P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	**MOHAMMED RAFI H KERUR**
Designation,	Assistant Professor
Department & Affiliated Institution	Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401
Research Area	Tribology (Fluid film Bearing)
Contact Number	+91 9449679429
Email ID	mhkerur@gmail.com

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	PESCE, Mandya	VTU, Belagavi	2012(Registered)	-	-
M. Tech.,	BEC, Bagalkot	VTU, Belagavi	2007	*72.3*	FCD
B. Sc.,	BEC, Bagalkot	Karnataka University, Dharwad	1997	*62.2*	FC

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Engineering, Mandya	Assistant Professor	08-06-2009 to till date	11 year 2 months

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Undergraduate: Elements of Mechanical Engineering, Kinematics of Machines, Dynamics of Machines, Finite Element Methods, Cad/Cam, Mechanics of Materials. Postgraduate: (M. Tech): Theory of Elasticity, Theory of Plasticity, Experimental Stress Analysis

Research Guidance (Candidates Awarded / Pursuing Ph. D / M.Sc., Engg. / M.Phil.)

Degree	Ph. D.	M.Sc., Engg.	M.Phil.
Awarded	Nil	Nil	Nil
Pursuing	Nil	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	---	04
Conferences/Symposia	01	05

Other Important Responsibilities Held in the College

1. PG Coordinator for Autonomous Examination Section
2. Department Placement Coordinator
3. BoS Member (PG)

LIST OF PUBLICATIONS

1. Mohammedrafi H. Kerur, T. Nagaraju and N. Prapulla. Performance of Porous Journal Bearing with Non-Newtonian Lubricant.10th International Conference on Industrial Tribology-2019, IISc, Bangalore, 1-4 Dec,2019.
2. Mohammedrafi H. Kerur, T. Nagaraju and M. S. Pradeep. Performance of Porous Journal Bearing with Surface Roughness and Thermal Effects. 9th International Conference on Industrial Tribology (ICIT-2017), Kolkata ,6-9 Dec 2017.
3. Mohammedrafi H. Kerur, T. Nagaraju and M.Raviprakash. Study on Thermo-Hydrodynamic Performance of a Finite Journal Bearing, International Journal of Engineering in Mechanical and Civil Engineering (IJERMCE)Vol. 2, Issue 4, April2017, pp. 654-660.
4. Asharani, Mohammed Rafi H. Kerur. "Design and Performance Analysis of a 5 speed Manual Transmission system for Indian drive cycle" International Research Journal of Engineering and Technology (IRJET), Vol.4, Issue 6,2017, pp. 2870-2874.
5. Punith B., Mohammed Rafi H Kerur "Static Structural, Fatigue and Buckling analysis of Jet Pipe Liner by Inducing Corrugation", International Research Journal of Engineering and Technology (IRJET), Vol.4, Issue 6,2017, pp. 1812-1818.
6. Divyarathi., Mohammed Rafi H Kerur "Design and Fatigue Life Estimation of Diesel Engine Piston using Ansys and FeSafe", International Research Journal of Engineering and Technology (IRJET), Vol.4, Issue 6,2017, pp. 3307-3312.
7. Mohammedrafi H. Kerur, T. Nagaraju. 3D Surface Roughness effects on Porous Journal bearing performances, Malaysian International Tribology Conference,16-17 Nov 2015, pp.1-2.
8. Mohammedrafi H. Kerur, T. Nagaraju. Performance Analysis of Porous Journal bearing using Finite Element Method. National Tribology Conference-2014 (NTC-2014) PES University, Bangalore, 15th - 18th 2014.