

Dr. Sagiraju V V Rama Devi

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Work Experience

- Working as Associate Professor in **RAGHU ENGINEERING COLLEGE (REC)**, Dakamarri, since 4th August, **2016**.
- **Ratified by JNTU Kakinada as Asst. Professor during the year 2010.**
- Worked as Asst.Professor in **Dadi Institute of Engineering and Technology**, Anakapalli from September 2nd, **2009** to July 31st **2016**.
- Worked as Asst. Prof in **RAGHU ENGINEERING COLLEGE (REC)**, Dakamarri, during **2006-2009**.
- Worked as Asst.Professor in **Chaitanya Degree & PG College** for Women, Gajuwaka, during **2003-2006**.

Administrative Experience

- Worked as an **In Charge HEAD OF THE DEPARTMENT** of BS&H in **Dadi Institute of Engineering and Technology** from December **2015** to July 31st **2016**.

Educational Qualifications

S.No	Qualification	Name of the institution	Year Of Passing	Aggregate
1.	Ph.D.	JNTU Kakinada	2023	-
2.	M.Phil	Madurai Kamraj University	2006	59%
3.	M.Sc(Mathematics)	Andhra University	2003	61.47%
4.	B.Sc(M.P.C)	Chaitanya Degree College for women	2001	83%
5.	Intermediate	Chaitanya Junior College For girls	1998	77%

6.	S.S.C	Z.P.H School	1996	72%
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Refresher Course

- Completed the “**Science Academies Refresher course on Differential Equations and their applications**” organized by Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore (on behalf of IAS, Bangalore, INSA, New Delhi, NASI, Allahabad) from 11-11-2017 to 23-11-2017 (**Two Weeks**).
- Completed a “**Faculty Development Programme on Data Science and its Applications in STEM**” organized by Andhra University college of Engineering (A), Andhra University&JNTU(VZM),JNTU(K) from 7-09-2020 to 21-09-2020 (**Two Weeks**).
- Completed the National workshop on “**Contemporary perspectives of Mathematical and physical sciences pertaining to Engineering and technology**” organized by Aditya Institute of Technology and Management, Tekkali, Srikakulam, AP (TEQIP-II sponsored) from 18-09-2016 to 23-09-2016 (**One Week**).

Paper Publications

- Published a paper entitled “**Investigating on Magneto Hydrodynamics Properties of Reiner–Philippoff Nanofluid with Gyrotactic Microorganism in a Porous Medium**” in Journal of CFD-Letters, Volume 16, Issue 6, **2024**.
- Published a paper entitled “**Analyzing the effectiveness of hydromagnetic flux of Casson nanofluid in a porous sheet under Newtonian mass and heat transfer conditions**” in Special Topics & Reviews in Porous Media -An International Journal, Volume 13 Issue 1, **2022**,15–32.
- Published a paper entitled “**Analysing the Exponentially Varying Viscosity of Micro polar Carreau Nano fluid Flow with Variable Fluid Properties in Stretching Porous Sheet**” in Journal of Nanofluids, Volume 11, Issue 5, **2022**, Pp.754-771.
- Published a paper entitled “**Parametric analysis of MHD flow of nanofluid in stretching sheet under chemical sensitivity and thermal radiation**” in Heat transfer, Volume 51, Issue 1, **2021**, Pp.948-975.
- Published a paper entitled “**Electrical MHD Flow of a Nano fluid over Stretching Sheet in the presence of Radiation and Chemical Reaction Effects**” in High Technology Letters Volume 27, Issue 7, **2021**, Pp.165-178.
- Published a paper entitled “**Magneto hydro Nano fluid velocity profile with viscous dissipation**” in International journal of analytical and experimental modal analysis, Volume XII, Issue VII, July **2020**, Pp.2025.
- Published a paper entitled “**Prediction of Infrared and Raman activity of crystals modes in Anthracene and Benzophenone crystals – A Factor Group analysis**” in Journal of Technology, Volume 35, Issue 3, **2020**, Pp.124.
- Published a paper entitled “**A Theoretical Study of Heat Transfer in Non-conducting Materials in Both the Regions**” in Journal of Advanced Research in Dynamical & Control Systems, Volume 12, Issue 7, **2020**, Pp.1387.
- Published a paper entitled “**Magnetohydrodynamics Unsteady Two Phase Flow Between Two Parallel Walls**” in Sudha Rosenthaliana(Journal for the study of research) Volume XI, Issue XII, December **2019** Page No-13,14,15.
- Published a paper entitled “**Effect of Hartmann number in non-conducting fluids**”

- through a horizontal channel between two parallel walls”** in 10th International conference on Recent Trends in Engineering Science Management Aug-2017, Guntur with ISSN/ ISBN No. 9789386171566.
- Published a paper entitled **“MHD two fluid channel flow in two parallel non conducting walls”** in International Journal of Advanced Research in Science and Technology, Volume 5, Issue 1, **2016**.
 - Published a paper in entitled **“Fixed points of generalized (α, ψ) - contractive maps”** in International Journal of Innovative Research in Science, Engineering and Technology, Volume 5, Issue 2, February **2016**.
 - Published a paper entitled **“The effect of hartmann number ha on two ionized fluids through a horizontal channel between two parallel walls”** in International Journal of Multidisciplinary Educational Research, Volume 3, Issue9(1), September **2014**.

Paper Presentations & Workshops Attended

- Presented a paper entitled **“Unsteady MHD force convective flow through porous medium past a vertical porous plate in the presence of heat flux”** in **Advances in Computational Fluid Dynamics-2019 Acharya Nagarjuna University**, Ongole campus, Ongole.
- Participated in a three day National level Workshop on **“NANO FLUID APPLICATIONS FOR HEAT TRANSFER AND ENERGY SYSTEMS & SIMULATION USING CFD-2016”** organized by Andhra University Engineering College, Andhra University, on **27th to 29th September 2016**.
- Presented a paper on **HEAT TRANSFER IN TWO IONIZED FLUIDS THROUGH A HORIZONTAL CHANNEL BETWEEN TWO PARALLEL WALLS** in **NATIONAL SEMINAR ON EMERGING TRENDS IN MATHEMATICS AND ITS APPLICATIONS (NSETMA-2014)** during **6-7th March, 2014** organized by Department of Mathematics, Acharya Nagarjuna University, Ongole Campus, Ongole.
- Participated in the **XXIII CONGRESS OF APSMS AND NATIONAL CONFERENCE ON MATHEMATICS** organized by Department of Science and Humanities, Vignans University during **12-14 December 2014**.
- Organized and Participated in the **NATIONAL CONFERENCE ON EMERGING TRENDS IN MATHEMATICAL SCIENCES AND ENGINEERING APPLICATIONS (ETMSEA-2014)** Organized by Department of Mathematics, University College of Engineering JNTUK, Kakinada during **May 23rd -24th, 2014**.
- Participated in **NATIONAL CONFERENCE ON APPLICATIONS OF MATHEMATICS IN ENGINEERING SCIENCES**, during **29th -30th June 2011** held at Andhra University, Department of Mathematics.
- Participated in the **NATIONAL CONFERENCE ON RECENT TRENDS IN APPLICATIONS OF MATHEMATICS IN SCIENCE AND TECHNOLOGY** held at Department of Mathematics, GITAM UNIVERSITY during **April 15th -16th, 2011**.
- Attended one day National Workshop on **LATEST APPLICABLE TRENDS IN MATHEMATICAL SCIENCES-2009** organized by AL-AMEER COLLEGE, **August 7th 2009**.

- Participated in a two day National Workshop on “MATHEMATICAL TECHNIQUES AND THEIR APPLICATIONS TO ENGINEERING AND PHYSICAL PROBLEMS” organized by the department of Science & Humanities, M.V.G.R College of Engineering on **23rd&24th May 2008**.

Reference

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