



OBLIRAJ CHITHURAJU

PROFILE SUMMARY

- 9+ years of experience in **Operations, Project management, Process Improvement, and Inventory management** in manufacturing sector. Proficient in understanding the business needs, prioritizing the **internal customer needs**, allocating resources, and reducing machine downtime to ensure maximum production.
- Key skills: People management, Process optimization, vendor management, Critical Thinking, and Problem-Solving Skills.

PROFESSIONAL EXPERIENCE

BHARAT HEAVY ELECTRICALS LIMITED

DEPUTY MANAGER

Tiruchirappalli, India

July 2009 – April 2019

Operations:

- Led and groomed a team of 30** for Maintenance of machines used in Boiler and Nuclear power plant production.
- Introduced Predictive maintenance** of machines that improved the machine **availability from 85% to 92%**.
- Optimized the spares management** by proper inventory **planning** and also coordinated the spares procurement for ₹1.25 Cr annually.
- Authored the **HSE documents and Operational control procedures** for all the activities of the department.
- Developed a centralized knowledge management portal** within the function for knowledge sharing and effective trouble shooting.
- Instrumental in restructuring** of the Quality Circle teams thus increasing it from 10 to 32 teams resulting in annual savings of ₹20 lakhs through continual improvement projects.
- Outsourced the non-core activities** of maintenance that resulted in a **cost reduction of ₹ 30 lakhs** annually.

Project management:

- Spearheaded the erection and commissioning** of major machines of CAPEX worth ₹ 300 Cr that involves **Cross Functional interaction**.
- Contributed as a committee member** in 3 capacity augmentation schemes worth ₹ 400 Cr of machinery by RFP preparation, RFQ evaluation, technical discussion & **negotiation with vendors** and finalizing the scope of supply.
- Revived a side-lined machine** that resulted in cut down on outsourcing expense of **₹ 40 lakh per annum** and in-house production of a strategically important submarine component
- Removed bottleneck** in Boiler production by **in-house capability building** of a facility that resulted in **95% productivity** improvement.

Process improvements:

- Automated a manual welding process** by fabricating a custom built machine resulting in **CAPEX reduction of ₹ 3.5 Cr** and cycle time reduction of 80%.
- Reduced the fuel consumption** to a tune of **₹ 45 lakhs per year** by optimizing the length of a furnace to suit the present jobs.
- Helped BHEL to win a NHAI consultancy project** worth ₹ 30 lakh by revitalizing a Fatigue testing machine.
- Improved the spares procurement process** by increasing the vendor base consistently in the master spares directory.

CERTIFICATIONS

Lean Six sigma Green belt certification by KPMG.

Certified "Energy manager" by Bureau of Energy Efficiency, Govt. of India

Certified Internal auditor for Energy management System ISO 50001, HSE and EMS- ISO 14001 and OHSAS 18001 standards.

EDUCATION

Indian Institute of Management

MBAEx (Master of Business Administration for Executives)

Kolkata, India

Apr 2019 – Mar 2020

Birla Institute of Technology and Science

M.S / Manufacturing management (Work integrated Learning Program) (CGPA 9.0/10)

Pilani, India

July 2011 – Apr 2013

College of Engineering Guindy, Anna University

B.E / Mechanical Engineering (CGPA 8.18/10)

Chennai, India

July 2005 – Apr 2009

AWARDS AND EXTRACURRICULARS

- Awarded '**BHEL EXCEL AWARD**' for the cycle time reduction project in Nuclear SG manufacturing process.
- Awarded '**BHEL Republic day award**' twice in 2013 and 2014 for solving perennial problems in machines.
- Registered one patent** titled "An improved edge preparation of water wall panel tubes of boiler system."
- Awarded **full tuition fees scholarship** for my UG degree in CEG by M/s. Vedanta trust for securing **district first mark** in Class 12 exams.
- As a coordinator of Swachh Bharat Mission for BHEL Trichy, organized several in-house events to create awareness among the masses.
- Reached **highest rank in NCC Army 'Cadet Under Officer'** at CEG, Anna University.