



Vinit V Shenvi

B.E. Honours in Mechanical Engineering

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Highly efficient when fully fueled.

EDUCATION

B.E. Honours in Mechanical Engineering

M S Ramaiah Institute of Technology, Bangalore

12/2020 - 07/2023

CGPA-8.72

Pre University in Science

Govt. H. Benne P U college, Kumta

04/2018 - 04/2020

94.66%

SSLC

Nirmala High School, Kumta

04/2017 - 04/2018

92.96%

SKILLS

Solidworks

OOP in C++

Unity Game Development

C#

Deep learning

Adobe Illustrator

Blender

Ansys

Adobe After-effects

Premiere-Pro

AutoCAD

Solid edge

Fusion 360

RD-Works

C++

Mechanical APDL

Python

PERSONAL PROJECTS

Bicycle drive train using a slotted lever mechanism. (06/2022 - 09/2022)

- Project selected at BEL for Innovation competition 2022.

Go-Kart design, model and fabrication. (11/2022 - 02/2023)

- Won 1st place at Edgeline championship 2023, Pune.

Ornithopter ("Vritra Kamikaze ornithopter"). (02/2023 - 07/2023)

- Secured 2nd place at 'Design and Innovation Clinic 2023' conducted by CMTI(Central manufacturing Technology Institute).
- Secured 1st place at National Level Project Exhibition at Inceptra 2023 at BIT, Bangalore.

A website for the Election Commission of India for increasing the number of new voters. (04/2023 - 04/2023)

- Finalist at ELECTHON Hackathon at IIIT Bangalore.

All Terrain Vehicle using customized Design and Suspensions(E-Baja) (01/2022 - 05/2022)

- Secured 2nd Place in INDIA for Mega ATV Championship 2022, GOA.

Miarm design and analysis for Dynavation Electronics PVT LTD. (01/2023 - 01/2023)

- Got an offer of 1500 units from a Singapore based company.

Automation of the Micro Needle Patch Manufacturing process. (06/2023 - 07/2023)

- Working under the guidance of Scientist-C Pradyumna at CMTI(DET project).

Pose Detection using OpenCV and Media pipe using Python. (05/2023 - 05/2023)

Microgravity simulation and experimentation using Human Lymph. (05/2023 - 07/2023)

- Applied for a conference to publish the Research.

WORK EXPERIENCE

Project Intern

3D printing laboratory at Mechanical Engineering Department, IISC

Achievements/Tasks

- Built automated guideways using microcontrollers for 6 axes molten metal 3D printing machine attachment.
- Made the design customised and attachable.

Project Intern

Aerospace Department at IISC

05/2023 - 07/2023

Achievements/Tasks

- Working on vision sensors and microgravity projects.
- Worked on image sensing and gamification models for Art Park, IISC

Design Engineer

Dynavation Electronics PVT LTD, Lakshmipura, Bangalore.

01/2023

Achievements/Tasks

- Built a MIARM(Robotic Arm) design for manufacturing purpose.
- Reduced the cost up to 70% by using the best microcontrollers.

Design Trainee

Analog and Digital Devices PVT LTD, Abbigere, Bangalore

11/2022

Achievements/Tasks

- Designed a customizable box for the water pump switch board unit.
- The box was made with very few elements.

Internship

ACE Micromatic Group(AMASL, ACE Designers, Spoorthi, Pragati Gears, and AUTO CNC)

08/2022 - 09/2022

Achievements/Tasks

- Basic CNC Programming, Laser cutting, Hobbing, and much more.
- Worked on a report from testing accuracy of a gear.

Engineering Intern

CMTI(Central Manufacturing Technological Institute)

05/2023 - 07/2023

Achievements/Tasks

- Working at SVT(Sensor Vision Technology Department) to automate the manufacturing process of Micromanufacturing.

Summer Engineering Intern

VCE(Vardhan Consulting Engineers)

05/2023 - 05/2023

Achievements/Tasks

- Electric Vehicle – Techno-Commercial Analysis.
- Completed the Techno-Commercial Analysis of Tata Nexon EV in India.

Engineering Intern

Pantech-E-Learning

Achievements/Tasks

- Completed a course on EVT and also completed the internship tasks.

CERTIFICATIONS

Interpersonal Relationship Skills Training Camp at WKC, Mangalore (11/2022)

Course on Geospatial and Archaeological studies by IIRS, Dehradun(ISRO) (04/2022)

Additive Thinking Workshop by Wipro3D (12/2022)

Hands-on Training on Python basics for AI, ITC-RIT. (09/2021)

Android Development Beginners course from Udemy (05/2021)

Internship in Electric Vehicle Technology. (06/2021)

General Management and Communication Camp at WKC, Mangalore (05/2022)

Basics of JavaScript (07/2022)

Microsoft Advanced Excel course by Pitronix Solutions. (05/2021)

POSITION OF RESPONSIBILITIES

IEEE Robo-RIT Secretary

IEEE RIT-B, MSRIT, Bangalore

01/2022 - 07/2023

Tasks/Achievements

- Been a Tech Lead and made students to learn Mechatronics related components.
- Also, have given ideas and built new projects using a student-driven team.

Finance Co-ordinator

DECA(Department of Extra-Curricular Activities), MSRIT, Bangalore.

06/2022 - 07/2023

Tasks/Achievements

- Administered Monetary Funding of the Department and enhanced savings through forecasting expenditures and fabricated budget plans.

Society of Mechanical Engineers(SME) Co-ordinator

MSRIT, Bangalore

02/2022 - 10/2023

Tasks/Achievements

- Conducted many Industrial visits and some workshops and Tech talks.

National Service Scheme Co-ordinator

MSRIT, Bangalore

01/2023 - 07/2023

Tasks/Achievements

- As a Coordinator of NSS RIT, coordinated with 1500+ students and organized the below events Health Checkup Camp, Blood Donation Camp, Special Camp, Skill development, keeping in mind the importance of giving back to society.

ACHIEVEMENTS

Secured 1st place in Division level swimming. (09/2019)

District Level Quiz Champion for consecutive two years. (04/2019 - 04/2020)

Event Coordinator in KR conducted by DECA (11/2022)

Merit and Means Scholarship by Alumni Association, MSRIT (12/2021 - 07/2023)

1st place in National Level Project Exhibition at BIT, Bangalore. (04/2023)

Honoured as college Topper for the consecutive two years. (04/2019 - 04/2020)

Secured 1st place in Karnataka VTU Bangalore Central Zone Championship. (11/2022)

3rd Place in SCAVENGE conducted by WIE (03/2021)

1st place in Buzzinga Quiz conducted by IEEE RIT-B (05/2022)