

FACULTY PROFILE

Name of the Staff : Dr.P.GOMATHY
Official Address with E-mail Id : Assistant Professor
 Department of Physics,
 Sri Sarada College for women,
 Tirunelveli.
 pgomathy2019@gmail.com



Mobile Number : 9384117748
Personal Details:
Age : 47 years
Date of Birth : 22.07.1975
Sex & Marital Status : Female & Married
Citizenship : Indian
Qualification

Degree	Programme and Specialization	Class/ CGPA	Month and Year of passing	Institute/ University
B.Sc.	Physics	First	May 1996	Sri Sarada College For Women Tirunelveli
M.Sc.	Physics	First	May 1998	M.D.T.Hindu College Tirunelveli
M.Phil	Physics	First	Nov 2003	Manonmaniam Sundaranar University, Tirunelveli
Ph.D	Nanomaterials		December 2019	Manonmaniam Sundaranar University, Tirunelveli

Area of Research: Nano materials & Materials Science

Professional Experience:

Designation	Institution/Organization	Period	Experience
Asst.Prof	Sri Sarada College for Women	Working	
Asst.Prof(SG)	National Engineering College	01.09.2017 to 31.07.2022	4 years 11 months
Asst.Prof	National Engineering College	29.10.2007 to 31.08.2017	9 years 10 months
Lecturer	S.S.Duraisamy Nadar Mariammal College of Arts and Science	20.12.2001 to 24.10.2007	5 years 11 months
Lecturer	Sri Sarada College for Women	16.08.1999 to 17.01.2001	1 year 5 months

Academic Achievements

Workshops organized:

S.No	Title	Period	Venue
1.	DRDO sponsored National level workshop on “Recent Trends in Inorganic Materials (RTIM12)”	9, 10 th March 2012	National Engineering College

Short term Courses / Seminars / Conference/ Workshops Attended:

S.No	Title	Period	Venue
1	Micro Teaching	18.07.2008-19.07.2008	National Engineering College, Kovilpatti
2	Micro Controller and Embedded Systems	03.07.2009-04.07.2009	V.H.N.Senthilkumara Nadar College, Virudhunagar
3	Materials Science for Energy Storage	18.01.2010-22.01.2010	Anna University Chennai
4	Theory and Practice of Advanced Techniques for the characterization of Nanomaterials	20.01.2011-21.01.2011	PSG College of Technology, Coimbatore
5	SMART Ph.D Planning	11.08.2012	IE Staff Chapter National Engineering College, Kovilpatti
6	Research methods for Academicians, Research scholars & Practitioners	17.11.2012	National Engineering College, Kovilpatti
7	Nanomaterials for Frontier Applications and Advanced materials for Solar Cell Applications	10.07.2013-12.07.2013	Coimbatore Institute Of Technology
8	Elemental, Compound and Phase analysis by powder X- ray diffraction	19.09.2014-20.09.2014	National Institute of Technology, Trichy
9	Empowering Indian Engineering Education for Global Expectations	07.11.2014-08.11.2014	National Engineering College, Kovilpatti
10	Nanomaterials and Molecular Research	09.12.2016-10-12.2016	St.Joseph College of Arts and Science, Cuddalore
11	Advanced Materials: Processing and Characterization	27.02.2017-28.02.2017	National Institute of Technology, Trichy
12	Annual Nodal Centre Conference Value Virtuals Labs	12.05.2017	Amrita University Kollam, Kerala

13	Training program on 'Technology Enabled Learning' conducted by NITTTRC, Taramani	27.05.2017 - 29.05.2017	National Engineering College, Kovilpatti
14	Short term course on "Recent Advances in Materials Science-RAMS2017"	14.12.2017- 20.12.2017	Thiagarajar College of Engineering, Madurai
15	State Level Conference on 'Society Based Research Work in Nanotechnology'	23.02. 2018	Sri Paramakalyani College, Alwarkurichi, Tirunelveli
16	International Workshop on "Crystalline Materials and Applications (IWCMA-2019)"	03.01.2019-05.01.2019	Crystal Growth Centre, Anna University Chennai
17	Scilab Workshop organized by ICT at IIT Bombay	04.05.2019	National Engineering College, Kovilpatti
18	AICTE Sponsored FDP for Student Induction Programme	09.05.2019 - 11.05.2019	National Engineering College, Kovilpatti
19	International Conference on "Applications of Smart Materials"	05.02.2020 - 07.02.2020	Annamalai University, Chidambaram, Tamilnadu
20	Online - Basic Author Workshop Research Article Writing & Reference Management Using Mendeley	22.06.2020	Annamalai University, Chidambaram, Tamilnadu collaboration with Elsevier
21	ATAL Online FDP on "Photonics	28.09.2020 – 02.10.2020	C.V. Raman Global University, Bhubaneswar, Odisha
22	ATAL Online FDP on "Nanoscience for Nano materials"	20.09.2021 – 24.09.2021	Manakula Vinayagar Institute of Technology, Pondicherry

International Journal Publication :

Gomathy, P & Meenakshi Sundar, S 2017, 'Influence of dopant concentration on the structural, optical and magnetic properties of nickel doped SnO₂ nanoparticles', Journal of Material Science: Materials in Electronics, vol. 28, no.20, pp. 15319–15326, ISSN: 0957-4522, IF:2.478.

UGC Listed Journals :

Gomathy, P & Meenakshi Sundar, S 2018, 'Synthesis and Investigation on structural and optical properties of SnO₂ nanocrystals', International Journal of Research in Advent Technology, vol.6, no.6, pp. 1258-1265, ISSN: 2321-9637.

Paper Presented in International/National Conference

- Presented the paper entitled “Enhancement of magnetic properties in cobalt doped tin oxide nanoparticles prepared by microwave assisted technique” in International Conference on “Applications of Smart Materials” conducted by Annamalai University, Chidambaram on 06th February 2020.
- Presented the paper entitled “Interpretation on structural and optical properties of tin oxide nanocrystals doped with nickel” in National Conference on “Novel Materials Synthesis and Characterization Techniques for Future World” organized by Sri Paramakalyani College, Alwarkurichi, Tirunelveli on 17th August, 2019
- Presented the paper entitled “Synthesis and investigation on structural and optical properties of cobalt doped tin oxide nanocrystals using microwave assisted solvothermal process” in International Workshop on “Crystalline Materials and Applications (IWCMA-2019)” conducted by Crystal Growth Centre, Anna University, Chennai on 04th January 2019.
- Presented the paper entitled ‘Effect of heat treatment on phase transformation of nanocrystalline tin oxide prepared by microwave assisted method’ in State Level Conference on “Society Based Research Work in Nanotechnology”, organized by Sri Paramakalyani College, Alwarkurichi, Tirunelveli on 23rd February 2018.
- Presented the paper entitled “Influence of Mn doping on the structural and magnetic properties of SnO₂ nanoparticles” in AICTE-QIP sponsored one week short term course on “Recent Advances in Materials Science-RAMS2017” conducted by Thiagarajar College of Engineering, Madurai on 18th December 2017.
- Presented the paper entitled “Room Temperature Ferromagnetism in manganese doped tin oxide nanoparticles” in National Conference on ‘Advanced Materials: Processing and Characterization’ organized by National Institute of Technology, Trichy on 27th February 2017.
- Oral presentation entitled “Influence of Dopant Concentration on the properties of nickel doped tin oxide nanoparticles” in International Conference on ‘Nanomaterials and Molecular Research’ conducted by St. Joseph College, Cuddalore on 9th December 2016.
- Co author in the paper entitled “Synthesis, Structural and Optical Properties of microwave assisted synthesized SnO₂ nanoparticles” in UGC sponsored National Conference on ‘Recent Trends and Advances in Physics’ conducted by M.D.T.College, Tirunelveli on 19th February 2015.

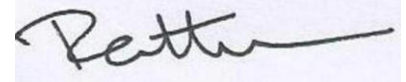
Online Certification Course:

NPTEL course on “Solid State Physics” – secured Elite

NPTEL course on “Structural Analysis of Nano materials” – secured Elite

NPTEL course on “Nanotechnology, Science and Applications” – secured Elite

NPTEL course on “Nano materials and their Properties” – secured Elite

A handwritten signature in black ink on a light blue background. The signature is cursive and appears to read 'P. Gomathy'.

Dr.P.Gomathy