



<b>Faculty Name</b>	<b>Dr.G.S.Mytra</b>	
<b>Academic Designation</b>	<b>ASSISTANT PROFESSOR</b>	
<b>Educational Qualification</b>	<b>M.Sc. PhD</b>	
<b>Experience in Teaching &amp; Industry</b>	<input type="text" value="35"/> 6-Months	
<b>Date of Joining</b>	<b>1-12-2021</b>	
<b>Official Email ID</b>		
<b>Employee ID</b>	<b>180540</b>	

### Educational Details

<b>FORMAL MODE OF EDUCATION</b>				
<b>Degree</b>	<b>Board/Institution</b>	<b>Mode of education</b>	<b>Year Of Passing</b>	<b>Percentage of Marks</b>
Ph.D (Mathematics)	Bharathiar university	Part-Time	2018	-----
M.Sc (Mathematics)	Gulbarga university	Full-Time	1988	62.2%
B.Sc	Mysore University,	Full-Time	1984	50%

	Bhadravathi			
P U C	P U Board	Full-Time	1982	59%
SS LC	SS L C Board	Full-Time	1979	50%

### Diploma in counseling Skills from Banjara academy,Bangalore

#### Universal human Values

By attending the following workshops on universal human values taken on leading the universal human values as part of student Induction program every year.

Sl No	Name of Workshops/ QIP	National / International	Sponsored by	Date
1	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP- On Student Induction	International	AICTE	15-17 Nov 2019
2	"Faculty Development Program for Student Induction (FDP-SI)	National	AICTE	23-29 July 2019 & 17-19 June 2019

### Professional Experience

Description	Board/Institution	Experience
Assistant Professor	Dayananda Sagara Academy of Technology and Management, Bangalore	20221 – Till date
Assistant Professor	J S S Academy of Technical Education, Bangalore.	2002-2021

Lecturer	University B.D.T college of Engineering , Davanagere	1992-2002
Lecturer	A V Kamalamma college for Women	!990-!997 (part time)

## Responsibilities other than academics at DSATM

### Responsibility of student counselor

- Taking care of students counseling without disturbing my regular academic role and activities.
- Till date counseled one faculty around 30 students from undergraduate BE students and postgraduate - MCA student.
- Supported students using counseling skills and helped them to go through the process of self inquiry, and with the help of small interactive exercises they were able create a new possibility in an area of their life that is important to them.
- In each and every class of all branches of even semester (2022) - created awareness on the importance of counseling and the role of counselor, psychologist and psychiatrist - so that students find freedom to meet counselor.

### Faculty development program

- As a resource person conducted **FDP on Scientific foundation of health** and trained basic science faculties to teach SFH with ease - on 26 & 27 May2022, after attending faculty development program on Scientific foundation of health organized by VTU

### Work shop

- Organize workshop on Scientific foundation of health for students to get more clarity on Avoiding risks & harmful habits by Dr.Neeraj Raj and Preventing and fighting against disease for good health by Dr.Shashikanth

## Publications

### PUBLICATIONS (international)

Sl. No	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp

1	B Umadevi G.S.Mytra M.P.Rupashree	Mathematical modelling of poroviscoelastic biofluid material for convection drift-diffusion dynamics within caputo and atangana-Baleanu operator	ZAMM Web of science Q2		DOI:10.1002/zamm.70116 9 May 2025
	Dr.P.K.Srimani	Inertial effects on steady hydromagnetic mushy layer convection	S.C.I.E	Thomson Scientific	ISSN:0024-998X VOL 52,NO.3,PP 391-406 Impact factor: 0.873
2	Dr.P.K.Srimani	Hydromagnetic Convection in a Mushy Layer with Variable Permeability – an Analytical Study.	Procedia Engineering	Elsevier.	<b>ISSN: 1877-7058</b> Procedia engineering127(2015) pp 830-837. Impact factor: 0. 73
3	Dr.P.K.Srimani	Solutal convection in a gravity modulated mushy layer during the solidification of binary alloys	IJETCAS	IASIR	IJETCAS 7 (4), Dec2013-Feb2014, pp 457-462.

### Publications (national Conference Proceedings)

Sl No	Name of Co-Author	Title of the paper	Name of the Publishing Entity	Date and Place
1.	Dr.P.K Srimani	Two dimensional - steady convection in gravity inclined mushy layers	ISBN 978-93-82359-71-5. Publisher : Mudranik Technologies Pvt.Ltd. Bangalore.	NIT-Calicut , 2012

2	Dr.P.K Srimani	Hydromagnetic Convection in a Mushy layer with variable permeability	International Conference on computational Heat & Mass Transfer (ICCHMT)	NIT- Warangal 2015
3.	Dr.P.K Srimani	A Mathematical model for finite amplitude double diffusive porous convection in modulated environment	National women's science congress Mathru vedike(women scientist forum) Swadeshi Vijnana Andolana	BLDEA'S - Bijapura,2008

### Workshops /FDP/FIP Attended

Sl No	Name of Workshops/ QIP	National / International	Sponsored by/.	Date
1	3-days FDP on scientific foundation of health		VTU & Jyothy Institute of Technology, Bangalore	9-11 May2022
2.	Faculty immersion programme on pedagogical approaches		DSATM	8-12 april2022
3.	Advanced Training of Trainers Workshop on Preparing Resource Persons for FDP- On Student Induction	International	AICTE	15-17 Nov 2019
4	"Faculty Development Program for Student Induction (FDP-SI)"	National	AICTE	23-29 July 2019 & 17-19 June 2019

5	Five Day Skill enhancement Program for mentors, teachers and Counselors on Helping Students get through college	National	VTU and NIMHANS	21-25 Jan 2019
6	Short course on Enhancing Pedagogical Skills	National	Ministry of HRD, Govt of India	17-21 Jan 2017
7	Workshop on "Accreditation Process for Technical Institutions"	National	VTU, ISTE, IIIE, QCFI	26-27 Aug 2016
8	Four day' workshop on "Introduction to Therapeutic Counselling for Engineering Teachers"	National		13-16 July 2015
9	Two week international work shop on Computational Fluid Dynamics .	International	TEQIP-II	23 <sup>rd</sup> June -5 <sup>th</sup> July 2014.

### Number of papers presented in International Conference: 03

Sl No	Name of Co-Author	Title of the paper	Name of the Conference	Date and Place
1.	-	The effect of uniform rotation on finite amplitude convection in mushy layer	20 <sup>th</sup> international conference of International Academy of Physical sciences on Recent advances in Physical sciences and future challenges	July 14-16, 2017 Osmania university, Hyderabad-500007

2.	Dr.P.K.Srimani	Hydromagnetic Convection in a Mushy Layer with Variable Permeability – an Analytical Study.	International conference on Heat and Mass Transfer	29 Nov-2 Dec 2015 N.I.T. Warangal Telangana, A.P.
3	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
4	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 <sup>th</sup> -7 <sup>th</sup> July2012 National Institute of Technology Calicut.
2	Dr.P.K Srimani	Non-linear oscillatory convection in modulated unmodulated mushy layers” in the National conference on	“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.

### Attended International/ National conferences / Symposium /Webinar : 15

SI No	Name of Conference / Symposium / Workshops	National / International	Sponsored by	Date and Place
1.	Application of Statistics and Probability in Speech Recognition	National Webinar		11 July 2020
2.	Role of mathematics in Academic Research and Technology	International Webinar	ISTE	13-17 July 2020
3.	2nd international conference "Global advancement of Mathematics-2019	International		25 - 26 Jun 2019
4.	20 <sup>th</sup> international conference of International Academy of Physical sciences on Recent advances in Physical sciences and future challenges	International		July 14-16, 2017 Osmania university,Hyderabad-500007
5.	International conference on Heat and Mass Transfer	International		Nov30 - Dec2,2015. Organized by National Institute of Technology ,Warangal, Telangana ,India.
6.	Two days International conference on "Advances in Mathematical Sciences &	International		22-23, December 2014 A.I.T- Chikkamagalore,

	Applications"ICAMSA-2014			Karnataka, India
7.	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
8.	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
9.	National Conference on Soft Computing	National		5 <sup>th</sup> -7 <sup>th</sup> July 2012. National institute of technology- CALICUT, India
10.	Recent Advances in Applied Chemistry and Nano-Technology	National workshop	VTU-VGST	Basic science department JSSATEB from 26 <sup>th</sup> to 30 <sup>th</sup> of March 2012
11.	Symposia on Science and Technology on	National	D.S.T Govt of Karnataka	28 <sup>th</sup> February 2011 J.S.S.A.T.E, Bangalore, India
12.	"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
13.	"Emerging trends in fluid mechanics and Graph theory".	National		Feb25-26, 2010. Organized by the Department of Mathematics, Chirst University, Bangalore, India
14.	"Mathematical Modelling and Nonlinear Equations"	International		Jan 20-22, 2010.  B.N.M. Institute of Technology. Bangalore,

				India
15.	New frontiers in the development of Science & Technology ”	State level conference	U.G.C	16-17April2009 B.M.S College for women.

### Programs organized as counselor at JSSATE

Sl No	Date	Name of the program	Resource person
1.	26.6.21	International day against drug abuse and illicit trafficking	Mr.Sandeep patil - IPS Joint commissioner of police, crime, Bangalore city police
2.	19.6.21	Living life powerfully & Living a life that you love	Sri Sai Krishna Rao General Manager-Education Schneider electric
3.	30.12.20	Better World for children	Dr.Vijayalakshmi Balekundri Professor of pediatric Cardiology Sri Jayadeva Institute of cardiovascular sciences and Research, Bangalore
4.	25.11.20	Design your carrier-an inside out v/s an out side in approach	Leela Gangappa Career success coach Young ovation, Bangalore
5.	29.11.2019	Importance of universal human values in student induction program for faculty members	Smt. Vandana Singhal
6.	16.3.2019	Tackling the World's oldest and strongest emotion for students	Dr. Rajdeep Manawani  National award recipient
7.	8.3.2019	Awareness on Naturopathy	Dr.Suvarnini
8.	22.2.2019	Lecture on 3C's for effective teaching for faculties	Dr.Rajdeep Manawani  National award recipient

9.	6.4.2018	Personality development program for faculties	Jagadeesh Jeerige Land mark world wide-Bangalore centre
10 .	6.10.2017	Breast cancer awareness program	Dr. Jayanthi thumsi B.G.S Hospital
11	6.4.2017	Personality development program FOUR-S for students	Dr.Ramesh Kamat
12 .	17.2.2017	Dealing with an adolescence of Engineering students for faculties	Dr.Veena satish
13 .	7.12.2015	Modern food habit-A disaster to the planet - Siri dhaanya a way out	Dr. Khader Health Consultant, Mysore

## Conference Attended

Capacity Building	International	National	Communication & Collaboration
Conference	6	1	3-Presentations 4- Participations
Workshop	4	17	Participation
Symposium			
Seminar	1	6	Participation
FDP	9	24	Participation
Webinar		4	Participation
STC	5		Participation

## Awards

Faculty Excellence Award-2023 for the DSSM (II B.Tech)

Faculty Excellence Award-2023 for the Optimization Techniques (III B.Tech)

Faculty Excellence Award-2023 for the MFCS(M.C.A.)

## Academic Activity

### Teaching - Courses Taught:

#### For Intermediate(PUC):

Algebra  
Probability & Statistics  
Trigonometry  
Co-ordinate Geometry  
Calculus

#### For UG (B.Sc./B.Tech/B.E):

Ordinary and Partial Differential Equations  
Solid Geometry  
Real Analysis  
Ring theory and Vector Calculus  
Calculus and Linear Algebra  
Laplace Transforms  
Fourier series  
Fourier transforms  
Complex analysis  
Advanced Numerical Analysis  
Optimization Techniques  
Discrete Mathematics  
Probability  
Statistics  
Mathematical logic  
Graph Theory  
Scientific foundation of Health

#### For PG (M.C.A/M.B.A)

Mathematical Foundations for Computer Science  
Statistical Mathematics

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### Responsibility of student counselor

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### Contact Details

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