

Faculty profile:



Name : Dr S.Mahalakshmi

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

Designation : Assistant Professor

Years of Experience: UG: 6Yrs PG:

Previous Experience: UG:16Yrs PG: 10Yrs

Area of Specilization: Magnetic Materials, Density Functional theory

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**MEMBERSHIP**

S.No.	Details	State/National/International
1	Indian Science Congress	National
2	Indian Society for Technical Education	National

**RESEARCH GUIDANCE**

Ph.D Guiding	Three (03)
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**WORKSHOPS**

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Department of Physics, SRM Institute of Science and Technology, KattankulathurCampus, Chennai	National	Recent Advances in Material Science and TEchnology	8-12 jun 2020

2	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai	International	International webinar on “Nonlinear Waves in Physics: From Solitary Waves and Solitons to Rogue Waves”	13 May 2020.
3	IQAC, Ethiraj College For Women	National	Learning Management System and Open Educational Resources: A Student Centeric Approach	25 Jan 2020

#### CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
1	Department of Physics and Nanotechnology	International	Presented	Cobalt ferrite barium titanatemuftiferroic composite role of ferrite and ferroelectric phases on the structural and magnetodielectric properties	28-30 Jan 2019
2	Department of Tamil, Economics, Chemistry, Physics, PBPB	International	Participated		17-28 Feb 2020
3	Department of Physics and Nanotechnology	International	Presented	Magnetic and dielectric study of ceramic nanocomposite nickel Ferrite and barium titanate compounds	February 1-3, 2021
4	Department of Physics and Nanotechnology	International	Participated		5-6 2022

## SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Department of Physics, Ethiraj College For Women	National	“Low Temperature Physics”	5 <sup>th</sup> February 2018

## JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1	Chemistry Africa	WOS	ISSN 2522 - 5766	Volume no:5, Chemistry Africa	27 May2022
2	ECS Journal of Solid State Science and Technology	WOS	ISSN: 21628777, 21628769	<a href="#">Volume 10, Number 11</a> , <i>ECS J. Solid State Sci. Technol.</i> 10 111003	8/11/2021
3	Advanced Science, Engineering and Medicine	UGC	ISSN <a href="#">2164-6627</a> (Print); ISSN <a href="#">2164-6635</a> (Online)	Advanced Science, Engineering and Medicine 12 (4), 524-529	<a href="https://doi.org/10.1166/asem.2020.2554">https://doi.org/10.1166/asem.2020.2554</a>
4	Applied Surface Science	SCOPUS	ISSN: 0169-4332	Applied surface Science 494(2019) 51-56	<a href="https://doi.org/10.1016/j.apsusc.2019.07.096">https://doi.org/10.1016/j.apsusc.2019.07.096</a>
5	Journal of Materials and Applications	SCOPUS	ISSN (Online): 2051-7750	Journal of Materials and Applications 8 (1), 8-12	<a href="https://doi.org/10.32732/jma.2019.8.1.8">https://doi.org/10.32732/jma.2019.8.1.8</a>
6	Journal of Materials Science: Materials in Electronics	SCOPUS	Electronic ISSN: 1573-482X. Print ISSN: 0957-4522.	<a href="#">Journal of Materials Science: Materials in Electronics</a> volume 28, pages 5504–5511 (2017)	<a href="https://doi.org/10.1007/s10854-016-6212-8">https://doi.org/10.1007/s10854-016-6212-8</a>
7	Journal of Materials Science: Materials in Electronics	SCOPUS	Electronic ISSN: 1573-482X. Print ISSN: 0957-4522.	<a href="#">Journal of Materials Science: Materials in Electronics</a> volume 28, pages 3060–3066 (2017)	DOI 10.1007/s10854-016-5893-3

## FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
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1	UGC –HRDC, University of Madras	National	Refresher Course in Physics	9 <sup>th</sup> – 22 <sup>nd</sup> Sept 2022
2	Satyabama Institute of Science and Technology in association with IIITDM	National	Online Faculty Development Program on Nano Science and Technology	29 Jun to 7 Jul 2020
3	Teaching and Learning Centre, Ramanujan College, University of Delhi, from	National	“Managing Online and Co - Creating MOOCS: 2.0”	Apr 20 <sup>th</sup> to May 6 <sup>th</sup> 2020.
4	UGC –HRDC Kannur University, Kerala from the	National	Online Refresher Course in Physical Sciences and Nano Sciences,	09 <sup>th</sup> to 22 <sup>th</sup> October 2020.
5	Department of Science and Humanities – Physics C Abdul Hakeem College of Engineering and technology	National	Physics Trends in Technology and Research	26 – 28 <sup>th</sup> June 2020.

#### WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Department of Physics, Aditanar College for Arts and Science	International	International Webinar on Recent advances in Material Science and Technology	26 Jun 2020.
2	Department of Physics And Nanotechnology, Nanotechnology Research Centre (NRC), SRM Institute of Science and Technology, Kattankulathur, Chennai, India - 603203.	International	Workshop on “Recent Advances In Materials Science And Technology”	08 June - 12 June 2020

3	Department of Physics, Ethiraj College For Women	National	“Tools and Techniques of Nanotechnology: An Integral Approach”	22 <sup>nd</sup> and 23 <sup>rd</sup> July 2020
4	Department of Physics, Ethiraj College For Women	National	“The Nanophysics Age: Current Trends and Future Prospects”	1 <sup>st</sup> March 2021
5	Department of Physics, St Joseph’s College	National	Materials for Energy and Environment – Recent trends in Advanced Polymer Materials	19 Dec 2022