

SAGAR M

B.TECH - MECHANICAL ENGINEERING GRADUATE, 2023

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Enthusiastic Mechanical Engineering graduate with fundamental knowledge in programming(C ++/C). Naturally inclined to lead from the front. Looking forward to exciting opportunities.

EDUCATION

- B.Tech , Mechanical Engineering -
School of Engineering , Cochin University of Science and Technology (CUSAT)
GPA : 8.26 (July 2019 - May 2023)
- Class XII - 90.40 % (Computer Science , CBSE)
- Class X - CGPA 9.8 (CBSE)

TECHNICAL SKILLS

- Programming - C ++ , C , SQL
- FreeCAD -2D and 3D, FEM Analysis
- Blender 3D

ACADEMIC PROJECTS

MAIN PROJECT : OVERHAULING OF FRANCIS TURBINE

The project consisted of the disassembling, inspecting, analyzing and subsequent repair of a malfunctioning 20-year-old Francis turbine test rig in the department's laboratory. Its objective was to rectify various issues impacting both the rig's fundamental operation and efficiency. The team acquired valuable hands-on experience and had opportunities to learn from field experts.

MINI PROJECT : DESIGN AND ANALYSIS OF A DIESEL ENGINE

Familiarization, basic theoretical designing and analysis of IC engine components like piston, cylinder, crankshaft etc.

INTERNSHIP : INDUSTRIAL FAMILIARIZATION PROGRAMME AT HMT Ltd ,Kochi.

Two week programme which involved the study of the various departments like CNC Assembly and programming, NH/NL assembly, Foundry, Production planning and Quality Control and various operations like heat treatment, drilling , milling, etc.

WORKSHOPS : ENGINE ASSEMBLY BY MERCEDES BENZ - Hosted by IIT Bombay, at CUSAT.

CO-CURRICULAR ACTIVITIES

School cricket team member.

Department football team member.

Participated in singing competitions and tech fest.

LANGUAGES

English

Malayalam

Hindi

INTERESTS / HOBBIES

Singing

Football & Cricket

Gaming