

Curriculum Vitae

Name : Mangesh Yashwant Khalkar

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- **Educational Qualification:**

Sr. No.	Degree	Specialization	College	University	Mark and Class	Year of Passing
1	M.E.	Manufacturing and Automation	K.K.W.I.E.E.R. Naskik	Pune	78% Distinction	2013
2	B.E.	Production	K.K.W.I.E.E.R. Naskik	Pune	70.6% Distinction	2007
3	Diploma	Mechanical	Government Polytechnic Nashik	Nashik	77% Distinction	2004

- **Experience:**

1. Working as **Assistant Professor** in the Department of Production Engineering (NBA Accredited) at Karmaveer Kakasaheb Wagh Institute of Engineering Education and Research Nashik, Maharashtra.

Joining Date: 28th July 2010 (Working till date)

Subjects taught

First Year : Basic Mechanical Engineering, Engineering Graphics, AutoCAD.

Second Year : Strength of Materials, Theory of Machines

Third Year : Kinematics of Manufacturing Machines, Numerical technics, Industrial Engineering

Final Year: Financial Management and Accounting

2. Worked as **Production Engineer** in Right Tight Fasteners, Satpur, Nashik.

Period: from 1st Aug'07 to 31st Aug 2009 (**Two years**).

- **Responsibilities handled:**

- 1) Design & Development of nuts
- 2) Preparation of Pre-Dispatch Inspection reports
- 3) Preparation of Feasibility Reports
- 4) Calibration Of Gauges
- 5) Scheduling of production line

- **Key responsibilities handled**

- 1) Worked in Editorial board committee of International conference ICMAX, organized by Production Engineering Department held on 3-4th March 2017.
- 2) Worked on NBA criteria 5 (Faculty contribution).
- 3) Assisted Dr. P.J. Pawar in Research Proposal of development of robotic manipulator funded by BCUD Pune University, Pune. (During 2013-14)

- **Other Experience:**

- 1) Attended T.E. Production syllabus revision workshop held in October 2016.
- 2) Worked in organizing committee of one week workshop on optimization aspects of Robotics and Computer Integrated Manufacturing organized by Department of Production Engineering, KKWIEER Nashik on 16-20th Jan 2016.
- 3) Worked as Co-coordinator in two days workshop on Research methodology organized by Department of Production Engineering, KKWIEER Nashik.
- 4) Working as System Analyst in Production Central Assessment Process.
- 5) Working as Departmental Alumni Co-ordinator, Library co-ordinator, Seminar Co-ordinator in Department of Production Engineering.

- **Publications in National Journals:**

- Optimum movement control of Redundant Manipulators using Simulated Annealing algorithm, *Industrial Engineering Journal*, Vol.6 Issue.7, pp.6-9. 2013.

Paper Presented and Published in International Conferences

- Name of the conference: ICMAX-2017 held at K.K.W.I.E.E.R. Nashik on March 3-4th 2017. Title of the paper: *Effect of cry treated Ni-Ti alloys and copper electrode on Electric Discharge machining performance measure.*
- Name of the conference: ICMAX-2013 JJTU held at Rajasthan on Jan 28-30th, 2013. Title of the paper: *Optimum movement control of Redundant Manipulators using Simulated Annealing algorithm*

- **Achievements:**

- Secured 1st Rank award in Post graduation.
- Qualified GATE 2016 examination held by Indian Institute of Science, Bangalore.
- Qualified GATE 2013 examination held by Indian Institute of Technology Bombay.

- **Workshops/Seminars attended:**

- 1) One week workshop on Optimization aspects of Robotics and Computer Integrated Manufacturing organized by Department of Production Engineering from 16 to 20 January 2016.
- 2) Two days workshop on Advanced Statistical methods for Tool & Die Design (13-14 September 2014) organized by KKWIEER Nashik 13-14th Sept 2014
- 3) Two days workshop on Research Methodology organized by KKWIEER Nashik (Department of Production Engineering) on 11th and 12th April 2014
- 4) Two days workshop on Simulation in Manufacturing and service Industries held on 1-2nd March 2013 organized by Department of Production Engineering, KKWIEER Nashik.

- 5) One week Faculty Development Program (TEQUIP on Metrology) organized by Sihngad College of Engineering Pune, Maharashtra from 26 Nov. to 1 Dec. 2012.
- 6) One day workshop on Patent Life Cycle Management organized by Department of Production Engineering, KKWIEER Nashik.

- **Computer awareness** : M.S. Office

- **Professional softwares** :

CATIA R17

Autocad

C, C++,

Mr. Mangesh Yashwant Khalkar