

**TECHNICAL LEAD – INTEGRATED ASSET MANAGEMENT**

LinkedIn: [linkedin.com/in/nandhakumar-p-2337837a](https://www.linkedin.com/in/nandhakumar-p-2337837a)

Contact: +91-9042295410

E-Mail: [nandhakumarbeeie@gmail.com](mailto:nandhakumarbeeie@gmail.com)

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***Career Objective***

To obtain a position that will enable me to use my strong organizational skills, educational background and ability to work well among people.

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***Précis***

- Ambitious and committed to excellence with problem solving and reliability centred maintenance.
- Team player with strong organizational, analytical abilities and adherence to work ethics. Excellent interpersonal and communication skills, and the ability to motivate peers.
- Completed “Knowledge development program” conducted by Chem skill development centre.
- ISO Auditor training completed.
- Spot award and customer appreciation award for excellence in leading the team and complete on time.

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***Achievements and Skills at work***

- Successfully led and guided teams in Criticality Assessment (ECA) and developing Equipment Strategies (ES), PM Optimization and Reliability Centered Maintenance (RCM) for upstream production assets in brownfield and greenfield projects.
- Spearheaded asset categorization and criticality assessment initiatives, collaborating with cross-functional teams for comprehensive evaluations and ensuring alignment with organizational goals.
- Identified and implemented maintenance strategies for various assets, ensuring optimal performance, reliability, and compliance with industry standards.
- Applied RCM strategies to selected assets, significantly enhancing its reliability and operational efficiency.
- Conducted Failure Modes and Effects Analysis (FMEA) to develop robust maintenance strategies and performed Root Cause Analysis (RCA) using methods like 5-Why and Why, Tree Analysis to address reliability incidents and prevent recurrence.
- Implemented value-added preventive maintenance tasks and contributed to comprehensive risk management plans to mitigate both reliability and non-reliability related risks.
- Conducted instrument condition monitoring to ensure optimal performance and early detection of potential issues, enhancing overall reliability and efficiency.
- Provided technical support to production and maintenance teams, maintaining thorough documentation for ISO 9001, ISO 14001, ISO 45001 & BSC audits, and serving as a certified ISO auditor.
- Hands-on experience in calibrating and troubleshooting a wide range of field instruments, including transmitters, flow meters, weigh scales, automatic bagging machines, switches, valves, fire and gas detectors, and analyzers.
- Implemented the 5S system and reviewed maintenance breakdowns of critical equipment, ensuring a clean, efficient, and safe work environment.
- Proficient in Distributed Control Systems (DCS) and Programmable Logic Controllers (PLC) instrumentation, including calibration, preventive and corrective maintenance, and execution of shutdown activities.
- Developed safety operating procedures and work instructions, creating methodologies for risk-based maintenance procedures, asset register build-up, and critical run strategy.
- Provided subject area expertise related to instrumented protective systems, supporting region squads and solutions program activities, and delivering work for the Functional Safety Program and region work scopes.

- Conducted self-verification of owned engineered barriers and performance standards, ensuring alignment with technical intent and regulatory requirements.
- Performed reliability analysis for instrument, control, and electrical equipment using surveillance, maintenance, and condition monitoring data, and trended performance metrics to drive continuous improvement.
- Supported global central programs and pivotal initiatives for instrument and protective systems engineering, participating in development and implementation of digital solutions.
- Provided active remote support and on-site assistance, collaborating with Operations, Maintenance, and technical functions to scope instrumentation repairs, troubleshoot issues, and implement solutions through Routine Maintenance, Turnaround execution, and projects.
- Fostered a safe and respectful work environment, supported team development and training, communicated work requirements and priorities, implemented processes and systems, ensured quality and timely outputs, managed performance and budget, monitored KPIs, collaborated cross-functionally, shared lessons learned, and provided off-hours support as necessary.

### **WORK EXPERIENCE**

W. Exp	Company Name	Location	Designation	Time line	Responsibilities
4	L&T Technology Services Limited (ODC- Woodside Energy)	Chennai – Tamil Nadu	Technical Lead – Integrated Asset Management	June 2024 – Till Date	Handling of reliability activities such as Equipment Criticality Assessment, Strategy development, RCA, RCM analysis. Recruitment of team and lead the team for reliability projects.
3	Quest Global Engineering Services Limited (ODC- Exxonmobil)	Bangalore- Karnataka	Senior Engineer - Reliability	Dec 2022 - June 2024	Handling of reliability activities such as Equipment Criticality Assessment, Strategy development, RCM analysis. Leading the team to complete the projects within time.
2	Reliance Industries Limited - DTA PP	Jamnagar – Gujarat	Engineer – Instrument Maintenance	Sept 2022 - Nov 2022	Co-ordination with process and maintenance department for Instrument maintenance activities. Shutdown job and day to day maintenance activities.
1	Chemplast Sanmar Limited	Cuddalore- Tamil Nadu	Joint Manager – Instrument Maintenance	June 2013 - Aug 2022	Co-ordination with process and other maintenance department for Instrument related shutdown and day to day maintenance activities. ISO/BSC audit handling.

### **Academic Credentials**

- Completed B.E Electronics and Instrumentation Engineering in **Sri Ramakrishna Engineering College, Coimbatore (Coimbatore - DT) TAMILNADU** in the year 2013, with an overall aggregate of 83.1%.

### **Skills**

- ERP : SAP-MM module, PM module, Iron sight, WDT(Well Downtime Tracker)
- DCS & PLC : Honeywell – Experion PKS, RS LOGIX STUDIO 5000, Siemens s7-300
- Software : R-COW, Wrench, Naviswork, Isograph
- Applications : Microsoft office, Aconex, Udocs, Sharepoint

**Place :**

**Signature**  
**(NANDHAKUMAR.P)**