

ROHIT RAJU C

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EDUCATION

2018 - Present **UNDER-GRADUATION**

CMR Institute of technology Sri Nivasa Reddy Layout, AECS Layout,
Marathahalli, Bengaluru, Karnataka 560037, **India.**

Course: B.E Mechanical engineering

CGPA: 7.2 (out of 10).

2017 - 2018 **HIGHER SECONDARY**

*Manasarowar pushkarni vidyashrama, **India.***

Scored (70%) in Pre-University board examination

2015- 2016 **SECONDARY SCHOOLING**

*Kendriya vidhyalaya mysore, **India.***

Scored 8.0 GPA in All India Secondary School Certificate Examination (AISSCE)
conducted by Central Board of Secondary Education (CBSE).

WORK EXPERIENCE

Hindustan Machine Tools Ltd. : India

Post held: Trainee Intern

Duration: (1 month)

- Investigated on various viable solutions for in-house manufacturing methods of new technologies in the industry
- Compiled and documented various characterising techniques and testing methods to analyse various properties of raw material.
- Interacted with various professors to gain knowledge on CNC manufacturing methods and enquired with various vendors and manufacturers to plan trials, to procure various equipment and materials required for the project.

PROJECT EXPERIENCES

Project 1

Title: Fabrication of a centrifugal pump

Description: Built a prototype of a centrifugal pump to understand its working mechanism
Tools used: Impellers, Casings, Motor etc.

Learning Outcome: learnt the different applications of each of the tools used

Project 2

Title: Design and development for adjustable wash basin for handicapped

Description: disabled individuals will be able to live their lives without the need of others, at least by labour. In this study, a height adjustable washbasin was designed as a solution to minimize the difficulties caused by arrangements in the wash basin in bathrooms and toilets Learning outcome: To design and facilitate the life of each individual with physical disabilities.

SKILLS

COMPUTER SKILLS

- Python
- C and C++ programming

SOFTWARE SKILLS

- Designing and drafting in AutoCAD
- Basics of Autodesk Fusion 360, Solid Works.
- Proficient in Microsoft Office suite.
- Proficient in visual media editing software; Adobe Photoshop, Illustrator, Premiere Pro.

LANGUAGE SKILLS

- English – Professional proficiency.
- Tamil & Kannada – Native proficiency.

EXTRA CURRICULAR ACTIVITIES

- **Online Courses:** Stress Analysis (NPTEL), Autodesk Fusion360 (coursera), Python (udemy)

Certifications:

- Introduction to mechanical engineering design and manufacturing with fusion 360
- Modelling and Design for mechanical engineers with Autodesk fusion 360
- IGEN GENDISTRANCON – Panel discussion on Brown vs green power

ADDITIONAL ACTIVITIES & ACHIEVEMENTS

- Participated in KVS regionals for tennis in the year 2015-2016
- Featured as best tennis player by Mysuru tennis wing 2015
- Participated in district level athletics competition organised by Govt. of Karnataka 2017
- Participated in the inter college VTU tournament for tennis in the year 2018 and 2019