

PPG COLLEGE OF ARTS and SCIENCE, COIMBATORE

Department of Mathematics

STAFF PROFILE

1	Name of the Staff	Dr. R. PRAVEENA
2	Designation	Assistant Professor
3	Date of Birth	30-05-1992
4	Mobile Phone Number	6369569435
5	Email ID	praveenar.cas@ppg.edu.in
6	Educational Qualification	M.Sc.,M.Phil.,Ph.D
7	Specialization	Fluid dynamics
8	Experience (As on 31.12.2021)	3 years 6months
9	Research Projects Details	An Investigation on flow of powell-eyring fluid in the presence of chemical reaction
10	Publications in Journals	(i) International level: 6
11	Workshop / Conference / Seminar / FDP - Attended	(i) International level: Conference:2 seminar:7 FDP:1 (ii) National level:Workshop:2 Conference:1 seminar: 6 FDP:4
12	Workshop / Conference / Seminar / FDP - Organized	Coordinator: Webinar:2
13	Online course	Coursera course:1

PROFESSION - RELATED CONTRIBUTION

Additional Responsibilities

S. No.	Nature of Role	Description
1	Aryabhata & Einstein Club	Co-ordinator
2	WOMEN'S CLUB	Member
3	SPORTS	Member
4	NSS	Member
5	FINE ARTS	Member

Workshops/FDPs/Conferences Attended as a Participant

S. No.	Workshop/FDP/Conference Name	Organizer	No. of days	Date & Year
1	National webinar on importance of rough set theory in science and engineering	Kalinga university Raipur	1	9 Feb 2022
2	National level virtual workshop on Algebra and analysis	Sri Ramakrishna College of Arts and Science,Cbe	1	2 Feb 2022
3	FDP On Kanini vazhi karpithal nutpangal	PPG College of Arts and Science	5	27Jan-1Feb Jan 2022
4	FDP On 3 Days Online Faculty development Program	Pioneer College of Arts and Science, Coimbatore	3	27 - 29 January 2022
5	FDP On 5 Days IQAC FDP Series - 2022	Sankara College of Science and Commerce, Coimbatore	6	24 - 29 January 2022
6	Outreach Program On MATLAB - A Tools for Project	Sri Sarada College for Women, Selam	1	27 January 2022

7	International virtual FDP on Innovative teaching techniques and research methodology	Sri Ramakrishna College of Arts and Science,Cbe	6	15-20 Nov 2021
8	International virtual Conference on Progress in mathematics towards industrial applications	SRM Institute of Science and Tech,,Chennai	2	29-30 Oct 2021
9	International virtual FDP on Research Article Writing And Publishing	Sri Jayendra Saraswathy Maha Vidyalaya College of Arts and Science,coimbatore	5	25-29 Oct 2021
10	Webinar on Nation building role of youth in social service	Saradha Gangadharan College,Salem	1	21 Oct 2021
11	International virtual conference on Recent development in Computational mathematics (ICCM-21)	Rathinam College of arts and science, Coimbatore	1	11 Jan 2021
12	Webinar on Automated driving system design and simulation using Matlab and Simulink	Kumaraguru College of Technology,Cbe	1	23 Dec 2020
13	Webinar on Data analytics with Matlab	Kumaraguru College of Technology,Cbe	1	22 Dec 2020
14	Online Webinar on “Dynamical systems- Illustrative examples from unstable nano liquid systems in a cylindrical annulus”	CMR Institute of Technology, Bengaluru	1	16 Dec 2020

15	International webinar on “Matlab Applications for Numerical Methods and Control Systems”	K.S.Rangasamy College of Technology, Tiruchengode	1	22 Dec 2020
16	National level webinar on “Latex- Programme”	Queens College of Arts and Science for Women, Pudukkottai	1	22 Dec 2020
17	Webinar on basic steps to write research paper	Kaamadhenu Arts and Science, Erode	1	24 April 2020
18	National Seminar on Modern Techniques and Applications in Mathematics	Sree Saraswathi Thyagaraja College, Pollachi	1	11 Feb 2016
19	National Level Conference on Recent Trends in Pure and Applied Mathematics	Rathinam College of arts and science, Coimbatore	1	4 Sep 2015
20	National Seminar on Modern Techniques and Applications in Mathematics	Sree Saraswathi Thyagaraja College, Pollachi	1	6 Feb 2015
21	Science Academies Lecture Workshop on Fluid Dynamics and its Applications	P.S.G.R Krishnammal College, Coimbatore	3	22 -24 Dec 2014
22	UGC Sponsored National Seminar on Geometric Analysis	NASGA, N.S.S College, Nemmara	2	2-3 Dec 2014
23	TANSCHE Sponsored National Seminar on Graph Theory and its Applications	Providence College, Coonoor	1	10 Feb2012

Workshops/FDPs/Conferences/Seminars Organized as Coordinator / Convener

S. No.	Workshop/FDP/Conference Name	No. of days	Date(s)	Organizer
1	Webinar - How to Enjoy Mathematics	1	22 Dec 2021	Coordinator
2	Webinar - Application of Mathematics in Real Life	1	25 Oct 2021	Coordinator

NO OF ONLINE COURSES COMPLETED

S.NO	NAME OF THE COURSE	NAME OF THE ORGANIZATION	DATE& YEAR
1	Introduction to ordinary differential equations	Korea advanced institute of science and technology	2 Dec 2021

NO OF PAPERS PUBLISHED

1. 'Powell-Eyring Magneto-Nanofluid Flow over a Stretching Cylinder with nth Order Chemical Reaction' *International Journal of Engineering Sciences Paradigms and Researches (IJESPR)* (ISSN 2319-6564) Volume 46, Issue 01, Quarter 04 (2017) PP 10-18
2. 'Powell-Eyring Nanofluid Flow through a Permeable Stretching Surface with nth Order Chemical Reaction' *International Journal of Engineering Science Invention (IJESI)* ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, Volume 7 Issue 4 Ver. III April 2018 , PP 88-92
3. 'Effect of Binary chemical reaction on unsteady three-dimensional MHD flow of Powell-Eyring Nano fluid' *International Journal of Engineering Science and Research (IJESR)* ISSN 2277-2685, Volume 8, Issue 07, July 2018, PP 5-13
- 4 'Powell-Eyring fluid Flow through Stretching Sheet with nth Order Chemical Reaction' *International Journal for Research in Engineering Application & Management (IJREAM)* ISSN: 2454 – 9150, Volume 4 Issue 3 June 2018, PP 688-691

5. 'Investigation on MHD Radiative flow of Powell-Eyring Nanofluid Flow through non-linear Stretching Sheet' *International Journal of Advanced Scientific Research and Management (IJASRM)* ISSN: 2455-6378, Volume 4 Issue 7, July 2018, PP 263-270

6. 'MHD mixed convection flow of Powell Eyring fluid past a permeable shrinking sheet with chemical reaction' *International Journal of Advances and Innovative Research (IJAIR)* ISSN (Online): 2394-7780, Volume 5 Issue 2(II) July 2018

Presentation in conference

S.NO	NAME OF THE TITLE	NAME OF THE ORGANIZATION	DATE& YEAR
1	National Seminar on Modern Techniques and Applications in Mathematics " Numerical Analysis of MHD free convection boundary layer flow in a porous medium"	Sree Saraswathi Thyagaraja College, Pollachi	11 Feb 2016
2	National Level Conference on Recent Trends in Pure and Applied Mathematics " Unsteady MHD Flow past an Impulsively started semi-infinite vertical plate"	Rathinam College, Coimbatore	4 Sep 2015
3	UGC Sponsored National Conference on Computational and Applied Mathematics "Dufour and Soret Effect on MHD Flow past an Infinite porous plate embedded in a porous medium"	Erode Arts and Science College, Erode	7 Feb 2015
4	National Seminar on Modern Techniques and Applications in Mathematics " Dufour and Soret Effects on MHD Mixed Convection and Mass Transfer Flow past an Infinite porous vertical plate embedded in a porous medium"	Sree Saraswathi Thyagaraja College, Pollachi	6 Feb 2015

5	UGC Sponsored National Seminar on Geometric Analysis “ Dufour and Soret Effect on MHD Mixed Convective Flow and Mass Transfer”	NASGA, N.S.S College Nemmara	3 Dec 2014
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