


**NTR GOVERNMENT DEGREE COLLEGE,
VALMIKIPURAM** (ACCREDITED WITH 'B' GARDE BY NAAC)

Annamayya District, Andhra Pradesh - 517299

Department of Mathematics

PERSONAL PROFILE

	
Name: Dr. P.Jyothi, M.Sc.,M.Phil., Ph.D. Date of Birth: 05-06-1983 Place of Birth: Madanapalle Mobile : 9000029917 Email: jyothiphd23@gmail.com	
Qualifications:	M.Sc.,M.Phil., Ph.D.
Title of Ph.D., Date of award	Unsteady MHD Convective Heat and Mass Transfer Flows Past a Vertical Plate Embedded in a Porous Medium (SVU TPT) Ph. D: 26-11-2014
Name of the Institution	NTR Govt. Degree College, Valmikipuram
Present Designation	Lecturer in Mathematics
Working Stations:	GDC Baruva, Srikakulam (D.T): 01-09-2021(FN) To 16-12-2022(AN)
	NTR GDC Vayalpad : 18-12-2022(FN) To Till Date
DOJ Present Station:	18-12-2022
Personal No's:	Employee I.D: 2951775

Conferences Attended / Papers Presented:

1. Presented a paper in XXI Congress and National Conference on Applications of Mathematics in Engineering, Physical and Life Sciences held at Department of Mathematics, **S.V.University, Triupati** during December 2012.

Title : Radiation absorption and Thermal Diffusion effects on MHD flow past a semi infinite vertical moving plate.

2. Presented a paper in National Conference held at **Anurag Group of Institutions, Gatkesar** in December 2013.

Title: MHD Free convection Heat and Mass Transfer Flow of a Viscoelastic Fluid through porous medium Bounded by an impulsively Started infinite vertical plate.

3. Presented a paper in **II International Conference** held at **S.V.University, Tirupati** in July 2014.

Title: Thermo Diffusion And Chemical Reaction Effects On MHD Convective Flow of Viscoelastic Fluid past an oscillating porous plate in the slip flow regime with Heat Generation/Absorption.

4. Presented a paper in National Conference on Recent Advances in **Graph Theory and its Applications** organized by Dept.of. Mathematics, **Sri Padmavati Mahila Viswavidyalayam, Tirupati** in July 2017.

Title: Thermal radiation effects on flow past an impulsively started vertical moving plate with uniform heat and mass flux.

5. Presented a paper in National Conference on **Recent Advances in Mathematics and its Applications** Organized by Department of Mathematics, **S.V.University, Triupati** in August 2017.

Title: Diffusion thermo effects on MHD convective flow past a semi infinite vertical moving plate embedded in a porous medium in the presence of chemical reaction and heat source.

6. Presented a paper in **XXVIII Congress of APTSMS** and National Conference on **Recent Trends in Pure and Applied Mathematics** organized by Dept.of. Mathematics, **Rashtriya Sanskrit Vidyapeetha, Tirupati** in December 2019.

Title: Heat and mass transfer effects of Kuvshinki fluid on double diffusive convection MHD flow past a porous plate in viscous dissipation and chemical reaction.

7. Presented a paper in **XXIX Congress of APTSMS** and National Conference on Mathematics and its applications organized by Dept.of. Mathematics, **Mahatma Gandhi University** in December 2020 (virtual).

Title: Thermo Diffusion And Chemical Reaction Effects On MHD Convective Flow of Viscoelastic Fluid past an oscillating porous plate in the slip flow regime with Heat Generation/Absorption in

the presence of magnetic field.

8. Participated in the **104th Indian Science Congress** held at **S.V.University, Tirupati** from January 3 to 7, 2017.
9. Participated in the International Symposium on **Recent Trends in Mathematical Sciences** held at **VIT, Vellore**, India during July 15-16, 2019 organized by the Dept.of.Mathematics, School of Advances, VIT,Vellore.

WORKSHOPS ATTENDED:

1. Participated in the National Workshop held at the Dept.of. Mathematics, S.V.University, Tirupati organized by S.V.University and Dept.of OR, **Rayalaseema University**, Kurnool during 22-26 January 2010.
2. Participated in **Science Academies' Lecture Workshop on MATHEMATICAL MODELLING IN SCIENCE AND ENGINEERING (SALW-2012)** during January 24-25, 2012, at Department of Mathematics, **Sri Venkateswara University, Tirupati**, Andhra Pradesh.
3. Participated in “**National Workshop On Bhaskaracharya: Life and Works in connection with his 9th Birth Centenary Celebrations**” during 8th to 12th December, 2014 Organized by Department of Mathematics, **Rashtriya Sanskrit Vidyapeetha, Tirupati**.
4. Participated in ‘**Science Academies' Lecture Workshop on Theoretical and Computational Fluid Dynamics – (SALW – 2016)**’ on during 21st to 22nd March, 2016 organized by the Department of Mathematics, **Sri Venkateswara University, Tirupati**.
5. Participated in National Level Workshop ‘**On Recent Advances in Fluid Dynamics &Applications in Science & Technology**’ Organized by **MADANAPALLE INSTITUTE OF TECHNOLOGY &SCIENCE**, Madanapalle, Chittoor Dist, Andhra Pradesh from 25-26 May 2018
6. Participated in UGC- Sponsored One Week National Workshop on “**Professional Development Programme for Teachers in Higher Education**” organized by DEPARTMENT OF EDUCATION from 3rd to 9th January, 2019 held at **Sri Padmavathi Mahila Visvavidyalayam, Tirupati**.
7. Participated in Six Days Virtual “**SCIENCE ACADEMIES' Lecture Workshop on LINEAR TRANSFORMATIONS, MATRICES and their APPLICATIONS-2020**” 2nd to 7th November, 2020 (SALWLTMTA-2020) held in the Department of Mathematics, S.V.U.College of Sciences, **Sri Venkateswara University, Tirupati**, Andhra Pradesh.
8. Participated in the National Workshop on **Ancient Indian Mathematics** held at **P.G. Department of Mathematics, Sri Sarada Niketan College of Science for women, Karur, Tamilanadu** during February 2020.

9. Participated in the Five Days **e-Workshop on LaTeX**, organized by the Department of Mathematics, School of Science, **GITAM, Bengaluru, India**, held from 5th to 9th July 2021.
10. Participated International Symposium on “**MATHEMATICAL SCIENCES and their Applications MSATA-2022**” January 28th & 29th, 2022 organized by Department of Applied Mathematics, **Yogi Vemana University, kadapa**.
11. Participated in Zero to Infinity: **International Workshop Career Awareness** organized by **S.U.S. Govt. College, Matak Majri, Karnal** through online mode under the aegis of **Dept.of. Higher Education, Haryana** during January 2022.

Webinars:

1. Participated in Two - Day National Webinar on “**Virtual Learning : Student’s All Round Development**” organized by Department of Education, **Sri Padmavathi Mahila Visvavidyalayam, Tirupati** on 07.11.2020 & 08.11.2020.
2. Participated in One – Day International Webinar on “**THE ESSENTIAL LEAP**” organized by Department of Education, **SPMVV, Tirupati** on 28.10.2020
3. Participated in National Webinar on “**Quality Education Accreditation and Teacher Development**” organized by **AP State Council of Higher Education (APSCHE)** in collaboration with **Sri Padmavathi Mahila Visvavidyalayam (Women’s University), Tirupati** on 18-08-2021.
4. participated in One Week Faculty Development Programme on “**Recent Trends in Applications of Mathematics (RTAM)**” organised by **Department of Freshman Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati** from 12th - 17th July 2021
5. participated in one week online Faculty Development Programme on “**MATHEMATICS FOR A BETTER WORLD**” held at **GATES Institution of Technology, Gooty** during 21st - 26th March, 2022

Books Published

Published Books: 01			
Title of the Book	Name of the Publisher	Year of Publication	ISBN/ISSN Number
Probability and Queuing Theory	Scientific International Publishing House	2023	978-93-5625-563-0

Research Publications

S.No	Title of the Paper	Name of the Journal	Year of Publication	ISSN Number
1	Thermo Diffusion and Chemical Reaction effects on unsteady free MHD convection flow past a vertical porous plate in slip-flow regime.	International Journal of Advanced Engineering Technology	September 2013	0976-3945
2	MHD free convection Heat and Mass transfer flow of a Visco-elastic fluid through porous medium bounded by an impulsively started infinite vertical plate	International Journal of Mathematical Archive.	January 2014	2229-5046
3	Chemical Reaction and Diffusion Thermo effects on MHD flow of a Dusty Viscoelastic fluid in an Irregular Channel.	International Journal of Mathematical Archive-	April 2016	2229-5046
4	Diffusion Thermo Effects on MHD Convective Flow Past a Semi-Infinite Vertical Moving Plate Embedded in a Porous Medium in the Presence of Chemical Reaction ,Radiation and Heat source.	Journal of Emerging Trends in Engineering and Applied Sciences (JETEAS)	February 2016	2147-7016
5	Chemical Reaction and Soret Effects on Unsteady MHD Flow of Viscoelastic Micropolar Fluid Through past an Infinite Vertical Plate with Heat Source.	World Applied Sciences Journal	February 2016	1818-4952

6	Thermal Radiation effects on flow past an impulsively started vertical moving plate with uniform heat and mass flux.	International Journal of Advanced Research in Computer Science	July 2017	0976-5697
7	Thermo Diffusion and Chemical Reaction Effects on MHD Convective Flow of Visco-Elastic Fluid Past an Oscillating Porous Plate in the SlipFlow Regime with Heat Generation/Absorption.	Research J. Science and Tech.	September 2017	0975-4393
8	The Impact of the thickness of the Permeable Fabric on the parallel plate channel stream of Casson Liquid when the dividers are provided with non-erodible permeable lining.	International Journal of Mechanical and Production Engineering Research and Development	June 2020	2249-6890, 2249-8001

Experience:

Worked as Academic Consultant in the Department of Mathematics in S.V.U. College of Sciences, Sri Venkateswara University, Tirupati from 2015 to 2021 for B.Tech

Memberships:

Life member of the Council of the Andhra Pradesh Society for Mathematical Sciences (APSMS) - LM No. 864