

YASHRATHI

4th Year Mechatronics Student
At Mukesh Patel School Of
Technology Management And
Engineering, Mumbai

PROFILE

Enthusiastic engineering student in Mechatronics eager to develop and improve business skills in communication, technology, and teamwork, meet potential mentors who can provide guidance, feedback, and support through hard work and attention to detail. Trained in software designing, C++ programming, micro-controller programming, Ansys, MS office tools including Word, Power Point. Motivated to learn, grow and excel in the field of Networked Production Engineering.

CONTACT

ADDRESS: Plot No -39, C-3, Town Centre Cidco, "Hiranya", Aurangabad, Maharashtra, 431003

PHONE: 7774000359

LINKEDIN:

<https://www.linkedin.com/in/yash-rathi-9b7857153/>

EMAIL:

rathiyash49.yr@gmail.com

HOBBIES

Football
Cricket
Guitar
Travelling

EDUCATION

- Mukesh Patel School Of Technology Management And Engineering, Mumbai
July 2017 - May 2021 (Expected Graduation End Date)
 - Continuing Final sem (8th Sem) education in B.Tech in Mechatronics
 - Graduated with CGPA of 3.23/4 in the 6th Sem(3rd year)
 - Coursework in CAD/CAM
 - Elected to MPSTME Racing Team's Brakes Department for Enduro Student India, 2019 design competition for Engineering Students in February
- SBES College Of Science , Aurangabad
June 2015 - June 2017
80.14% in 12th SSC Boards
- Cambridge School, Aurangabad
June 2006 - June 2015
89.4% in 10th ICSE Boards

WORK EXPERIENCE

- Omech Components Pvt Ltd, Intern
4 month Internship
 - Reviewed manufacturing processes like annealing & pickling of stainless steel tube and pipes , slitting of stainless steel coil, Laser cutting. Etc
- Verzeo Internship Program in Hybrid and Electric Vehicle (ONLINE due to Lockdown in India-COVID)
2 month (1st May 2020 to 1st July 2020)
 - Reviewed concepts of Battery Technology, H&E vehicle systems, Control systems and made a solidworks model of Suction Casting Machine for Major project.

ADDITIONAL INFORMATION

- Worked in the brakes department in ESI BAJA 2019 and learned the working of single -piston master cylinder and brake caliper; Performed bleeding on the hydraulic brake system; Designed brake disc on SolidWorks; Manufactured brake disc using CNC Machining; Manufactured chassis using CNC Bending on Chromolite Pipes
- Modelled a simple Fire Fighting Robot using Arduino
- Designed a Knuckle Joint on SolidWorks and simulated it on Ansys for Modelling and Simulation Project

CERTIFICATIONS

- Short term course of study in SolidWorks, May 2019 from Indo German Tool Room (IGTR), Aurangabad
- Enduro Student India 2019, ATV Design competition, February 2019
- Verzeo Internship Certificate

SKILLS

- Auto CAD
- SolidWorks
- Arduino IDE
- Matlab
- Manufacturing Processes
- Power Electronics
- Turbo C++

LANGUAGES

- English
- Hindi
- Learning German (A1)



INDO GERMAN TOOL ROOM - AURANGABAD

(A Government of India Society, Ministry of MSME)



An ISO 9001:2008, ISO 29990:2010, ISO 14001:2004, BS OHSAS 18001:2007,
ISO 50001:2011 & ISO/IEC 17025:2005 CERTIFIED TOOL ROOM & TRAINING CENTRE

CERTIFICATE

This is to certify that

Mr. YASH RATHI

having successfully completed the "Short Term Course" of study in

SOLIDWORKS

during the period from 13 May 2019 to 30 May 2019

COURSE CONTENTS	COURSE DURATION
<ul style="list-style-type: none"> INTRODUCTION TO SOLIDWORKS SKETCHER WORKBENCH PART DESIGN WORKBENCH SURFACE DESIGN ASSEMBLY DESIGN WORKBENCH GENERATIVE AND INTERACTIVE DRAFTING WORKBENCH 	96 HRS.

COURSE CO-ORDINATOR

Place: Aurangabad

Dated: 30 May 2019

P-47256 / T19012812



MANAGER (CAD/CAM)

enduro. student. india



CERTIFICATE OF PARTICIPATION

This is to certify that Yash Rathi of MPSTME RACING TEAM
from MPSTME Mimims Mumbai was a Participant in Enduro Student India 2019, a design competition

for engineering students, held at NMIIET & NCER Campus, Talegaon, Pune between 15th - 19th February, 2019
The overall result of MPSTME RACING TEAM at the competition is as follows

	Design	Cost	Sales	Design Validation	Acceleration	Maneuverability	Sprint	Dirt-X	Endurance	Total Score	Penalty	Overall Score
Total Points	200	100	100	100	75	75	100	100	250	1100		1100
Scored Points	85.3	50	18.1	-	54.8	40.27	24.0	0.0	117.9	390.3	210	180.3
Rank out of 69	51	27	53	-	28	9	28	-	30			50

Soumya Kanthi Bose

Soumya Kanthi Bose
Event Manager

Somy

Somy Sridas
Cost Lead

Sujan Dinesh

Sujan Dinesh
Operations Coordinator



INTERNSHIP CERTIFICATION

This is to certify that

Yash Rathi

has successfully completed an Internship Program Hybrid & Electric Vehicle
from 1/5/2020 to 1/7/2020.

During the Internship, the student was found to be
dedicated, hardworking, and diligent.

08-09-2020

DATE

VICE PRESIDENT - HR