


PROFILE			
Name	:	Dr. K.Selvaraj	
Designation	:	Assistant Professor	
Department	:	Mathematics	
Educational Qualification	:	M.Sc., M.Phil., B.Ed., Ph.D.	
Subject of Interest	:	Fluid Dynamics	
Publications:	:	<p><b>International:4</b></p> <p>1. K.Selvaraj and K.Elangovan, “ Study of Multiple Stenosed Artery with Periodic Body Acceleration in Presence of Magnetic Field.”, - International Journal of Scientific Research and Technology (<b>IJSRM</b>), Volume&amp; Issue 4&amp;6, June 2016, Page No. 4214-4226, ISSN: 2321-3418</p> <p>2. K.Selvaraj and K.Elangovan, “Study on heat and mass transfer of MHD Peristaltic flow of blood with chemical reaction.”, - International Journal of Mathematics Trends and Technology (<b>IJMTT</b>), Volume&amp; Issue 37&amp;1, September 2016, Page No.44-54, ISSN: 2231-5373</p> <p>3. K.Selvaraj and K.Elangovan, “MHD peristaltic flow of blood through porous medium with slip effect in the presence of body acceleration.” World Journal of Modelling and Simulation (<b>WJMS</b>), Volume&amp; Issue 13&amp;2, April 2017, Page No.151-160, ISSN: 1746-7233</p> <p>4. K.Selvaraj and K.Elangovan, “Influence of an external magnetic field on the peristaltic flow of a couple stress model of blood flow through a porous medium.” Advances in Mathematics: Scientific Journal</p>	

<p><b>Presented papers in Conferences:</b></p>	<p>(AMSJ), Volume&amp; Issue 8&amp;3, November 2019, Page No. 820-829, ISSN: 1857-8365</p> <p><b>“Unsteady pulsatile visco-elastic fluid flow through porous medium under the effect of magnetic field”,</b> National conference on Challenges and Application of Computational Mechanics (CACM-2014), 21<sup>st</sup> &amp;22<sup>nd</sup> of March 2014. Annamalai University.</p> <p><b>“Heat and Mass Transfer effects on parabolic flow past an accelerated isothermal vertical plate in the presence of chemical reaction and hall current”,</b> International Conference on Mathematical Modelling, Applied Analysis &amp; Computation (ICMMAAC-2023), during 16<sup>th</sup> &amp; 17<sup>th</sup> of March 2023, PMIST, Vallam, Thanjavur.</p>
<p><b>Fellowship Award:</b></p>	<ul style="list-style-type: none"> <li>• Awarded UGC-BSR fellowship from 13.04.2013 to 18.04.2016</li> <li>• Junior research fellow as 2 years Rupees 14.000 per month</li> <li>• Senior research fellow as 1-year Rupees 23.800 per month</li> </ul>