

Kiran Kumar Yallampalli

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Preferred Locations: Bengaluru | Chennai | Hosur | Hyderabad

EXECUTIVE PROFILE

Senior Manufacturing Operations Leader with 26 years of progressive experience transforming large-scale plastics and automotive battery component manufacturing for Tier-1 supply chains. Proven track record of directing 24x7 production across a 700-member workforce, managing an INR 150 Crore annual P&L, and overseeing 1,800 tons/month capacity via 102 injection molding machines (50T-1200T). Recognized expert in Lean Manufacturing, Total Productive Maintenance (TPM), and Six Sigma, combining deep industrial engineering expertise with rigorous financial accountability. Consistently optimizes asset utilization, executes multi-million-rupee CAPEX expansions, and builds high-performance manufacturing ecosystems to deliver bottom-line profitability and operational excellence.

EXECUTIVE LEADERSHIP SNAPSHOT

- **Experience:** 26 Years
- **Current Role:** Assistant General Manager – Production
- **Industry:** Plastics Manufacturing / Automotive Battery Components
- **Business Responsibility:** INR 150 Crore Annual Revenue P&L
- **People Leadership:** 700 Employees (3 Direct, 697 Indirect)
- **Production Capacity:** 1,800 Tons / Month
- **Machine Base:** 102 Injection Molding Machines (50T-1200T)
- **CAPEX Budget:** INR 22 Crore
- **Operations:** 24x7, 3-Shift Continuous Manufacturing
- **Certifications:** Six Sigma Black Belt | Lean | TPM | TS16949 | ISO 9001

CORE COMPETENCIES

Manufacturing Strategy: Plant Operations | Production Excellence | Capacity Planning | Change Management | Strategic Planning

Operational Excellence: Lean Manufacturing | Total Productive Maintenance (TPM) | Six Sigma | Kaizen | Root Cause Analysis | CAPA

Engineering & Technology: Plastics Injection Molding | Industrial Engineering | Automation Integration | CAPEX Project Management

Business & Leadership: P&L Accountability | Cost Reduction | People Leadership | Asset Utilization | Quality Systems (TS16949, ISO)

CAREER PROGRESSION

Amara Raja Group

- **Assistant General Manager – Production** 2025 – Present
- **Senior Manager** 2021 – 2025
- **Manager** 2016 – 2021
- **Deputy Manager & Assistant Manager** 2012 – 2016
- **Engineering & Supervisory Roles** 2004 – 2012
- **Technician & Trainee Roles** 2000 – 2004

PROFESSIONAL EXPERIENCE

Amara Raja Group | Assistant General Manager, Production (Plastics Division)

2000 – Present

Progressed through 11 roles over 26 years to direct end-to-end manufacturing operations for the group's plastics division.

- **Operations & P&L Leadership:** Direct 24x7 plastics production operations across 102 injection molding machines, managing a 700-person workforce and an INR 150 Crore annual business turnover while sustaining zero severe safety incidents.
- **Asset Utilization & TPM:** Drove a 14-point surge in Overall Equipment Effectiveness (OEE)—scaling from 75% to 89%—by spearheading advanced Total Productive Maintenance (TPM) and Lean methodologies across the shop floor.

- **Quality Improvement:** Slashed customer rejection rates by 1,200 PPM (from 5700 to 4500) through rigorous enforcement of TS16949/ISO 9001 standards, Six Sigma Black Belt interventions, and root-cause analysis (CAPA) protocols.
- **Cost Optimization:** Generated INR 1.2 Crores in annualized operational cost savings by re-engineering shop-floor workflows and optimizing labor deployment, effectively consolidating 15–20 personnel roles through cross-training without compromising daily output.
- **Capacity Expansion:** Expanded total plant production capacity by ~10% (1,800 tons/month) by identifying and eliminating process bottlenecks via the design and deployment of specialized inline automation systems and scheduling efficiency.

STRATEGIC PROJECTS

- **CAPEX Portfolio Execution:** Executed an INR 22 Crore CAPEX portfolio encompassing advanced equipment integration, utility upgrades, and facility modernization, delivered strictly on schedule and within budget parameters.
- **Rapid Asset Commissioning:** Led the end-to-end installation, structural positioning, utility alignment, and process validation of a 1200-ton plastic injection press, achieving full commercial production startup within 24 hours to scale manufacturing capacity.
- **Process Automation Architecture:** Implemented in-line hole-punching and dielectric testing directly into the injection molding process, successfully eliminating secondary manual operations and dramatically improving throughput and product consistency.
- **Sustainable Manufacturing:** Spearheaded a comprehensive plastics recycling program, successfully reprocessing shop-floor scrap into usable compound, significantly reducing virgin material dependency and waste disposal costs.

TECHNICAL EXPERTISE

Plastics Mfg: Injection Molding (50T–1200T), Polymer Processing, Battery Case & Cover Fabrication, Extrusion.

Mfg Systems: Lean Manufacturing, Kaizen, Total Productive Maintenance (TPM), Six Sigma, 5S, Continuous Improvement.

Quality & Standards: TS16949, ISO 9001, Root Cause Analysis, CAPA, Quality Control, Product Part Approval (PPA).

Projects & Tools: ERP (SAP), OEE Optimization, Plant Layout, Production Planning, Material Recycling Systems.

CERTIFICATIONS

Six Sigma Black Belt (LSS) · Six Sigma Green Belt · TPM Practitioner · Lean Manufacturing Practitioner · ISO/TS16949 Lead

AWARDS & RECOGNITIONS

- **Plant Excellence:** Best Manufacturing Plant – ABK-AOTS recognition for leading team to plant-level operational excellence.
- **Operational Excellence:** Manufacturing Excellence Recognition – Awarded by the Confederation of Indian Industry (CII).
- **Continuous Improvement:** 5S Sustainability Award – Sustenance Level 2 for Industrial Excellence.
- **Individual Performance:** Champion of the Year (Top performer award across Amara Raja Group).

EDUCATION

Bachelor of Technology (B.Tech) in Mechanical Engineering

Acharya Nagarjuna University (ANU) 2007

Completed degree concurrently via part-time study while advancing through full-time manufacturing leadership responsibilities, demonstrating an unyielding commitment to continuous professional development.