


## FACULTY PROFILE

<b>Name</b>	:	Dr. Ishwar Maharudrappa	
<b>Date of Birth</b>	:	18/01/1979	
<b>Designation</b>		Assistant Professor	
<b>Department</b>		Mathematics	
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<b>Education Qualifications</b>	:	<b>M.Sc., B.Ed., Ph.D.</b>	
<b>Professional Experience</b>		1. Asst.Professor , Department of Mathematics, Basaveshwar Engineering College since from 18.02.2008 to till the date. 2 .Lecturer, Department of Mathematics Guru Nanak Dev Engineering college (18.03.2006- to 16.2.2008) 3. Guest Lecturer, Constituent degree college, Gulbarga University P.G.Centre, Nandihalli (Bellary District) for 2 years( 2004- 2006)	
<b>Course taught at</b>			
Under Graduate	:	<b>B.E, and B.Sc</b>	
Post Graduate	:	<b>M.Tech (Machine Design)</b>	
Interest Research Area		<b>Mathematics, Fluid dynamics</b>	

## Research Articles Published

1. **M Y Dhange, G C Sankad and Ishwar Maharudrappa**, “Casson fluid flow due to stretching sheet with magnetic effect and variable thermal conductivity”, Frontiers in Heat mass transfer ,July 2022  
<http://dx.doi.org/10.5098/hmt.18.36>
2. **G C Sankad, Ishwar Maharudrappa, M Y Dhange** “Varying wall temperature and thermal radiation effects on MHD boundary layer liquid flow containing gyrotactic microorganisms”. Partial differential equations, Elsevier Publications, July 2021, <http://dx.doi.org/10.1016/j.padiff.2021.100092>
3. **G C Sankad , Ishwar Maharudrappa** “MHD Boundary Layer Flow of Casson Fluid with Gyrotactic Microorganisms over Porous Linear Stretching Sheet and Heat Transfer Analysis with Viscous Dissipation” January 2021, Springer Publications, [http://dx.doi.org/10.1007/978-3-030-68281-1\\_4](http://dx.doi.org/10.1007/978-3-030-68281-1_4)
4. **G C Sankad , Ishwar Maharudrappa and M Y Dhange**, “Bioconvection in Casson fluid flow with gyrotactic microorganisms and heat transfer over a linear stretching sheet in presence of magnetic field” Advances in Mathematics: Scientific Journal , Volume 10/1, Year 2021, Pages 155-169  
<http://dx.doi.org/10.37418/amsj.10.1.16>
5. **G C Sankad and Ishwar Maharudrappa** “ Boundary Layer Flow and Heat Transfer of Casson Fluid Over a Porous Linear Stretching Sheet with Variable Wall Temperature and Radiation” Springer Nature Singapore Pte Ltd. 2019 Numerical Heat Transfer and Fluid Flow, Lecture Notes in Mechanical Engineering, Volume , Year 2018, Pages pp 167-176. [http://dx.doi.org/10.1007/978-981-13-1903-7\\_20](http://dx.doi.org/10.1007/978-981-13-1903-7_20)
6. **Anand h Agadi, M Subhas Abel, Jagadish v Tawade, and Ishwar Maharudrappa**, ”Effect of non-uniform heat source for the UCM fluid over a stretching sheet with magnetic field” International Journal of Advanced Research in Engineering & Technology (IJARET), Volume 4 ISSUE 6, 2013, Pages 40-49
7. **Anand h Agadi, M Subhas abel, Jagadish V Tawade, Ishwar maharudrappa** “ MHD flow and heat transfer for the upper convected maxwell fluid over a stretching sheet

	<p>with viscous dissipation” international journal of advanced research in engineering and technology (IJARET), Volume 4 ISSUE 5, 2013, Pages 231-242</p> <p><b>8.</b> Anand H Agadi, M Subhas Abel, Jagadish V Tawade, Ishwar Maharudrappa “MHD boundary layer flow of a maxwell fluid past a porous stretching sheet in presence of viscous dissipation” International journal of Mechanical Engineering and Technology(IJMET),Volume 4, ISSUE 5, 2013, Pages 156-163</p>
<b>Invited Talks</b>	<ol style="list-style-type: none"> <li>1. Resource person for PGCET Coaching for MCA aspirants conducted at MCA Dept. Basaveshwar Engineering College, Bagalkot during June 2016.</li> <li>2. Resource person for PGCET Coaching for MCA aspirants conducted at MCA Dept. Basaveshwar Engineering College, Bagalkot during 25/6/2014.</li> <li>3. Resource person for PGCET Coaching for MCA aspirants conducted at MCA Dept. Basaveshwar Engineering College, Bagalkot during June 2013.</li> </ol>
<b>Seminars/Conferences/Workshops</b>	<ol style="list-style-type: none"> <li>1. Attended National Workshop on “Basics of Wavelets and Applications”, from 13-15, March 2008 at the Department of Mathematics, Basaveshwar Engineering College, Bagalkot.</li> <li>2. A training programme on Solutions of Partial differential equations by FEM from 02-07-2012 to 13-07-2012 at TIFR-CAM Bangalore</li> <li>3. National workshop on Applications of Mathematics in science and Engineering Technology from 17 -06-2013 to 21-06-2013 at NITTTR, Bhopal(M.P)</li> <li>4. Attended TEQIP-II sponsored three days workshop on “Recent Advances in Thin Film Technology” from 19th to 21st December,2013.</li> <li>5 Attended National Workshop on “GeoGebra: Dynamic Mathematics made easy and Programming with Scilab”, from 28-29, December 2013.</li> <li>6 Online Course on Digital Transformation In Teaching Learning Process conducted during 14/02/2020 to 16/03/2020.</li> <li>7. Online course on MATLAB WORKSHOP WITH APPLICATIONS IN LINEAR ALGEBRA conducted by Bangalore Institute of Technology, Bangaluru during 11/05/2020 to 16/05/2020.</li> </ol>

