

# Asim Minhaj

Successfully completed M.Tech (Machine Design) and B.Tech in Mechanical Engineering from Jamia Millia Islamia ( A Central University) New Delhi. Aspire to join an esteemed organisation where one can get opportunity to develop my competency and professional career. Looking for opportunity to contribute my knowledge and its application to attain organisational objectives.

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## EDUCATIONS

### Master of Technology

Jamia Millia Islamia, New Delhi, India

10/2021 - 06/2023,

88.7%

Course

– Machine Design Engineering

### Bachelor of Technology

Jamia Millia Islamia, New Delhi, India

08/2017 - 07/2021,

77.9%

Course

– Mechanical Engineering

### Senior Secondary

St. Mary's English High School, Jamshedpur, India

2017,

59.4%

### High School

St. Mary's English High School, Jamshedpur, India

2014,

77.9%

## ACADEMIC PROJECTS

Comparision of Analysis of AISi10Mg Additive Material And Casted AISi10Mg Alloy (07/2022 - 06/2023)

- Literature Review on AISi10Mg Material and Stress Analysis of parts using AutoDesk Fusion 360 Software.
- Experimental Test on AISi10Mg 3D Printed material and Casted AISi10Mg Alloy using Charpy Test and Porosity Test using Stereozoom Microscope.

A Study On 3D Printing (07/2020 - 06/2021)

- Research effort focused on the application of Additive Manufacturing in Industry 4.0 research to a range of various 3D Printing applications and analysis.
- Stress Static and Thermal Stress Analysis of AISi10Mg Single Cylinder Piston 3D Printing Model.

Indian Karting Championship (07/2019 - 12/2020)

- IKC Season 4 organized by Nexus Motorsports held in Kolhapur, Maharashtra. Worked in Steering and Electrical System departments. Designing and fabricating of Go Kart from the rule book which was provided by Nexus Motorsports

Quad Bike Design Challenge - 4 (09/2018 - 07/2019)

- Quad Bike Design Challenge Season-4 organized by FMAE in Hyderabad, India. Worked in Designing, Braking and Fabricating Department of ATV from the rulebook provided by FMAE.

Quad Bike Design Challenge - 3 (12/2017 - 08/2018)

- Achieved 4th in Overall National Ranking.
- 2nd position in Traction Test and Fuel Economy Round.

## WORK EXPERIENCE

### Intern

Tata Steel Limited

07/2021 - 08/2021,

Jamshedpur

Achievements/Tasks

- Project Study on HVAC System for EOT Crane

## SKILLS

AutoCAD

SolidWorks

ANSYS

Fusion 360

Python

C/C++

SQL

MS Office

SciLab

Spyder

FreeCAD

## ACHIEVEMENT

Quad Bike Design Challenge Season 3 (12/2017 - 08/2018)

QBDC-3 organized by FMAE in Hyderabad, India. We achieved overall national rank 4th. We won 2nd in Traction Test and Fuel Economy Round.

## ORGANIZATIONS

Society of Automotive Engineers (07/2018 - 03/2021)

Worked as Content Writer for 2 years, organized seminars, workshops, events. Published monthly newsletter The Verve- for Technical Nerds.

TEDxJMI (09/2019 - 11/2019)

Worked as Hospitality Team and Conference Staff Member

XTACY'19 (01/2019 - 03/2019)

Volunteer and co-organizer of CAD Competition

## CERTIFICATES

3D Printing Specialization by University of Illinois (06/2020 - 08/2020)

Wind Energy by Technical University of Denmark (06/2020 - 07/2020)

SolidWorks by Udemy (06/2020 - 09/2020)

## LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

Urdu

Native or Bilingual Proficiency

## PERSONAL INFORMATIONS

**D.O.B.** - 06 February, 1996

**Nationality** - Indian