

# Saumya

Sharma



saumyalavania97@gmail.com



linkedin.com/in/saumya-sharma-166a1a131

## Education

B.Tech Mechanical Engineering  
The LNM Institute of Information  
Technology | 2019 | GPA:8.01/10

Class XII  
Pt. Uma Dutt Public School | 2014 |  
85.6 %

Class X  
Pt. Uma Dutt Public School | 2012 |  
9/10

## Skills

Business Intelligence Tools and  
Solutions: SAP(Basic), Bitrix  
Languages: C, Matlab, JAVA  
Data Structures and Algorithms  
Simulation : Ansys  
Design : AutoCAD, Solidworks  
Other: MS Office

## Extra-Curricular

Position of responsibility @ Associate  
General Secretary of Sports council  
for 2017-2018

Counselling Service @ Student Guide  
(2016-17)  
-Mentored freshmens  
-helped them settle comfortably in  
the LNMIIT environment

Competitions @ Participant  
-LNMIIT MUN'16  
- Badminton League Desportivos'17  
LNMIIT  
- Badminton league at Sangram IIT  
Roorkee sports fest 2017  
- Inter college competition at IIT  
Bombay sports fest 2018

Member @ ASME SAE societies

Volunteer @ ASME's E-Fest'17 Asia  
Pacific in Robothon event,  
& on the spot registrations

## Work Experience and Internships

- Jun'19-Feb'20 Design & Development Executive RMC SWITCHGEARS LTD., Jaipur  
-Creating CAD Drawings, 3D Models for projects.  
-Working with Production Engineers to create production drawings to ensure best practice for manufacture and assembly.  
-Making Samples for approval purpose.  
-Produce final drawings in 2D with Tech Specifications and GTP.  
-Preparing Bill of Materials for production purpose.  
-Assist Department Manager in all activities to achieve organizational goals.
- June-July'18 Research Intern LNM Institute of Information Technology  
Designed & built a experimental setup to study heat pipe  
Comparison of results with or without CNT/Paraffin composite
- June-July'17 Summer & Research Intern IIT, Ropar  
-A comprehensive and comparative evaluation through research work on *Mechanical Micro-Drilling and Micro-EDM Drilling*  
-*Micro EDM Drilling and Reverse micro EDM Drilling*  
A Comprehensive and Comparative Evaluation of EDM Process Variants for fabrication of Micro Features

## Research and Projects

- Jan'18-May'19 B.Tech Project  
Designing and Analysis of Bar Bending Machine
- Oct'17-July'18 Published research paper on "An Experimental study on CNT/Paraffin composite as a energy storage material in heat pipe for electronics cooling application"  
"An Experimental study on CNT/Paraffin composite as a energy storage material in heat pipe for electronics cooling application" to Joint 19th International Heat Pipe Conference and 13th international Heat Pipe Symposium.
- June-July'17 Published research paper on Mechanical Micro-Drilling and Micro-EDM Drilling  
Y. Jain, S. Sharma , A. Agrawal and C. K. Nirala International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2017) , ISBN:978-93-80689- 28-9, December 2017.

## Achievements

- Mar'18 Old Guard Technical Poster Competition  
Attained 5th position in ASME Old Guard Technical Poster Competition held at DTU E-Fest 2018 at Delhi by ASME Society
- Mar'18 Human Powered Vehicle Challenge (HPVC)  
Attained 10th position in ASME HPVC Asia Pacific Competition held at DTU E-Fest 2018 at Delhi by ASME Society
- Mar'16 Mechnovation'16  
First runner-up in Mechnovation'16 (Mechanical Innovation Competition) held at LNMIIT

## Certifications

- COURSERA Supply Chain Logistics Issued May 2020  
To develop logistics networks, that minimize costs and deliver top customer service. Warehouse Management, Logistics Planning, Supply Chain, Inventory.