


1	Name of the Faculty	Dr. JAGADISH B PATIL			
2	Date of joining	01-08-2012			
3	Email id	patiljagadish607@gmail.com			
4	Designation	Associate professor			
5	Department	Mathematics			
6	Education Qualifications	M.Sc, Ph.D.			
7	Work Experience	Teaching	Research	Industry	Others
		11	06	--	--
8	Area of Specialization	Fluid Dynamics			
9	Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/Post Graduate Diploma Level	<p>UG Courses: Engineering Mathematics-1, Engineering Mathematics-2, Engineering Mathematics-3, Engineering Mathematics-4, Additional Mathematics-1 and Additional Mathematics-2.</p> <p>PG Courses: Advanced Engineering Mathematics, Linear Algebra and Topology.</p>			
10	No. of papers published in National/International Journals/Conferences				
	Journals	National	International		
		-	03		
	Conferences	National	International		
		-	01		
	Research Guidance				
Master Degree	Completed	Ongoing			
	-	-			

Ph.D.	-	03
-------	---	----

		-	
11	Patents	-	
		-	
12	Technology Transfer	-	

Publications in International Journals

- 1. Ayyappa G.H, B.N. Hanumagowda, Siddangouda, Siddharam Patil and Jagadish Patil,** MHD Effects on Pivoted curved slider bearings lubricated with couple stress fluids, IOSR Journal of Engineering. Volume 113(6), 2017, pp.325-333. ISSN 1311-8080.
- 2. Ayyappa G.H, B.N. Hanumagowda and Jagadish Patil,** Influence of Magnetic field on a Curved Circular Plate and Flat Plate Lubricated with Non-Newtonian Fluid, IOP Publishing: Journal of Physics: Conference Series, 1473(2020)012011, DOI:10.1088/1742-6596/1473/1/012011.
- 3. Ayyappa G.H, B.N. Hanumagowda, Siddharam Patil and Jagadish Patil,** Theoretical analysis of MHD effects on curved circular plate and rough flat plate with non-Newtonian fluid, International Journal of Research and Analytical Reviews, volume 6(2), ISSN 2349-5138.
- 4. Ayyappa G.H, B.N. Hanumagowda, Dhnraraj Neela and Jagadish Patil,** Theoretical analysis of MHD on characteristics of porous sine slider bearings with non-Newtonian fluid, International Journal of Mechanical Engineering, Vol. 07, issue 4, April 2022, pp. 964-973.

