



## Faculty Profile

Name of the Faculty : Dasaradha Ramaiah K  
Designation : Assistant professor  
Email & PhoneNo. : dasaradh991111@gmail.com&9963825863  
Department : Basic Science and Humanities  
Educational Background : 1. Ph.D. from ANU, Guntur.  
2. M.Phil. from SVU, Tirupati.  
3. M.Sc.(Mathematics)  
Research Areas : Boundary value problems in fluid dynamics.  
Experience : 17 years



Sl. No	Institute	Designation	Period
1	DhaneKula institute of Eng and Tech	Asst.Prof	2013-till date
2	Sri Sunflower college of Eng and Tech	Asst.Prof	2007-2013
3	Vidyalaya degree college	Lecturer	2004-2007

### List of Publications (National and International Journals):

- Published “**A Spectral Relaxation Approach for Boundary Layer Flow of Nano fluid Past an Exponentially Stretching Surface with Variable Suction in the Presence of Heat Source/Sink with Viscous Dissipation**”, in Arabian Journal for Science and Engineering, ISSN / eISSN:2193-567X / 2191-4281, Vol- 1, Issue-2, March 2021.
- Published “**MHD rotating flow of a Maxwell fluid with Arrhenius activation energy and non-Fourier heat flux model**”, in Heat Transfer, Online ISSN:2688-4542, Wiley Group, Vol- 1, Issue-2, Feb 2020.
- Published “**Unsteady free convective boundary layer flow of a nanofluid past a stretching surface using a spectral relaxation method**”, in International Journal of Ambient Energy, Taylor & Francis Group, ISSN: 0143-0750 (Print) 2162-8246 (Online), June 2018.
- Published “**Boundary layer flow of nanofluids to analyze the heat absorption/generation over a stretching sheet with variable suction/injection in the presence of viscous dissipation**” in International Journal of Ambient Energy, Taylor & Francis Group, ISSN: 0143-0750 (Print) 2162-8246 (Online), July 2018.
- Published “**Effect of joule heating on mixed convection flow of Casson nanofluid over a nonlinear permeable stretching sheet with heat generation or absorption**” in International Journal of Engineering Inventions, ISSN: 2278-7461, Volume 6, Issue 2, Feb 2017.
- Published “**Effect of Viscous Dissipation and Heat Generation/Absorption on Power – Law Fluid Past a Permeable Stretching Sheet with Constant Heat Flux**” in IOSR Journal of Mathematics, eISSN:2278-5728, Volume 13, Issue 1, Feb 2017.

### National/International Conferences ((National and International):

- Participated in “14<sup>th</sup> International Conference on Science, Engineering and Technology” conducted by VIT University during 2-3, May 2017.
- Participated in “International Conference on Advances in Scientific Computing” conducted by Department of Mathematics, IIT Madras during 28-30 November, 2016.
- Participated in UGC Sponsored two-day National Seminar on “Recent Developments in Mathematics and Its Applications” at Mathematics Department, Acharya Nagarjuna University during 22<sup>nd</sup> -23<sup>rd</sup> December, 2014.

### CERTIFICATIONS

- Successfully Completed the online workshop on “Inculcating Universal Human Values in Technical Education” during 19-23 October, 2020 as organized by AICTE.
- Successfully completed an Online COURSERA Program named “Introduction to Ordinary Differential Equations” on 14/5/2020.
- Successfully completed an Online COURSERA Program named “Matrix Algebra for Engineers” on 14/5/2020.
- Successfully completed an Online COURSERA Program named “Speak English Professionally: In Person, Online& On the Phone” on 14/5/2020.
- Participated in UGC Sponsored two-day National Seminar on “Recent Trends on Mathematical Sciences and Its Applications” at Mathematics Department, Acharya Nagarjuna University from 24-01-2019 to 25-01-2019.
- Successfully completed an AICTE approved Faculty Development Program (FDP101X) on “Foundation Program in ICT for Education” conducted by IIT Bombay from 13/09/2018 to 18/10/2018.
- Successfully completed an AICTE approved Faculty Development Program (FDP201X) on “Pedagogy for Online and Blended Teaching- Learning Process” conducted by IIT Bombay from 30/10/2018 to 13/12/2018.
- Attended national Workshop on “Applications of Mathematics in Engineering and Sciences” held on 21<sup>st</sup> February, 2009 at Narasaraopet institute of Technology, Narasaraopet.

### PROFESSIONAL MEMBERSHIPS

- **Life Member** in International Association of Engineers (**IAENG**) with membership number **191566**.
- **Life Member** in Indian Society of Systems For Science and Engineering with membership number LM03812

**Achievements / Awards etc: Qualified in APSET-2017.**

**Dasaradha Ramaiah K**