



PRATHAP M

MECHANICAL ENGINEER



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Coimbatore, Tamilnadu

PROFILE

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

WORK EXPERIENCE

➤ **ISHA ENGINEERING AND CO. Coimbatore**

Production Planning

Feb 2025 – PRESENT

- Production planning control
- Planning for operation wise
- Allocate skilled man power effectively based on production need
- Purchase order to be raised on BOM
- To follow up job order material
- Maintain for store stock
- To implement for production and operation wise systematic

➤ **GEDEE WEILER Pvt Ltd. Coimbatore**

Production Planning

MAY 2023 – SEP 2024

- Plan for fluctuations and incorporate flexibility into schedule
- Allocate skilled manpower effectively based on production need
- Employ advanced planning and scheduling software to optimize process
- Maintain a robust inventory system using for **SAP software**
- Enhanced communication and collaboration

➤ **Lakshmi Machinery Works Ltd**

Production Engineer

MAY 2022 - MAY 2023

- Process optimization
- Production planning control
- Collaboration and communication
- Problem solving
- Inventory control and OE using for **ERP software**

PROJECTS UNDERTAKEN

➤ **EMISSION CONTROL OF DIESEL**

Developed and optimized emission control technologies for diesel engines to reduce pollutants like NOx and particulate matter. Designed and tested systems such as diesel particulate filters (DPFs) and selective catalytic reduction (SCR). Conducted analysis to ensure compliance with emission standards (Euro VI/Bharat Stage VI). Improved engine efficiency while minimizing environmental impact.



ETHANOL FUEL ENGINE

Designed and implemented an ethanol-based fuel engine to promote renewable energy usage and reduce carbon emissions. Analyzed engine performance with ethanol blends to enhance efficiency and minimize pollutants. Optimized fuel injection and combustion processes for improved energy output. Conducted tests to ensure compliance with emission standards and sustainable energy practices.

AWARDS AND ACHIEVEMENTS

- Represented my school at district level Hockey Tournament.
- Runner up in ANNA UNIVERSITY ZONALS LEVEL BALL BADMINTON match.
- Placed first in school zonal level Cricket Tournament.

INDUSTRIAL EXPOSURE

- Undergone a 10 day training at Endotherm fluid private limited Chennai during May 2019 which gave me good exposure on service and maintenance of various heat treatment plant.
- Attended a workshop on "Introduction To TracePro Software" conducted by RIT in virtual mode (OCT 2020).
- Attended a 6 days workshop on "Technology In House Appliances" conducted by Godrej Consumer Products Limited (GCPL) in virtual mode (OCT 2020).

AREAS OF INTEREST

- Production Planning
- Quality Checking and Research & Development
- Design and Fabrication
- Supply chain management

SOFTWARE PROFICIENCY



EDUCATION

B.E MECHANICAL ENGINEERING

2017 - 2020

Park College Of Engineering And Technology,Coimbatore

Percentage - 70%

DOTE-DIPLOMO IN MECHANICAL ENGINEERING

2015 - 2017

Sri Venkateshwara Polytechnic College,Dharmapuri.

Percentage - 75%

HIGHER SECONDARY EDUCATION

2014 - 2015

P.R.G.B.H.S.School,Krishnagiri.

Percentage - 74%

INTERPERSONAL SKILLS

- ♦ Collaboration And Teamwork
- ♦ Adaptability And Flexibility
- ♦ Time Management
- ♦ Logical Thinking
- ♦ Leadership And Mentoring

LANGUAGES

- ♦ English
- ♦ Tamil

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Place : Coimbatore