

Dr. MANDAVA SRILAKSHMI



Designation : Assistant Professor
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Contact at : Department of Chemistry,
Siddhartha Academy of Higher Education (Deemed to be University), VR Siddhartha School of Engineering,
Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Physical Chemistry)

2017, Acharya Nagarjuna University, Guntur.

M.Phil ((Physical Chemistry)

2012, Acharya Nagarjuna University, Guntur

M. Sc. (Industrial Chemistry)

2002, Andhra University, Visakhapatnam.

B. Sc. (Mathematics, Physics and Chemistry)

1998, Acharya Nagarjuna University, Guntur.

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2024 –Till date	Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada.	Teaching & Research, Counselling
2007-2024	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching & Research, Counselling
2002-2006	Lecturer	A.N.R.P.L. Arts & Science College	Teaching

Research Interests

Broad Area of Research :

Physical chemistry, Ultrasonics

Honors and Awards

Physical chemistry, Ultrasonics

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Physical chemistry	UG
2	Inorganic chemistry	UG
3	Engineering chemistry	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=PXreHMYAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56805035800
ORCID	https://orcid.org/0000-0001-6590-1860
dblp	-
Publons	-
Research Gate	-
LinkedIn	https://www.linkedin.com/in/mandava-srilakshmi-7963b61b0/

Recognized Research Supervisor

S.No.	Department	University
01.	Chemistry	Siddhartha Academy of Higher Education (Deemed To Be University), Vijayawada.

Funded Research Projects

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

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Central Library coordinator	SAHE	2015 – till date	
2	ISO Coordinator	SAHE	2022 – till date	
3	ECO Club member	SAHE	2017- till date	
4	Lab Course Coordinator	SAHE	2022 – till date	

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Developing Soft skills and Personality	NPTEL	8 weeks	2018
2.	Inculcating Universal Human values in Technical Education	AICTE	5 days	2020
3.	Teaching and Learning in General Programs:TALG	NPTEL	4 weeks	2023
4.	NEP 2020 orientation and Sensitization programme	NEP 2020	9 days	2024

Consultancy / Industry Projects

Completed	-
On-going	-
Applied	-

Patents

S.No	Title	Status	Application No.	Year
1.	Biodegradable Organic Nanomaterials for Sustainable Agriculture and Crop Protection	Published	202341038288	2023
2.	Enhanced Electrical conductivity and optical properties in Graphene carbon Nano tube Hybrid films for flexible Display Technology	Published	202341049903	2023
3.	Eco Friendly and biocomposite nano nanoparticle production for sunscreen and therapeutic formulations	Published	202441048923	2024

Ph.D

Awarded	-
Guiding	01

Invited Talks

No. of Invited Talks	--
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Professional Service / Reviewer

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	5
International / National Level Seminars	06 / 28
International / National Level Conferences	07 / 10
Workshops	15
Instructor Led / Self-Paced Courses	3
Webinars	8

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM-333	Life member of Ultrasonic society of India
2	LM-281	Life member of “ <i>The Indian Thermo dynamics society</i> ”
3	IASTA –LM-621	Life member of “ <i>Indian Aerosol Science and Technology Association</i> ”
4	LMB 4087	Life member of “ <i>Materials Research Society of India</i> ”