

Dr. Siva Mala Munnangi



Designation : Assistant Professor
E-Mail ID : sivamala@vrsiddhartha.ac.in
Contact at : Department of Mathematics,
 Velagapudi Ramakrishna Siddhartha School of Engineering
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Mathematics)

2016, Acharya Nagarjuna University, Guntur

M.Phil (Mathematics)

2007, Acharya Nagarjuna University, Guntur

M.Sc (Mathematics)

2004, Bapatla Engineering College, Bapatla

B.Sc (M.P.Cs)

2002, N.N.S.Vidya Degree College, Chirala

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2024-Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha School of Engineering	Research publications, Paper Presentations, Course co-ordinator for P&S , Conducting remedial classes for slow learners and bridge course classes for Diploma students.
2011-2024	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	
2004-2011	Lecturer	Bapatla Engineering College, Bapatla	

Research Interests

Broad Area of Research :

Semi Rings, Partial Γ - Semi Rings

Honors and Awards

- Qualified APSET-2012 in Mathematical Sciences
- Secured University 5th Rank in M.Sc.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Linear Algebra, Series and Calculus	UG
2	Differential Equations	UG
3	Laplace Transforms and Integral Calculus	UG
4	Discrete Mathematics	UG
5	Probability and Statistics	UG
6	Complex analysis and Numerical methods	UG
7	Operations Research	UG
8	Coding Theory	PG

Research Profile

Publications

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

Google Scholar	https://scholar.google.co.in/citations?user=Nl41ruAAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56942491200
ORCID	https://orcid.org/0000-0003-2254-4650
Web of Science	https://www.webofscience.com/wos/author/record/KIE-7099-2024
Research Gate	https://www.researchgate.net/profile/Siva_Mala

Recognized Research Supervisor

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

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
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Administrative Roles

S.N o.	Role	Institution	Duration	Responsibilities
1.	NIRF Department co-ordinator	VRSEC	2013-2024	Data Collection and Documentation
2.	R&D Department co-ordinator	VRSEC	2016-2021	Data Collection and Documentation

Certifications/MOOC Courses Completed

S.N o.	Title	Platform	Duration	Year
1.	Enhancing Soft Skills and Personality	NPTEL	8 Weeks	2020
2.	Transform Calculus and Its Applications in Differential Equations	NPTEL	12 Weeks	2019
3	Multivariable Calculus	NPTEL	8 Weeks	2018
4	Vector Calculus for Engineers	COURSE ERA		2020
5	Matrix Methods	COURSE ERA		2020
6	Differential Equations for Engineers	COURSE ERA		2020

7	Matrix Algebra for Engineers	COURSE ERA		2020
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Consultancy / Industry Projects

Completed	-
On-going	-
Applied	-

Patents

S.No	Title	Status	Application No.	Year
1.	Enhanced Accuracy and Efficiency in Real Systems Through Fixed Point Analysis Techniques	Published	202441033729	2024
2.	Hesitant Bipolar-Valued Fuzzy Graphs: Tools for Decision Making in Mathematical Modeling	Published	202441061917	2024

Ph.D

Awarded	-
Guiding	-

Invited Talks

No. of Invited Talks	-
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Professional Service / Reviewer

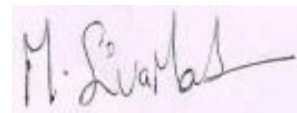
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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	06 / 02
International / National Level Conferences	02 / 06
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	173197	International Association of Engineers (IAENG)
2.	LM1174	Andhra Pradesh Society for Mathematical Sciences (APSMS)



(Dr.M.Siva Mala)

(Your Name & Signature with Date)
