**Mahesh S. Kale** (*Mob: +91- 7767046644* Email: maheshkale3103@gmail.com)

Seeking a challenging and rewarding opportunity in a Manufacturing organization of repute which recognize and utilize my true potential while nurturing my manufacturing engineering and management skills as domain expert in manufacturing domain.

Profile

* Qualified Industrial Engineer from University of Nagpur and MSc in Manufacturing & Management from University of Bradford (UK).
* Knowledge of Advance Manufacturing Technology, Manufacturing Planning and control, Supply Chain Management, Risk Management.
* In-depth Study and implementation of various performance enhancing techniques like SMED, Mistake proofing, TPM, Kanban system, 6 sigma, JIT, 5S and other relevant tools.
* Comprehensive understanding of software's like Creo (PTC Certification), AutoCAD (Autodesk Certification), MSP (Microsoft Projects), Ansys Workbench Etc.

Education Credentials

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Examination** | **Department** | **University** | **Year** | **Percentage** | **Degree Awarded** |
| MSc [Master of science] | Manufacturing & Management | University of Bradford [UK] | July 2015 | 71% | Merit |
| Bachelor of Engineering | Industrial Engineering | Nagpur University | 2012 | 62% | First Class |
| Diploma/ Polytechnic | Mechanical Engineering | M.S.B.T.E Mumbai University | 2009 | 75% | Distinction |

Professional Experience

***Senior Executive (Industrial Engineer)***  ***Jain Irrigation System LTD. [April 2016 - April 2017]***

**Project 1 - [SMED]**

* Implementation of **{Single Minute Exchange of Dies}** for PVC Pipe plant.
* **Output** - Successful implementation of SMED for smaller sizes, where as for the bigger sizes the time to change the Die head assembly was significantly reduced by 40 - 48%.

**Project 2 - [Line Balancing]**

* Reducing the **Manpower** & Improving **Labor Efficiency**/**Labor Utilization** for Drip line plant.
* **Output** - Improved labor efficiency by 44.8% & total reduction in manpower by 51% approx.

**Project 3 - [5S]**

* Implementing "**5S**" for the PVC Sheet plant.
* **Output** - Cleaner and safer work areas, Less wasted time through more workplace organization, Heightened safety, Increased workplace moral, Improved culture etc.

**Project 4 - [Designing Plant Layouts on Auto-CAD]**

* Making necessary design changes to the existing layout of the plant.
* Working along with Civil Engineers & Architectures to develop new plant layouts.

***Executive (Design - Engineer) Cadd Centre Training Services PVT LTD.*** ***[July 2012 - Dec 2013]***

**Job Description -**

* Training the customers on respective branch software (Mechanical /Civil)
* Develop customize training contract for businesses and industry clients
* Providing demo for the customers and further handling their related queries
* Coordinate and collaborate with other instructors for completing projects
* Conduct seminars and workshops in colleges as per the requirement of the centre management.

***Part Time (Shift Leader) Tesco - One Stop Shop [Bradford, Bolton Lane UK]*** ***(Feb 2014 - Dec 2014)***

**Job Description -**

* Be Updated and knowledgeable about our products and services
* Help the staff at the counter if there is a rush
* Monitoring the warehouse, checkouts and the shop floor
* Various in - store tasks, such as filling the shelves with stock, Merchandizing them etc

Technical Skills

* Manufacturing Simulation - **Arena Simulation** software student editions.
* Modeling & Designing - **Creo 3.0** (PTC Certified ), **AutoCAD 2012** (Autodesk Certified)
* Advance Engineering Simulation - **Ansys Workbench**
* Programming Software IT - **C & C++** Programming, SOL and Oracle basics.
* Automation - **PLC & SCADA** (Prolific System Limited).
* Planning & Scheduling software - **Microsoft Projects** (MSP).
* Certificate Course - Post Graduate Diploma In Advance Mechanical System **[PGDBMS]** - Specializations - Instrumentation, Industrial Pumping system, Hydraulic and Pneumatic system, Industrial compressor system, Industrial Fans and Blowers, Alignment of Shafts, Industrial DG sets, Gear boxes & Bearings.

Activities and Achievements

* Stood 11th in State level project competition. (Tech micro 2009)
* 7th Rank in Workshop on Aptitude development for diploma students ( 2008)
* Elected as executive assistant for the year 2011 and 2012 to conduct the event of Indian Institution of Industrial Engineering (IIIE)
* Head of registration committee , for Silver Jubilee Celebration (2010)

References

1. Mr. J. E. Munive Hernandez (Senior Lecturer), School of Mechanical Engineering, University of Bradford, Bradford, BD7 1DP, E-mail: [J.E.Munive@bradford.ac.uk](mailto:J.E.Munive@bradford.ac.uk), Tel: 01274-233710.