

FACULTY PROFILE



MEDEPALLI SANTHA RAJU
Assistant Professor of Mathematics
Dr. SRK Government Arts College
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Date of Joining: 22/01/2018

1. Academic accomplishments :

Sl.No	Degree	Specialization	University / Institution	Year of Completion
1	Ph.D.	Fluid Mechanics	JNTUA, Ananthapuramu	Pursuing
2	M.Phil.	Mathematics	Andhra University	2010
3	M.Sc	Mathematics	Andhra University	2007
4	B.Sc	Mathematics, Physics, Statistics	Andhra Loyola College, Vijayawada	2005
5	M.Tech	Earth System Science and Technology	IIT Kharagpur, Kharagapur	2011

2. Professional / Experience:

Sl.No	Field of Experience	Institution / Organization	Nature of Appointment	From	To
1	Teaching	Dr. SRK Govt. Arts College, Yanam, Puducherry	Permanent/Regular Govt. of Puducherry (UT)	22-01-2018	Till date
2	Teaching	RGUKT IIIT RK Valley, AP	Contract	28-06-2011	20-01-2018

3. Publications:

A. Journal Articles:

Sl.No	Title of the Paper	Journal	Volume, Issue & Page Nos. & ISSN No:
1	SORET AND VARIABLE THERMAL CONDUCTIVITY EFFECTS ON HYDRO-MAGNETIC RADIATING FLUID PAST A VERTICAL PLATE WITH POROUS MEDIUM	Journal of the Serbian Society for Computational Mechanics	Vol. 15 / No. 1, 2021 / pp 51-64, 10.24874/jsscm.2021.15.01.04

B. Papers in Conference Proceedings:

Sl. No	Title of the Paper	Details of Conference Proceedings	Year & Page No's
1	Soret and Dufour effects on MHD free convection flow of a Casson fluid past an oscillating vertical plate in the presence of thermal radiation, chemical reaction and heat source	65 th Congress of ISTAM during December 9-11,2020 at GITAM deemed to be university, Hyderabad	2020
2	Thermal Radiation and Radiation Absorption Effects on MHD Convective Flow of Nanofluid past	66th Congress of the Indian Society of Theoretical and Applied Mechanics (ISTAM)	2021

	an Accelerated Porous Vertical Plate with Variable Temperature	organised by ISTAM and VIT-AP University, Amaravati held during 3rd -5th December 2021	
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C. Seminars/Conferences/Workshops Presented / Participated:

Sl.No	Title of the paper Presented	Title of Conference Participated	Organized by	Year	Whether International /National/State /Regional / College or University Level
1		One-Day National Seminar on "Pattabhi Literature and its Relevance	Kavi Sandhya-A literary and Cultural Organisation, Yanam	2018	National Seminar
2		One day national seminar on contemporary poetry	Kavi Sandhya-A literary and Cultural Organisation, Yanam	2018	National Seminar
3		Cross skill Training-Need of changing Industry	Department of Applied Science	2020	National Webinar
4		Tools and Strategies of ICT for Interactive Pedagogy	Department of Mathematics, JMJ college for Women (Autonomous)	2020	National Webinar
5		Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Problems	Faculty of Mathematics, Freshman Engineering Department	2020	National Webinar
6		Pigeonhole Principle-A popular talk	Department of Mathematics, RGUKT-RK Valley, Idupulapaya, Kadapa (A.P)	2020	National Webinar
7		Matrices and Their Applications in Engineering	Department of Mathematics, RGUKT-Nuzvid	2020	National Webinar
8		Developing quality research paper and publication	ABHAV foundation, Atal bihari Vajpayee trust, Bilaspur,	2020	National Webinar
9		Mathematics Perspectives in Applied Sciences	Yogi Vemana University, kadapa	2020	National Webinar

4. Orientation/Refresher/ Short term Courses /Workshop/Training Programme attended:

Sl.No	Title of the Programme	Sponsors	Venue & Duration	Whether International /National / State /Regional / College or University Level
1	ORIENTATION COURSE	UGC	UGC-HRDC, PONDICHERRY UNIVERSITY.	National Level

			20 th November to 10 th December, 2019	
2	Work shop on R	UGC	A.S.D Degree College for Women(A), Kakinada, 16 th February 2019.	National Level
3	Quality Assessment, Sustenance and enhancement- A journey with NAAC	National Assessment and Accreditation Council(NAAC), Bangalore	27 th and 28 th February, 2020	National Level
4	Google Apps for Education & Moodle	IQAC and Department of commerce, Rajaram college. Kolhapur	VIRTUAL TRAINING. 2 nd & 3 rd July 2020.	National Level
5	ICT competency for Higher Education Teachers	IQAC, Dwaraka Doss Goverdhan Doss Vaishnav College (A)	VIRTUAL TRAINING. 13.07.2020 to 15.07.2020	National Level
6	LaTeX	Sanjay Ghodawat University, Kolhapur in association with Spoken Tutorial Project, IIT-Bombay	27 th April to 2 nd May 2020	National Level
7	Mathematical and Statistical modeling	Department of Humanities and Basic Sciences (Mathematics and Statistics) of Godavari Institute of Engineering and technology	27 th April to 2 nd May 2020	National Level
8	Linear Programming through Microsoft Excel and Solver- An Appetizer	Department of Mathematics, Sri Sarada College for Women (Autonomous), Salem-16	31/05/2020	International Faculty Development Programme
9	Digital Education Tools for Teachers	Department of management Studies, university of Madras	18 th to 20 th June	Faculty Development Programme
10	Exploring Innovations in Mathematical Science (EIMS 2020)	department of Mathematics, Sathyabama Institute of Science and Technology, Chennai	25 th June to 1 st July 2020.	online faculty Development Program
11	Being a Super Teacher	Bannari Amman Institute of Technology, School of Management studies.	July 6 to July 12, 2020	FDP
12	Recent Advances in Mathematics & Statistics	by Department of Mathematics, Institute of Science and Center for Learning & Sustainability, GITAM (Deemed to be university), Visakhapatnam, Andhra Pradesh, India	3 rd August 2020 to 8 th August 2020	FDP
13	Application & implements of Mathematics	Department of Humanities of Hindusthan College of Engineering and Technology, Coimbatore	17/08/2020 to 23/08/2020	International Faculty Development Programme
14	Two-Week	Department of	Department of	National Level

	Refresher course in Mathematics	Mathematics, Ramanujan College	Mathematics, Ramanujan College” from 16-30 March 2021	
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5. Achievements / Awards:

Sl.No	Details of award / Prize	Year	Contribution
1	JRF CSIR-UGC	2016	National Eligibility Test
2	AP SET	2012,2013	State Eligibility Test
3	MHRD Fellowship	2009-2011	
4	Rajiv Gandhi National Fellowship	2008-2009	
5.	Gate exams	2007, 2008	

6. Extra/Extension Work: (NCC, NSS, NGC, etc)

Sl.No	Details of the Activities	Year	Position held
1	Department Coordinator	01-07-2011 to 01-07-2014	Coordinator of Department of Mathematics, RGUKT
2	NSS PO	13-07-2016 to 31-10-2017	Programme Officer of NSS, RGUKT