

Name : Dr. S. Abhirami



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

Designation : Assistant Professor

Years of Experience: 17

Previous Experience: 03

Area of Specialization: Materials Science

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MEMBERSHIP

.No.	Details	State/National/International
1	Dr. S. Abhirami - Life member - Indian Association of Physics Teachers	National

CONFERENCES AND WORKSHOPS ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
Dr.S. Abhirami					
1	Department of Physics, B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai	National	Participated	Recent Trends In Functional Materials	November 15-16, 2017
	Department of Advanced Zoology & Biotechnology, Chemistry, Physics and PG & Research Department of Plant Biology and Plant Biotechnology, Quaid-e-millath Government College for women, Chennai – 02.	International	Participated	Impact of Nanotechnology On Health and Environment	26 th & 27 th February 2018
2	Department of Physics, B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai	National	Participated	New-Generation Materials for Energy Applications	21 st & 22 nd October 2019
3	National Centre for Nanoscience and Nanotechnology, University	International	Presented	Advanced Nanomaterials – ISAN	27 th & 28 th February

	of Madras, Guindy Campus, Chennai			18 Synthesis and Characterization of Zn Doped SnO ₂ Thin Films	y 2018
4	SRM Institute of Science and Technology	National	Presented	Effect of Strontium on Morphological, Structural and Optical Properties of SnO ₂ nanoparticles for Energy and Electronic Applications	2019
5	Saveetha School of Engineering	National	Presented	Synthesis of Dy ₂ TiFeO ₆ double perovskite compound and its properties	2020
6	Alpha arts and science College	International	Presented	Effect of trivalent lanthanide substitution on Nd ₂ FeMnO ₆ double perovskite compounds.	2020
7	KSR Institute of Engineering and technology	International	Presented	Synthesis and Characterization of La ³⁺ substituted Yb ₂ FeMnO ₆ compounds.	2021
8	PPG college of Arts and Science	International	Presented	Synthesis and Characterization of La ³⁺ ion-substituted Ho ₂ FeMnO ₆ double perovskite compounds.	2021
9	SSN Institutions	International	Presented	Phase stabilization and effect of trivalent lanthanide substitution on NdFeMnO ₆ double perovskite compounds.	2021
10.	Crystal Growth Centre, Anna University in association with Centre for International Affairs, Anna University, Chennai – 25.	International	Advanced Materials and Device Technology	November 22 - 24, 2017	
11.	Interdisciplinary Centre For Nanotechnology Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur.	National	Semiconductor Nano Devices – Modeling and Fabrication	February 16 - 18 , 2018	

12.	The Internal Quality Assurance Cell, Ethiraj College for Women, Chennai	State	NAAC Regulations: A Holistic Approach	12 th October 2019	
13.	Department of Chemistry, Ethiraj College for Women(Autonomous), Chennai – 08.	State	Organic Synthesis	27 th January 2020	
14.	School Of Physics, Dr. Vishwanath Karad MIT World Peace University, Pune, India.	National	Development of Nuclear Batteries using Radioactive source	22nd June 2021	
15.	Dept. of Physics & Chemistry under IQAC, SVCR Govt. Degree College, Palamaner, A.P, India.	National	Recent Advances in Materials Science Technology	12th July 2021	

JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/D OI
Dr.S. Abhirami					
1	Vacuum	SCI	ISSN 0042-207X		2020
2	J Mater Sci: Mater Electronics	SCI	ISSN 0957-4522		2021
3	Solid State Technology	SCI	ISSN 0038111X		2021
4	International Journal of Science Technology and Management	UGC	ISSN 2394-1537		2021

FDP/STTP ATTENDED

S.no.	Organized by	State/National/International	Topic	Date(s)
Dr.S. Abhirami				
1	Department of Physics, Dwaraka Doss Goverdhan Doss Vaishnav College(Autonomous), Chennai, in association with Indian Association of Physics Teachers.	National	Computer Simulations to Enhance Physics Learning	30 th November 2018
2	Ethiraj Centre for Research, Innovation and Creativity(ECRIC), Ethiraj College for Women, Chennai .	National	Research Innovation and Creativity	14 th September 2019
3	Internal Quality Assurance Cell, Ethiraj College for Women, Chennai - 08.	National	Recasting from Onsite to Online Pedagogy	20-24 July 2020
4	PPG College of Arts & Science	National	Recent Trends in Solar Cells	13th - 20th July 2021

WEBINARS [National/International attended]

S.no.	Organized by	State/National/International	Topic	Date(s)
Dr.S. Abhirami				
1	Department of Bank Management, Ethiraj College for Women, Chennai – 08.	International	Leveraging Technology to Make Data Driven Decisions	1 st July 2020
2	Department of Physics, B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai – 48	National	Sensor materials and Applications	26 th July 2020
3	Department of Physics, B. S.	National	The Potential in	27 th July 2020

	Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai – 48.		Thermoelectric Technology: Electrical Power Generation from Waste Heat	
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