

Curriculum –Vitae

Dr. Y. DEVASENA

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School of Engineering and Technology

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ACADEMIC QUALIFICATIONS

Degree	Board/University	Year of Passing	Specialization/Area
Ph.D	Sri Padmavati Mahila Visvavidyalayam, Tirupati	2015	Fluid Mechanics
M.Sc	Sri Padmavati Mahila Visvavidyalayam, Tirupati	2008	Applied Mathematics
B.Sc	Sri Padmavati Womens Degree College, Tirupati	2002	MPCS(Maths, Physics, Computer Science)

Ph.D. Topic : Convective Heat and Mass Transfer Flow of Non – Newtonian Fluids

PROFESSIONAL EXPERIENCE: 10

Organization	Position	Period	No. of Years
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Academic Consultant	2010-2011	1
Swetha Institute of Technology & Science, C. Ramapuram, Ramachandra Puram(M), Tirupati	Assistant Professor	2011-2013	2
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Academic Consultant	2013-2014	1
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Academic Consultant	2015-2017	2
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Assistant professor	2017-till date	4

RESEARCH EXPERIENCE : 9 years

RESEARCH PUBLICATIONS : 10

- First Author Publications : 7
- Co-Author Publication : 3

List of Publications:

Sl.No	Title of the Paper	Year of Publication	Publisher/journal
1.	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
2.	Influence of Soret and Dufour Effects on MHD Casson Fluid over a Stretching Surface in the Presence of Thermal Radiation	July 2017	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), (An ISO 3297: 2007 Certified Organization), Vol. 6, Special Issue 13, ISSN(Online): 2319-8753, ISSN (Print): 2347-6710
3.	Effect of hall currents on convective heat and mass Transfer flow of a rotating micropolar fluid past a Vertical plate	March 2017	International Journal of Research In Science & Engineering (IJRISE), e-ISSN: 2394-8299, p-ISSN: 2394-8280, Special Issue –NCRAPAM , PP 14-26
4.	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
5.	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
6.	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	International Journal of Computational Science, Mathematics and Biology (IJCSME), Special Issue, ISSN-2349-8439
7.	Effect of chemical reaction and thermo – diffusion on convective heat and mass transfer flow of a Jeffrey fluid in a concentric cylindrical annulus with non – linear density temperature relation	Sep. 2015	International Journal of Scientific & Engineering Research (IJSER), Issue 9, ISSN 2229 – 5518, Vol. 6, PP. 14-20, Impact Factor: 3.8.
8.	Effect of thermo – diffusion and chemical reaction on convective heat and mass transfer flow of Walter’s memory fluid over a vertical plate	Aug-2015	International Journal of Mathematical Archive (IJMA), Issue 8, ISSN 2229 – 5046, Vol. 6, PP. 115-121, Impact Factor: 4.091
9.	Effect of Thermo – diffusion on Mixed Convective Heat and Mass Transfer Flow of a Visco – Elastic Fluid Past a Porous Plate With Heat Generating Sources	March 2014	International Journal of Emerging Trends in Engineering and Development (IJETED), Issue 4, ISSN 2249-6149 Vol.2, PP. 8-19, Impact Factor: 2.87.
10.	Combined Influence of Chemical Reaction, Thermo – Diffusion, and	Jan-Feb 2014	International Journal of Advanced Scientific and Technical Research

Thermal Radiation on the Convective Heat and Mass Transfer Flow of a Kuvshinski Fluid Past a Vertical Plate	(IJASTR), Issue 4, ISSN 2249 – 9934, Vol. 1, PP. 774-787, Impact Factor: 2.94.
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Papers Presented in Seminars/ Workshops/ Conferences: 16

- National : 12
- International : 04

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	MHD flow of heat transfer in Visco – elastic fluid past a porous plate with the effect of thermo diffusion
2.	National Conference on Recent Trends in Mathematics to Science and Technology, SPMVV, Tirupati.	28 - 29 June 2017	Convective heat and mass transfer flow of a viscous fluid in the presence of thermophoresis with thermo-diffusion and diffusion-thermo effects
3.	National Consultation on the role of Science and Technology in National Development, Siddhartha Institute of Eng. and Tech., puttur.	21-22 March 2017	Unsteady flow of heat transfer for micropolar fluids over a vertical plate 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.	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.
8.	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.
9.	International Conference on Computational, Mathematics & Biological Modeling, SPMVV, Tirupati	25 – 26 March 2016	Combined influence of thermo diffusion and diffusion thermo on convective heat and mass transfer flow of a visco-elastic fluid past a vertical plate
10.	National Conference on Recent Trends and Advances in Mathematics and its Applications, SPMVV, Tirupati.	12 – 13 March 2015	Effect of chemical reaction and thermo – diffusion on convective heat and mass transfer flow of a Jeffrey fluid in a concentric cylindrical annulus with non – linear density temperature relation
11.	National Seminar on Mathematical Modeling in Physical, Biological and Social Sciences at Degree level, Dept. of Mathematics, K.S.N.Govt Degree	5 – 6 January 2015	Chemical reaction and Ohmic dissipation and thermo diffusion on convective heat and mass transfer flow of a Walter’s memory fluid past a

	College for Women, Anantapur.		moving surface with oscillatory free stream
12.	National Conference on Recent Developments in Mathematics and its Applications, S. V. University, Tirupati.	29 Jan 2014	Effect of radiation absorption and chemical reaction on convective heat and mass transfer flow of Walter's memory fluid over a vertical plate
13.	II International Conference on Applications of Fluid Dynamics, S. V. University, Tirupati.	21-23 July 2014	Effect of Hall currents on convective heat and mass transfer flow of a micropolar fluid past a vertical plate
14.	Recent Developments in Algebra and its Applications to Science and Technology (NSRDAAST), S. K. University, Anantapuramu.	29 – 30 Nov 2013	Effect of thermo-diffusion on mixed convective heat and mass transfer flow of a visco-elastic fluid past a porous plate with heat generating source
15.	XXII Congress and National Conference on Recent Trends in Applications of Mathematics, Anurag Group of Institutions, Hyderabad.	13- 15 Dec 2013	Combined influence of chemical reaction, thermo-diffusion and thermal radiation on the convective heat and mass transfer flow of Kuvshinski fluid past a vertical plate
16.	National seminar on Recent Developments in Mathematics (NSRDM), S. V. University, Tirupati.	22 - 23 Dec 2011	Effect of thermo-diffusion and thermal radiation on convective heat and mass transfer flow of visco-elastic fluid over a vertical plate

List of Workshops/Seminars/Faculty Development Programmes Attended:25

1. Participated and got through Test during One Week(online) Faculty Development Program on Real Analysis, organised by Dept. of Mathematics, Kakathiya Univerdity, Warangal, Telangana from 5th -10th September, 2020.
2. Participated in One Week Faculty Development Program on “Roll of LaTeX in Scientific Writing” , organised by Dept. of Mathematics, Babu Banarasi Das Northen India Institute of Technology, Lucknow from June 19th to 21st , 2020.
3. Participated in the webinar on “Basic Author Workshop Research Article Writing & Reference Management Using Mendeley”, organised by the faculty of Sciences, Annamalai University in collaboration with ELSEVER on 22nd June 2020.
4. Participated in the National webinar on “Fluid Dynamic” organised by Dept. of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur on 23rd June 2020.
5. Participated in the online webinar on “Mathematica & Applications of Mathematics”, organised by Dept. of Applied Sciences, Mathematics and Humanities, Pillai College of Engineering, New Panvel, Maharashtra from June 27th to 29th , 2020.
6. Participated in the International webinar on “Nutrition and Immune System Support During COVID-19 Pandemic” organised by Dept. of Home Science, Sri Padmavati Mahila Visvavidyalaya, Tirupati, from 15th – 16th June 2020.
7. Participated in “Online One Week Faculty Development Program on Mathematica Software – Hands on Experience: Tools & Techniques for Next Generation” organised by Dept. of

Mathematics, Santhiram Engineering College in association with WOLFRAM Mathematica – AARYAMAN GEO Info, Bangalore, From 28-05-2020 to 02-06-2020.

8. Participated in “One Week National Level online Faculty Development Program on Innovative to Academicians” conducted by New Generation Innovation and Entrepreneurship Development Centre, Ramachandra College of Engineering (NewGen IEDE – RCE Eluru), National Science & Technology Entrepreneurship Development Board (NSTEDB), Dept. of Science & Technology, Govt. of India, New Delhi, from 11-05-2020 to 16-05-2020.
9. Participated in “One Week Hands on Workshop on Python and Data science” organised by CURIE-AI, SPMVV from 2nd to 7th March,2020 at Sri Padmavati Mahila Visvavidyalayam, Tirupati.
10. Participated in the Batch – III of “Five Day Faculty Development Programme for building Rural Resilience” organized by the NSS Bureau, Sri Padmavati Mahila Visvavidyalaya in collaboration with Mahatma Gandhi National Council of Rural Education, Hyderabad at SPMVV, Tirupati from 04-12-2019 to 08-12-2019.
11. Participated in “One Day Workshop On R” held at School of Engineering and Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Organised by the Teaching Learning Centre, ICT at IIT Bombay, Funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, on 9th November 2019.
12. Participated in “Python Workshop” held at School of Engineering and Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Organised by the Teaching Learning Centre, ICT at IIT Bombay, Funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, on 22nd June 2019.
13. Completed the “One Week Short Term Training Programme through ICT Mode on Assessment and Evaluation under Outcome Based Education” organized by NITTTR (National Institute of Technical Teachers’ Training and Research), Kolkata from 10-06-2019 to 14-06-2019.
14. Completed the “One Week Short Term Training Programme through ICT Mode on Introduction to Artificial Intelligence” organized by NITTTR (National Institute of Technical Teachers’ Training and Research), Kolkata from 06-05-2019 to 10-05-2019.
15. Participated in the “National level Workshop on Recent Advances in Fluid Dynamics & Applications in Science & Technology” organized by Dept. of Mathematics on 25 – 26 May, 2018 at Madanapalle Institute of Technology & Science, Madanapalle, Chittoor, Dist., A.P, India.
16. Participated in the “National level Technocrat Fest Virinchi – 2018” organized by School of Engineering and Technology on 3rd and 4th march, 2018 at Sri Padmavati Mahila Visvavidyalayam, Tirupati.
17. Participated in “DST – CURIE Sponsored Two Day national level Hands on Workshop on LaTeX” organized by Dept. of Applied Mathematics and Computer Science on 28th and 29th March, 2018 at Sri Padmavati Mahila Visvavidyalayam, Tirupati.

18. Participated in the ‘Science Academies’ lecture workshop on Applications of Differential Equations in Engineering and Biology, organized by the Dept. of Mathematics, Srivenkateswara University, Tirupati from 9 – 11, March 2017.
19. Participated in the 104th Indian Science Congress held at S.V. University, Tirupati from 3 – 7, January 2017.
20. Participated in “One week Faculty Development Programme on Advances in Python Programming” conducted by the Dept. of Computer Science & Engineering, Sree Vidyanikethan Engineering college, Tirupati from 28th November – 2nd December 2016.
21. Participated in “One day awareness programme on Shodhganga and Anti – Plagiarism Software (Urkund)” organized by the INFLIBNET centre, Gandhi Nagar in collaboration with Sri Padmavati Mahila Visvavidyalayam, Tirupati on 8th August 2016.
22. Participated in the “Virinchi – A National Level Technocrat Fest” conducted by the School of Engineering and Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati from 1st - 3rd April, 2016.
23. Participated in “Two – Day Workshop on Patent Information Cell” Sponsored by Andhra Pradesh State Council of Science and Technology, Hyderabad from 30th & 31st, March, 2016.
24. Participated in “One- Day National Level Symposium on life and works of Srinivasa Ramanujan” conducted by the Department of Humanities And Sciences, Annamacharya Institute of Technology & Sciences, Tirupati on 01-05-2015.
25. Participated in the “International Conference on Advances in Mathematical and Computational Methods” conducted by the Department of Applied Mathematics, Sri Padmavati Mahila Visvavidyalayam, Tirupati from 5th - 7th January, 2011.

FDPs/ NPTEL Courses Attended:

S.No.	Name of the Event	Organized by	Date	Number of Days
1	FDP Programme in Foundation Programme in ICT for Education	IIT Bombay	Sep 13-Oct 18, 2018	42
2	FDP Programme in Pedagogy For online and blender teaching-Learning Process	IIT Bombay	Oct 30 – Dec 13, 2018	45
3	12 -Week NPTEL Online Certification Course Engineering Mathematics - I	Funded by Ministry of HRP, Govt. of India	Jan-Mar 2019.	56

Personal Details:

Name	Devasena Yellamraju
Date of Birth	07-05-1984
Gender	Female
Father's Name	Y. Ramanaiah
Religion & Nationality	Hindu & Indian
Marital Status	Married
Languages Known	Telugu ,English,Hindi.
Address For Communication	12-104,Srinivasa Nagar, Near West Railway Station,Tirupati-517502, Andhra Pradesh,India. Mobile No:+91-9490384745

DECLARATION

I hereby declare that the particulars above furnished are true to the best of my knowledge and belief.

Tirupati
01/10/2020

Yours sincerely,

(Y. DEVASENA)