**Career Summary**

* 9 + years of experience in Project Management, Reliability Maintenance, Operation Management, Operation Excellence & System Implementation in Manufacturing Industry
* Expertise in team management, vendor development & management, stakeholder management, Planning & Scheduling, Preventive & Predictive maintenance
* Proficient in conducting FMEA, Condition Appraisal, Root Cause Analysis and crisis management
* Created impacts including plant availability improvement, Asset Optimization score improvement, Safety score improvement, SAP implementation for mechanical maintenance process
* Awarded best team by CEO for ensuring highest production in a month

***2010–19***

***Reliability Maintenance Engineer (Vedanta Limited, Jharsuguda)***

**9 Years 5 Months**

**Professional Experience**

# Project Management & Operation Excellence

* Led a team of 20 comprising of specialists in various project like, Electrical heater revamping, GAP 4 recommissioning and several improvement projects.
* Led maintenance and equipment reliability of a critical Green Anode Plant contributing INR 45 Crores to the revenue of that plant; responsible for production, safety, availability and cost
* Increased equipment availability by 20% (to 95+%) resulting in increased revenue by INR 12 Crores by implementing reliability centred maintenance
	+ Led a team of 20 comprising of specialists to manage improvement projects and maintenance activities
	+ Reduced breakdown of 12 critical equipment’s by conducting criticality analysis, risk assessment, failure mode effect analysis & root cause analysis
	+ Increased availability of critical equipment by 35% by fully implementation of action plan of Condition Based Monitoring (CBM)
	+ Prepared plan to achieve 95% of availability by analysing MTBF and MTTR of all critical equipment’s
* Improved Asset Optimisation Audit score from “Basic” to” Advanced” in the external Asset Optimization Audit
	+ Improved maintenance KPIs and ensured proper documentation for all the activities
	+ Led the department in multiple audits for 5S conducted every year by QCFI
* Ensured availability of spares and services for critical equipment’s by managing local & global vendors
	+ Managed 30+ global & local vendors for spare parts and services
	+ Developed 10+ local vendors for critical spare parts ensuring 33% lower cost and 50% faster delivery
* Won Excellence Award at National convention on Quality Concepts, a national level competition organized by QCFI

# Operation Planning & System Development

* Prepared SMP’s & SOP’s for major equipment’s operations and trained over 100 subordinates on the same
* Improved hazard & risk rating by 40% by closing the Pre-Start-up Safety Review (PSSR) audit points
* Helped SAP implementation for maintenance process; Represented planning & maintenance department
	+ Created master data including PM schedule, Equipment bill of material, task list, daily checklist
	+ Developed expertise in material master module in SAP ad trained employees on SAP adoption
* Improved safety by implementing system driven work permit system and mechanical isolation system (Lock Out Tag Out & Verification process)
* Ensured system driven planning, execution, reporting & analysis process in SAP with the help ofteam
	+ Managed Bills of Materials, scheduling of preventive maintenance, Equipment breakdownhistory
	+ Condition-based monitoring scheduling & planned action tracking, Shutdown & overhauling Scheduling

 **Education**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Institute** | **Year** | **Remarks** |
| PGPEx | IIM Shillong | 2020-21 |  |
| B. Tech., Mechanical Engineering | KIIT University, Bhubaneswar | 2006-2010 | CGPA - 9.52/10, 2nd/82 rank in mechanical stream |

 **Academic Projects**

* **Market Research – “MUSE ME”**
	+ Researched and analyzed marketing strategies for a new local job search idea/product “MUSE ME”.
	+ Identified the changing marketing scenario and techniques adopted to sustain the change.
	+ Formulated marketing strategy based on a small-scale survey.

 **Extra-Curricular**

* Elected member (representing 26 students) of Cultural, Sports and Hostel committee at IIM Shillong
* Engaged in various CSR activities of Vedanta Limited
* Volunteer participated in college level competition
* Got the best safety icon award twice from plant head