VARUN ANIL MAHABAL



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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.

WORK EXPERIENCE: 13 Years of cumulative working experience.

Teaching Experience :	6 years as Assistant Professor at Engineering College.
Industry Experience :	7 years in Manufacturing & Process improvement on shop floor.

TEACHING EXPERIENCE:

1. **YASHWANTRAO BHONSALE INSTITUTE OF TECHNOLOGY- Charathe, Sawantwadi.**

   Designation*:* Assistant Professor

   Duration: 01th July 2024 – Till Date.

   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 : -

   - NSS Program Officer.
   - Organizing Committee Member of College Techfest -QUANTEXERA 2025.

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

   Designation: Assistant Professor (Contract)

   Duration: 09th July 2012 – 30th 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 – 03rd 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: 27th June 2016 – 24th 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: 15th Nov 2010 – 02nd 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).

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

Yours Truly,

Varun A Mahabal.