# BRIEF RESUME

## Dhananjay A. Jolhe

**Designation:**    Assistant Professor,

Dept. of Mechanical Engineering,

Visvesvaraya National Institute of Technology (VNIT), Nagpur-440010

*(Presently on deputation to IIT Bombay for pursuing Ph D)*

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## ACADEMICS QUALIFICATIONS

- **B.E. (Production Engineering)** 63% [Prof. Ram Meghe Institute of Technology & Research, Badnera]
- **M. Tech. (Industrial Engineering)** 74% [Visvesvaraya National Institute of Technology, Nagpur]
- **Ph. D. (Manufacturing Engineering)** In progress [Indian Institute of Technology Bombay]

## CONSULTANCY

- **Resource Optimization** [Garware Polyester, Aurangabad]
- **Workstation and Ergonomic Assessment** [Midland Diesel Services Pvt. Ltd., Nagpur]
- **AutoCAD Training** [SRKN Engg. College, Nagpur]
- **Development of World Class Web Material** [Sun-Ind Systems Pvt. Ltd., Pune]

## COMPUTER SKILLS

**AutoCAD 2010, Windows 7, MS-Office 2010, Internet basics, E-Com fundament**

## EXPERIENCE

*About 16 years experience in Engineering Education*

- **Visvesvaraya National Institute of Technology, Nagpur** [Sept, 16, 2008 to till date]
- **SRKN Engg. College, Nagpur** [Sept, 11, 2002- Sept, 15, 2008]
- **AISSMS College of Engg., Pune** [Aug, 21,  1997-Sept, 9, 2002]
- **Late Vasantdada Polytechnic, Nagpur** [Aug, 1, 1994-June, 30, 1995]
- **Govt. Polytechnic, Yavatmal** [Sept, 1, 1993-April, 30, 1994]

## SPECIAL LECTURES DELIVERED (TRAINING MODULES): 10

## CONFERENCES/ WORKSHOPS/ COURSE ORGANISED: 15

**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.

## PUBLICATIONS (BOOKS)

- **Engineering Drawing: With an Introduction to AutoCAD** [Tata McGraw Hill] October 2007
- **Engineering Graphics (WBUT series)** [Tata McGraw Hill] April 2008
- **Engineering Graphics** [Tata McGraw Hill] August 2008
- **Engineering Graphics (KIIT)** [Tata McGraw Hill] August 2010

## PUBLICATIONS (RESEARCH PAPERS)

1. **Minimization of engine assembly time by elimination of unproductive activities through 'MOST'** [2nd International Conference on Emerging Trends in Engineering and Technology, December 2009]

2. **Capacity Planning In A Process Automated Service Sector Using Work Sampling Technique** [PCEA-IFToMM International Conference – PICA 2006]

3. **Study of Effect of Mixing Time on Concrete Properties** [Udyog Pragati Vol. 31, No. 3]

4. **Total Productive Maintenance: An Approach to Profitability** [National Conference on Organisational Excellence For Global Competitiveness – Quality Edge 2008]

5. **Loss Estimation Methodology For Productivity Improvement In Construction Industry: A Case Study** [Udyog Pragati Vol. 31, No. 3]

6. **Human Input Measurement Methodology For Engineering Education** [The Journal of Engineering Education]

7. **Performance Improvement in Service Sector- Case of Engineering Education** [National Conference on Organisational Performance Improvement Techniques – Quality Introspect 2006]

8. **On Some Aspects of TPM Implementation: A Case Study** [National Conference on Emerging Trends in Mechanical Engg., KDKCE, Nagpur]

9. **On Some Aspects of Capacity Planning in a Hospital: A Case Study** [Industrial Engineering Journal Vol. XXVIII No. 3]

10. **Capacity Planning in a Hospital** [National Convention on Changing Role of Industrial Engineering, VIT, Pune]

## PRESENT AREA OF RESEARCH:

Quality Engineering/ Management (including SPC, SQC, Six Sigma, Process Capability, Quality Cost), Business Process Management, TOC, Throughput Maximization, (Probable Tools: Simulation, DOE, ANOVA, Statistical Techniques, AHP, any other suitable tool).