


Dr. SHAFEEURRAHMAN MD			
<b>Designation</b>	Associate Professor		
<b>Qualification</b>	M.Sc, M.Tech, Ph.D (NIT, Warangal), TS-SET Qualified.		
<b>Specilization</b>	Applied Mathematics		
<b>Total Experience</b>	Teaching (Years)	Industry(Years)	Research(Years)
	17		
<b>Research Areas</b>	Advanced Fluid Dynamics		
<b>Contact Details &amp; mail ID</b>	Mobile No: 9866127025 Email Id: <a href="mailto:rahaman16@gmail.com">rahaman16@gmail.com</a> , <a href="mailto:mohmad_s@vaagdevi.edu.in">mohmad_s@vaagdevi.edu.in</a>		
<b>Subjects Taught</b>	Linear Algebra and Calculus, Differential Equations and Vector Calculus , M-I, M-II, M-III, CM, P&S, COSM, SME, OR, MFCS, OOPS, ADS, CN, DBMS,OS,C&DS		
<b>Publications</b>	Journals	Conference	
	8	5	
<b>Papers Published in International Journals</b>	<p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Hall and Ion-Slip Effects on Natural Convection Flow in a Vertical Channel Filled with Nanofluid”,Published in <i>Journal of Nanofluids</i>,Vol. 5 (6), pp. 982-992, 2016.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Mixed Convection Flow of Nanofluid in a Vertical Channel with Hall and Ion-Slip Effects”,Published in <i>Journal of Frontiers in Heat and Mass Transfer</i>,2017. DOI: 10.5098/HMT.8.11</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,,“Hall and ion-slip Effects on Mixed Convection flow of a Nanofluid between two Concentric Cylinders”,Published in <i>Journal of Association of Arab Universities for Basic and Applied Sciences</i>,2017. dx.doi.org/10.1016/j.jaubs 2017.03.002.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Entropy generation due to MHD</p>		

	<p>mixed convection of a nanofluid between two concentric cylinders with radiation and Joule heating Effects”,Published in <i>Journal of Nanofluids</i>,Vol. 6 (6), pp.1227-1237, 2017.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Entropy generation due to MHD mixed convection of a nanofluid in a vertical channel with Joule heating and radiation effects”,Published in <i>International Journal of Engineering and Technology</i>,Vol. 9 (4), pp. 2713-2725, 2017.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Joule heating effect on entropy generation in MHD mixed convection flow of chemically reacting nanofluid between two concentric cylinders”,<i>Published in International Journal of Heat and Technology</i>,Vol. 35 (3), pp. 487-497, 2017.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>, “ Free convection of nanofluid flow in an annulus with Hall and Ion-slip effects”, <i>Lecture Notes in Mechanical Engineering</i>, 2019, ISSN:2195-4356.</p> <p><b>Md. Shafeeurrahman,D. Srinivasacharya</b>, “Radiation effect on mixed convection flow of nanofluid between twoconcentric cylinders with Hall and Ion-slip effects”Communicated to “ <i>Application and Applied Mathematics: An International Journal (AAM)</i>”. Vol. 4, pp. 82-96, 2019, ISSN No: 1932-9466.</p>
<p><b>Papers Communicated in International Journals:</b></p>	<p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“ Joule heating effect on entropy generation in MHD mixed convection flow of chemically reacting nanofluid in a verticalchannel”, Communicated to “<i>Chemical Industry and Chemical Engineering Quarterly</i>”.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Entropy generation in MHD mixed convection flow of a nanofluid between parallel disks with Joule heating, Hall current and Ion-slip effects”, Communicated to “<i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i>”.</p> <p><b>D. Srinivasacharya, Md. Shafeeurrahman</b>,“Entropy generation in Mixed convection flow of a Chemically reacting nanofluid flow between Parallel disks with Radiation effect”,Communicated to “<i>Journal of King Saud University – Science</i>”.</p>
<p><b>Papers Presented at Conferences</b></p>	<p>1. Paperpresented at the ”International Conference on Computational Heat and Mass Transfer” (ICCHMT</p>

	<p>- 2015),NIT, Warangal,  Title of Paper:  “MHDFree Free convection of nanofluid flow in an annulus with Hall and Ion-slip effects in Presence of Joule Heating”  Nov 30-Dec 2, 2015.</p> <p>2. Paperpresented atthe "International Conference on Numerical Heat Transfer and FluidFlow”, NIT, Warangal  Title of Paper:  “ Free Free convection of nanofluid flow in an annulus with Hall and Ion-slip effects”  19 - 21<sup>st</sup> Jan2018</p> <p>3. Paperpresented in the " National Conference on Mathematical Modeling in Science and Engineering”, NIT, Warangal.  Title of Paper:  “ Joule heating effect on entropy generation in MHD mixed convection flow of chemically reacting nanofluid in a verticalchannel”  27-28<sup>th</sup> March 2018</p> <p>4. Paperpresented atthe“International Conference on Computational Fluid Flow and Heat Transfer (CFFHT 2018)”, OsmaniaUniversity, Hyderabad.  Title of Paper:  “Radiation effect on mixed convection flow of nanofluid between twoconcentric cylinders with Hall and Ion-slip effects”  28-29<sup>th</sup> March 2018</p> <p>5. National Conference on Computational Modeling of Fluid Dynamics Problems CMFDP-2019  Title of Paper:  Joule Heating Effect on Entropy Generation in MHD mixed Convection flow of Chemically Reacting Nanofluid in a Vertical Channel  18<sup>th</sup>-20<sup>th</sup> Jan., 2019</p>
<p><b>Workshop/  STTPs/  Conference  Organized:</b></p>	<p>Organized A One day National Workshop On “ Applications of Mathematics in Computer and Engineering Field”, 23<sup>rd</sup> July 2013, as a Coordinator.</p>

<p><b>Conferences / Workshops / STTP Attended:</b></p>	<ol style="list-style-type: none"> <li>1. A one-day National workshop On “ Advanced Mathematical Applications to the Emerging Technocracy and Six Sigma ”, Siddhartha Engineering College, Vijayawada, 24<sup>th</sup> November 2007.</li> <li>2. A one-day Seminar On “Challenges in Current Mathematics Research”, National Institute of Technology, Warangal, 22 October 2010.</li> <li>3. A One day National Workshop On “ Applications of Mathematics in Computer and Engineering Field”, Vaagdevi College of Engineering Warangal, 23<sup>rd</sup> July 2013.</li> <li>4. A Five-day National workshop On “Computational Methods in Engineering and Science”, National Institute of Technology, Warangal, 21-25<sup>th</sup> October 2013.</li> <li>5. Short Term Training Program on “Advanced Computation Methods in Engineering and Science”, National Institute of Technology, Warangal, 01–03<sup>rd</sup> April 2015.</li> <li>6. Short Term Training Program on “Advanced Numerical Methods in Fluid Dynamics”, National Institute of Technology, Warangal, 17–19<sup>th</sup> April 2015.</li> <li>7. Short Term Training Program on “Contemporary Approaches of Applied Mathematics in Science and Engineering”, National Institute of Technology, Warangal, 11–15<sup>th</sup> May 2015.</li> <li>8. Short Term Training Program on “Symbolic Computing and Numerical Programming Using Mathematica/ Matlab”, National Institute of Technology, Warangal, 10 – 12<sup>th</sup> July 2015. GIAN Separation and instabilities in high speed flows (course code: 171036G08), A 12 Day Training Programme 06-17 August, 2018 at NIT, Warangal.</li> </ol>
<p><b>Professional Responsibilities:</b></p>	<ul style="list-style-type: none"> <li>• Academic Coordinator for Bachelor of Technology I year at Vaagdevi College of Engineering Warangal.</li> <li>• NAAC Coordinator for the Department of Basic Sciences and Humanities.</li> <li>• Board of Studies Chairman for Mathematics, Vaagdevi College of Engineering Warangal (Autonomous).</li> <li>• Time-table incharge, Vaagdevi College of Engineering Warangal, the Academic year 2017-to till date.</li> </ul>