


FACULTY PROFILE

Name	:	Dr. K. Rama Prasad	
Designation	:	Associate Professor	
Department	:	Mathematics	
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Qualification	:	M.Sc. Ph.d	
Professional Experience			
Teaching experience	:	15	
Industry experience	:		
Publications Books/Chapters	:	<p>1. “An analytical study of linear and non-linear double diffusive convection with Soret and DuFour effects in couple stress liquids” (with S. N. Gaikwad and M.S. Malashetty) International Journal of Non-Linear Mechanics, vol. 42 (2007) 903 – 913</p> <p>2. Linear and non-linear double diffusive convection in a fluid saturated anisotropic porous layer with Soret effect ” (with S. N. Gaikwad and M.S.Malashetty)Int. J. of Applied Mathematical Modeling, vol. 33 (9), [2009] p.3617-3635.</p> <p>3. Linear and non-linear double diffusive convection in a fluid saturated anisotropic porous layer with cross diffusion effects (with S. N. Gaikwad and M.S. Malashetty) Transport in Porous Media . vol.80, [2009], p.537-560.</p> <p>4. An analytical study of finite amplitude convection in a</p>	

		two - component fluid saturated porous layer with cross diffusion effects. Journal of Porous Media Volume 14(11):1019-1031, January, 2011.
Conferences	:	An analytical study of Finite amplitude convection in a two-component fluid saturated Porous layer with Soret and DuFour effects. Proc. State Level Conference on Mathematics with Applications in Various Fields , February 2 nd and 3 rd , p-151-156, Aurangabad, Maharashtra State.
Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	<p>1. Attended the National Seminar on <i>“Foundations and Frontiers of Differential Equations and its Applications”</i> held at the Sharnbasveshwar College of Science, Gulbarga during 30th to 31st July, 2005.</p> <p>2. Attended and presented a research paper in the National Conference on <i>“Applied Mathematics”</i> held at Department of Mathematics, Gulbarga University, Gulbarga, during 7th to 8th February 2006.</p> <p>3. Attended the seminar on <i>“Perspectives in Mathematics”</i> held at Department of Studies in Mathematics, Karnataka University, Dharwad during 10th February, 2006.</p> <p>4. Attended the DST sponsored Third National Workshop on <i>“Techniques in Applied Mathematics”</i> held at Department of Applied Mathematics, University of Calcutta during 10th to 18th October 2006.</p> <p>5. Attended and presented a research paper in <i>“The Indian Science Congress Association”</i> held at Annamalai University, Chidambaram during 3rd to 7th January 2006</p> <p>6. Attended the workshop in Mathematics held during March 26-28, 2007 at Department of Mathematics Gulbarga University, Gulbarga, Under <i>UGC Special Assistance Programme-DRS</i>.</p> <p>7. Attended and presented a research paper in <i>“International Conference”</i> held at G. B. Pant University of Agriculture & Technology, Pantnagar, India during 19-22, December 2007.</p> <p>8. Attended the <i>“National Symposium on Recent Trends in Fluid Mechanics”</i> held at Centre for Advanced Studies in Fluid Mechanics Department of Mathematics, Bangalore during 7&8, January 2008.</p> <p>9. Attended the National Seminar on <i>“Fluid Mechanics”</i> held at the</p>

	<p>Department of Mathematics, Gulbarga University, Gulbarga during March 24-25,2009.</p> <p>10. Attended the A two day National Workshop on “<i>Applications of Mathematics in Engineering</i>” at Department of Studies in Mathematics, Hirasugar Institute of Technology, Nidasoshi, Karnataka during 30th and 31st August,2010.</p> <p>11. Attended the An Intensive Continuing Education Training Programme on “<i>Capacity Building Towards Quality Teaching and Learning</i>” held at Centre for Continuing Education Indian Institute of Science, Bangalore during 25th November 2013 to 6th December 2013 and 8th to 10th January 2014.</p> <p>12.Attended the 2 week online course “Digital Transformation in Teaching Learning Process” during March 16th to March 30th ,2020</p>
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