

Shivam Mahendra Shukla

Mechanical Engineering - Design Engineering.

B.E. Mechanical

MBA Operations

Career Objective

My objective is to attain a challenging position in a well-known organization which can further enhance my learnings, knowledge Skills. To add value / success to the overall growth of the company.

Core Competencies

Project Management	Production Planning	Supply Chain Management
Design Engineering	Expediting	Proficient in AutoCAD
Proficient in Solid Modelling	Ansys Simulation	Research & Development

Education

- M.E. (Mechanical Engineering-Design Engineering) Maharashtra (2016-2018) - 71.40%.
- MBA Operations Mumbai University, Maharashtra (2011-2013) - 74.77%
- B.E. (Mechanical) Pune University, Maharashtra (2007-2010) - 60.96%
- 12th Science (HSC) – 80.33%
- 10th SSC – 79.33%

Profile Summary ; Total 10 yrs. of Experience.

Expertise in developing Engineering standards related to designing/modeling of products, preparing customized and proprietary procedures to automate the design and development cycle. Experience in gathering requirements, suggesting new ideas and preparing project proposals / technical specifications for smooth execution of projects within the time and cost parameters. Knowledge of understanding EPC/LSTK projects with site exposure, which includes procurement, co-ordination, Project progress updating.

Thesis

M.Tech.: Design & Analysis of Pressure Vessel Reactor-Agitator Blade for Variable Loads

B.E.: Design & Fabrication of Vacuum Table for Steam Ironing Using Solar Sheffler Dish." Designed & Fabricated the vacuum table for steam ironing & also performed the experiment using Solar Sheffler Dish for steam generation.

Research Publications

- Detection of Failure mode of Pressure Vessel Agitator due to variable loads, International Journal of Engineering Development and Research (IJEDR), Volume 6, Issue 1, January 2018, ISSN-2321-9939.
- Design & Analysis of Pressure Vessel Reactor-Agitator Blade for Variable Loads, International Research & Technology, Volume 8, Issue Journal of Engineering 4, April 2019.
- Experimental and numerical Comparison of traditional spring DVA and shape memory alloy actuated DVA for fixed beam vibration control, International Conference on Material and Mechanical Engineering, (ICMME 2022), GLA University of Mathura held on 7th -8 th October 2022, <https://doi.org/10.1016/j.matpr.2023.02.173>, published in Elsevier.

Work Experience

- **Company Name: KLT Automotive and Tubular Products Ltd.**
- Designation: Production Engineer
- About Company: - KLT Automotive and Tubular products Ltd is one of the well-known company for Developing and manufacturing Chassis and Chassis components for well-known companies like TATA motors, Mahindra & Mahindra, General motors, Daimler India Commercial Vehicles Pvt Ltd. etc. and also producing precision pipes. (Jul'2010 - Sept.2011)

Responsibilities:

- ✓ Preparation of Monthly Production Plan as per the customer schedule.
- ✓ Planning Incharge for ensuring labor productivity/Contractors and timing completion of activities
- ✓ Handling civil, structural, equipment and commissioning planning and contract management
- ✓ Review vendor's performance periodically and evolved vendor development system.
- ✓ Estimation for raw material required to achieve the production targets.
- ✓ Preparing & Maintaining Tool Life monitoring charts.
- ✓ Co-ordinated with vendors on continuous quality improvement
- ✓ Reconciling materials & resources and erection protocols report.
- ✓ Co-ordination with inter-department for better co-ordination.

Summer Internship Project: MMS(Operations)

- Company Name: Rinfra DTSP
- Title: "Reduction In Boiler Losses By Improving Thermal Insulation"
Description: Worked as an Intern in the Operation Department & completed the Live Project by carrying out the thermal insulation survey of boiler to reduce the boiler losses by improving thermal insulation. (May 2012-June 2012).

Work Experience

Institute Name:

St. John College of Engineering & Management, Palghar Maharashtra.

Designation: Lecturer

Duration: July 2013 – June 2016.

Institute Name:

Universal College of Engineering, Kaman Road , Palghar, Maharashtra-

Designation: Assistant HOD.

Duration : July 2016 – Present.

Short Term Training Program:

- Training on Engineering Mechanics & Fluid Mechanics, respectively conducted by IIT Mumbai & IIT Kharagpur, at Theems College of Engineering, Boisar in 2015.
- Training on Ansys Software, conducted by PETI, Mumbai at St. John College of Engineering & Management, Palghar, 2016.
- AICTE Sponsored QIP Short Term Course on ' Analysis of Modern Manufacturing Processes' conducted by IIT Bombay during July 8-12,2019
- AICTE Sponsored QIP Short Term Course on 'FEM Simulations in Metal forming: Formulation and Practical Implementation' conducted by IIT Bombay during December 9-13,2019.

Extra-Curricular Activities:

- Worked as a member of invitation & logistics committee for Laghuswapna (SME Event) Volley ball & Tug of War Winner in Intra MMS Sports
- Inter University Soft ball & Baseball selection.
- Baseball Winner at both (summit & Zest) Inter-Engineering National level sports event 2008-09 with the awards of Best Player & Best Pitcher of the tournament respectively.
- Under 16 & 17 Mumbai Cricket Association (MCA)selection. Inter-collegiate cricket team selection.
- 2nd Position in Dr. H.D. Kanga League affiliated to Mumbai Cricket Association for F Division in 2019.

Personal Details

Date of Birth: 26th September 1987

Languages Known: English, Hindi, Marathi

Address:

1202, 12th Floor, A Wing, Shree Yashwant Empire
Co-op Hsg Society Ltd., Yashwant Viva
Township, Nallasopara(East),
Palghar District -401209

Passport Details:

Z3890789 valid up to 04/9/2026

Notice Period – 30 days.

Location – No Issue

