

**Aditanar College of Arts and Science
Virapandianpatnam – 628216
Tiruchendur
Bio - Data**



Name of the Department : PHYSICS

Name of the faculty member : Dr. R. SREE DEVI

Qualification : M.Sc., M.Phil., Ph.D.,

Present Designation : Associate Professor

Vidwan id : 419625

Residential Address : 157/25, Dhanalakshmi Nagar,
Kumarapuram, Tiruchendur

Contact Nos. : 9443657732

Email : vsreedevi70@gmail.com

Gender : Female

Community : BC

Date of Birth and Age : 02.05.1970 , 53 yrs

Date of joining : 16.06.2008

Date of Retirement : 31.05.2030

I Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	Physics	1990	Sarah Tucker College, Tirunelveli	Madurai Kamaraj University	81 %	I
PG	M.Sc	Physics	1992	Sarah Tucker College, Tirunelveli	Manonmaniam Sundaranar University	72.3 %	I
M. Phil	M.Phil	Crystal Growth	2005	----	Manonmaniam Sundaranar University	53.2 %	II
Ph.D.	Ph.D	Crystal Growth	2018	----	Manonmaniam Sundaranar University	---	----

II Additional Qualification : -----
NET/SLET

III Title of Ph.D. Thesis : Growth, Characterization and Quantum Chemical Investigations of some Guanidinium based nonlinear optical crystals

IV Faculty/Discipline/Subject in which Ph.D. was awarded : **Physics**

List of Publications : Attached

No. of Candidates Completed Ph.D. under your Guidance : ---

No. of candidates doing Ph.D. under your Guidance : ---

V Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Sri Sarada College for Women, Tirunelveli	S.F	Lecturer	05.07.1993	17.06.2002	8	11	12
Rose Mary College of Arts & Science, Tirunelveli	S.F	Lecturer	16.06.2003	13.03.2007	3	8	25
Aditanar College of Arts & Science	Aided	Assistant Professor	16.6.2008	Till Date	15	4	2
Total					28	--	9

VI Administrative / other Experience :

VII Other Relevant Information : Book published - 2
Paper published - 7
Paper presented: 10

Book chapters or Papers published in national/international conference/Seminar/ workshop proceedings

Title of the Chapter/paper	Title of the Book/ Proceedings of the conference	Name of the conference	National/ International	Year of publication	ISBN number of Book/ proceedings	Publisher/Affiliating Institute at the time of Publication
Growth, Structural, Optical, Thermal and Mechanical Studies of Novel Nickel Sulphate admixtured Sulphamic acid Single Crystals for Optical applications	Springer: Proceedings in Physics	International Conference on Trends in Modern Physics	International	2021	ISSN : 0930 - 8989 ISSN: 1867 - 4941 (Electronic) ISBN : 918-981-16-5140-3	Springer

Research papers published in the Journals:

Title of paper	Name of journal	Volume, Issue, Page No, Year	ISSN number
Investigations on growth and characterization of glycine admixture sodium molybdate crystals for nonlinear optical applications	Optik	127,1708-1713,2016	https://doi.org/10.1016/j.ijleo.2015.11.134
Growth and characterization of D-alanine alaninium bromide crystals	Optik	127,3597-3601,2016	https://doi.org/10.1016/j.ijleo.2015.12.167
Growth, Characterization of N,N'-Dimethylurea Admixture Sulphamic acid Single Crystals(DMUASA)	Asian journal of Chemistry	27(7),2642-2646,2015	https://doi.org/10.14233/ajchem.2015.18734
Growth, Structural, Optical, Mechanical and Quantum Chemical analysis of Unidirectional grown Bis(guanidinium) 5-Sulfosalicylate (BGSSA) single crystal.	Physica -B condensed Matter Physics	531, 21-29,2018	https://doi.org/10.1016/j.physb.2017.12.002

Growth,Optical, Mechanical and Electrical Properties of Zinc Sulphate Admixed N-N'-dimethylurea Single Crystals(DMUZS)	Research & Reviews : Journal of Physics	7,1,24-33,2018,	ISSN:2347-9973
Imidazole added Sulphamic acid single crystals with optimal properties for optoelectronic devices	Materials Today: Proceedings	3276 - 2282	http://doi.org/10.1016/j.matpr.2021.09.342
Growth, Characterization and Chemical Computations of Guanidinium Trichloroacetate (GTCA) Single Crystal - DFT approach	Bulletin of Chemical Society of Ethiopia	37(4), 1033 - 1045, 2023	ISSN: 1011 -3924