

Name **MR. KAUSHAL K. PRASAD**  
**B.Tech.(Mech. Engg.), M.Tech.**  
**Thermal Engg., Ph.D.**

Date of Birth **01/03/1976**

Highest Qualification **Ph.D. (I.I.T.,Bombay)**  
Branch / Specialization **Mechanical Engineering**  
Designation **Professor, H.O.D & Vice Principal**  
Department **Mechanical Engineering**  
Date of Joining the Institute **02/07/1997**



**Work Experience**

Working with Finolex academy of management and technology as lecturer from 02/07/1997 to till date (18 years' experience)  
Worked as Lecturer at Dr. B.A.T.University, Lonere from July 96 to May 97

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

**6**

**Details**

1. Sanket S. Mulye, Swanand S. Nalawade, Tej S. Shetye, Kaushal K. Prasad, " Performance Testing of CI Engine Fuelled with Blends of Fish Oil Biodiesel and Sea Mango oil Biodiesel with Diesel" International Journal of Alternative fuels, ISSN:2051-5987, Vol.17, Issue.2, 1145-1149.
2. Priyanka Pramod Pawaskar and Kaushal Prasad "Investigation of Metal Stiffner in FRP Composite Gears for Increasing Tooth Bending Strength", International Journal of Mechanical And Production Engineering, 2 (3), 2014 pp: (33-37), ISSN: 2320-2092.
3. Pravin Nana Jadhav, Kaushal Prasad, "Dynamic Analysis of Plates with Spot Welded Stiffeners " , 'International Journal of Enhanced Research in Science Technology & Engineering, Vol. 3 Issue 9, Sept.-2014, pp: (58-65), ISSN: 2319-7463.
4. Pravin Nana Jadhav, Kaushal Prasad , "Vibration Analysis of Plates with Spot Welded Stiffeners " , 'International Journal

of Latest Trends in Engineering and Technology', 3(1), 2013, pp: (162-174), ISSN: 2278-621X

5. Kaushal Prasad., Agrawal A., and Sharma A., "Poiseuille Flow across an Eccentrically Confined Stationary/Rotating cylinder", Ocean Engineering 73 (2013), pp: (41-54) () <http://dx.doi.org/10.1016/j.oceaneng.2013.07.025>
6. Kaushal Prasad, Paramane S., Agrawal A., and Sharma A., "Effect of Channel Confinement and Rotation on the Two-Dimensional Laminar Flow and Heat Transfer across a cylinder", Numerical Heat Transfer A, 60 (2), (2011) pp: (699–726), DOI: 10.1080/10407782.2011.616843.

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

10

1. Aditya R. Prabhukhot, Dr. Kaushal Prasad, " Effect Of Heat Treatment On Hardness Of 6082-T6 Aluminium Alloy" Organized by Saraswati College of Engineering, Khargar, Navi Mumbai on December-2015, Maharashtra, India.
2. Dipak V.Patil, Kushal Prasad, " Modal Analysis of Spot Welded Stiffened plates", International Conference On Emerging Trends in Science Technology Engineering and Management, Organized by Malla Reddy Engineering College (Autonomous) on October-2015.
3. Pravin Nana Jadhav, Prasad Kaushal, "Study of spot welded stiffeners" in National Conference in "Recent Advanced in Engineering and Technology" Organized by Gharda Institute of Technology on November-2013, Maharashtra, India.
4. Prasad K., Agrawal A., and Sharma A., "Effect of Rotationally Oscillating Side Cylinders on Free Stream flow across a Stationary Cylinder", Thirty Ninth National Conference on Fluid Mechanics and Fluid Power, SVNIT Surat, December-2012, , Gujarat, India.
5. Kaushal Prasad., Agrawal A., and Sharma A., "Effect of Cylinder-spacing on flow across three side-by-side Cylinders at Re=100, Proc. IUTAM Symposium on Bluff Body Flows", IIT Kanpur, India, (2011), pp: 167-170.
6. Kaushal Prasad, Paramane S., Agrawal A., and Sharma A., "Forced Convective Flow across a Rotating Cylinder in a Plane Channel, Proc. 20th National and 9th ISHMT-ASME

Heat and Mass Transfer Conference, Mumbai, India, (2010)", PP: 1256-1262.

7. Prasad K., Agrawal A., and Sharma A., "Numerical Analysis of Forced Convective heat Flow across a Rotating Cylinder in a Channel", National Conference on advances in Heat and Mass Transfer, FAMT, Ratnagri, October-2009, Maharashtra, India
8. Kaushal Prasad "Analysis of heat transfer through partially open tilted cavity" State of the art of technologies in Mechanical Engineering JNTU Hyderabad, May-2006, Andhra, India.
9. Kaushal Prasad and R.K. Brahma" Effect of aperture ratio on heat transfer through a partially open tilted cavity" 18th National & 7th ISHMT-ASME Heat and Mass transfer Conference, Guawahati, India (2006), pp:222-228.
10. Kaushal Prasad "Importance of industry institute Interaction" Fourth Maharashtra-Goa State ISTE Convention, Yavatmal, November- 1999, Maharashtra, India.

Number of Workshops, STTPs Attended

10

Details

1. Two day ISTE e-Seminar on "Steps 2 Research" organised by Amal Jyoti College of Engineering, Kanjirappaly in association with ISTE Kerla Section from 19<sup>th</sup> September to 20<sup>th</sup> September 2014.
2. One Week co-ordinator work shop on Fluid Mechanics Conducted by Indian Institute of Technology Kharagpur from 11<sup>th</sup> March to 15<sup>th</sup> March 2014.
3. Two week workshop on "Engineering Mechanics" Conducted by Indian Institute of Technology Bombay in association with ISTE from 26<sup>th</sup> Nov. to 06<sup>th</sup> Dec 2013.
4. One Day Workshop on "Violence against Women" Conducted Jointly by RPGC and WDC of University of Mumbai on 6<sup>th</sup> August 2013.
5. Two week workshop on "Cyber Security" Conducted by Indian Institute of Technology Bombay in association with

ISTE from 10<sup>th</sup> Jul. to 20<sup>th</sup> Jul 2013.

6. One Day Workshop on “Quality Education on Engineering and Technical Institution” Conducted by Finolex Academy of Management and Technology Ratnagiri on 24<sup>th</sup> January 2009.
7. Two day orientation program on “Computational Fluid Dynamics” Conducted by Sardar Patel College of Engineering Bombay from 18<sup>th</sup> September to 19<sup>th</sup> September 2009.
8. Two day work shop on LINUX Conducted by CSEA by Indian Institute of Technology Bombay from 18<sup>th</sup> August to 19<sup>th</sup> August 2007.
9. Two Day Workshop at “SONIC-06” Conducted by International Institute of Information Technology, Pune and Fluent India and WDC of University of Mumbai on from 22<sup>th</sup> September to 23<sup>rd</sup> September 2006.
10. Two Week short term training programme Conducted by K.J. Somaiya College of Engineering Mumbai on “ Technology Development in Refrigeration and Air-Conditioning” approved by ISTE from May 2-12, 2006.

**Students projects  
Guided at Masters  
Level  
Details**

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- Vibration Analysis of Plates with Spot Welded Stiffeners
- Investigation of Metal Stiffener in FRP Composite Gears for Increasing Tooth Bending Strength
- Experimental Parametric study of Scarf Adhesive joint under static tensile load

**Membership in  
Professional Bodies**

**Details**

1. Indian Society of Technical Education (I.S.T.E)

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

1

**Details**

1. Conducted workshop on the subject “Computational Fluid Dynamics” as a resource person at Gharda Institute of

**Technology, Lavel, Chiplun organized by Mechanical Department for mechanical, civil and chemical students.**

**Awards / Honours / Prizes**

**1**

**Details**

**Best Teacher in the area of Engineering Education by Higher Education Forum (HEF) in 2015.**

**Research / Sponsored / Consultancy Projects**

**NIL**