



# FAHAD BILAL

ASSISTANT PROFESSOR &  
SIEMENS TRAINER

## WORK EXPERIENCE

### Assistant Professor

Maulana Mukhtar Ahmad Nadvi Technical Campus

2019-Present Mansoor, Malegaon, Maharashtra, India 423203

### SIEMENS Trainer

MMANTC Centre of Excellence

2020-Present Mansoor, Malegaon, Maharashtra, India 423203

## PERSONAL INFO



### Phone

+91 7276161375



### Email

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### Area

Gulshan-E-Rabiya, 138/1,  
Hasanpura, Malegaon, India 423203



### Nationality

Indian



### Linkedin

[https://www.linkedin.com/in/  
fahad-bilal-45708b145/](https://www.linkedin.com/in/fahad-bilal-45708b145/)

## LANGUAGES

### English

Full Professional Proficiency

### Urdu

Full Professional Proficiency

### Hindi

Full Professional Proficiency

### Arabic

Limited Working Proficiency

## EDUCATION

### Doctor of Philosophy (Ph.D.)

S. V. National Institute of Technology, Surat

2023 - Pursuing

Electronics & Communication Engineering

### MASTER OF TECHNOLOGY (M. TECH.)

Sardar Patel Institute of Technology, Mumbai

2017-2019

Electronics & Telecommunication Engineering

CGPI - 9.03 (FCWD)

### BACHELOR OF ENGINEERING (B.E.)

Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon

2013-2017

Electronics & Telecommunication Engineering

82.0667% (FCWD)

### HSC

The Malegaon High School & Jr. Colege, Malegaon

2013

71.17%

### SSC

The Malegaon High School & Jr. Colege, Malegaon

2011

72.91%

## PROFESSIONAL ACTIVITIES

International Conference i-CREATE 2020 (03/2020)

Co-Coordinator

One Week Internship Program on "Internet of Things" (2020)

Co-Coordinator

Typhoon HIL Dissertation Award (THILDA-2021) (2021)

Organizing Committee Member

## SKILLS

Antenna Design

Ansys HFSS

TIA Portal

PLC Programmer

Automation

Factory IO

SCADA

MultiSIM / Proteus

Embedded System

Python

Arduino Programmer

IoT

## RESEARCH PROJECTS & PUBLICATIONS

Reduce Switching Noises in Multilayer PCB Technology Using EBG Structure (06/2019)

•*M.Tech Thesis*

Android Based Home Automation System Using Internet of Things (06/2017)

•*B.E. Project*

Reduction of Signal Integrity Issues in Printed Circuit Board Using Electromagnetics Bandgap Structure (05/2019)

•*International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, Issue-9*

Design of Current Mode Full Wave Rectifier and Current Feedback Operational Amplifier (2019)

•*IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)*

Signal Integrity Issues Reduction in PCB Using Metamaterial (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

Mobile Ad hoc Network Routing Protocol Design and Testing Using NS2 (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

IoT Based Power Loom Monitoring System (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

Current Mode Full Wave Rectifier Topology for Integration (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

Application of Internet of Things in Multiple Tanks Water Level Controlling (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

IoT Based Solar Power Plant Monitoring System (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

Reduction of Power Consumption in Power Loom - Designing and Breakdown (03/2020)

•*International Conference i-CREATE 2020 - IJAST*

Carbon Footprint and Economic Assessment of LED Bulbs Recycling (01/2023) (Book Chapter)

•*Environmental Footprints and Eco-design of Products and Processes. Springer, Singapore.*

## ACHIEVEMENTS & AWARDS

GATE 2022

*Qualified*

Nujoom 2019 Memento (2019)

*Academic Excellence*

1<sup>st</sup> Merit Prize (2018)

*SPIT Certificate of Merit*

President of EEESA

community (2016-2017)

*MMANTC*

Vice-President of EEESA

community (2015-2016)

*MMANTC*

First Runner up in Circuit Simulation and Debugging Competition (2016)

Best Student Award (2015)

*MMANTC*

First Runner Up in Line Follower Robot Championship in IIT-Bombay (2014)

## COURSES

Faculty Development Program on "Industrial Automation using PLC Programming" organized by ATAL, 7-11 Feb 2022

Faculty Development Program on "Towards 5G & Beyond IoT and Machine Learning", Organized by ATAL, 26-30 Jul 2021

Faculty Development Program on "Wearable Devices & Antenna Technologies for IoT, Mobile & Telemedicine Applications" organized by ATAL, 5-19 Jul 2021

Four Days Workshop on Arduino Organized by Department of Electronics & Telecommunication Engineering, MMANTC Malegaon, 5 to 9 September 2019.

One-Week Faculty Development Program on "Machine Learning and Artificial Intelligence", organized by E&ICT Academy IIT Guwahati, 12-19 Oct 2020

Train the Trainers (TTT) Program For CoE on "Advance Automation", Organized by SIEMENS SITRAIN

Train the Trainers (TTT) Program For CoE on "Basic Automation", Organized by SIEMENS SITRAIN

Train the Trainers (TTT) Program For CoE on "Expert Automation", Organized by SIEMENS SITRAIN

Train the Trainers (TTT) Program For CoE on "IoT", Organized by SIEMENS SITRAIN

Train the Trainers (TTT) Program For CoE on "PCS 7", Organized by SIEMENS SITRAIN

Train the Trainers (TTT) Program For CoE on "SCADA", Organized by SIEMENS SITRAIN

Web Based Training on "PLC For Beginners" Organised by SIEMENS SITRAIN Digital Industry Academy, Jan 2022

Workshop on PCB Manufacturing, organized by Training Centre For Excellence (Copper Track Industries), 29 Mar 2022