

Veermata Jijabai Technological Institute (Central Technological Institute, Maharashtra State, INDIA)

H. R. Mahajani Marg, Matunga, Mumbai 400019

Tel.No. +91 22 24198241 Mobile no: 918425877990 Email Id: dvpendam@vjti.org.in

DURYODHAN VITTHAL PENDAM



EDUCATION

June 2007- Dec 2009	National Institute of Industrial Engineering(NITIE) Mumbai Post Graduate Diploma In Industrial Engineering(PGDIE)	7.31/10
Oct 2001- May 2005	Government College of Engineering Karad, Shivaji University Bachelor of Mechanical Engineering	61.20%
June 2000-June 2001	Jawahar Navodaya Vidyalaya Talodhi, Chandrapur,CBSE Board (Central Board of Secondary Education New Delhi), XII Science	64.66%

AREA OF RESEARCH INTEREST

Operation Research, Optimization Algorithms, Supply Chain Management, Quality Management, Multy Criteria Decision Making, Statistics, Data Management

TEACHING EXPERIENCE

Jan 2011- Till Date	Veermata Jijabai Technological Institute, Matunga, Mumbai, India Assistant Professor, Department of Production Engineering Instructed & facilitated Operation Research, Probability & Statistics to undergraduate (class of 75) and Computational Methods, Quantitative Techniques in Project Management to postgraduate students (class of 40).
July 2010- Dec2010	Fr. Conceicao Rodrigues College of Engineering (CRCE), Bandra, Mumbai Lecturer in Department of Production Engineering Instructed & facilitated Machining Science & Technology, Industrial Management to undergraduate students (class of 70).

INDUSTRIAL EXPERIENCE

July 2009- June 2010	AFCONS Infrastructure Pvt. Ltd. Andheri, Mumbai, India Engineer (ER2)- Construction Plant & Equipment Department Planning, scheduling, dispatching & optimization of the equipment's on sites, Dealing with client for the procurement, Vendor selection, MIS report generation,
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Coordinator of the sites, maintenance of preventive maintenance & scheduling & utilization of the equipments in ERP system, Total Logistics system (inbound, outbound), Coordination for the shipment, Inventory management, Vehicle tracking

AWARDS & HONOURS

- Received scholarship from AICTE , India to complete M.Tech in Industrial Engineering in year 2007-2009
- Awarded National Overseas Scholarship from Govt. of India to complete PhD in Foreign Universities (Only one among the state of Maharashtra, India out of 20)

SKILLS

Language Skills English, Hindi, Marathi
Software Skills Proficient in Microsoft Word, Excel solver, Mat lab, SPSS, TORA

RELEVANT COURSEWORK

Graduate Operation Research-I, Operation Research-II, Quality Management, Supply chain Management, Logistics Management, Operation Planning & Control, Material Management, Business Statistics, ERP, Data base management system, Work study, Facilities Planning, Decision support system & Expert system, Project Management, MIS & DBMS
Undergraduate Industrial Management, Operation Research, Manufacturing Technology

COURSES TAUGHT

Graduate Computational Methods, Quantitative Techniques in Project Management, Design of Production & Industrial System
Undergraduate Operation Research, Probability & Statistics, Manufacturing Technology

PATENTS & PUBLICATIONS

- Filed the patent on system for two sided incremental sheet forming (2451/MUM/2015) dated 26th June 2015

SUMMER INTERNSHIP

April 2008 - May 2008 **TVS MOTOR COMPANY, Hosur, Bangalore**
Project Title **Improving information Visibility through VSM to reduce Inbound vehicle turnaround time**
Methodology Observed the complete logistics of the company, researched on Value Stream Mapping, Gap Analysis & Why-why analysis to simplify the inbound processes, Drafted VSM with Smart Card Reader system, Explained Cost Benefit Analysis of the project to Project Manager. Accomplished in reducing turnaround time from 20 Hrs to 4 Hrs, 40% reduction in manpower by Electronic Integration of Processes and proposed Vehicle Tracking System in the plant.
Achievements

WINTER INTERNSHIP

Feb 2009 – May 2009 **Godrej Agrovet Ltd. Mumbai**
Project Title **APPROACH TO MOVE FROM MFG/PRO TO SAP**
Methodology As is Business process study (Document flow diagram, Transaction of the

Achievement documents, additional business requirements, Documents maintained currently, Bottleneck of MFG/PRO)
Observed, reconstructed & design the new process of Business process to implementation of SAP for Agri inputs, Plant Biotech and OPP plant division.
Accomplished the Implementation of SAP ECC6.0 for Agri-Inputs, Plant Biotech, OPP Division

INDUSTRIAL PROJECT

June 2004-June 2005	Datta Tools Pvt. Ltd Karad
Project Title	Development & Manufacturing of Drilling Jig
Methodology	Material selection, Vendor selection & Cost Benefit Analysis
Achievements	50% Reduction in cost of manufacturing 60% Increase in productivity by design & Fundamentals of drilling Jig
June 2008-July 2008	Camlin India Pvt. Ltd Mumbai
Project Title	Productivity Improvement Oil Pastel Line
Methodology	Multiple Activity Chart Plotting for Camlin shifts, Process Capability Analysis for Oil Pastel Line.
Achievements	25 % Increased Productivity by Application of POKA YOKE Technique 80 % Operational Cost Reduction by Eliminating 2 Shifts / Week.

WORKSHOP PARTICIPANT

- Supply chain Network- Modeling & Analysis at IIT Kharagpur , 15-26 June 2015 (International Summer course)
- Industrial Automation & Mechatronics at IIT Madras, 13-18 October, 2014
- “Advanced Engineering Optimization Through Intelligent Techniques(AEOTT)” at SVNIT, Surat, 7-11 jan,13
- “CFD in Engineering Domain using computing software”- TEQIP sponsored- 8-12 July, 2013
- “Emerging trends in Project management(ETPM)”-AICTE Sponsored under QIP- 21-25 Oct, 2013
- “Introduction to Research Methodologies” under MHRD,INDIA- 25th June -04th July, 2012
- “Industrial engineering tools and techniques” under TEQIP-12-16 March, 2012
- “Heat Transfer under the national Mission on Education “ICT(MHRD,INDIA)- 29th Nov-10th Dec 2012

LEADERSHIP EXPERIENCE

- Coordinator of National Level paper presentation Aavishkar 2005,GCE Karad
- Jr.Coordinator of National Level paper presentation Aavishkar 2004, GCE Karad
- Ardent member of Mechanical Engineering Student Association at GCE, Karad
- Awarded Best House captain Award for Managing All Event at JNV, Chandrapur
- Representative of school in National Games and sports Meet at Orissa
- Captain of winning Team in Regional sports Meet at Gujarat
- Captain of winning Team in Government College of Engineering Karad
- Active member of Event Management Team, SIFE at NITIE, Mumbai
- Highest seller in Kala Ghoda Festival (Manav Foundation-NGO), Mandi at NITIE, Mumbai

EXTRA CURRICULAR

- Qualified National Talent Search Contest in Mathematics in consecutive 3 year
- Awarded Silver Medal in School for standing 1st in class
- Participated in Summer Internship Programme Poster Competition at IBS, Mumbai
- Participated in Prastuti-Paper presentation Under 'DRISHTI-08' at SIOM, Nasik
- Winner in kho-kho, Volley-ball, Handball at JNV,Gujrat
- 1st Prize in Painting and Art Competitions in college, school
- 1st Prize in Mathematics Quiz at JNV, Chandrapur
- Winner in kho-kho, continuously 3 year in Govt. college of Engineering Karad