

## VARUN ANIL MAHABAL

H. No. 86, Rupanwadi,  
Ambegav, Sawantwadi,  
Sindhudurg – Maharashtra.  
PIN: 416510



Mobile No : 9762327641  
: 8806239341

E-mail : [varunamahabal@gmail.com](mailto:varunamahabal@gmail.com)

### OBJECTIVE:

- ❖ To work in an intellectual, technical and cordial environment and seeking for a better co-ordination between organizational growth and personal interest.
- ❖ To lead a dedicated work-force and to use my technical, innovative & managerial skills to ensure that my organization tops the charts.

### EDUCATIONAL QUALIFICATIONS:

Qualification	Year	Grade	Institution	Project
M.E-Industrial Engineering	2017	First Class 7.6 CGPA	Goa College of Engineering	Application Of Unified Optimization Methodology In Supply Chain For Production Planning
B.E-Mechanical Engineering	2010	First Class with Distinction	Goa College of Engineering	Condition Based Monitoring
H.S.S.C	2006	Distinction	Goa Board	-
S.S.C	2004	Distinction	Goa Board	-

### COURSES ATTENDED:

Sr. No.	Course	Organized By
1	Integrated Management System Internal Auditor Course for ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018	TUV India Pvt Ltd.
2	Lean Six Sigma Green Belt	VarSix Sigma
3	Concepts and Advances in Quality and Reliability management	SVNIT & GEC
4	Maintenance And Safety at Workplace.	NITTTR, Bhopal

5	ISTE workshop on engineering Thermo-dynamics	IIT Bombay.
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**WORK EXPERIENCE:** 10 Years & 5 months of cumulative working experience.

Teaching Experience : 3 years & 5 months as Assistant Professor ( contract) at Goa College of Engineering  
 Industry Experience : 7 years in Manufacturing & Process improvement on shop floor.

**Teaching Experience:**

**1. GOA COLLEGE OF ENGINEERING- Farmagudi, Ponda, Goa.**

**Designation:** Assistant Professor ( Contract)

**Duration:** 09<sup>th</sup> July 2012 – 30<sup>th</sup> Nov 2015. (3 Year & 5 months)

**Job Profile :**

- ❖ Develop and Implement Innovative Instructional methods.
- ❖ Guide, Lead & Mentor students in Research Projects.
- ❖ Evaluate Monitor & Mentor student’s academic progress.
- ❖ Participate in Departmental & College Activities.

**Achievements / Highlights : -**

- ❖ Published Research paper on “*Application of Unified Optimization Methodology In Supply Chain For Production Planning*” at International Conference on Emerging Technological Innovations in Mechanical Engineering- Bengaluru.
- ❖ Up gradation of Industrial Engineering Laboratory.
- ❖ Member of team handling AICTE accreditation of Mechanical department of GEC.

**Industry Experience:**

**1. IFB Industries Ltd.- Verna Industrial Estate , Verna- Goa.**

**Designation:** Assistant Manager in Production Department.

**Duration:** 01 July 2020 – 03<sup>rd</sup> Apr 2022. ( 1 Years & 10 months)

**Job Profile :**

- ❖ Design & Implementation of Standard Operating Procedure (SOP), Work Instructions, Process flow Charts at all work stations of Production Shop floor.

- ❖ Analyze existing processes, identify areas for improvement, and design and implement new processes to optimize line capacity utilization.
- ❖ Identification & Reduction of Non Value Adding activities to reduce wastefulness in production processes.
- ❖ Core team member & Internal Auditor for successful implementation of Integrated Manufacturing Systems (IMS- ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018) at IFB – AC manf. plant
- ❖ Setting Targets / Process Standard's for manufacturing processes.

**Achievements / Highlights : -**

- ❖ 30 % improvement in line speed by elimination of Bottle neck at charging stations of Brazing line.
- ❖ Reduction in Cycle time of Vacuum Leak test chamber through parameter optimization.
- ❖ Conduct Time Study & optimize ODU manufacturing line through line balancing.

**2. FUNSKOOL INDIA LTD.- Corlim , Tiswadi- Goa.**

**Designation:** Executive Industrial Engineer in Industrial Engineering Department.

**Duration:** 27<sup>th</sup> June 2016 – 24<sup>th</sup> Apr 2020 . ( 3 Years & 7 months)

**Job Profile :**

- ❖ Creation of Process Flow Charts & SOP through Time Study of the steps in manufacturing process.
- ❖ Identification & Reduction of Non Value Adding activities to reduce wastefulness in production processes. (3M's-Muda, Mura, Muri)
- ❖ Core committee member & Coordinator in factory wide implementation of Lean Initiative.
- ❖ Study, Design & Implementation of production line layout.
- ❖ Do line balancing to improve manpower & resource utilization.
- ❖ Design & implement Incentive Scheme to improve productivity & quality.
- ❖ Setting Targets / Process Standard's for manufacturing processes.
- ❖ Outsourcing activities- Setting process standards & arriving at piece rate for outsourced job work.

**Achievements / Highlights : -**

- ❖ Complete Line re-layout & line balancing of Jenga Line -Productivity improvement by 40%.

- ❖ Rotational molding -reduction in defectives from 25% to 7% through root cause analysis –Pareto, CAPA, A3, 5-why analysis.
- ❖ Drop in outsourcing cost by 12% through time study & target revisions.

### **3. DIEBOLD SYSTEMS PVT.LTD. Karaswada, Mapusa- Goa.**

**Designation:** Supplier Quality Engineer (QA)

**Duration:** 15<sup>th</sup> Nov 2010 – 02<sup>nd</sup> July 2012. (1 Year & 7 months)

**Job Profile:**

- ❖ Coordinating, Monitoring with Supplier's on Quality Improvement Activities.
- ❖ Manage day-to-day planning, scheduling of activities at incoming quality.
- ❖ Interacting with departments of procurement, materials, engineering & process quality team to ensure smooth functioning of assembly line.
- ❖ Coordinate quality issues with supplier, identify and analyze the root cause and take necessary corrective action.
- ❖ Review manufacturing processes of local suppliers against requirements & review compliance with documented process flow.
- ❖ Coordinating with materials team for timely supply of defect free component parts.
- ❖ Zero defect plan preparation & implementation for all level-1 suppliers.
- ❖ Supplier audit schedule compliance & improve audit score to the targeted level.
- ❖ Monitor supplier's throughput gain & process capability on monthly basis.
- ❖ Improve process quality PPM.
- ❖ Continual improvement in QMS, EMS & OHSAS.

**Achievements / Highlights : -**

- ❖ Significant reduction in supplier PPM through successful implementation of Zero Defect Plan.
- ❖ Close involvement with Design and Engineering team in New Product Development Process.

**AFFILIATIONS:**

- ❖ Lifetime Member of Indian Institution of Industrial Engineering (I. I. I. E) since 2012.

**PUBLICATIONS:**

- ❖ Research paper on “*Application of Unified Optimization Methodology In Supply Chain For Production Planning*” at International Conference on Emerging Technological Innovations in Mechanical Engineering- Bengaluru.

**COMPUTER SKILLS:**

- **Design Tools:** AutoCAD, SOLIDWORKS.
- **Applications:** MS Office (MS Word, MS Excel, MS PowerPoint).

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I the undersigned declare that whatever that is stated above is true to the best of my knowledge and understanding.

Yours Truly,

Varun Mahabal.