

# MOMIN SHAHBAZ AKHTER RIYAZ AHMED

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## OBJECTIVE:

I have motivation to succeed, seeking a challenging and responsible position as per my qualifications. Desiring an opportunity for professional growth and advancement.

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## PROFESSIONAL QUALIFICATION:

- 2023-2024     **Ph.D. (Electrical and Electronics Engineering) - Pursuing**  
B. S Abdurrahman Crescent Institute of Science & Technology, (Deemed to be University)  
Tamil Nadu.
- 2021-2022     **Master of Engineering (Electrical Power Systems), S.N.D COE, Savitribai Phule Pune University (9.8 SGPA, 8.8 CGPA - 80.60 %)**
- 2017-2018     **Bachelor of Engineering (Electrical), MMANTC, Savitribai Phule Pune University (81.60 % First Class with Distinction)**
- 2014-2015     **Diploma in Electrical Engineering, K. B. H. Polytechnic, MSBTE. (78.55 % First Class with Distinction)**
- 2009-2010     **H.S.C, The Malegaon High School & Jr. College, Nasik Board (59.00 %)**
- 2007-2008     **S.S.C, SWES High School & Jr. College, Nasik Board (79.23 %)**

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## TEACHING EXPERIENCE:

Department of Electrical Engineering, Maulana Mukhtar Ahmad Nadvi  
Technical Campus (MMANTC), Mansoorra Campus, Maharashtra, India.

**July 2018 – Till Now**

**Taught following subjects to B.Tech. (Electrical) students:**

- PLC and SCADA
  - Basic Electrical Engineering
  - Illumination Engineering
  - HVDC & FACTS
  - Power Quality
  - Power Electronics & Controlled Drives
  - Sensors in Automation
  - Energy Audit & Management
  - Industrial and Technology Management
  - Fundamentals of Mechatronics
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**PUBLICATIONS:**

- 1) **Momin Shahbaz**, Dr. Pawan C. Tapre, “Load Calculation and Analysis of Engineering Building for Designing Optimal Microgrid Configuration by HOMER®” International Journal of Advance Research in Science and Engineering, volume No. 11, Issue No. 05, May 2022.
- 2) **Momin Shahbaz**, Dr. Pawan C. Tapre, “A Review on Various Optimal Microgrid Sources and Modelling Using HOMER®” ©RTETM-February 2022.
- 3) **Momin Shahbaz Akhter**, et al., “Review on High Efficiency, Low-Cost Design of Solar Powered Electric Vehicle”, IOSR Journal special Issue February 2019.
- 4) **Momin Shahbaz**, et al., “Review on High-Efficiency, High-Lifetime and Low- Cost battery electrical vehicle with unity power factor charger”, IOSR Journal special Issue February 2019.
- 5) **Momin Shahbaz**, et al., “Mathematical Modeling, simulation and Comparative Study of PVT Collector”, IOSR Journal special Issue February 2019.
- 6) **Momin Shahbaz**, et al., “A Matrix Converter Based Bidirectional Contactless Grid Interface”, IOSR Journal special Issue February 2019.
- 7) **Momin Shahbaz**, et al., “Speed Control of Split phase induction motor with Temperature using Arduino”, IOSR Journal special Issue February 2019.
- 8) **Momin Shahbaz**, et al., “PLC Controlling of High Power Motors”, IOSR Journal special Issue February 2019.

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**PROFESSIONAL INVOLVEMENTS:**

- 1) Appointed as the **T & P Cell Team Member**, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC), Al Jamia Mohammediyah Education Society, Mansoor, Malegaon, Maharashtra.
  - 2) **Certified SIEMENS Trainee** of the modules “Basic & Advance Automation”, “Power Switchgear”, “Basic & Advance Power Drive”, “Process Instrumentation” of **SIEMENS-Centre of Excellence**, MMANTC, Maharashtra.
  - 3) Appointed as the **Industry Committee Member**, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC), Al Jamia Mohammediyah Education Society, Mansoor, Malegaon, Maharashtra.
  - 4) Appointed as the **NAAC Criterion 5.3 Key Indicator Incharge**, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC), Al Jamia Mohammediyah Education Society, Mansoor, Malegaon, Maharashtra.
  - 5) Appointed as the **Industrial Visit Incharge** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
  - 6) Appointed as the **T & P Coordinator** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
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- 7) Appointed as the **Project Coordinator** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
  - 8) Appointed as the **MOU Data Record Incharge** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
  - 9) Appointed as the **Minutes of Meeting Incharge** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
  - 10) Appointed as the **Students Participation Data Incharge** of Electrical Engineering Department, Maulana Mukhtar Ahmad Nadvi Technical Campus (MMANTC).
  - 11) Acted as a **Local Advisory Committee Member** of a “**PROTECHNICA-2023**”, A **Technical Project Competition** organized by the MMANTC, Maharashtra held on 20 May 2023.
  - 12) Acted as a **Technical Committee Member** in the “**International Conference on Science, Technology and Sustainability (ICSTS-2022)**”, organized by the MMANTC, Maharashtra held on 5<sup>th</sup> – 6<sup>th</sup> November 2023.
  - 13) **Organizing Committee Member** of a “**Job Oriented English Course**” Job Oriented Course on English Speaking & Writing Skills held from 27th August to 03rd September 2022 organized by the MMANTC, JMES-Mumbai, Maharashtra.
  - 14) **Organizing Committee Member** of a “**Two-Weeks Short-Term Training Program Cum Course on Logical Reasoning and Aptitude**” held from 21st March to 02nd April 2022 organized by the Department of Electrical Engineering, MMANTC, Maharashtra.
  - 15) Acted as a **Coordinator** in a webinar on the topic of “**Role of Information and Communication Technology (ICT) in Bringing Smart grid to Reality**” Organized by the Department of Electrical Engineering, MMANTC, held on 11th Dec.
  - 16) **Organizing Committee Member** of Typhoon HIL Dissertation Awards (THILDA-2021) organized by the Department of Electrical Engineering, MMANTC, Maharashtra, held on 10th to 12th April 2021.
  - 17) **Organizing Committee Member** of Typhoon HIL Dissertation Awards (THILDA-2021) organized by the Department of Electrical Engineering, MMANTC, Maharashtra, held on 10th to 12th April 2021.
  - 18) **Organized Paper Presentation Competition** in Electrical Engineering Dept. at MMANTC.

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#### **ACADMIC ACHIVEMENTS:**

- 1) **Best Alumina- 2019 Award** by Secretary JMES.
  - 2) **MLA medal from MRF** as an Engineering College topper.
  - 3) **1<sup>st</sup> College topper** in Final Year of Engineering.
  - 4) **1<sup>st</sup> topper** in Third year of Engineering.
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- 5) **2<sup>st</sup> topper** in Second year of Engineering.
  - 6) **1<sup>st</sup> College topper** in Diploma Final Year.
  - 7) **Silver Medal** in 10<sup>th</sup> Std. from School as a topper.
  - 8) Medals in sports and other activities.
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#### **PARTICIPATION & TECHNICAL SKILLS:**

- 1) **Siemens TIA Portal**, SIMATIC Manager.
  - 2) Working knowledge of **Siemens G120 and S120 Basic and Advance Motion Drives**.
  - 3) Working knowledge of **Siemens S7 300 and S7 400 Basic and Advance Automation**.
  - 4) SWAYAM ARPIT Online Course on “**Big Data Analytics for Smart Grid**” NITTTR Chandigarh.
  - 5) **Hands-on Training on Solar Study Lamp Assembly Course** is offered by IIT BombayX.
  - 6) **One Day Hands-on Training Program on Industrial Automation-PLC & SCADA**.
  - 7) AICTE Recognized **STC on Electric Vehicle Technology**, from NITTTR, Chandigarh.
  - 8) Attended Workshop on “**Energy Audit and Conservation**” At MMANTC.
  - 9) Attended Workshop on “**Industrial Approach in Electronics**” At MMANTC.
  - 10) Attended “**Workshop on PCB Manufacturing**” at “**Copper Track Industry**” Ambad, Nasik.
  - 11) Participated in “**National Level Language Test-Urdu**” held by “**National Testing Service-India**”
  - 12) Software’s: Microsoft Word, Power Point, Excel and Adobe Photoshop.
  - 13) Can work on **MATLAB Software**.
  - 14) Can work on **HOMER Software**.
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#### **PROJECTS:**

- 1) Analysis of Optimal and Eco-friendly Campus Microgrid Configuration.
  - 2) Solar Powered Electric Vehicle.
  - 3) 3-Phase Inverter Using PWM Technique.
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#### **OTHER WORK EXPERINCE:**

- 1) Worked as **Presiding Officer** in Loksabha (Parliamentary) Election 2019.
  - 2) Worked as **Career Guidance and Counselor**.
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#### **CO-CURRICULER ACTIVITY:**

- 1) Appointed as the **Vice President of EEESA Committee** in final year of Bachelor of Engineering.
  - 2) Appointed as an **Accountant of EEESA Committee** in 3<sup>rd</sup> year of Bachelor of Engineering.
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#### **EXTRA-CURRICULER ACTIVITY:**

- 1) Reading Holly book ‘Quran’.
  - 2) Playing Cricket.
  - 3) Gardening.
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**PERSONAL DETAILS:**

Father's Name : Riyaz Ahmed.  
Date & Place of Birth : 01-08-1992 / Malegaon.  
Marital Status : Single.  
Religion : Islam (Muslim).  
Languages Known : English, Hindi, Urdu and Marathi.

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**Note:** Enclosed are all my educational certificates.

**DECLARATION:**

I hereby undersigned that the above given information is completely true to the best of my knowledge.

Date:

Place: Malegaon, Dist. Nashik M.S (India)

**MOMIN SHAHBAZ**