

# Dhananjay A. Jolhe

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## Personal Details:

Date of Birth: 29<sup>th</sup> Jan 1971  
Father's Name: Ambadaspant A. Jolhe  
Languages Known: English, Hindi, Marathi

## ACADEMICS

<i>Exam.</i>	<i>College/ School</i>	<i>University/ Board</i>	<i>Year</i>	<i>% Marks</i>
Ph. D. (Manufacturing Engg.)	---	Indian Institute of Technology Bombay	--- In Progress ---	
M. Tech. (Industrial Engg.)	VRCE, Nagpur (Presently VNIT, Nagpur)	Nagpur University	Dec, 1996	73.95%
B.E. (Production Engg.)	College of Engineering, Badnera (Presently Prof. Ram Meghe Institute of Technology & Research, Badnera)	Amravati University	June, 1992	62.85%
H.S.C.	Brijlal Biyani Science College, Amravati	Nagpur Board, Nagpur	March 1988	63.17%
S.S.C.	Z.P. High School, Manikwada	Nagpur Board, Nagpur	March 1986	82.42%

## ACADEMIC PROJECTS

<i>Level</i>	<i>Title of the Project</i>	<i>Description</i>
M.Tech.	Development of Optimal Maintenance Policy for Mahindra & Mahindra Ltd., Nagpur	Formulation of effective and desirable maintenance policy for the plant considering its characteristics, production constraints and cost-structure & further establishing the maintenance schedule.
B.E.	Design and Development of Vacuum Forming Moulds	Design and manufacturing of wooden thermoforming moulds suitable for large-scale production; considering the product and process features.

## CONSULTANCY

<i>Title of the Project</i>	<i>Organisation</i>	<i>Duration</i>	<i>Amount (Rs.)</i>
Resource Optimization	Garware Polyester, Aurangabad	June, 21- July 10, 2008	20000
Course in AutoCAD	SRKN Engg. College, Nagpur	Feb, 25-Mar, 09, 2008	26500
Workstation and Ergonomic Assessment	Midland Diesel Services Pvt. Ltd., Nagpur	Feb, 22-27, 2007	12000
Course in AutoCAD	SRKN Engg. College, Nagpur	Sept, 15-29, 2004	7500
Development of World Class Web Material	Sun-Ind Systems Pvt. Ltd., Pune	July 2000-June 2002	100000

## **EXPERIENCE**

### ***About 16 years' experience in Engineering Education***

<i>Duration</i>	<i>Organisation</i>	<i>Post Held</i>
Sept, 16, 2008 to till date	Visvesvaraya National Institute of Technology (VNIT), Nagpur	Assistant Professor, Mechanical Engg.
Sept, 17, 2007 – Sept, 15, 2008	SRKN Engg. College, Nagpur	Assistant Professor, Industrial Engg.
Jan, 18, 2004 – Sept, 16, 2007	SRKN Engg. College, Nagpur	Senior Lecturer, Industrial Engg.
Sept, 11, 2002- Jan, 17, 2004	SRKN Engg. College, Nagpur	Lecturer, Industrial Engg.
Aug, 21, 1997- Sept, 9, 2002	AISSMS College of Engg., Pune	Lecturer, Production Engg.
Sept, 2, 1997- Jan, 10, 1998	AISSMS College of Engg., Pune	Incharge HOD, Production Engg. Department
Aug, 1, 1994- June, 30, 1995	Late Vasantdada Polytechnic, Nagpur	Lecturer, Mechanical Engg.
Sept, 1, 1993- April, 30, 1994	Govt. Polytechnic, Yavatmal	Visiting Lecturer, Mechanical Engg.

Also worked as **Visiting Faculty** for AISSMS College of Hotel Management & Catering Technology, Pune for three academic years.

## **INDUSTRIAL TRAINING**

<i>Organisation</i>	<i>Duration</i>
Mahindra & Mahindra Ltd., Nagpur	July, 1, 1996- Dec, 31, 1996

## **CONFERENCES/ WORKSHOP ATTENDED**

<i>S.No.</i>	<i>Title</i>	<i>Organiser</i>	<i>Dates</i>
1	Solidworks	GH Raisoni College of Engg., Nagpur	Sept, 17, 2004
2	Object Oriented Design & Analysis with Fundamentals Of Rational Rose	SRKN Engg. College, Nagpur	Aug, 5 & 6, 2004
3	Rapid Prototyping & Its Applications	Priyadarshini College of Engg. & Architecture, Nagpur	March, 8, 2004
4	Technical Education in the New Millennium: Management and Challenges	College of Engineering, Osmania University, Hyderabad	March, 12 & 13, 2000

## **GATE SCORE**

GATE 95 | Percentile 90.36

All India Rank: 130

## **COMPUTER SKILLS**

AutoCAD2010, Windows 7, MS-Office 2010, Internet basics, E-Com fundamentals

## **PUBLICATIONS**

### **BOOKS**

<i>S.No.</i>	<i>Title</i>	<i>Publisher</i>	<i>Date of Publication</i>
1	Engineering Drawing: With an Introduction to AutoCAD	Tata McGraw Hill	October 2007
2	Engineering Graphics (WBUT series)	Tata McGraw Hill	April 2008
3	Engineering Graphics	Tata McGraw Hill	August 2008
4	Engineering Graphics (KIIT)	Tata McGraw Hill	August 2010

### **RESEARCH PAPERS**

#### **INTERNATIONAL**

<i>S.No.</i>	<i>Title</i>	<i>Journal/Conference</i>	<i>Date of Publication</i>
1	Minimization of engine assembly time by elimination of unproductive activities through 'MOST'	2nd International Conference on Emerging Trends in Engineering and Technology	Dec, 2009
2	Capacity Planning In A Process Automated Service Sector Using Work Sampling Technique*	PCEA-IFTToMM International Conference – PICA 2006	July, 12-14, 2006

**\* Awarded 2<sup>nd</sup> Prize**

#### **NATIONAL**

<i>S.No.</i>	<i>Title</i>	<i>Journal/Conference</i>	<i>Date of Publication</i>
3	Study of Effect of Mixing Time on Concrete Properties	Udyog Pragati Vol. 32, No. 3	April-June, 2008
4	Total Productive Maintenance: An Approach to Profitability	National Conference on Organisational Excellence For Global Competitiveness – Quality Edge 2008	January, 19-20, 2008
5	Loss Estimation Methodology For Productivity Improvement In Construction Industry: A Case Study	Udyog Pragati Vol. 31, No. 3	July-September 2007
6	Human Input Measurement Methodology For Engineering Education	The Journal of Engineering Education	January, 2007
7	Performance Improvement in Service Sector- Case of Engineering Education	National Conference on Organisational Performance Improvement Techniques – Quality Introspect 2006	March, 18-19, 2006
8	On Some Aspects of TPM Implementation: A Case Study	National Conference on Emerging Trends in Mechanical Engg., KDKCE, Nagpur	February, 6-7, 2004
9	On Some Aspects of Capacity Planning in a Hospital: A Case Study	Industrial Engineering Journal Vol. XXVIII No. 3	March 1999
10	Capacity Planning in a Hospital	National Convention on Changing Role of Industrial Engineering, VIT, Pune	February, 6-7, 1998

## **SPECIAL LECTURES DELIVERED (TRAINING MODULES)**

<i>Training Module</i>	<i>Event/Programme</i>	<i>Target Group</i>	<i>Date(s)</i>
How to Prepare for Aptitude Test?	Electronics Dept, YCCE, Nagpur	Third Year Engg. Students	February, 06, 2008
Preparation For Aptitude Tests/ Campus Interview	Aptitude Training Activity	Second Year Engg. Students	May, 29, 2007
How to Prepare for Aptitude Test?	T & P Activity	Third & Final Year Engg. Students	March, 15, 2007
Aptitude Development- Tips & Tricks	T & P Activity	Third Year Engg. Students	Jan, 26, 2007
Analytical Ability	WAD Dip 2007	Polytechnic Students	Jan, 09, 2007
Quantitative Techniques	WAD Dec 2006	Engg. Students	Dec, 22, 2006
Analytical Ability	WAD Dip 2006	Polytechnic Students	Jan, 27, 2006
Analytical Ability	WAD Dip 2005	Polytechnic Students	Jan, 2005

## **CORPORATE TRAINING PROGRAMMES CONDUCTED**

***Around 100 HUMAN RESOURCE Training programmes in reputed industries (in following areas:)***

Kaizen, TPM, 5S, Training for Trainers, Project Management Techniques, Productivity Management Techniques, Lean Manufacturing, Six Sigma, Positive Thinking, Leadership Skills, Motivation, Problem Solving, Decision Making, Worker's role in Industry, Supervisory Skills, Ergonomic Workplace Design, Team Building, Recent Trends in Industry, Time Management, Industrial Safety, Stress Management, Presentation Skills, Interpersonal Skills, etc.

## **SHORT TERM COURSES ATTENDED**

<i>S.No.</i>	<i>Title</i>	<i>Organiser</i>	<i>Duration</i>
1	Mechanical Engineering Drawing using CAD	IUCEE	June, 22, 2009- June, 26, 2009 (1 week)
2	Research Methodology & opportunities	VNIT, Nagpur	May, 11, 2009- May, 15, 2009 (1 week)
3	CEP Course on CAE (CEQIP)	IIT Bombay	Nov, 17, 2008- Nov, 21, 2008
4	Achieving Quality Excellence in Technical Education (AICTE-ISTE sponsored)	Jawaharlal Darda Institute of Engineering & Technology, Yavatmal	Dec, 04, 2006- Dec, 08, 2006 (1 week)
5	IPR Workshop on IT/Electronics, Telecomm, Nanotechnology, Electrical, Mechanical & General Engineering (EU-India TIDP)	Intellectual Property Training Institute, Nagpur	Oct, 09, 2006- Oct, 13, 2006 (1 week)
6	Product Design & Development (TEQIP)	YCCE, Nagpur	Jan, 17, 2006- Jan, 21, 2006 (1 week)
7	Faculty Development (AICTE sponsored)	VNIT, Nagpur	Jan, 5, 2004-Jan, 17, 2004 (2 weeks)
8	Quality Costs: Estimation and Techniques of Reduction (ISTE sponsored)	SRKN College of Engg., Nagpur	Sept, 27, 1999- Oct, 08, 1999 (2 weeks)

## **SPECIAL CHARGES HANDLED**

<i>S.No.</i>	<i>Charge</i>	<i>Organisation</i>	<i>Duration</i>	<i>Achievement</i>
1	Engineering Drawing Coordinator	VNIT, Nagpur	Jan, 2010 – June, 2010	----
2	Officer In Charge, RTM Nagpur University's PG Theory Exam.	Exam Centre: SRKNEC, Nagpur	May, 03-20, 2008	----
3	Engineering Drawing Incharge	SRKN Engg. College, Nagpur	2003-2004 to 2007-2008	Continuous Improvement in the result. Well appreciated by HOD, co-faculty & students.
4	Incharge-Departmental Library	SRKN Engg. College, Nagpur	2005-2006 to 2007-2008	Developed d-Lip, computerized library management system.
5	Incharge, Industrial Express, Departmental Newsletter	SRKN Engg. College, Nagpur	2006-2007 to 2007-2008	The newsletter well appreciated by the Management, HOD, faculty & students.
6	Incharge, Aptitude Training, Industrial Dept.	SRKN Engg. College, Nagpur	2007-2008	Huge response & well appreciation from the students. 250 out of 300 students got placement.
7	Incharge- Souvenir, TIE 2K6	SRKN Engg. College, Nagpur	Feb, 2006	The Souvenir well appreciated by the Management, Sponsors, HOD, faculty & students.
8	Incharge-HOD	AISSMS College of Engg, Pune	Sept, 2, 1997-Jan, 10, 1998	----
9	Engineering Drawing Coordinator	AISSMS College of Engg, Pune	1997-1998 to 2001-2002	Continuous Improvement in the result. Well appreciated by HOD, co-faculty & students.
10	Presiding Officer	Pune Municipal Corporation	Election 2002	----

## **SUBJECTS TAUGHT**

<i>Level</i>	<i>Subject Group</i>	<i>Years (Experience)</i>
<b>PG</b> (M.Tech.)	Planning & Controlling of Manufacturing Systems	<b>5</b>
	Methods Engg. & Ergonomics	<b>7</b>
	Manufacturing System Simulation & Control	<b>2</b>
	Communication	<b>4</b>
<b>UG</b> (B.E.)	Engg. Drawing/ Graphics (including AutoCAD)	<b>16</b>
	Manufacturing Processes, Metal Cutting & Machine Tools, Production Processes, Production Engg.	<b>6</b>
	Industrial Organisation & Management, Industrial Management, Industrial Engineering	<b>6</b>
	Methods Engg.	<b>8</b>
	Hydraulics/Fluid Power Engg.	<b>6</b>
	Hotel Engg. & Services	<b>3</b>
	Machine Drawing & Computer Graphics	<b>2</b>
	Element of Mechanical Engg.	<b>2</b>
	Ergonomics & Value Engg.	<b>4</b>
	Engg. Drawing	<b>2</b>
	Hydraulics/Fluid Power Engg.	<b>2</b>
<b>Diploma</b> (Polytechnic)	Production Technology / Engineering	<b>2</b>

## **CONFERENCES/ WORKSHOPS/ COURSE ORGANISED**

<i>Conference/ Workshop/ Course</i>	<i>Capacity</i>	<i>Organisation</i>	<i>Target Group</i>	<i>Date(s)</i>
<b>Course in AutoCAD</b>	<b>Co-coordinator</b>	SRKNEC, Nagpur	UG Students	Feb, 25 – Mar 09, 2008
<b>Engg. Drawing: Success Tips</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	Mar, 01, 2007
<b>Skills in Isometric Drawing</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	Mar, 01, 2007
<b>Research Methodology in Engg. &amp; Technology</b>	<b>Organizing Committee Member</b>	ISTE & SRKNEC, Nagpur	Engineering Faculty	June, 25-29, 2007
<b>Engg. Drawing: Success Tips</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	Feb, 20, 2007
<b>Skills in Isometric Drawing</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	Feb, 20, 2007
<b>Quality Introspect 2006</b>	<b>Organizing Committee Member</b>	Institution of Engineers (I), Nagpur Chapter	Engineering Professionals	March, 18-19, 2006
<b>Engg. Drawing: Success Tips</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	March, 11, 2006
<b>Skills in Isometric Drawing</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	March, 11, 2006
<b>TIE-2K6</b>	<b>Coordinator</b>	SRKNEC, Nagpur	All Engg. Students	Feb, 23-25, 2006
<b>Engg. Drawing: Success Tips</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	March, 21, 2005
<b>Skills in Isometric Drawing</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	March, 20, 2005
<b>Course in AutoCAD</b>	<b>Co-coordinator</b>	SRKNEC, Nagpur	UG Students	Sept, 15-29, 2004
<b>Skills in Isometric Drawing</b>	<b>Chief Organiser</b>	SRKNEC, Nagpur	First Year Students	Feb, 15, 2004
<b>Workshops on Aptitude Development (WADs) WAD 2003, WAD 2004, WAD-PG 2004, WAD-DIP 2004, WAD 2005, WAD 2006, WAD-DIP 2006, WAD Dec 2006 &amp; WAD-DIP 2007</b>	<b>Organizing Committee Member</b>	SRKNEC, Nagpur	UG Students/ PG Students/ Polytechnic Students	Dec/ Jan of respective years

## **SPECIAL ACHIEVEMENT**

**More than 95% results of the subjects: Industrial Management, Production Engg, Machine Drawing & Computer Graphics**

## **OTHER INFORMATION**

Worked as a **Member of PG Admission Committee** (2010), VNIT, Nagpur.

Worked as a **Member of PG Admission Committee** (2009), VNIT, Nagpur.

Worked for **External Officer** for Stock Verification-2009 (Library) at VNIT, Nagpur.

Worked as **Officer In Charge** for RTM Nagpur University's PG (Theory) Examinations Summer 2008 at SRKNEC centre.

**Registered Supervisor (Guide) for M. E. by Research (Production Engg.) & M. E. by Research (Mechanical Engg.)** at RTM Nagpur University

Worked, for 5 years, as **Paper-setter, Examiner & External Examiner** for Nagpur University's Engg. (Theory & Practical) examinations

Worked, for 5 years, as **Chairman of Panel of Paper-setters, Paper-setter, Examiner & External Examiner** for Pune University's Engg. (Theory & Practical) examinations

Worked, for 3 years, as **Paper-setter & Examiner** for Pune University's BHMCT examinations

Worked as **Controller of Examinations, Examiner & External Examiner** for Board of Technical Examinations, Bombay's (BTE) Diploma Engg. (Theory & Practical) examinations.

Participated in Pune University's Engg. **Curriculum Development** Meetings

Guided many **Industry Oriented Undergraduate/Postgraduate Projects**. Project areas include: MRP, Supply Chain Management, Productivity Improvement, Low Cost Automation, Design and Development of fixtures, Ergonomics, etc.

Worked as **Committee Member** for Pratishruti 2003, Pratishruti 2004, Pratishruti 2005 & Pratishruti 2006 at SRKN Engg. College, Nagpur.

Worked as **Judge** for the Project Competition for Mechanical Engg. At G H Raisoni, Polytechnic, Nagpur (dt. 15.03.2008)

Worked as **Judge** for Technical Session at National Level Students' Symposium – ASCENT-2008 organised by Umrer College of Engineering, Umrer on 23.03.2008

Worked as **Expert** for Selection Committee for Faculty at NUVA College of Engineering, Nagpur on 09.03.2008

## **MEMBERSHIPS OF PROFESSIONAL BODIES**

**Member of** Indian Institute of Industrial Engineering

**Life – member of** ISTE (**Membership No: LM 25399**)

**Member of** The Institution of Engineers (India) (**Membership No: M/129130/5**)

## **HOBBIES AND INTERESTS**

**Drawing & Painting**

**Cultural Activities**

**Date:**

**Place:**

**SIGNATURE**