

### Objective

To contribute in an operational excellence position that will utilize my problem solving skills to reduce OPEX, increase sales and ensure repeat business.

### Experience & Profile

Almost 2 years in Process Improvement (Lean Six Sigma)

### Education and Certification

#### Rochester Institute of Technology, Rochester, NY ,US

Master of Engineering in Industrial Engineering (Lean Manufacturing)

#### Fr. Conceicao Rodrigues College of Engineering, Mumbai, India

Bachelor of Engineering in Production Engineering

#### Institute of Industrial Engineers, Atlanta, GA, US

Six Sigma Green Belt

### Skills

MS Word, MS Excel, MS PowerPoint, MS Project, MS Visio, Lotus Notes 8.5.2,  
Project Management, Working knowledge of SPC, ISO 14001, OHSAS 18001,  
**Can work independently or in a team**

### Professional Accomplishments

RAYCHEMRPG (P) LTD.

Chakan (Pune),India

**Post Graduate Engineering Trainee  
Corporate Operations**

Sep' 10 – Present

- Currently working on creating a manufacturing strategy template for New Product Introduction.
- Currently working on yield improvement.
  - **Tools used:** Value Stream Mapping, Affinity Diagram, Pugh Matrix.
  - **Results:** **3% improvement** at final testing.
- Worked on **productivity improvement** through the **elimination of wasteful motion.**
  - **Tools used :** Quick and Easy Kaizens, Principles of Ergonomics (in tool design), Time and Motion Study, Workstation Design, Visual management of 5S
  - **Results:**
    - 1) Designed a shadow board for tool storage. Trial implementation of shadow board on the workstation saved about **90 minutes/shift.**
    - 2) Trial implementation of Visual management in the accessory rack saved **30 minutes/visit/operator** to retrieve necessary accessories.
    - 3) Designed a tool using ergonomic principles and supervised its fabrication. Trial runs indicated a reduction in the operating time of about **7 minutes/job** and made it easier on the operator's wrist.

### Professional Accomplishments (contd.)

- Mapped the value stream of the production process to locate waste, plan and implement countermeasures for its elimination.
  - **Tools used** : Value Stream Mapping, VA/NVA analysis, Time Study, Direct Discussions and Interviews, Countermeasure Matrix, PDPC
  - **Prospective Results:** Total Time savings of **about 1500 minutes (25 hours)** in one complete manufacturing cycle.
- Created a **training module** to introduce and teach the process improvement approach to existing employees and new recruits.
- Led a CFT to reduce the processing time of Bank Guarantees.
  - **Tools Used** : Process Mapping, Data Collection and Analysis, SIPOC, Countermeasure Matrix
  - **Results:** 50% reduction in the processing time.
- Led a Cross Functional Team (CFT) to reduce the lead time from the receipt of the customer order to sales order generation process and receipt of the customer order to the design release process.
  - **Tools used** : Workflow Analysis, Value Stream Mapping, Data Collection and Analysis, Ishikawa diagram, 5 Whys, Countermeasure Matrix, PFMEA
  - **Results:** 1) **8.3 % reduction in processing time** in customer order receipt to sales order generation process.  
2) **17% reduction in processing time** in the design release process.

### Project Work

COMPLEMAR PARTNERS  
Lean Facilitator

Rochester, NY  
Dec'08 – Feb'09

- Worked in a team to improve material and people flow.
  - **Tools Used:** 5S, Plant Layout, Visual Management
  - **Results:** 1) Projected savings were **\$40,000 per year**.  
2) Improved space utilization by about **25%**.

### Event Organising

- Member of the Organising Committee of the intra company Cross Functional Team (CFT) competition named "Adhyayan 2011".
- Created slogans for the event's e-campaign.