



# SHEIKH MOHAMMAD SAJID

## GET IN CONTACT

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## PERSONAL DETAILS

- Date of Birth : 22<sup>nd</sup> Jan, 1995
- Gender : Male
- Address : BB Colony House No. 2875/44, Behind Khada Company, Kalamna Road, Kamptee, Nagpur
- Current Location : Nagpur
- Can Start Work : Immediately
- Preferred Location : Anywhere

## LANGUAGE KNOWN

- English
- Hindi

## SKILLSET

- Computer Skill
- Communication Skill
- Documentation and Reporting
- Analytical Skill (MATLAB SIMULINK, PVSyst Software and Aurdino UNO Programming)

## M.TECH PROJECT

- Motor Controller for BLDC Motor in E-Rickshaw Application-This is a simulation-based project using MATLAB/Simulink. We have design a Controller For BLDC using Voltage controller, Current Controller and PWM controller. We compare this Controller and analyzed it. We also discuss Regenerative braking in BLDC Motor.

## EXTRACURRICULAR

- Gate 2018 and 2019 Qualified
- Certificate of Energy Literacy by Energy Swaraj Foundation

## LETTER OF RECOMMENDATION

1. Vardhan Consulting Engineers  
Ashish S Kumar  
CEO & Lead Consultant  
+66 9174 26265 /[ashish@techvardhan.com](mailto:ashish@techvardhan.com)  
Certificate URL:  
<https://certificates.techvardhan.com/LOR12856>

## EDUCATION HISTORY

### Post Graduation

Course Master of Technology in Power Electronics and Power System  
College Ramdeobaba College of Engineering and Management, Nagpur  
Year of Passing June 2021  
Score 9.26 CGPA

### Graduation

Course B.E in Electrical Engineering  
College Guru Nanak Institute of Engineering and Technology, Nagpur  
Year of Passing 2017  
Score 8.61 CGPA

### Class XII

Board Name CBSE  
Medium English  
Year of Passing 2013  
Score 78.8%

### Class X

Board Name CBSE  
Medium English  
Year of Passing 2011  
Score 72.2%

## JOB OBJECTIVE

To get challenging assignment and provide opportunity for growth in terms of due recognition and certification.

## EXPERIENCE

Intelux Electronics Pvt. Ltd., (6<sup>th</sup> Dec, 2021-24<sup>th</sup> Dec,2022)

- I joined Intelux Electronics Pvt. Ltd. as a trainee engineer at Lightning Department. I have experience in designing LED drivers using Fly back, Buck and Boost topology. Also having experience in designing CV driver. I also handle instruments like DSO, EMC Tester, Surge Generator, LCR meter, SMPS. I am also familiar with semiconductor devices.

Junior Research Fellowship, Visvesvaraya National Institute of Technology, Nagpur (13<sup>th</sup> March,2023- Present)

- I am working as JRF under DST-SERB Sponsored research project entitled, "Sustainable Technology for Smart Off-Grid Renewable Energy Transformation and Electrochemical Storage" in Electrical Engineering Department at VNIT, Nagpur. Currently I am working on Mathematical Modelling using MATLAB/Simulink with Integration of Solar PV, battery and AC grid.

## INTERNSHIPS

Vardhan Consulting Engineers, 51Days

- I have done virtual internship in Vardhan Consulting Engineers from dated 11<sup>th</sup>April, 2020 to 31<sup>st</sup>May, 2020. My problem statement was "Solar Resources Assessment and Analysis for AEP of Solar PV Project using PVSyst." .In this internship, I got to learn and analyze about Solar PV Simulation and Design.  
Certificate URL: <https://certificates.techvardhan.com/COC5750>

Koradi Training Center, Nagpur, 21Days

- I have done vacation training in Koradi Training Center, Nagpur from dated 10<sup>th</sup>May, 2016 to 30<sup>th</sup>May, 2016. It is very interesting that first 10 days theory and next 10 days industrial visit. I got to learn about Thermal Power Plant operation, Plant layout, Rankin cycle, Flue gas cycle and Coal handling plant.

## DECLARATION

I hereby declare that all the information furnished by me is true to the best of my knowledge.

Date:

Sheikh Mohammad Sajid