

Name Mr. Yadav Milind Shashikant

Date of Birth 16/10/1978

Highest Qualification Branch / Specialization Master of Technology
Mechanical with specialization in Automobile Engineering

Designation Associate Professor

Department Mechanical Engineering

Date of Joining the Institute 01/07/2002



Work Experience Working as Associate Professor in Mechanical Engineering Department at Finolex Academy of Management and Technology, Ratnagiri from 2012 till date.

Worked as Assistant Professor in Mechanical Engineering Department at Finolex Academy of Management and Technology, Ratnagiri from 2008 to 2012.

Worked as Senior Lecturer in Mechanical Engineering Department at Finolex Academy of Management and Technology, Ratnagiri June 2008 to August 2008.

Worked as Lecturer in Mechanical Engineering Department at Finolex Academy of Management and Technology, Ratnagiri from 2002 to 2008.

Number of Papers Presented/Published in National/International Journals 8

Details

1. Study of An Alternate Manufacturing Process Of Piston Pin, International Journal of Research in Engineering and Technology(IJRET), 4(11), 322-326, 2015

2. Investigation of Significant Process Parameter in Manganese Phosphating of Piston Pin Material By Using ANOVA, International Journal of Engineering Research and Applications (IJERA), 5(12), 17-20, 2015

3. Investigate the Effect of Phosphate Surface Coating on the Fatigue Performance of the Piston Pin Materials, International Journal Of Mechanical Engineering & Technology (Ijmet),6(11),244-250, 2015
4. Research paper titled, "Hydraulic Jump Formed Due To Normal and Oblique Impingement of Circular Liquid Jet on A Flat Horizontal Surface", published in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, Volume 2, Issue 5, May 2012)
5. A book on "Novel Variable Compression Ratio Engine", published by Lambert Academic Publishing house, Germany
6. Research paper titled "Investigations on generation methods for oxy-hydrogen gas, its blending with conventional fuels and effect on the performance of internal combustion engine" published in Journal of Mechanical Engineering Research Vol. 3(9), pp. 325-332, 21 September, 2011, Available online at <http://www.academicjournals.org/jmer>, ISSN 2141 - 2383 ©2011 Academic Journals.
7. Research paper titled "Generation of producer gas by pyrolysis and its experimental application to IC engine" , published in International Journal of Applied Engineering (I J AE) 1 (2011) pages 85-90, Eureka Press
8. Research paper titled "Investigations On OXY-HYDROGEN Gas and PRODUCER GAS, as Alternative fuels, on the performance of twin cylinder diesel engine", published in International Journal of Mechanical Engineering and Technology (IJMET), ISSN 0976 – 6340(Print) ISSN 0976

– 6359(Online) Volume 2 Issue 2, May – July (2011), pp. 85-98

9. Research paper titled "Improvement in the Operating Characteristics of Internal Combustion Engine using Variation in Compression Ratio", published in International Journal of Recent Trends in Engineering, Vol. 1, No. 5, Academy Publisher, May 2009

10. Research paper titled "All metal low resistance Oxy hydrogen gas generator and its integration with Variable compression ratio engine", published by Journal of Applied Mechanics and Materials, Trans Tech Publication, Switzerland,
doi:10.4028/www.scientific.net/AMM.393.481

11. Research paper titled, "Investigation of Spring back design process parameters and effect of unloading Elastic Modulus in V bending of Aluminium HE9", published by International Journal of Modern Trends in Engineering and Research (IJMTER) ISSN – 2349-9745.

Number of Papers
Presented/Published
in National/
International
Conferences
Details

4

1. Research paper titled, "Investigation of Spring back design process parameters and effect of unloading Elastic Modulus in V bending of Aluminium HE9", presented at 4th International Conference on Recent Trends in Engineering & Technology (ICRTET-2015) (July 2-4, 2015) Organized by SNJB's KBJ College of Engineering, Chandwad, Nashik, Maharashtra, India.

2. Research paper titled "All metal low resistance Oxy hydrogen gas generator and its integration with Variable

compression ratio engine”, presented at International Conference on Advances in Mechanical Engineering (ICAME 2013), organized by University of Technology, MARA, MALEKA, KAULALAMPUR, MALAYSIA, 28-29 August 2013.

3. Research paper titled “Improvement in the Operating Characteristics of Four Stroke Internal Combustion Engine using Variation in Compression Ratio”, published in the Proc. of the International Conference on Advances in Mechanical Engineering, August 3-5, 2009 S.V. National Institute of Technology, Surat – 395 007, Gujarat, India

4. Research paper titled “Improvement in the Operating Characteristics of Two Stroke Internal Combustion Engine using Variation in Compression Ratio”, published in the Proc. of the International Conference on ‘Advances in Mechanical Engineering’, December 15-17,2008, S.V. National Institute of Technology, Surat – 395 007, Gujarat, India

Number of Workshops, STTPs Attended	NIL
Details	NIL

Students projects Guided at Masters Level	04
Details	

1. Investigation of Spring back design process parameters and effect of unloading Elastic Modulus in V bending of Aluminium HE9
2. Investigate the effect of Phosphate Surface coating on the fatigue performance of piston pin material
3. Effect of shot peening parameters on fatigue life: An analysis using Taguchi Technique
4. Robust Design for the improvement of performance of the Scotch Yoke actuator by Taguchi Design of Experiments

Membership in Professional Bodies

Details

1. Indian Society of Technical Education (I.S.T.E)
2. Member of Society of Automotive Engineering (SAE), India

**Seminars/Lecture/
Invited Talks
Delivered As
Resource Person**

1

Details

One day workshop and training on Basics of Automotive Fault Finding imparted to members of Fire and Safety Department of Finolex Industries Limited, Ratnagiri

Awards / Honours / Prizes

NIL

Details

NIL

**Research /
Sponsored /
Consultancy
Projects**

NIL