

Dr J Siva Ram Prasad



Designation : Assistant Professor (Selection Grade)
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Contact at : Department of Mathematics,
 Velagapudi Ramakrishna Siddhartha School of Engineering,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Fluid Dynamics)

2013, Acharya Nagarjuna University, Guntur

APSET (Mathematics)

2014, State Level Eligibility Test

M.Phil (Mathematics)

2000, Madurai Kamaraj University

M.Sc (Mathematics)

1996, Acharya Nagarjuna University, Guntur

B.Ed (Mathematics, Physics)

1998, Acharya Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2005-Till	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design, Ph.D guidance, research publications.
1998-2005	Lecturer	JKC College PG Centre	
2004-2015	Counsellor	Dr. B. R. Ambedkar Open University Study Center, J. K. C. College; Guntur	
1996-1998	Part-Time Lecturer	G.V.R & S. Degree College for Women; Guntur	

Research Interests

Broad Area of Research:

Fluid Dynamics, Optimization Techniques, Statistics

Courses Taught

S.No	Course Name	Level (UG/PG)
1	All Engineering Mathematics, Probability & Statistics, Operations Research, Numerical Methods for Data Analysis (Python)	UG
2	Optimization Techniques, Numerical Analysis Lab (Matlab), Introduction to R for Data Analysis	PG
3	Matlab Lab Courses for ¼ B.Tech	UG
4	Topology, Measure Theory, Functional Analysis, Algebra, Differential Equations, Linear Programming	M.Sc

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=Mk0EwDIAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56326389300
ORCID	https://orcid.org/0000-0002-6842-0525
Research Gate	https://www.researchgate.net/profile/Siva_Jagarlamudi

Recognized Research Supervisor

S.No.	Department	University
01.	Mathematics	Siddhartha Academy of Higher Education (Deemed to be University)

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Assistant Controller of Examinations	VRSEC	2015-2021	Confidential Section
2	University NSS Co-ordinator	SAHE	2025-Till	NSS Activities

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Introduction to R Software	NPTEL	12 Weeks	2017
2.	Introduction to Programming in C	NPTEL	12 Weeks	2018

Patents

S.No	Title	Status	Application No.	Year
1.	System and Method to Predict Product's Freshness Status and Manage Its Delivery	Published	202041026062	2020
2.	A system and method for algebraic cryptography	Published	202341030942	2023
3.	An Artificial Intelligence And Iot Based Fabric Defect Detection System And Method Thereof	Published	202341022907	2023
4.	Advanced Q-Calculus Techniques In Faber Polynomial Analysis For Bi-Close-To-Convex Structures	Published	202441011943	2024
5.	An AI-Based System For Health Care Transaction Validation Via Blockchain Technology and Methods	Published	202441043491	2024
6.	Fluid Flow Optimization Device for Enhanced Dynamics in Pipeline Systems	Published	202441074917	2024
7.	On Semistar Pre Star Closed Set in Topological Spaces	Published	202541028321	2025

Ph.D

Awarded	00
Guiding	01

Invited Talks

No. of Invited Talks	02
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Professional Service / Reviewer

- International Journal of Heat and Mass Transfer (Elsevier)
- International Journal of Heat and Mass Transfer (Elsevier)
- International Journal of Engineering and Technology Innovation

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	16
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International / National Level Seminars	05 / 00
International / National Level Conferences	08 / 00
Workshops	15
Certificate Courses/ FDPs organized as Resource Person	08
Webinars	05

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	L/971	ISTAM (Indian Society of Theoretical and Applied Mechanics)

YouTube Channel

Name : Dr JSRP

Id : <https://www.youtube.com/channel/UChbs0m-w3Fp1TEhiwzB6OQQ>
