



Lekshmipuram College of Arts & Science

Neyyoor- 629802

TEACHER PROFILE Department: PHYSICS



1	Name	:	S. GOMA		
2	Date of Birth	:	05/05/1969		
3	Educational Qualification	:	M.Sc., M.Phil, B.Ed., P.G.D.I.T., Ph.D		
4	Date of Appointment	:	21/03/2007		
5	Designation	:	Asst.Professor		
6	Experience (01-06-2015)	:	UG	8	PG
7	Communication Address with e-mail ID and contact number	:	53L, Kamaraj Nager, Kattaiyan Vilai Vettoornimadam, Nagercoil -629003 Email: gomaveera@yahoo.com Mobile: 91-9496757504		
8	Permanent Address	:	-do-		
9	Area of specialization (Research)	:	Material Science		
10	Participation in Academic Bodies	:			
11	Number/List of Conferences/seminar/workshop attended	:	Number : 11 List in Annexure -1		
12	Number/List of paper published in proceedings	:	Number : 5 List in Annexure - 1		
13	Number /List of paper published in Journals (National/International)	:	Number : 1 List in Annexure - 1		
14	Number /List of Books Published	:	Nil		
15	Number/ List of chapters in Books	:	Nil		
16	List of invited Talks	:	Nil		
17	Contributions as Resource Person	:	Nil		
18	List of M.Phil guided/awarded	:	Nil		
19	List of Ph.D guided /awarded	:	Nil		
20	UGC -Minor/Major, CICT, other Funding Agencies project completed /ongoing	:	Completed: 1 Details in annexure -2		
21	Participation in Refresher/Orientation course	:	Number : 2 Number : 1 Details in annexure -3		
22	Any other relevant information (Co-curricular Activities)	:			
23	Membership in professional bodies	:	Indian Science Congress, KAAS, MUTA		
24	Editorial positions	:			
25	Any other	:			

Annexure - 1

I Publication in International Journal

1. Dielectric parameters of KDP single crystal doped with urea

S. Goma, C.M. Padma and C.K. Mahadevan

Material Letters 60 (2006) 3701-3705.

II Publication in International Proceedings

1. Optical and magnetic studies on Co_3O_4 nanoparticles synthesized through microwave assisted solvothermal method.

S. Goma and C.K. Mahadevan

Proceedings of the International Conference on Advanced Materials (2012) [Loyala College, Chennai], P. 45-50

III Publications in National Proceedings

1. Effect of annealing temperature on Co_3O_4 nanoparticles and their structural characterization.

S. Goma and C.K. Mahadevan

Proceedings of the National Seminar on Recent Advancement in Materials Research (2011) [Scott Christian College , Nagercoil], P. 74-76.

- 2 FT-IR and optical Studies on Co_3O_4 nanoparticles synthesized through microwave assisted solvothermal method.

S .Goma and C.K. Mahadevan

Proceedings of the VIII All India Conference of Scott Research Forum (2011) (Vol. II)[Scott Christian College , Nagercoil], P. 85-89.

3. Influence on Cd^{2+} and Zn^{2+} cations on structural parameters of Co_3O_4 nanoparticles

S. Goma and C.K. Mahadevan

Proceedings of the National Seminar on Advances in Materials Science (2012) [Manonmaniam Sundaranar University, Tirunelveli], P. 116-118.

4. Structural and vibrational spectral studies on Co_3O_4 nanoparticles.

S. Goma, C.K. SMahadevan and A. Moses Ezhil Raj

Proceedings of the National Seminar on Advanced Method of Preparation and Characterization of Newer materials (2012) [Holy Cross College, Nagercoil],
P. 43- 48.

IV Papers Presented and Participation in National and International Conferences

1. State Level Seminar on Nanostructured Materials sponsored by the Tamilnadu State Council for Higher Education, (TANCHE) held during Feb 2011 at S.T.Hindu College, Nagercoil.
2. Effect of annealing temperature on Co_3O_4 nanoparticles and their structural characterization.
S. Goma and C.K. Mahadevan
National Seminar on Recent Advancement in Materials Research (RAMR-Mar 2011) held at Scott Christian College , Nagercoil.
3. FT-IR and optical Studies on Co_3O_4 nanoparticles synthesized through microwave assisted solvothermal method.
S. Goma and C.K. Mahadevan
Proceedings of the VIII All India Conference of Scott Research Forum (SRF-Apr 2011) held at Scott Christian College , Nagercoil.
4. Microwave assisted solvothermal synthesis and magnetic studies on Co_3O_4 nanoparticles
S. Goma and C.K. Mahadevan
National Conference On Emerging Trends in Arts and Science (Oct-2011) held at Nesamony Memorial College, Marthandam.
5. Workshop on Single Crystal X-Ray Diffraction and Structure Analysis Organized by Sophisticated Test and Instrumentation Centre (STIC), Cochin during 17-19 November 2011
6. Optical and magnetic studies on Co_3O_4 nanoparticles
S. Goma and C.K. Mahadevan
International Conference on Advanced Materials (ICAM Jan-2012) held at Loyala College, Chennai.
7. Influence on Cd^{2+} and Zn^{2+} cations on structural parameters Of Co_3O_4 nanoparticles.
S. Goma and C.K. Mahadevan
National Seminar On Advances in Materials Science (Jan- 2012) held at Manonmaniam Sundaranar University, Tirunelveli.

8. Synthesis by a simple solvothermal technique and characterization of Co_3O_4 nanoparticles
S. Goma and C.K. Mahadevan
International Conference on Materials Science and Technology (June-2012) held at St.Thomas College, Pala.
9. Structural and vibrational spectral studies On Co_3O_4 nanoparticles.
S. Goma, C.K. SMahadevan and A.Moses Ezhil Raj.
National Seminar On Advanced Method Of Preparation and Characterization Of Newer materials (NSAM Dec-2012) held at Holy Cross College, Nagercoil.
10. Influence of Mn and Ni on Co_3O_4 nanoparticles synthesised through microwave assisted solvothermal method.
S. Goma, C.K. SMahadevan and A.Moses Ezhil Raj.
National conference On Advanced Materials (NCAM – Feb-2013) held at St. Mary's College, Thoothukudi.
11. Rietveld Analysis on XRD pattern of Cobalt Oxide Nanoparticles Synthesized Through Microwave Assisted Polyol Route
S. Goma, C.K. Mahadevan and A.Moses Ezhil Raj.
National Seminar Nanostructured Materials(NSM 2014), held at NSS Hindu College Changanacherry.

Annexure II

1. Minor Research Project MRP- 4167/12 (MRP/UGC-SERO) entitled **PROPERTY MODIFICATION BY ONCLUSION OF DIVALENT MAGNETIC TRANSITION CATIONS TYPE COBALT OXIDE(Co₃O₄) NANOPOWDERS PROCESSED THROUGH MICROWAVE ASSISTED METHOD.**

Annexure III

1. Orientation Programme in I.T. oriented conducted by the Academic Staff College, University of Kerala sponsored by the UGC from 20-10-09 to 16-11-09.
2. Refresher Course in Women Studies conducted by the Academic Staff College, University of Kerala sponsored by the UGC from 1-11-10 to 22-11-10.
3. Refresher Course in NanoSciences conducted by the Academic Staff College, University of Kerala sponsored by the UGC from 11-11-14 to 01-12-14.