
- Q&A expert (Part Time)** **April 2020 – October 2021**
Chegg India
- Teaching Assistant** **August 2018 – April 2020**
Lab Assistantship of undergraduate students

Courses Taught

- Power Electronics
- Material Science
- Power Electronics Control Drives
- Network Theory
- Power System Analysis
- Electrical Measurement and Instrumentation
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Area of Interest

- Multilevel Inverter Topologies and their Control
- Power Converters for Wave Energy
- Fault-tolerant Multilevel Inverter Topologies
- High Gain DC-DC Converter Topologies
- Wireless Power Transfer
- Power Converter for Electric Vehicle Applications
- Energy Management

Skills

- MATLAB/Simulink
- PLECS Software
- Mendeley
- C++, C language, HTML
- Microsoft Office: Word, Power-point, Excel, Visio
- Operating System: Linux, Windows

Industrial Exposure

Accomplished four weeks Industrial training in Electrical department (Gas Plant) NTPC DADRI from 27.06.2014 to 25.07.2014.

Publication

M. S. Bin Arif, U. Mustafa, S. B. M. Ayob, J. Rodriguez, A. Nadeem, and M. Abdelrahem, "Asymmetrical 17-Level Inverter Topology with Reduced Total Standing Voltage and Device Count," *IEEE Access*, vol. 9, pp. 69710–69723, 2021.

Workshops

Completing ten days training on "Rooftop Solar Grid Engineer" conducted by Aligarh Muslim University

Achievements and Award

Gate Qualified in Electrical Engineering
UGC-GATE Fellowship

Language Skills

English: fluent (Reading, Speaking, Writing)
Hindi: Native speaker

Personal Details

Nationality: Indian
Date of Birth: 01-December-1993
Gender: Male
Marital Status: Unmarried

References

1. Mr. Mohammad Anas Anees
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2. Dr. Saad Bin Arif
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Declaration

I Abdul Nadeem hereby declare that all the information furnished above is true to the best of my knowledge and belief.

ABDUL NADEEM