

# Sedhuram Balasubramani

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## ● Manager Mechanical at Ultratech cement ltd

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### PROFESSIONAL SUMMARY:

Over **13.6 years** of experience in various aspects of mechanical engineering, including predictive maintenance, shutdown maintenance, condition-based maintenance, inventory management, and project execution.

### PROFESSIONAL SKILLS:

- |   |                                       |                                  |
|---|---------------------------------------|----------------------------------|
| ✓ Preventive and corrective maintenance | ✓ Continuous improvement              | ✓ Asset performance management   |
| ✓ Inventory Management                  | ✓ Condition based maintenance         | ✓ SAP PM                         |
| ✓ Operation & Maintenance               | ✓ Planning / Scheduling               | ✓ Life Cycle assessment          |
| ✓ Reliability                           | ✓ Computerized Maintenance Management | ✓ Equipment Maintenance Strategy |

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### Professional experience:

- **UltraTech Cement since Sep'2011**
- **Manikgarh cement since July'2022**
- **Andhra Pradesh cement works- Nov'2014- Jun'2022**
- **Gujarat cement works Sep'2011- Nov'2014**

### Current Role and Responsibilities

- ✓ **Leadership:** Leading a team of 7 engineers as the head of the section.
- ✓ **Maintenance:** Overseeing maintenance of both static and rotary equipment such as kilns, coolers, preheaters, vertical roller mills, ESPs, bag houses, belt conveyors, bucket elevators, deep pan conveyors, screw conveyors, compressors, pumps, fans, blowers, coal conveying systems, hydraulic and pneumatic systems, and alternative fuel feeding systems.
- ✓ **Strategic Planning:** Planning spares and manpower for routine and shutdown maintenance.
- ✓ **Asset Reliability:** Developing strategies for asset reliability and integrity management through optimization, maintenance planning, and scheduling major inspections.
- ✓ **Failure Investigation:** Driving and participating in the investigation of failures and breakdowns using RCA techniques like FMEA, Why-Why, and Fishbone analysis.
- ✓ **Cost Optimization:** Planning and optimizing maintenance expenditure by effectively scheduling maintenance activities.
- ✓ **SAP PM Implementation:** Implementing SAP PM modules, including functional location, PM task lists, equipment creation, BOM, purchase and material requisition, new material creation, notifications, orders, budget, purchase orders, and shutdown management.
- ✓ **ISO and OHSAS Coordination:** Coordinating ISO-9001:2000, ISO 14000, and OHSAS 18000 and WCM systems.
- ✓ **Reliability Management:** Managing the reliability of equipment.

- ✓ **Budget and Inventory:** Planning budgets and managing inventory for the department.
- ✓ **Training:** Training employees on safety standards and WCM systems.
- ✓ **Audits:** Conducting IMS and PM audits across various departments.

#### **Major project/jobs done:**

- ✓ Replaced a 22-meter kiln shell, support roller, and kiln girth gear in a record time of 17 days through proper planning and execution.
- ✓ Erection and commission of an IKN Cooler and Electrostatic Precipitator.
- ✓ Erection and commission of a bulk loading system, preheater cyclones, deep pan conveyors, and belt conveyors.
- ✓ Replaced major components of cement plant equipment, including elevator belts, belt conveyors, process fans, kiln shells, girth gears, support rollers, tyres, and raw mill rollers. Executed these projects within budgeted cost and time.

#### **Accolades:**

- ✓ Internal auditor for Plant maintenance and IMS
- ✓ Best kaizen of the year award
- ✓ Safety person of the month
- ✓ Winner of Best model area of the plant.
- ✓ High performer of the year
- ✓ Value star Award

#### **Workshops & Training Programs**

- ✓ Internal auditor of Integrated management system
- ✓ VRM Hydraulics system at FLS Chennai
- ✓ Vertical mill training by FLS Chennai
- ✓ Pyro process (Kiln, cooler operation and maintenance)
- ✓ Six sigma-Green Belt
- ✓ Problem solving tools.
- ✓ SAP Plant Maintenance

#### **Education:**

YEAR	INSTITUTION	SCORE
2023	MBA in Project Management - Manipal GlobalNxt University (Online Program)	First Class
2011	B.E. in Mechanical from Kongu engineering college, Erode	8.23 CGPA
2007	Higher secondary from Veveaham higher secondary school	82.67%
2005	Matriculation from Gandhi Matriculation Higher Sec. School	74.18%

**Date of Birth:** 16th July 1990

**Marital status:** Married

**Languages known:** English, Tamil, Hindi and Telugu.

**Current Address:** Ultratech cement, Chandrapur, Maharastra

**Permanent Address:** Paramathi Velur, Namakkal, Tamil Nadu