

Curriculum –Vitae

Dr. A.Haritha

Assistant Professor (C) (Mathematics, BS&H)

School of Engineering and Technology

Sri PadmavatiMahilaVisvavidyalayam,

(Women’s University), Tirupati-517502

Mobile: +91-9441923079

E-mail: arigalaharitha@gmail.com



1. ACADEMIC QUALIFICATIONS

2.

Degree	Board/University	Year of Passing	Specialization/Area
Ph.D	Sri PadmavatiMahilaVisvavidyalayam, Tirupati.	June 2011	Applied Mathematics, Fluid Mechanics
M.Phil	MadhuraiKamraj University	2003	Mathematics
M.Sc	S.V. University, Tirupati	2001	Mathematics
B.Sc	S.V. University, Tirupati	1997	
B.Ed	S.K.University, Ananthapur	1998	

Ph.D. Topic : ‘*Transient Convective flows of a Viscous fluid through porous medium in Channels/Circular ducts*’.

PROFESSIONAL EXPERIENCE

Name of the Post	Name of the Institution where worked	Period with dates		Total teaching Experience
		U.G	P.G	Years
Lecturer	S.V.Degree College, Kadapa	2004 -2006		2Y
Academic Consultant	School of Engineering and Technology, S.P.MahilaVisvavidyalayam, Tirupati	2011 to 2017		6Y
Assistant Professor	School of Engineering and Technology, S.P.MahilaVisvavidyalayam	23-6-17 to till date		5.4Y
Total length of teaching experience				13.4Y

RESEARCH PUBLICATIONS: 20

- **List of Publications in International Journals: 18**
 - First Author Publications : 14
 - Co-Author Publications : 04
- **List of Publications in National Journals : 02**
- **Book Publication : 01**
- **Seminars/Workshops Presentations:**
 - National Level : 12
 - International Level : 05

List of Publications:

Sl.No	Title of the Paper	Year of Publication	Publisher/journal
1	Heat and Mass transfer of MHD Jeffrey nanofluid through a porous media past an inclined plate with chemical reaction, radiation and sorret effect	Sep 2022	Heat Transfer, WILEY publishers, DOI: 10.1002/htj.22735, Scopus Indexed
2	Heat & Mass Transfer on MHD Convective Unsteady Flow of a Newtonian fluid past an inclined vertical porous plate with thermal diffusion and aligned magnetic field	Dec- 2020	AC Journal, Vol IX, Issue XII, ISSN No. : 2231-3990 Impact Factor: 6.3, UGC Approved Journal
3	Finite element analysis of convective Heat and Mass transfer flow of Rotating fluid past a vertical Stretching plate with Second order Slip.	Dec- 2020	JXAT Journal, Vol XII, Issue XII, ISSN No. : 1006-7930, DOI: 2019001/JXAT, Impact Factor : 3.7
4	MHD Casson fluid flow past a stretching cylinder subject to Nanoparticles with Cattaneo-Christove heat flux	June 2019	International journal of Scientific Research, Vol-8, Issue-6, ISSN No. 2277-8179
5	Unsteady flow of heat and mass transfer in Viscoelastic fluid over a stretching sheet with the effect of chemical reaction.	December 2017	Research journal of Science and Technology, Vol.9, Issue-4, ISSN: 2349-2988(online).
6	Unsteady MHD Boundary Layer Flow and Mass Transfer for Maxwell Fluid over a Stretching Sheet Embedded in a Porous Medium with Chemical Reaction	July 2017	International Journal of Innovative Research in Science, Engineering and Technology, IJIRSET (An ISO 3297: 2007 Certified Organization) Vol. 6, Special Issue 13
7	Heat and Mass Transfer of TIO ₂ -Water Nanofluid in a cylindrical annulus with non-Darcy Parameter	March 2017	International Journal of Engineering Research in Mechanical and Civil Engineering, (IJERMCE), Vol 2, Issue 3, ISSN (Online) 2456-1290

8	MHD Heat and Mass transfer of the unsteady flow of a Maxwell fluid over a stretching surface with Navier slip and convective boundary conditions.	2017	GJPAM, ISSN 0973-1768, vol.13, pp.2169-2179
9	MHD Mixed Convection Flow of A Micropolar Fluids Through Porous medium towards a Stagnation Point on a vertical Surface.	July 2016	IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 12, Issue 4, PP 32-37
10	Combined Influence Of Thermo Diffusion and Diffusion Thermo On Convective Heat And Mass Transfer Flow of a Visco-Elastic Fluid Past a Vertical Plate	March-2016	Special Issue on Computational Science, Mathematics and Biology IJCSME - SCSMB-16-March-2016, ISSN-2349-8439
11	Heat and mass transfer on MHD flow of viscous fluid through porous medium with the effect of radiation and chemical reaction.	Sep. 2015	International journal of scientific and engineering research, vol. 6, issue 9, ISSN no. 2229-5518
12	Radiation Effect on Heat and Mass Transfer in MHD Flow of a Casson Fluid over a Stretching Surface.	June 2014	International Journal of Scientific and Innovative Mathematical Research (IJSIMR) , vol.2, issue 6, ISSN no. 2347-307X
13	Effect of Thermal Radiation on Heat and Mass transfer in MHD flow of a Casson fluid over a stretching surface with variable thermal conductivity.	May 2014	Int. Journal of Applied Mathematics, ISSN 2051-5731, vol.29, Issue.1.
14	Dufour and Soret effects on MHD mixed convection and Mass transfer flow past a vertical porous plate in a porous medium with heat generation and Radiation.	Feb. 2014	Int. Journal of Mathematical Archive, vol. 5(2), ISSN no. 2229-5046.
15	Unsteady Mixed Convective Heat transfer flow of a Viscous fluid through a Porous medium in a vertical wavy channel with Radiation effect and Quadratic temperature variation.	Mar 2013	Int. Journal of Applied Math and Mech., vol.9(6), 2013.
16	Effect of Chemical reaction and radiation absorption on Mixed Convective Heat Transfer flow of a Viscous fluid through	Dec 2012	International journal of advanced scientific and technical research,

	Porous medium past a vertical plate.		issue 2, vol 6, ISSN no. 2249-9954.
17	Buoyancy Induced Convective Heat Transfer flow of a Viscous fluid through a Porous medium in a Horizontal wavy channel with Radiation effect.	Nov 2012	International journal of Emerging trends in Eng. & development, issue 2, vol.7, of ISSN no. 2249-6149.
18	Effect of radiation on Transient Convective heat transfer flow of a Viscous fluid through a Porous medium in a vertical channel with travelling thermal waves and qdtemperature .	Jan 2011	Proceedings of International conference on Advances in Mathematical & computational methods organized by SPMVV, Tpt., ISBN 978-81-908497-6-0.
19	Radiation effect on Hydromagnetic Non-Darcy Mixed Convective Heat Transfer flow of a Viscous fluid through a Porous medium in a Cylindrical Annulus with constant heat sources.	Feb 2011	J. Pure & Applied Phys. Vol. 23, No.1.
20	Unsteady Mixed Conv flow of a Viscous fluid through Porous medium in a vertical channel with Oscillatory wall temperature.	Mar 2011	J. Pure & Applied Phys. Vol. 23, No.1.

List of Workshops/Seminars/Webinars/Faculty Development Programmes Attended:

1. Seminars/ Webinars/Workshops/ Conferences Attended:

Sl. No.	Name of the Seminar/Workshop/Conference	Date	Topic
1	National Conference on “Emerging Research Trends in Pure and Applied Mathematics”	29 – 30 August, 2017	Unsteady flow of heat and mass transfer in Viscoelastic fluid over a stretching sheet with the effect of chemical reaction.
2	National Conference on Recent Trends in Mathematics to Science and Technology, SPMVV, Tirupati.	28-29 June 2017	Unsteady MHD boundary layer flow and mass transfer of a Maxwell fluid over a stretching sheet embedded in a porous medium with chemical reaction.
3	National Consultation on the role of Science and Technology in National Development, Siddhartha Institute of Eng.	21-22 March 2017	Unsteady flow of Heat transfer for Micropolar fluids over a vertical plate

	and Tech., puttur.		with Newtonian heating.
4	International Conference on Emerging Trends in Engineering and Technologies, SVU, Tirupati.	18-20 March 2017	Heat and Mass transfer of TiO_2 – water Nanofluid in a Cylindrical Annulus with Non Darcy Parameter.
5	Recent Advances in Pure and applied Mathematics, SPMVV, Tirupati.	6-7 March 2017	MHD unsteady flow of Heat and Mass transfer of Micropolar fluids over a stretching surface with Newtonian heating.
6	International Conference on innovative Applications in Engineering and Information Technology, SPMVV, Tirupati.	1-2 Feb 2017	Heat and Mass transfer of the unsteady flow of a Maxwell fluid over a stretching surface with Navier slip and Convective boundary conditions.
7	Participated in 104 th Indian Science Congress, S.V.U., Tirupati.	3-7 Jan 2017	--
8	National Conference on Recent Trends in Mathematics and its Applications, SVU, Tirupati	22-23 Dec 2016	MHD flow for Maxwell fluid over a stretching surface with Navier slip and convective boundary conditions.
9	National Conference on Emerging Trends in Mathematical Sciences & Applications in Engineering Sciences- APSMS 2016, NBKR Institute, Nellore, A.P	9-11 Dec 2016	Convective Heat transfer flow of a Rotating Micropolar fluid past a vertical plate with the effect of Magnetic field and Hall Currents.
11 10 2	National Conference on Recent Trends and Advances in Mathematics and its Applications, SPMVV, Tirupati.	12-13 Mar, 2015.	Heat and mass transfer on MHD flow of viscous fluid through porous medium with the effect of radiation and chemical reaction.
11	II International Conference on Applications of Fluid Dynamics, SVU, Tpt.	21-23 Jul 2014	Effect of Thermal Radiation on Heat and Mass transfer in MHD flow of a Casson fluid over a stretching surface with variable thermal conductivity.
12	Attended Seminar on “Matlab& Simulink for Engineering Education” organized by Mathworks, India at Tirupati.	11 Feb 2014	-
13	Recent Advances in Mathematics and its Applications, SPMVV, Tpt.	2-3 Mar 2012	Buoyancy Induced Convective Heat Transfer flow of a Viscous fluid through a Porous medium in a

			Horizontal wavy channel with Radiation effect.
14	Recent trends in Mathematical Sciences, S.K.U, Anantapur.	17-18 Dec 2011	Unsteady Mixed Convective Heat transfer flow of a Viscous fluid through a Porous medium in a vertical wavy channel with Radiation effect and Quadratic temperature variation.
15	Mathematical Modelling and Simulation, APSMS, SBIT, Kammam.	9-11, Dec 2011	Effect of Chemical reaction and radiation absorption on Mixed Convective Heat Transfer flow of a Viscous fluid through Porous medium past a vertical plate.
16	Int. Conference on Advances in Mathematical and Computational Methods, SPMVV, Tpt.	Jan 5-7, 2011	Effect of radiation on Transient Convective heat transfer flow of a viscous fluid through Porous medium in a vertical channel with travelling thermal waves and qdt temperature variation.
17	International Conference on “Recent Development in Mathematical Sciences and their Applications”, by Calcutta Mathematical Society, Calcutta.	9-11 Dec 2010	Effect of quadratic temperature...with constant heat sources.
18	National Conference on “Advanced Techniques in Mathematics and Applied Sciences”, S.K.U, Anantapur.	30-31 Oct 2010	Radiation effect on hydromagnetic Non-Darcy Mixed Conv. heat Transfer flow of a Viscous fluid through Porous medium in a Cylindrical Annulus with const. heat sources.
19	National workshop on “Recent advances and its applications in Mathematical modeling” SPMVV, Tpt.	1-5 Feb 2009	-
20	Recent trends on Mathematical Modelling” S.V.U, Tpt.	Mar 20, 2009	Pulsatile flow of Herschel-Bulkley fluid in an artery under periodic body acceleration.
21	Attended national seminar on “Algebra and its Applications”, Sri PadmavatiMahilaVisvaVidyalayam, Tirupati	Dec 27-28, 2006	-
22	Attended national conference on	Dec 21-22,	-

	<p>“Mathematics and its Applications” S.V. University, Tirupati</p>	<p>2006.</p>	
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2. Faculty Development Programmes:

- Completed online Faculty Development Programme on “Advanced Optimization Techniques and Hands-on with MATLAB/SCILAB” jointly organized by MNIT Jaipur, NIT Patna, IIITDM Jabalpur & IIT Guwahati during 6th - 17th September 2021.
- Participated in the Five Days e- Workshop on Latex, organized by the Department of Mathematics, GITAM, Bengaluru during 5th - 9th July 2021.
- Participated in the one week online short term course on “Computational and Experimental Techniques in Heat Transfer and Fluid Flows” conducted by the Department of Mechanical Engineering, National Institute of Technology, Uttarakhand from March 1- 5, 2021
- Participated in FDP on “NAAC- Revised accreditation Frame work - An overview(FDP NARF 2020) ,organised by IQAC, Sri Padmavati Mahila Visvavidyalayam, Tirupati from 14-18, Setember 2020.
- Participated in 6-Days online faculty development programme on “Applications of Mathematics in Engineering and Sciences” organised by Department of Sciences & Humanities, S.V institute of Science and Technology, Kadapa held from 20-25, August 2020.
- Successfully completed the short term training programme on Assessment and Evaluation under outcome based education organized by National institute of technical teachers and research, Kolkata, 2019.
- Completed NPTEL online certification course on Engineering Mathematics – I conducted by IIT, Kharagpur, 2019
- Completed NPTEL online certification course on Matrix Analysis conducted by IIT, Kharagpur, 2019
- Completed an AICTE approved online FDP 201x on “Pedagogy for online and Blended Teaching-Learning Process Education” conducted by Indian Institute of Technology, Bombay from October 30, 2018 to December 13, 2018.
- Completed an AICTE approved online FDP 101x on “Foundation Programme in ICT for Education “conducted by Indian Institute of Technology, Bombay from September 13, 2018 to October 18, 2018.

3. Webinars:

1. Participated in Two-Day National Webinar on “ Recent Evolutions in Mathematics” organized by department of Applied Mathematics, SPMVV, from 21-22 Dec, 2020.
2. National Webinar on “NAAC Assessment and Accreditation process and Awreness about NEP 2020” organized by IQAC, SPMVV in association with NAAC, Bengaluru on 26th Aug 2020.

Administrative Positions & Skills:

- Working as Coordinator of Basic Sciences and Humanities Department

- Worked as Cultural Coordinator (2017-2019), School of Engineering and Technology, Sri PadmavatiMahilaVisvavidyalayam, Tirupati.
- Organized Talents Day-2k17, 2k18, 2k19 celebrations, School of Engineering and Technology, SPMVV, Tirupati.
- Organising Member, VIRINCHI 2k16-A National level Technocrat Fest, School of Engineering and Technology, SPMVV, Tirupati.

Personal Details:

Name	Dr. A. Haritha
Date of Birth	27-12-1978
Gender	Female
Father's Name	A. RavindraNath
Religion & Nationality	Indian, Hindu
Marital Status	Married
Languages Known	Telugu, English, Hindi
Address For Communication	#101, Seshasai Apartments Near Apurva Stores, Air Bypass road, Bairagipatteda, Tirupati 517501.

DECLARATION

I hereby declare that foregoing information is correct and complete to the best of my knowledge and belief.

Yours sincerely,



(A. Haritha)