**Resume**

### Mr. Hrishikesh A. Pallewar Email id : [hrishikeshpallewar@gmail.com](mailto:hrishikeshpallewar@gmail.com)

### Carrier objective

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals

### SYNOPSIS:-

* **Total experience of 4+ years in industrial engineering.**
* Done Industrial Engineering Assignments in various industries like Machine shop, Assembly shop, casting Process, retail outlet and stores.
* In depth Experience in the industrial Engineering applications like work study, Method Study, Layout study, time study Capacity planning, VSM, 5S, material handling, simulation, Inventory management product animation.
* Expertise in Productivity Improvement of various departments through Industrial Engineering tools.
* Excellent problem solving skills with a strong technical background and good interpersonal skills
* My strengths include good communication, quick learning and I am excellent team leader.

### TECHNICAL SKILLS:

1. MOST (MDAT)
2. SAP PP (End user)
3. WITNESS simulation software.
4. Teamcenter VisMockup
5. Factory cad
6. Seemage.
7. MOP (Measure of Performance)
8. Auto CAD, and Microsoft office.
9. Load Analysis.
10. PDMS (Process Data Management System)
11. W planner.
12. Auto Routing.

### Certifications:-

* Certified **“Basic MOST Applicator” By H.B. Maynard Inc. USA(NOW ACCENTURE)**
* Certified “**MINI MOST Applicator” By H.B. Maynard Inc. USA(NOW ACCENTURE)**

### ACADEMIC DETAILS:-

Completed **B.E. in Mechanical Engineering with Distinction** from Solapur University, in 2008.

### WORK PROFILE

1. **Shree Precoated Steel Ltd (July2008-July2009)**

Worked in Shree Precoated Steel Ltd as Graduate trainee engineer in CRM department.

1. **Unique MOST Applications and Solutions (July2010-31may2012)**

Organization provides MOST services to Industries of various sectors like Process, Manufacturing and retail.

UMAS is a consultancy firm affiliated to H.B. Maynard Co., USA which is now part of Accenture Consulting & has Domain expertise in Work Measurement using MOST (Maynard Operation Sequence Technique) & Productivity Improvement.

1. **Infosys (June2012-Till date)**

Working for client John Deere. For creating assembly sequence, assigning part to tasks with help of w planner. For creating part routing in SAP. Creating **OMS** (Operation Method Sheet) for ease of assembling for workers. Sequence of event creation. Working on Auto cad for layout and objects creation. Creation of shop floor animation in seemage software.

### Designation: Industrial Engineer

### Job Profile:

* **Work Measurement:** Work Measurement using MOST Technique. Calculate Product wise Cycle Time (CT) & Work Content (CW) for all operation
* **Process Mapping:** Process Mapping is most important in work measurement. Process Mapping includes preparation of process sheets, Process flow charts (PFC, Control Plans (CP), FMEA, and SOP.
* **Measure of Performance:** Monitor daily MOP (Measure of performance) of workforce. MOP is nothing but to find out much individual operator worked per shift (in Mins)
* **Line Balancing (Assembly and machine shop) :** Line considers the Man machine charts and Multi machining in case of machine shop and equal distribution of work in case of assembly area.
* **Auto Routing:** We can automatically generate entire part routing in very short time.
* **5S:** 5S Philosophy focuses on effective work place organization, simplifies work environment, reduces waste while improving quality and safety.
* **Capacity Planning:** Capacity planning in industries areas for planning the production.
* **Load Analysis** : Calculation of the work load & criticality for various work station

### Projects & Assignments:

### Current Project -: John Deere

* + Worked on factory cad for creating factory layout for John deere client.
  + Worked for modeling of XML objects with factory cad.
  + Created 3D factory layout with factory cad.
  + Analysis and configuration of Master Data including Material Master, Work Centers, BOM, Routing.
  + Creating SOE(Sequence of events)
  + Worked seemage software for animation.

### Project 1: Tacho-Mann

* + Work content calculation with the help of basic MOST
  + Removing non value added activities.

### Project 2: Whirlpool Refrigerator, Faridabad

* + Applying MINI MOST for Work Content Calculations
  + Balancing the mixed product line from production 1800 no to 2100 no with same man force.
  + Eliminating the bending movement of operator.
  + Balancing the mix product line for 2400 nos.

### Project 3: Sunbeam Auto pvt Ltd

* + Work Content (time and motion) Calculations for GDC (gravity die casting) department with the help of basic most.
  + Multi machining for molding line & manpower calculation for same
  + Layout preparation & improvement in existing layout, by eliminating back flow and repeated handling of product.
  + Determining the flow of material within entire shop by preparing process flow charts for products.

### Project 4: Kirloskar Brothers Limited Pump, kirloskar vadi

* + Applying BASIC MOST for Work Content Calculations
  + Work Content calculation & Manpower balancing with MOST for assembly line & machine shop.
  + Creating routing of product for its variety from some master routing with help of Auto routing tool.
  + Measure of Performance Implementation in Plant.

### Project 5: Indians Smelting & Refining, Sanaswadi, Pune.

* + Manpower Assessment/Utilization as per MOST by Line Balancing for existing line.
  + Cycle time calculations and Manpower estimation for future line from current line work studies.

### Project 6: Alfa laval , Kasarwadi

* + Applying BASIC MOST for Work Content Calculations.
  + Calculation cycle time for machine shop.
  + Improvements in layout of machine shop for minimum travel of resources.
  + Multi machining balancing for machine shop.

### Project 7: Domino’s Kothrud:-

* + Applying MINI MOST for Work Content Calculations.
  + Calculation cycle time for different pizzas and balancing for peak time
  + Process improvements to reduce cycle time.
  + Improvements in bin layout for ease of working.
  + Layout optimization for reduce the material flow and reduce back flow of material.

### Project 8: Sonalika Tractors hoshiyarpur

* + Calculation of cycle time and identifying bottleneck operation reduction of cycle time on bottleneck machine.
  + Total capacity utilization by working on bottleneck machines for complete shift hence increasing the production of line from 72 pcs /shift to 90 pcs /shift for differential line.
  + Implement stagger lunch.
  + Multi-machining balancing and implementation for machine shop.
  + Created discrete event simulation for machine shop line with help of Witness tool.
  + Developing multiple production scenarios and analyze them for bottlenecks, efficiency and throughput.
  + Estimation of machines required for future expansion.

### Project 9-: Hindustan Motors Chennai

* + Manpower calculation for current production for assembly line.
  + Study of all indirect manpower.
  + Productivity improvement by line balancing.

### PERSONAL PROFILE:-

**Date of Birth** : 20TH NOV 1986

**Gender** : Male

**Marital status** : Single

**Passport no** : K4103639

**DECLARATION:-**

I HERE BY DECLARE THAT THE ABOVE MENTIONED PARTICULARS ARE TRUST TO MY KNOWLEDGE & BELIFE.

PLACE: - PUNE

Hrushikesh Pallewar