

CURRICULUM VITAE

Dilip Mangesh Patel

Associate Professor

D.N. Patel C.O.E. Shahada

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Permanent Address

177, Kantanivas Vrindavan nagar
At/p/Tal- Shahada, Dist: Nandurbar (M.S.)
India

Fields of Research Interest

Design Engineering

Finite Element Analysis

Educational Degrees

<i>PhD</i>	University Institute of chemical technology, NMU Jalgaon Department of Mechanical Engineering, J.T. Mahajan C.O.E. Faizpur <i>Thesis: " Limit Load Estimation of Cylindrical Vessel with Oblique Nozzle "</i> .
<i>ME</i>	S.V.R. College of Engineering & Technology, South Gujrat University, Surat.
<i>BE</i>	S.S.V.P.S. C.O.E. Dhule, (Puna university)
<i>A.M.I.E.</i>	Institute of Engineers (India)
<i>Diploma</i>	Govt. Polytechnic, Solapur, (Bombay Board)
<i>Secondary</i>	Vikas High School, Shahada, 1979, 73 %.

Present Position

Associate Professor D.N.Patel C.O.E. Shahada

Professional Experience

- *Lecturer* G.M.C. Polytechnic Shahada (Bombay Board) (1988 to 2006)
- *Associate Professor* C.O.E. Shahada, N.M.U. Jalgaon (2007 – Up to date)

Experience in Research

Working in C.O.E. Shahada as a post graduate teacher.

Research in C.O.E. Faizpur- Worked as a Doctoral Reaserch Fellow in the department of Mech. Engineering

Research in S.V.R. C.O.E. Surat- Worked as a post graduate scholar in the Department of Mech. Engineering.

Member

1. Member of Institution of Engineers (India)
2. Life Member of Indian society for technical education (LMISTE)

List of Publications

Journal Papers

- 1) D.M. Patel, Dr. Bimleshkumar , “Limit Load estimation of Cylindrical Vessel with Oblique Nozzle ”, International journal of Engineering Research & Technology (IJERT) ISSN : 2278-0181, Vol. 2 ISSU 1, November 2013.
- 2) D.M. Patel, Dr. Bimleshkumar , “ Experimental method to analyse limit load in pressure vessel”, International journal of modern Engineering Research (IJMER), ISSN: 2249-6645,Vol. 4 ISS.10, Oct.14, PP. 1-8
- 3) D.M. Patel, Dr. Bimleshkumar , “Pressure vessel limit load estimation by FEM and Experimental method“, International journal of Innovation Research in advanced Engineering (IJIRAE) ISSN : 2349-2163, volume 1 Issue 9 (Oct. 2014) ,PP.109-144.
- 4) D.M. Patel, Dr. Bimleshkumar , “Cylindrical Vessel Limit load Estimation for oblique Nozzle by using Ansys as analysis tool”, Journal of Information , knowledge and research in Mechanical Engineering, (AES) ISSN 0975-668X, Oct. 14 , volume -03 , Issue -01, PP.598-602.
- 5) D.M. Patel, Dr. Bimleshkumar , “Experimental analysis of Pressure Vessel ”, International journal of Engineering Research & Technology (IJERT) ISSN : 2278-0181, Vol. 3 ISSU 9, September 2014.
- 6) D.M. Patel, Dr. Bimleshkumar , “ Finite Element analysis of Cylindrical Vessel with Oblique Nozzle ”, International Advancement in Engineering & Management (ICAEM), Feb 2013.
- 7) D.M. Patel, M.N. Patel , “ Limit Load Estimation of cylindrical Vessel with Oblique Nozzle”, International Journal of Innovation in Mechanica & Automobile Engg. (IJIMAE) ISSN : 2249-2968, Vol.2, Issue-I , September-2011.
- 8) M.S. Desmukh, P.C. Joshi, G.R. Chatol, D.M. Patel , S.U. Patel, “ Finite Element Analysis of Obique Nozzle Pressure Vessel”, International Conference on Recent Trends in Engineering & Technlogy (ICRTET) ISBN No. 978-81-926080-06/22-24 Feb. 2013.

- 9) Prashant N. Pakale, Prof. D.M. Patel, A review of “ Design, Analysis and Experimental Investigation of composite Leaf Spring” International Research Journal of Engineering & Technology (IRJET) , ISSN-2395-0056 2016, Impact Factor : 4.45
- 10) Prashant N. Pakale, Prof. D.M. Patel, “ Design, Analysis and Experimental Investigation of composite Leaf Spring” International Journal of Scientific Research in science ,Engineering & Technology (IJSRSET) Volume 2, Issue 6 / ISSN-2395-1990 /Dec. 2016, P. No. 567-575
- 11) Yogesh P Shingane, Dr. D.M.Patel, Prof. H.G.Patil, Review on finite element analysis of two wheeler suspension helical spring for conventional and composite material. Volume 4, Issue 7, July 2017. P.No. 222-226
- 12) Yogesh P Shingane, Dr. D.M.Patel, Prof. H.G.Patil, Comparative analysis of two wheeler suspension helical compression spring for conventional and composite material at different loading condition. Volume 3, Issue 7, July 2017. P.No. 1-11

List of Conference Papers

- 1) ‘ Experimental & Vibration Analysis of tooth Error in Gear Transmission’ at COE Faizpur.
- 2) ‘ Evolutionary Optimization of Mechanical in CSE’ at vallab Vidyanagar, Gujrat.
- 3) ‘ Multidispenary Optimization of LH2 Turbopump Design ‘ at vallab Vidyanagar, Gujrat.
- 4) Thermal Performance of a Graphite Foam Material for Cooling Power Electronics’ at Vallab Vidyanagar, Gujrat.

Workshop Attended

- 1) Attended 5 days workshop on “ Research & Methodology ” at NMU, Jalgaon.
- 2) Attended 5 days workshop on “ EDP ” at Govt. Polytechnic Nashik.
- 3) Attended 1 days workshop on “ Non Conventional Energy Source ” at RCPET, Shirpur.
- 4) Attended 15 days workshop on “ Solid works as a CAD tool ” at Govt. Polytechnic, Aurangabad.
- 5) Attended 5 days workshop on “ Advance Application of Finite Element Analysis ” at SVNIT, Surat.

Work order by NMU

Sr. No.	Name of Committee	Date of order	Class
1	L.I.C. Committee chairman NMU Jalgaon to Gulabrao Devkar C.O.E. Jalgaon	07/03/2017	-
2	L.I.C. Committee chairman NMU Jalgaon to Govt. C.O.E. Jalgaon	07/03/2017	-
3	Chairman Board of paper setter & examiners	13/02/2017	M.E. (Mech) MD
4	Chairman Board of paper setter & examiners	08/09/2014	M.E. (Mech) General
5	Chairman Board of paper setter & examiners	08/09/2014	M.E. (Mech) MD
6	Chairman Board of paper setter & examiners	13/02/2014	B.E. (Mech) MD III old
7	Chairman Board of paper setter & examiners	13/02/2014	B.E. (Mech) Fluid Machinery

Personal

Date of birth: June 1963

Place of birth: Hingani, Tal-Shahada

Spouse: Asha

Son: Ujwal