

Faculty Profile (Format)



Name : Dr. R.Sivakami
Designation. : Assistant Professor
Contact. No & Email : 9344021838 & sivatvc790@gmail.com
Date of Birth. : 03.05.1986
Date of Joining... : 01.10.2018
Date of Retirement : 31.05.2046
Google Scholar ID : Q80zzJUAAAAJ
Orchid ID : NIL
MHRD Vidwan ID : 476473
If any other academic ID : NIL

1. Educational Qualification (Descending order)

Degree	Mode of Study	Subject(s)	Month & Year of Passing	Institution/ University
PDF	Full-time	Physics	August 2018	National Institute of Technology, Tiruchirappalli
Ph.D.	Full-time	Physics	Sep 2016	Bharathidasan University, Tiruchirappalli
M.Phil.	Full-time	Physics	Sep 2009	Bharathidasan University Tiruchirappalli
M.Sc	Full-time	Physics	April 2008	Bharathidasan University Tiruchirappalli
B.Sc	Full-time	Physics	April 2006	Madurai Kamaraj University, Madurai

2. Teaching Eligibility Test (UGC/CSIR-NET/SET/GATE/others):

SI. No	Name of the TEST	Roll. No	Month & Year of Passing	Testing Agency
1	Nil	Nil	Nil	Nil

3. Specialization:

Teaching : Physics

Research : Nanophotonics, Nano catalysis

4. Professional Experience:

Designation	Name of the College/University	Duration(s)	Total Exp Year & Month
Assistant Professor	Thiruvalluvar college/MSU	2018 to Till date	5 Years&7 months

5. Recent Publications (Maximum five): Best cited

SL.No.	Details of Article	UGC-CARE listed	Peer-reviewed Or Double Blinded	Impact factor & H-Index
1	R. Sivakami,a S. Ganesh Babu,c S. Dhanuskodi and R. Karvembu. Magnetically retrievable lepidocrocite supported copper oxide nanocatalyst (Fe–CuO) for N-arylation of imidazole (2015) 5, 8571-8578	RSC Advance	Peer-reviewed	3.9 & 3
2.	R. Sivakami, S. Dhanuskodi Microstructural and Z-scan measurement of silver nanoparticles,	Applied Surface Science	Peer-reviewed	6.7 & 3
3.	R. Sivakami, S. Dhanuskodi , R. Karvembu Estimation of lattice strain in nanocrystalline RuO ₂ by Williamson–Hall and size–strain plot methods	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	Peer-reviewed	4.4 & 3

6. Books/Chapter(s)/Edited Published (*mention only pertinent to the area of specialization*)

SI. No	Details of Books/ Chapter(s)	ISBN	Name of the Publication and Address
Nil	Name of the author, (year). Title of the Book.	Nil	Nil
	Nil		

7. Paper presented/attended Conferences /Seminars/Workshops/ FDP

SI. No	Details of the Conferences /seminars/workshops	Presented/ Attended (Mention title of the paper; if presented)
	Title of the Event (year), Organizer/ Sponsored Name and address.	
1.	R. Sivakami and S. Dhanuskodi Second national conference on multifunctional Nanomaterials and Nanocomposites, Department of Nanoscience and Technology, Bharathiyar University, Coimbatore, during 24-25 March , 2011	Presented a paper as oral entitled “ Optical and Electrical Properties of Tin Oxide Nanoparticles Prepared by Sol-Gel Method
2.	Participated in the workshop on Electron Microscopy organized by National Institute of Technology, Tiruchirappalli during 4-5 November, 2011.	Participated
3.	R. Sivakami and S. Dhanuskodi Fourth International Seminar on Advances in Materials Science organized by Manonmaniam Sundaranar University, Tirunelveli, during 23- 24 January, 2012	Presented a paper as oral “ Structural and Dielectric Properties of Pure and PVP capped ZnO nanoparticles”
4.	R. Sivakami and S. Dhanuskodi Fourth International Conference on Advanced Nano Materials (ANM - 2012) organized by Indian Institute of Technology(IIT), Madras, Chennai, India, during 17- 19 October, 2012	Presented a paper as poster entitled “ Dielectrics and Impedance Analyses of SnO ₂ Nanoparticles Prepared By Chemical Method”

5.	R.Sivakami, S.Dhanuskodi, J.Philip Second International Conference on Optoelectronic Materials and Thin Films for Advanced Technology(OMTAT-2013)organized by Cochin University of Science and Technology (CUSAT), Kochi, Kerala, India during 3- 5 January 2013.	Presented a paper as poster entitled “ Williamson-Hall and Size Strain Analysis in Nanometer-Sized ZnO Particle”
6.	R.Sivakami, S.Dhanuskodi Twenty First DAE-BRNS National Laser Symposium (NLS-21) organized by Bhabha Atomic Research Centre, Mumbai 400 085, India, during February 6-9, 2013	Presented a paper as poster entitled “ Third order Optical Nonlinearities of Plate like SnO ₂ Nanoparticles Studied By Z-Scan Technique”
7.	R.Sivakami, S.Dhanuskodi Annual Photonics Workshop 2013 (APW 2013) , International School of Photonics (ISP) organized by Cochin University of Science and Technology, Cochin during 27-28 February 2013	Presented a paper as oral entitled “ Linear and Nonlinear Optical Properties of Polyvinyl pyrrolidone Capped Silver Nanoparticles Prepared by Precipitation Method”
8.	R.Sivakami, S.Dhanuskodi, D.Sastikumar National Conference on Advanced Materials and its Applications 2013(NCAMA-2013) organized by National Institute of Technology, Tiruchirappalli – 620 015 during 4-5 April 2013	Presented a paper as poster entitled “ Nonlinear Absorption and Refractive Index Measurements of SnO ₂ Nanoparticles Studied by Z-Scan Technique”
9.	R.Sivakami, S.Dhanuskodi International Conference on Materials for Advanced Technologies (ICMAT - 2013) Suntec, Singapore, during 30th June to 5th July 2013.	Presented a paper as poster entitled “ Investigation on Mild Condition Preparation and Quantum Confinement Effect of SnO ₂ Nanoparticles”

10.	R. Sivakami and R. Karvembu Conference on Advances in Catalysis for Energy and Environment (CACEE-2018)” Tata Institute of Fundamental Research (TIFR), Mumbai during 10 th - 12 th January, 2018	Presented a paper as poster entitled “Excellent Catalytic Activity of Magnetically Recoverable Fe-Pt-MWCNT Nanocomposite Towards Asymmetric Transfer Hydrogenation of Aromatic Ketones”
11.	R. Sivakami and R. Karvembu International conference on Advanced Nanomaterials (ICAN – 2018)” organized by Alagappa University, Karaikudi during 26 th - 27 th February, 2018. (Best Oral)	Presented a paper as oral entitled “Magnetically Retrievable Silica-Immobilized Ru-TsDPEN Catalysts for Asymmetric Transfer Hydrogenation of Ketones”
12.	R. Sivakami, V. Pravitha, R. Karvembu, S. Jone Kirubavathy Third International conference on Nanomaterials: Synthesis, Characterization and Applications (ICN – 2018) organized by Mahatma Gandhi University, Kottayam, Kerala during 11 th -13 th May, 2018.	Presented a paper as poster entitled “Micro-structural analysis of Lepidocrocite and silica coated Lepidocrocite nanoparticles Using Williamson-Hall method”
13.	R. Sivakami and R. Karvembu International Conference On Sustainable Chemistry For Health, Environment and Materials (Su-Chem- 2018) 5th - 8th August, 2018. organized by CSIR-Indian Institute of Chemical Technology, Hyderabad (Ts) India-500007	Presented a paper as poster 1 entitled “Magnetic Silica Supported Chiral Rhodium Nanoparticles: An Efficient Catalyst For Asymmetric Transfer Hydrogenation of Aromatic Ketones”

14.	R. Sivakami and R. Karvembu National conference on Novel materials synthesis and characterization techniques for Future world - 2019 organized by Sri paramakalyani college, Alwarkuruchi during 16-17 August 2019 and got second prize in oral.	Presented a paper as oral entitled “Magnetically Retrievable Metal Oxide Nano Particles Decorated MWCNT for <i>N</i> -arylation of imidazole”
15.	R. Sivakami International conference on Advanced materials for sustainable energy and Sensors (INCAMSES–2019) organized by Alacappa university, karaikudi during 16-17, September, 2019.	Presented a paper as oral entitled “Magnetically Retrievable Metal Oxide Nano Particles Decorated MWCNT for <i>N</i> -arylation of imidazole”
16.	International Online Conference on Nano Materials (ICN 2022) 12-14 August 2022 organized by Mahatma Gandhi University, Kottayam, Kerala, India	Give a invited talk to entitled “Magnetic Silica-Supported Ruthenium Nanoparticles: an Efficient Catalyst for Transfer Hydrogenation Reaction”
17.	International conference on Smart Materials and biomolecules (ICSMB’23) January 09 & 10, 2023 at The American College, Madurai	Presented a paper as oral entitled “Size–Strain Distribution Analysis of SnO ₂ Nanoparticles and Their Dielectric and Nonlinear Optical Studies”
18.	International conference on Energy conversion and storage (IECS -2023) at IIT Madras during 18 – 20 th January 2023.	Presented a paper as poster entitled “Fe–Pt Nanoparticles Decorated Multiwalled Carbon Nanotubes (Fe –Pt@ MWCNTs) and Their CatalyticActivity towards N-Arylation Reaction”

19.	International workshop/Summer school & course preparation on “Solar Water Splitting And Artificial Photo synthesis” (SWAP – 2023), Madurai kamaraj University, Madurai, during 05 – 07 th June 2023.	Presented a paper as poster entitled “ Nanostructured Fe and Pt on MWCNT : Efficient Catalyst For Transfer Hydrogenation of Carbonyl Compounds and Aerial Oxidation of Alcohols”
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Academic Responsibilities/Professional Membership:

UMIS (Nodal officer)

9. Academic Awards/ Honours: Nil

10. Research Projects

SI. No	Details of the Project(s) Minor/ Major	Funding Agency	Amount
1.	Nil	Nil	Nil

11. Details of Ph.D. guideship :

12. Residential Address with Mobile. No: Big street, Ambalavanapuram,
Ambasamudram (Tk),
Tirunelveli (Dt) – 627 425

13. Reference: