



Nirav Bhupatsinh Rathod

Assistant Professor

7 Years 3 Months | M.E. (Machine Design)

Prof. N. B. Rathod has completed M.E. (Machine Design) from Birla Vishvakarma Mahavidhyalaya, V. V. Nagar affilated to GTU. He has Published 6 International & National papers in conference & journals. He is authorized trainer of the software CREO 4.0 (Pro E).

### CONTACT INFORMATION

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### EXPERIENCE

Teaching:7 Years 3 Months

Industry: Nil

Membership:INSTITUTE OF ENGINEERS, QCFI

### Specialisation: MTECH PRODUCTION

**Subject Taught:** Machine Design, Design of machine elements, Machine design and industrial drafting, Dynamics of machinery, Non conventional energy sources, Mechanics of Solids , Material Science And Metallurgy, Elements of Mechanical Engineering, Computer aided design

**Specialization Areas:** Machine Design

#### • Publications/Presented:

#### International / Journal:

Title	Year
CFD analysis of feed water heater at full load condition. Int. J. Mechanthermo. 2012; 3 (1), pp.11-18	2012
Finite element analysis of bevel pinion and bevel gear by changing gear module. Int. J. Engg. Mfg. Sci. 2012; 2(2), pp. 87-94	2012
Stress analysis of Involute bevel gear system by changing torque using ANSYS software. Int. J. Ind. Prod. Engg. Technol. 2012; 2(1). pp. 27-31	2012
Contact stress analysis of bevel gear by changing number of teeth by FEA software ANSYS. Int. J. Software Engg. 2012; 3(2). pp. 85-92	2012
. Heat transfer analysis of oil cooled shell and tube heat exchanger using CFD. Int. J. Ind. Engg. Technol. 2012; 4 (1): pp. 41-46.	2012

<b>National Conference:</b>
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<b>Title</b>	<b>Year</b>
<ul style="list-style-type: none"><li>• “A parametric model of worm with Pro-E wildfire” presented and published in “National conference on recent trends in Engineering &amp; Technology”. 13-14 May 2011.</li></ul>	2011