

Kumer Debashis Ray

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PROFESSIONAL SUMMARY

As a Graduate Engineer Trainee in Industrial engineering department at Tex fasteners co. ltd, I had successfully exercised my On job training period from September 2019 to October 2020. In duration of my working session I was responsible for IE activities in Dyeing, Painting, Plastic & Factory Maintenance and Assembly areas. As an Industrial Engineer, i measured manufacturing KPI's such as Machine Utilization, Manpower Efficiency, Productivity, Rejection, Rework, 5S, Kaizen etc of mentioned areas.

As a student of Lovely Professional University, I had significant background in mechanical engineering. As a mechanical major, I held multiple internship's at Automation systems, Society of hydraulic association, Bangladesh industrial technical assistance center and so on. We were awarded by AMT moto crop for two several categories of E-bike manufacturing competition.

SKILLS

- * Manufacturing
- * Maintenance
- * Public speaking
- * Automobile engineering
- * Solid works, Creo parametric
- * 5M, 3M, KPI-Visualization,
- * Capacity study, Motion study, Time study
- * Root cause analysis
- * Microsoft word, excel, power point

WORK EXPERIENCE

Industrial Engineer (Pre-Graduate Intern)

September 2019 to October 2020

Process Improvement (Graduate Engineer Trainee)

May 2021 To Present

Tex Fasteners|AEPZ|, Narayanganj, Bangladesh.

- Completed spare parts inventory and tried to apply kanban work with little oversight.
- Managed files and continuously updated and organized records.
- Monitored manufacturing operations to spot and correct problems early.
- Collaborated with team members to meet daily demands and handle challenging projects.
- Trained new team member in data entry, keep update in files and ways to exceed performance expectations.
- Supported team with expert intellectual technical knowledge and free hand manufacturing works.
- Troubleshoot problems and developed successful solutions.
- Doing 5S Audit and trying to find out quality issues.
- Working in Assembly line Balancing, efficiency measuring and section shifting.
- Working to make strategy of Lean manufacturing.
- Continuously working for Kaizen ideas and executing them.

EDUCATION

B.Tech in Mechanical Engineering
Lovely Professional University, Jalandhar, India

August 2020

Diploma in Mechanical Engineering
Bogra Polytechnic Institute, Bogra, Bangladesh

October 2016

LANGUAGE

- English
- Bangla
- Hindi

AWARD

1st position for Lightest weight vehicle by AMT MOTO crop
1st position for Best Auto Cross by AMT MOTO crop

January 2019

January 2019

PROJECTS

Tex Fasteners Ltd

November 2019-December 2019

- Central Maintenance Area 5S: The project was to organize the maintenance area and proper 5S practice. During this period, space saved by 28.6 square feet for plastic unit by shorting unnecessary things, maintenance working table design & modifying, working place specified by floor marking, increased material keeping capacity into rack around 30%, it saves 50% finding time of electrical spares items, increased working ergonomics, inventory done & tried for Kanban for fast moving items.

AMT Moto Crop, Electric Bike challenge

August 2018-January 2019

- Electric Bike: The project was to develop two wheelers electric vehicle, that was light weighted mountain bike. The bike was inspired from KTM duke, the fields of design, calculation, material handling, manufacturing, financial & marketing were studied. The working of the bike was checked in the end.

REFERENCE:

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