



JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION

JSSATE Campus, Uttarahalli – Kengeri Main Road, Bangalore – 560 060

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1. **NAME** : G.S.MYTRA
2. **Designation** : Assistant Professor
3. **Name of the Dept.** : Mathematics
4. **Date of joining the Institution** : 16-09-2002
5. **Date of Birth** : 06-10-1964
6. **Father Name** : G.P.SHADAKSHARAPPA
7. **Sex** : FE MALE
8. **Nationality** : INDIAN
9. **Contact No.** : 9916080622
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11. **Address**
 - a. **Correspondence** : Department of Mathematics, JSSATE,
Uttarahalli–Kengeri Main Road, Bengaluru – 560 060
 - b. **Permanent Address** : #1196 'Prakruthi', Brigediar Gokale Road,
B.E.M.L 3 Stage, Rajarajeshwari nagara,Bengaluru-560098
12. **Employment Type** : Permanent
13. **Educational Qualifications** : **B.Sc., M.Sc.(Ph.D)**
(In reverse Chronological Order)



Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	Ph.D(pursuing)	Mathematics	Computational fluid dynamics	Synopsis submitted	Bharathiar University
1	M.Sc	Mathematics	Practical computer programming	1988	Gulburga University
2	B.Sc	Science	P.C.M	1984	Mysore University

14. Service Details (In reverse Chronological Order):**a. Teaching Experience: 26 years**

Sl. No	From (mm/yy)	To (mm/yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	16-09-2002	Till Date	14Years 2 Month	Engineering (B.E)	Assistant Professor	JSSATE Bangalore.
2	01-09-1992	1-09-2002	10 Years	Engineering (B.E)	Lecturer	U.B.D.T.College of engineering, Davanagere.
3	01-06-1990	31-03-1992	2 Years	Degree	Lecturer	A.V.K.College for Women Davanagere.
Total Experience			26 Years			

b. Industrial Experience : Nil**15. Membership in various University Boards / Committees / Other (Specify):** Nil**16. Awards** : Nil**17. Details of Books published** : Nil**18. Number of Ph.D. Guidance** : Nil**19. Patents** : Nil**20. Projects** : Nil**21. Field of Expertise / Interest** : **Fluid Mechanics****22. Details of Publications:**

Number of papers published in International Journals: 03

Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Dr.P.K.Srimani	Inertial effects on steady hydromagnetic mushy layer convection.	Magnetohydrodynamics S.C.I.E	Thomson Scientific	ISSN:0024-998X VOL 52,NO.3,PP 391-406
2	Dr.P.K.Srimani	Hydromagnetic Convection in a Mushy Layer with Variable Permeability – an Analytical Study.	Procedia Engineering	Elsevier.	Procedia engineering127(2015) pp 830-837.

3	Dr.P.K.Srimani	Solutal convection in a gravity modulated mushy layer during the solidification of binary alloys	IJETCAS	IASIR	IJETCAS7 (4), Dec2013-Feb2014, pp 457-462.
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Number of papers presented in International Conference: 03

SI No	Name of Co-Author	Title of the paper	Name of the Conference	Date and Place
1	Dr.P.K.Srimani	Hydromagnetic Convection in a Mushy Layer with Variable Permeability – an Analytical Study.	International conference on Heat and Mass Transfer	29Nov2015-2Dec2015 N.I.T. Warangal Telangana, A.P.
2	Dr.P.K.Srimani	Non-linear 2D steady convection in rotating, modulated and unmodulated Mushy Layers	“Convergence in Science and Engineering in Education & Research. A Global perspective in the New Millennium-ICSE	April21-23, 2010. Dayananda Sagar Institutions, Bangalore
3	Dr.P.K.Srimani	Finite Amplitude Steady convection in Modulated and Unmodulated Rotating of Mushy Layers.	Mathematical Modelling and Nonlinear Equations	Jan 20-22, 2010 B.N.M. Institute of Technology. Bangalore.

Number of papers presented in national Conference: 04

SI No	Name of Co-Author	Title of the paper	Name of the Conference	Date and Place
1	Dr.P.K.Srimani	Two dimensional –steady convection in gravity inclined mushy layers	National Conference on Soft Computing NCMSC-2012	5 th -7 th July2012 National Institute of Technology Calicut.
2	Dr.P.K.Srimani	Non-linear oscillatory convection in modulated unmodulated mushy layers”	“Emerging trends in fluid mechanics and Graph theory	Feb25-26, 2010. Chirst University, Bangalore
3	Dr.P.K.Srimani	The effect of uniform Rotation on Finite amplitude convection in mushy layers.	The Importance of Discrete Mathematics in Mathematics and Computer science (UGC Sponsored National conference)	March 13&14, 2012. Maharani’s Science college for women, Bangalore.

4	Dr.P.K.Srimani	Nonlinear double diffusive porous convection under gravity modulation	New frontiers in the development of Science & Technology	16-17April2009, B.M.S College for women.
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Number of National conferences / Symposium / workshops attended: 13

SI No	Name of Conference / Symposium / Workshops	National / International	Sponsored by	Date and Place
1.	International conference on Heat and Mass Transfer	International		Nove30 - Dec2, 2015. Organized by National Institute of Technology, Warangal, Telangana, India.
2.	Two week international work shop on Computational Fluid Dynamics.	International	TEQIP-II	23 rd June -5 th july2014. Organized by department of Mathematics, B.M.S. College of Engineering, Bangalore.
3.	Four day' workshop on "Introduction to Therapeutic Counselling for Engineering Teachers"	National		13 th to16 th july 2015 Nitte, Karnataka, India.
4.	Two days International conference on "Advances in Mathematical Sciences and Applications"ICAMSA-2014	International		22-23, December 2014 A.I.T- Chikkamagalore, Karnataka, India
5.	UGC Sponsored National conference on Importance of Discrete Mathematics in Mathematics and Computer science.	National	U.G.C	Maharani's Science college for women, Bangalore, India
6.	Three days Faculty Development program on Mat lab Tools with hands on experience for research. .	National	F.D.P	4-6Feb, 2013. Organized by department of Instrumentation technology J.S.S.A.T.E-Bangalore, India
7.	National Conference on Soft Computing	National		5 th -7 th July 2012. National institute of technology- CALICUT, India
8.	Recent Advances in Applied Chemistry and Nano-Technology	National workshop	VTU-VGST	Basic science department JSSATEB from 26 th to 30 th of March 2012
9.	Symposia on Science and Technology	National	D.S.T Govt of Karnataka	28 th February 2011 J.S.S.A.T.E, Bangalore, India

10.	“Convergence in Science and Engineering in Education & Research. A Global perspective in the New Millennium ICSE	International		April21-23, 2010 Dayanda Sagar Institutions, Bangalore, India
11.	“Emerging trends in fluid mechanics and Graph theory”.	National		Feb25-26, 2010. Organized by the Department of Mathematics, Chirst University, Bangalore, India
12.	“Mathematical Modelling and Nonlinear Equations”	International		Jan 20-22, 2010. B.N.M. Institute of Technology. Bangalore, India
13.	New frontiers in the development of Science &Technology ”	State level conference	U.G.C	16-17April2009 B.M.S College for women.