


Faculty Profile

Name of the Teaching Staff	Dr. H. P. PATIL		
Department	Mathematics		
E-mail	hppatil65@gmail.com		
Present Designation	Professor		
Google Scholar ID			
ORCID			
VIDWAN ID			
Education Qualifications	<ol style="list-style-type: none"> 1. UG 2. PG 3. Ph.D 		
Work Experience in Years			
Teaching	33 years		
Research	10 years		
Industry	...		
Other		
Total	33+10		
Area of Specialization	Fluid Dynamics		
Publication Details	<ol style="list-style-type: none"> 1. Porous Slider Bearing with couple stress fluid. ACTA MECHANICA, vol.85.pp:99-133(1990)(Springer Verlag) Germany. 2. An Analysis of squeeze film action in porous layered bearing. WEAR, vol.145,pp.385-397(1991), Elsevier 		

	<p>U.K.</p> <ol style="list-style-type: none"> 3. The influence of couple stress on the dynamic properties of double layered porous slider bearing. ZAMM, vol. 71. pp. 7 (1991) (AcademicVerlag), Berlin. 4. Analysis of porous step bearings. J.L. Matm. And Phy. Sci. vol.25, (1991) I.I.T.Madras. India. 5. Effect of variable permeability on the performance characteristics of porous Journal bearing. WEAR, vol.155 (1992), pp.7-14,(Isevier)U.K. 6. The effect of variable permeability and roughness in porous bearings. Int. JI, Mech. Sci. vol.24 (1992) Great Britain. 7. Numerical Solution of the MHD Reynolds equation for squeeze- film Lubrication between Porous and Rough Rectangular Plates. ISRN Tribology, Volume 2013(2013). 8. Numerical Solution of squeeze- film Lubrication between Porous and Rough Rectangular Plates. Journal of Porous Media, Volume 16(3): 183-192(2013). 9. Hydromangenetic and Porous squeeze Film Lubrication between Two Rectangular Plates with Non-Newtonian Fluid. Journal of Advanced Computing (2015) Vol. 4 No.1 pp. 22-36.
Professional Memberships	Life Member of ISTE(LM 26467)
No. of Books published with details	One
Book Chapters published
Books Published	Engineering Mathematics-I Himalaya Publication 2006
Reviewer in Journal/Conference
Patents
Academic & Administrative Responsibilities	
FDPs & Workshops Attended	Provide Complete Details with year and Title of Programme

