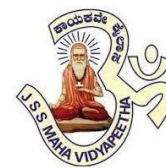





JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www.Jssateb.ac.in



FACULTY PROFILE

Department: Engineering Mathematics

1. Personal Details

NAME	Dr. Shalini M. Patil	
DEPARTMENT	Mathematics	
DESIGNATION	Assistant Professor	
PHONE	+91 9980516516	
EMAIL ID	shalinimpatil@jssateb.ac.in	
Date of Joining (JSSATEB)	10-10-2005	

2. Experience

Total Experience in Years	Teaching: 25 Years	Industry: Nil	Research: 13 Years
---------------------------	--------------------	---------------	--------------------

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.,	PCM	1995	NMKRV College for Women, Bangalore, 560004 Karnataka, INDIA	Bangalore University, Karnataka
M.Sc.	Atmospheric Science and Graph Theory	1997	Central College, 560001 Karnataka, INDIA	Bangalore University, Karnataka
M. Phil	Fluid Mechanics	2009	Universal College	Sri Venkateshwara University, Tirupati Andhra Pradesh.
Ph.D.	Fluid Mechanics	2015	M.S. Ramaiha Institute of Technology	Visvesvaraya Technological University, Belagavi.
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National: Nil
Papers Published in SCOPUS indexed Journals	International: 02	National: Nil

Papers Published in other Journals	International: 03	National: Nil
Papers Presented in Conferences / Symposium	International:06	National: 01
Books / Book chapters Published	Name of the book: Nil Publisher: Nil Year of Publication: Nil	
	Name of the book: Nil Publisher: Nil Year of Publication: Nil	

5. Research Guidance

PhD Guide? Give field & University	Yes, Fluid Mechanics	University: Visvesvaraya Technological University, Belagavi,
PhDs / Projects Guided	Ph.D. Awarded: Nil Guiding: 01 (one)	Projects at Master's Level:Nil Projects at Bachelor's Level:Nil

6. Grants

i. Funds Received (Projects) Nil

ii. Patents Nil

iii. Consultancy Nil

7. Awards Received

Awards "Best teacher Award"	Received best teacher award from Academic Monitoring and Improvement Division (AMID) cell during the year 2018.
--	---

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Combined Effect of Viscous Dissipation and Forchheimer Drag on 3D Nanofluid Flow over Nonlinear Stretching Sheet	Manoharkumar M.N, Dinesh P.A , K.V Suma	Journal of Metals, Mines and Fuels	71 , 12C	Scopus	0.14	Informatics Publishing Limited and books and Journals Pvt limited
2	Prediction of heat exchanger efficiency using laminar heat transfer in swirling flow of radiated graphene oxide with nano fluid additives using machine learning technique	Abilash Radhakrishnan, Sanjay R Pawar, Deni Jermisha, Praveen baramavatu	Numerical Heat Transfer Part B : Fundamentals	To be issued	SCI / Scopus Both	1.44	Emerald
3	Numerical Approach to interpret the attributes of porous Journal bearings using couple-stress fluid	C.V. Vinay, Dinesh P. A	Industrial Lubrication and Tribology	2020	both	1.23	Emerald

4	Multigrid Solution to analyze the effect of roughness for Modified Reynolds equation	Dinesh P. A, C.V. Vinay	Advances and Applications in Mathematical Sciences.	18(10),2019	WOS	--	Mili
5	Numerical Solution of Modified Reynolds Equation to study the roughness effects between two parallel plates	Dinesh P. A, C.V. Vinay	World Applied Sciences journal	35(5),2017	Scopus	0.47	IDOSI Publications
6	Numerical study of Surface roughness and Magnetic field between roughness and porous rectangular plates	Ramesh B Kudenatti, Dinesh P.A and C.V. Vinay	Mathematical Problems in Engineering	ID 91581,2013	both	1.1	Hindawi publishing corporation

ii. National Journals NIL

iii. Conferences Nil

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	FDP on Algebra, Analysis and Number Theory	SRM University	16-20 th December 2024
2	IWMRW-2024	Central University TamilNadu with NBHM	October 5-6 th 2024
3	FDP- Taking Research to Next level	Sri Venkateshwara College of Engineering Bengaluru	September 26-30 th 2022
4	Online course- Computational Mathematics for Data science	IIIT Allahabad with GAT Bengaluru	August 01-12 th 2022
5	FDP- Mathematical Developments in Cryptography and Data science	RIT , Bengaluru	August 9-13 th 2021
6	ATAL FDP –Stress Management	ATAL	February 1-5 th 2021
7.	Exploring ICT initiatives in Higher Education.	National College, Bangalore.	13-07-20 to-17-07-2020
8	Applications in Probability and statistics in Speech recognition.	AMC, Bangalore	11-07-2020
9	Mathematical perspectives in computational Science and Engineering.	RIT, Bangalore.	06-07-20 to 10-07-2020
10	Vedic mathematics and Aptitude and Logical reasoning.	CIT, Bangalore.	29-06-2020
11	Quality research and its output and Paradigm shift in teaching pedagogy Post covid-19.	Jain University Bangalore.	19-06-2020
12	International Conference on Applied and Computational Mathematics (ICACM)	Erode Arts and Science College	10-08-2018
13	ICEMS	IOSRD	14-04-17 to 15-04-2017
14	International Conference ICEMS -2016	Jaipur University, Jaipur.	17-03-16 to 19-03- 2016
15	International Conference ICEMS-2014	AIT, Chikmanglur	22-12-14 to 23-12-14
16	National Conference on Applied Mathematics	Department of Mathematics at Government Science College	25-04- 2014.

17	National Conference on Recent Trends in Applied Mathematics	Mathematics Department SIT Tumkur	07-06-13 to 08-06-13.
18	National Workshop on Advanced Linear Algebra and its Applications to Engineering	Department of Mathematics, MSRIT, Bangalore.	17-07-13 to 20-07-13
19	National Workshop on Application of Wavelets for Signal and Image Processing in Research	JSSATEB, Bangalore	08 -04-13 to 09 -04- 2013
20	International Conference ICMS -2012,	SSEMS College Nagpur .	28-12-12 to 31-12- 2012
21	National Conference on National Science day	DST, Govt. of Karnataka.	28 -02-2011
22	International Conference on Convergence of Science and Engineering in Education and Research	Department of Mathematics, Dayananda Sagar Institutions, Bangalore,	21-04-10 to 23-4- 2010
23	National Conference on Applications of Graph theory	Department of Mathematics, RVCE, Bangalore	12-04-07 to 13-04 -2007

v. Workshops / Conference /SDP (Organised)

Sl. No.	Student Development Program	Organised by	Date	Role
1	Overview of Automation and Client-Server Interactions using REST services	Department of Mathematics- JSSATE Bangalore	13-08-2022	Coordinator

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Indian Women and Mathematics (IWM-2019)	IIT Bmbay	10-06-19 to 12-06- 2019
2	Mathematics of Soft computing (NCMSC-2012)	NIT Calicut	05-07-12 to 07-07-2012

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Matrix Analysis and its Applications	NPTEL (IIT Roorke)	07/12/2019	75%
2	Matrix methods	COURSE ERA -University of Minnesota	28/09/2020	86%
3	Data Science for Maths skills	COURSE ERA -Duke University	27/09/2020	85%

10. Membership of Professional Bodies:

1. Example : 1. Life Membership in Indian Mathematical Society (IMS)

11. Any other information you will like to share about your professional experience

Dr. Shalini M. Patil,
Assistant Professor,
JSS Academy of Technical Education
Bangalore 560060