

AYUSH NAWAL

25 , MALE , INDIAN

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I am a Mechanical Engineer with an experience of 4+ Years in Projects execution, Plant Maintenance, Project Management and in driving Operational Excellence. Currently I have been handling a role of Projects Engineer at Asian Paints Ankleshwar Plant.

Education

Degree	Year	Institute	Performance
B.E (Mechanical)	2013-2017	SGSITS, Indore	8.08/10
Class XII	2012-2013	National Public School, Indore	90.2%
Class X	2010-2011	National Public School, Indore	9.4/10

Academic Achievements

- Secured All India Rank 7713 in the IIT-JEE Advance with a percentile greater than 95%.
- Recipient of the CENTRAL SECTOR SCHOLARSHIP 2013.
- Secured All India 1st Position in Effective Cost & Overall 11th position in SUPRA SAE INDIA 2015
- held at MADRAS MOTOR RACE, CHENNAI.

Professional Experience

- **Senior Officer -Plant Engineering (Projects) Asian Paints (Ankleshwar)** June-2017-Till date
 - Involved with Plant maintenance and Plant capex at various locations across India, Work profile included Capex planning ,Material procurement, maintenance, ISO systems Impelmentation , Implementation of safety systems .
 - Gained experience on various aspects Engineering Departments look into such as Maintenance (Preventive and Predictive), Asset Care Management, Utilities etc.
 - Handling reactors, blenders and thermo packs and its maintenance as an engineer of Resin block with production capacity of 10MT/annum
 - Led cross functional teams of blue collar employees, engineers and managers in distribution, logistics and safety.
 - Hands on Experience on Tools Such as SAP MM, ERP, MDG etc.
 - Currently Handling the Role for Projects engineer for Asian Paints Ankleshwar facility. In the current role, I am responsible for all project activity related to Mechanical, Civil, Electrical, Instrumentation, Statutory and Liasoning. Also Looking after the role for the Safety Coordinator for the Engineering Department and Have Successfully Implemented BSC inside the Plant ensuring that the safety Standards of Highest Quality. Apart from this Domain I handle the following job responsibilities.
 - Floating of tenders to the vendors. Ensuring end to end closure of Technical and Commercial Negotiations for finalizing the vendors and Material procurement.
 - Ensuring the verification of Quality standards to be maintained for the Project.
 - Responsible for designing, tendering, procurement, Project planning in terms of installation and commissioning.
 - Liasoning with the statutory authority for approvals.
 - Review and monitoring the project for cost, schedule and other critical parameters.
 - Designing of the system, Creation of P&ID
 - Coordinating with the other team such as Electrical, Civil and Instrumentation and functions such as consultant for effective completion of the work
 - Creation of SOP for the usage of the equipment's.
 - Have gained skills in improving systems and processes through various Operational Excellence tools and methodologies.
- **Major Projects :-**
 - Completed the Setup of fully Automated DM Water Plant-75M3 OBR for the Sanitizer Block at Ankleshwar Plant for Asian Paints Plant.-Total Project Cost-90 lakhs
 - Took up a project of Reduction in Man Machine Interaction inside the plant premises. The Project was worth 64 Lakhs Cost. Completed the same within defined Timelines. Ensured the Successful installation of a 60 Ton Pit based weigh scale.

- Took up a Project for setting up a New Cooling tower of Capacity 150 TR and 0.75 effectiveness (Type - Counter Flow Cooling Tower) - Total Project Cost 8 lakhs which involved each aspect right from the Procurement Stage till the Erection of Cooling tower .
- Currently looking after infrastructure up gradation and New Product Introduction Projects for Complete Plant. Complete projects cost worth 5CR+

Academic Projects

- **Major Project - Micro Air vehicle (Flapping wing mechanism)** **-M.L Jain(Professor-SGSITS)**
 - Led a Team of 5 people and studied the basics of Micro Air Vehicles
 - We successfully fabricated one of its working model and carried out it detailed study
 - Did the position, velocity and Acceleration Analysis of the Same and Verified it with the standard results.
- **Minor Project-Box Transport Mechanism** **-R.K Porwal(Ass. Professor-SGSITS)**
 - In this project, we designed and fabricated a working model based upon the principal of transport mechanism used in various Industries
 - The project involved analyzing the position, velocity and acceleration of the links and selection of an appropriate motor used to drive the mechanism.
- **Major Training-VE Commercial vehicles Limited , Pithampur**
 - Worked in the Paint Shop, took a understanding over the various operations performed there such as Pretreatment process, CED, Robotic painting etc., Verified the ISO-TS Standards followed in the Shop and suggested the variations observed between the actual and the standard ones.
 - Proposed and implemented a Modular JIG Design for the painting of the Corner Panel of Pro (Condour 2.3 day/sleeper) model. The corner panel which was initially manually painted could now be easily painted by the help of Robotic Profiling.
- **SUPRA SAE INDIA-Team GSRACERS Formula Segment**
 - Competition Overview: 100 teams around India compete in a National level Formula car design competition. We participated in a team of 25members.
 - The event was held between 18 July 2015 to 23 July 2015 at Madras Motorsports Race Track, Chennai.
 - The project involved designing, simulating and validating a prototype Formula Student vehicle on software and then manufacturing and testing its functionality and efficiency in a race at Madras Motorsports Club, Chennai, India.

Platforms Worked

- Operating Systems : Windows, Linux.
- Software Skills : 1).Proficient in Business Analytical tools Such as Tableau, Power BI, MS Excel.
2).CAD and Analysis Software's Such as Pro-E, Creo, Ansys 14.5, Autocad, Sketchup .
3).Platforms Worked on:- SAP MDG, SAP MM, MS Office , Primavera P6.

Skills

- Project management
- Strong decision maker
- Complex problem solver
- Good Analytical Skills
- Stakeholder Management
- Service-focused

Certifications

- 1.**Six Sigma –Green Belt**- Issued by Linkedin - April 2020-No expiration
- 2.**Supply Chain Foundations** – Issued By NASBA - May 2020 - No Expiration