



SRM Valliammai Engineering College

(An Autonomous Institution)


SRM Nagar, Kattankulathur-603203, Chengalpattu District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

Department of Physics

Personal Details

Name :	Ms.S.Sowmiya	
Designation :	Assistant Professor(O.G)	
Educational Qualification :	M.Sc.,M.Phil., (Ph.D)	
Experience:	12.8 yrs	
Area of Specialization :	Nano Composites, Materials Science	
Date of Birth :	17/07/1986	
Date of Joining :	18/07/2014	
Email ID :	Sowmiyas.physics@valliammai.co.in	
Contact Numbers :	95004 34660	Extn:0442758091



Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.Sc.,	Physics	St.Joseph's College of arts and science, Thiruvalluvar University.	2006
2	M.Sc.,	Materials Science	College of Engineering, Guindy, Anna University.	2008
3	M.Phil	Physics	College of Engineering, Guindy, Anna University	2009

Professional Society Memberships

1. Indian Science Congress Association
2. Indian Association of Crystal Growth
3. Indian Society for Technical Education

Publication Details

1." Structural and magnetic studies of nickel doped barium ferrite via Co-Precipitation method" in *Physics open* , S. Vadivelan and **S. Sowmiya**, vol. 9, pp. 100094 – 100100, 2021.

FDP/Conferences / Workshops :

1. Attended an FDP on “Materials: Recent Trends & Engineering Applications” from 2.06.20 to 7.06.20 conducted by GokarajuRangaraju Institute of Engineering and Technology, Hyderabad, Telangana.
2. Attended a FDP on “Evolution of Functional Materials and Their Characterization Techniques” from 22.06.20 to 29.06.20 conducted by Kumaraguru College of Engineering and Technology, Coimbatore.
3. Attended a FDP on “Virtual Learning Platform for Experimental Science” on 2.07.20 conducted by A.P.C Mahalakshmi College for Women, Thoothukudi.
4. Attended a FDP on "Advanced Materials for Energy Storage Applications" from 18.7.20 to 22.07.20 conducted by Vellammal Institute of Technology.
5. Attended an “Introductory Workshop on Virtual Physics Lab” on 8.12.2020 by Department of physics, National Institute of Engineering, Mysuru.
6. Participated successfully in 6 days FDP on Engineering Physics conducted by Indira Ganesan College of Engineering, Trichy in association with Centre for Faculty Development, Anna University, Chennai held during 14 th to 19 th June 2021.
7. Completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on Nanomaterials and Nanotechnology from 20/09/2021 to 24/09/2021 at Defence Institute of Advanced Technology.

Online Courses Attended

Sl.No	Name of the course	Duration	Percentage	Remarks
1	NPTEL-Fundamentals of Optical and Scanning Electron Microscopy	Jan-March 2016 20 hours course	77%	Topper + Elite Certificate
2	NPTEL-Fundamentals of X-ray diffraction and Transmission Electron Microscopy	July to Sept 2016 20 hours course	90%	Topper + Elite + Gold certificate
3	NPTEL-Material Characterization	Jan -April 2018 8 Week course	56%	Successfully completed
4	NPTEL – Experimental Physics I	Jan -April 2018 8 Week course	81%	Elite certificate
5	NPTEL – Experimental Physics II	Jan -April 2018 8 Week course	64%	Elite certificate