

Noufal Gafoor

M.Tech (Industrial Engg. & Management), BE. (Mechanical Engg.)

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CAREER PROFILE AND OVERVIEW

- I am a post graduate in **M.Tech Industrial Engineering and Management** along with a **Bachelors in Mechanical Engineering**.
- I currently worked as a **Graduate Mechanical Engineer in Autokast Ltd**, is one of the Leading Foundry unit in India and also worked as **Industrial Trainee/Project intern in Travancore Cochin Chemicals Ltd (TCC), Keltron Tool Room Research & Training (KELTRAC), and Fertilizers and Chemicals Travancore Ltd (FACT)**.
- I possesses strong communication skills including fluency in English (spoken and written) and able to integrate in a multidisciplinary, multicultural and multinational environment. I also has excellent interpersonal skills and working knowledge of PC software packages typically associated with the Industry.

ACADEMIC CREDENTIALS & MEMBERSHIPS

- **M.Tech. in Industrial Engineering and Management** - **2014-2016** - **First Class**
 - Mahatma Gandhi University, Kottayam, India
- **BE in Mechanical Engineering** - **2009-2013** - **First Class**
 - Anna University, Chennai, India

INDUSTRIAL EXPERIENCE

Graduate Mechanical Engineer

Autokast Ltd (Govt. of Kerala undertaken)

Responsibility

- Managing daily production reports and inventory control of Engineering Department
- Engaged in the designing of Gating system for the patterns based on castings required
- Feasibility of particular orders are evaluated and prepared feasibility report
- Analysis and study of drawings received from customers and undertaken pattern drawing comparison.
- Final Inspection of finished patterns and preparation of inspection report
- Daily analysis of casting rejections and report making
- Engaged in the preparation of process card and casting drawing
- Preparation of Daily Pouring reports, Accidental reports, shift schedules, pattern storage details.

Project Trainee / Intern

Keltron Tool Room Research & Training (KELTRAC), (Govt. of Kerala undertaken)

Learning Outcome

- Identify Material rejection rate of each years
- Identify the Issues in Demand and Supply of each years
- Analyzing the Ergonomic Status of the production Line
- Develop and Implement a new MCDM model for supplier selection
- Identify the best supplier from existing suppliers to reduce Material rejection rate
- Assist with Quality Engineer to improve the issues in Product Quality using Statistical Quality controlling (SQC) Techniques
- Assist with an Sr.Industrial Engineer in Improving the plant Layout using a Heuristic computer program

Industrial Trainee

Travancore Cochin Chemicals Ltd, (Govt. of India undertaken)

Learning Outcome

- Organizational Study (Operations and Management)
- Plant Visit (Detailed Production Process)
- Attend an Industrial Safety Program
- Interactive sessions with the Line Managers on the operations strategy
- Conduct SWOT Analysis based on previous year data's of the firm

Project Trainee / Intern

Fertilizers and Chemicals Travancore Ltd, (Govt. of India undertaken)

Learning Outcome

- Assist with a Maintenance Engineer to Monitor the conditions of Rotating Equipment's
- Assist with Conducting Inspection using Vibration analyzers
- Assist with the preparation of Weekly Maintenance reports
- Assist with the trouble shooting of Induced draught fan

TECHNICAL SKILLS / KNOWLEDGE

- AutoCAD (2D-Drafting)
- TORA (Operation Management)
- IBM-SPSS (Data Analysis)

AREA OF INTEREST

- Operations Research
- Production Planning & control
- Engineering Economics & Cost analysis
- Total Quality Management
- Materials & Supply Chain management
- Work System Design/Ergonomics Analysis
- Project Management
- Marketing & Consumer behavior

ACADEMIC PROJECT, PAPER PRESENTATION & WORKSHOP

Academic Projects

- **“Improving the Supplier Selection Methodology in Tool Manufacturing Unit”**, done for the award of M.Tech.
- **“Condition Monitoring of rotating Equipment by vibration analysis”**, done for the award of BE.

Paper Presentation and Workshop

- Paper presented on **“Improving the Supplier Selection Methodology in a Tool Manufacturing Unit”**. The same was published in **International Journal of Science Technology and Engineering Volume 3, Issue 2 August 2016**.
- Hands on Experience On **Statistical Data analysis (SPSS)** during 2016 June 24-26 at Tropical Institute of Ecological Science Campus, Kottayam
- Completed **“Diploma in Computer Application Course”** conducted by the academic council of **SITECH**

I do here by declare that the above information furnished by me true and correct to the best of my knowledge.

Yours Sincerely

Noufal Gafoor

NB: Reference's available upon request.