

# CHANDAN CHANDRASHEKHAR

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## Professional Summary

Manufacturing Operations Leader with 14+ years of experience driving operational excellence, productivity improvement, capacity enhancement, and large-scale plant operations across biotechnology, agrochemical, food, and process manufacturing industries.

Proven expertise in Manufacturing Operations, Production Planning & Scheduling, Lean Manufacturing, Operational Excellence, Capacity Planning, and Resource Optimisation with a strong track record of improving throughput, reducing downtime, and delivering measurable business impact through Lean Six Sigma initiatives.

Experienced in overseeing multi-line manufacturing operations with installed capacities up to 114 MT/day (2,964 MT/month), leading 80+ workforce across multiple shifts, and driving operational performance through GMP, HACCP, SOP compliance, KPI monitoring, and cross-functional leadership.

## Leadership Snapshot

- 14+ years of manufacturing and plant operations experience across biotechnology, agrochemical, and food industries
- Managed operations with installed capacities up to 114 MT/day (2,964 MT/month)
- Led 80+ workforce across multi-shift manufacturing operations
- Delivered INR 2.6+ Cr operational business impact through product line turnaround initiatives
- Lean Six Sigma Black Belt professional with strong focus on operational excellence and productivity improvement

## Core Competencies

|                                  |                             |                        |
|----------------------------------|-----------------------------|------------------------|
| Manufacturing Operations         | Lean Manufacturing          | Operational Excellence |
| Production Planning & Scheduling | Lean Six Sigma (Black Belt) | Capacity Planning      |
| Resource Optimisation            | Workforce Management        | Process Improvement    |
| Throughput Enhancement           | Productivity Improvement    | Cost Optimisation      |
| KPI Monitoring                   | Root Cause Analysis (RCA)   | Continuous Improvement |
| Preventive Maintenance           | Inventory Coordination      | SOP Implementation     |
| GMP / HACCP Compliance           | Shop Floor Management       | Audit Readiness        |
| Cross-functional Leadership      | Power BI Dashboards         | Production Operations  |

## Professional Experience

### Senior Operations Manager

Mar 2023 – Mar 2026

*Gaiagen Technologies Pvt Ltd, Bengaluru, Karnataka*

- Led end-to-end manufacturing operations across biological production lines with monthly output of 120 MT covering production planning, manpower allocation, capacity planning, and operational optimisation.
- Increased lure sachet production capacity from 20,000 to 35,000 units/day through workflow redesign and process enhancement, delivering annual savings of INR 59 lakh.
- Improved gel bait production throughput by 50% through targeted process improvement and waste elimination initiatives.
- Revived three underperforming product lines through operational restructuring and productivity enhancement initiatives, generating business impact exceeding INR 2.6 Cr.
- Improved labour productivity by 15% through workforce rationalisation, skill development, and workflow improvements.
- Coordinated with QA, Maintenance, Procurement, R&D, and Supply Chain teams to ensure uninterrupted production scheduling and operational continuity.
- Monitored KPIs including throughput, downtime, manpower utilisation, yield, and production efficiency through Power BI dashboards.
- Ensured compliance with GMP, HACCP, SOP, hygiene, safety, and regulatory standards across manufacturing operations.

### Senior Production Manager

Nov 2022 – Mar 2023

*Gaiagen Technologies Pvt Ltd, Bengaluru, Karnataka*

- Managed biological manufacturing lines producing 4–5 MT per batch with focus on production scheduling, manpower deployment, and operational efficiency.
- Improved production line productivity by 18% through shift planning, task standardisation, and resource utilisation improvements.

- Implemented contamination control systems and sterilisation protocols improving batch reliability and process consistency.
- Established GMP-compliant documentation systems supporting audit readiness and operational compliance.

#### **Assistant Manager – Production**

Jan 2018 – Oct 2022

*Alltech Biotechnology Pvt Ltd, Pune, Maharashtra*

- Managed manufacturing operations across four process lines with installed capacities up to 114 MT/day (2,964 MT/month), overseeing 80+ workforce across multiple shifts.
- Led production planning, manpower deployment, capacity utilisation, and shop-floor operations across manufacturing lines.
- Reduced machine downtime by 12% through implementation of structured preventive maintenance systems.
- Improved production efficiency by 15% through Lean manufacturing initiatives, line balancing, and systematic waste elimination.
- Achieved 95% production schedule adherence through improved planning accuracy and cross-functional coordination.
- Coordinated with Maintenance, Stores, Procurement, and Supply Chain teams to ensure uninterrupted manufacturing flow.

#### **Quality Supervisor**

Jan 2015 – Dec 2017

*Alltech Biotechnology Pvt Ltd, Bengaluru, Karnataka*

- Managed GMP compliance, CAPA systems, audit readiness, and operational quality implementation across manufacturing operations.
- Improved first-pass quality rate by 9% through systematic root cause analysis and corrective action programmes.
- Supported ISO 9001, HACCP, and FAMI-QS audits with zero major non-conformances.
- Conducted RCA and implemented CAPA for process deviations and customer complaints.

#### **Quality Control Executive**

Nov 2011 – Dec 2014

*Alltech Biotechnology Pvt Ltd, Bengaluru, Karnataka*

- Performed microbiological, chemical, and raw material analysis supporting manufacturing operations and quality systems.
- Managed laboratory calibration systems, process documentation, and compliance records.
- Supported supplier audits, internal audits, and operational compliance activities.

## **Key Achievements**

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- Delivered INR 2.6+ Cr business impact through turnaround of strategic product lines at Gaiagen Technologies.
- Delivered INR 59 lakh annual savings through capacity enhancement and workflow optimisation initiatives.
- Increased lure sachet throughput by 75% (20,000 to 35,000 units/day) through process redesign.
- Improved gel bait production throughput by 50% through operational improvement initiatives.
- Increased biological manufacturing capacity by 33% to 120 MT/month at Gaiagen Technologies.
- Managed four-line manufacturing operations with installed capacities up to 114 MT/day.
- Reduced manufacturing downtime by 12% through preventive maintenance implementation.

## **Education**

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#### **Master of Science – Biochemistry**

2009 – 2011

Central College, Bangalore University

#### **Bachelor of Science – Chemistry, Botany & Biotechnology**

2006 – 2009

Government Science College, Bangalore University

## **Certifications**

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- Lean Six Sigma Black Belt – Quality Gurus
- ISO 9001:2015 Internal Auditor
- ISO 22000 / HACCP Internal Auditor
- HALAL Auditor Certification
- Food Safety Training – CFTRI Mysore

## **Technical Skills**

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|----------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Analytics &amp; Reporting</b> | Power BI, Looker, Advanced Excel                                                                           |
| <b>Manufacturing Systems</b>     | Production Planning, Capacity Planning, SOP Implementation, Inventory Coordination, Preventive Maintenance |
| <b>Operational Excellence</b>    | Lean Six Sigma, Kaizen, RCA, KPI Dashboards, Continuous Improvement                                        |
| <b>Languages</b>                 | English, Kannada, Telugu, Hindi                                                                            |