

# Shubham Ramesh Rao Maske

Final Year (M.Tech)  
Metallurgical and Materials Engineering  
at NIT Rourkela

140, Sector 26, MIHAN Rehab Area  
Nagpur, Maharashtra-441108, India  
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## Links

LinkedIn:// Shubham Maske

## Skills

MATLAB

SIMULINK

LAMMPS

OVITO

PRO/ENGINEER WILDFIRE 5.0

AUTODESK INVENTOR

AUTOCAD

## Coursework

Composite Materials

Smart Materials

Mechanical Failure of Materials

Phase Transformation

Computational Modelling of Materials

Mechanical Behaviour of Materials

Surface Engineering

Powder Technology

Metallurgical Thermodynamics and Kinetics

Experimental Techniques in Materials Engineering

Manufacturing processes

## Education

2020-2022

M.TECH. IN MM

NIT Rourkela

2012-2016

B.TECH. IN ME

SVPCET Nagpur

CGPA : 8.76/10

2011-2012

INTERMEDIATE

Jupiter Junior Science College, Nagpur

Percentage: 86.67%

2009-2010

HIGH SCHOOL

Jupiter High School, Nagpur

Percentage: 90.91%

## Experience

*MARCH 17-FEB 18* **Heat Treatment Department** Graduate Engineer Trainee

My primary responsibility was supervision of Heat Treatment Department in the Hardening, Tempering and Annealing furnaces.

*Production, Quality check, Maintenance*

*2015-2016* **IVRCL TLT LTD** Internship for Final Year Project

Internship focused on understanding Transmission Line Tower (TLT) manufacturing process with added focus on problem solving. One such problem focus was designing of holding device for Hole after Bending Machine.

*JUNE 14* **Bajaj Steel Industries Limited, Nagpur** Internship

Internship focused on CNC Machines of the Production Department.

*CNC*

## Achievements/Awards

*2012* **Amul Vidya Bhushan** HSSC

For an outstanding academic performance at the central/state board higher secondary examinations held in March-April 2012. Best performer of Jupiter Junior Science College.

*2013* **TECHNEX-2013 at SVPCET, Nagpur** Participated

Participated in soccorage (Robowar) by making own robot.

## Side Project

*2015-2016* **Study and Design of Holding Device for HAB Machine** IVRCL

Project focused on manpower cost reduction through efficient design of the holding device for the Hole After Bending Machine at IVRCL TLT LTD, Nagpur.