


Sri Sai Ram Engineering College

Department Of Humanities And Sciences

Name : Dr. G. SATHISH KUMAR	
Designation :	PROFESSOR
Qualification :	M.Sc., M.Phil., P.hD
Area of Specialization	MATERIAL SCIENCE
Experience :	Teaching : UG : 25 yrs 9 months PG : yrs
	Industry : Nil yrs
No. of Workshop / Conferences / FDP attended	46
Publication :	Journal National : 1 International : 13

	<p>Conference</p> <p>National :33</p> <p>International : 8</p>
Research Guidance :	Guided:- one PhD and 6 M.Phil Students
General :	<p>Acting as N.S.S Programme officer since 1999. Conducted 20 NSS Camps at various places in kanchepuram district. Helped NSS volunteers to get best NSS Volunteers award from Anna University. For the last three years in the name of “Reaching the UnReached” a Program in Computer training (M.S Paint – Word –Powerpoint and Excel) were taught using LAPTOP for village schools were conducted religiously at every month.</p>
Staff Achievements	<p>The publications are cited various science direct and springer journal according to google scholar citation Total citation as on 2 Feb 2023 is</p> <p>Citations – 402 Nos</p> <p>h-index – 9</p> <p>i-10 index -8</p> <p>https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=gc-n1osAAAAJ&sortby=title</p>

Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.,	Physics	1993	T.B.M.L College	Bharathidasan University	64%	I
PG	M.Sc.,	Physics	1995	T.B.M.L College	Bharathidasan University	68%	I
Ph.D.			2010		Anna University		

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
M.V.J. college of Engineering	Lecturer	3.06.1996	05.03.1998	1	9	3
Sri Sai Ram Engineering College	Lecturer	9.03.1998	31.07.2005	7	4	23
Sri Sai Ram Engineering College	Sr. Lecturer	1.08.2005	31.07.2008	2	11	31
Sri Sai Ram Engineering College	Asst. Prof.	1.08.2008	31.07.2011	2	11	31
Sri Sai Ram Engineering College	Professor	1.08.2011	Till date	11	7	27
Total				26	9	18

PUBLICATIONS

Journals:

1. Magnetic and dielectric properties of cadmium substituted nickel cobalt nanoferrite. **G. Sathish kumar**, C. Venkataraju, R. Murugaraj and K. Sivakumar Journal of Materials Science: Materials in Electronics, 24 (3), 1057-1062 Mar 2013, Volume 22
2. Effect of bismuth on the properties of Mn ferrite nanoparticles prepared by co-precipitation method. C. Venkataraju, **G. Sathish kumar** and K. Sivakumar. Journal of Materials Science: Materials in Electronics, Journal of Materials Science: Materials in

Electronics, June 2012, Volume 22, Online First™, 8 November 2011. DOI: 10.1007/s10854-011-0565-9. Impact Factor 1.5

3. Bismuth effect in the structural, magnetic and dielectric properties of CoZn ferrite. **G. Sathish kumar**, C. Venkataraju, R. Murugaraj and K. Sivakumar Journal of Materials Science: Materials in Electronics, Jan. 2012, Volume 22, Impact Factor 1.5
4. Effect of nickel on the structural and magnetic properties of nano structured CoZnFe₂O₄. **G. Sathish kumar**, C. Venkataraju and K. Sivakumar. Journal of Materials Science: Materials in Electronics, Nov, 2011, Volume 22, Number 11, Pages 1715-1724. Impact Factor 1.5
5. Effect of Cd on the structural, magnetic and electrical properties of nanostructured Mn–Zn ferrite. C. Venkataraju, **G. Sathish kumar**, K. Sivakumar. Journal of Magnetism and Magnetic Materials. Volume 322, Issue 2, July 2011, Pages 230-233. Impact Factor 1.68
6. Effect of nickel on the electrical properties of nanostructured MnZn ferrite. C. Venkataraju, **G. Sathish kumar**, K. Sivakumar Journal of Alloys and Compounds. Volume 498, Issue 2, 28 May 2010, Pages 203-206. Impact Factor 2.5
7. Synthesis, Structural and Dielectric Studies of Nickel Substituted Cobalt-Zinc Ferrite. **G. Sathish kumar**, C. Venkataraju and K. Sivakumar. Materials Sciences and Applications Vol.1 No.1, April 2010.
8. Effect of cation distribution on the structural and magnetic properties of nickel substituted nanosized Mn–Zn ferrites prepared by co-precipitation method C. Venkataraju, **G. Sathish kumar**, K. Sivakumar. Journal of Magnetism and Magnetic Materials. Volume 322, Issue 2, January 2010, Pages 230-233. Impact Factor 1.68
9. Invisible Spacetime Theory- An Approach to Generalize Subluminal and Super Luminal Speeds Parasuraman V., **G. Sathish kumar**., International Journal of Physics 3 (3), (2015) 96-99.
10. Band structure calculation and rietveld refinement of nanoscale GdFeO₃ with affirmation of Jahn Teller's distortion on electric and magnetic properties A. Titus Samuel Sudandararaj, **G. Sathish Kumar**, M Dhivya, RD Eithiraj, IBS Banu Journal of Alloys and Compounds 783, (Apr 2019), 393-398 Impact Factor 4.1
11. Spin reorientation transition in nanoscale multiferroic PrFeO₃ and its band structure calculation A. Titus Samuel Sudandararaj, **G. Sathish Kumar**, M Dhivya, RD Eithiraj, IBS Banu Journal of Alloys and Compounds, 817, (2020). 152747 Impact Factor 4.1

12. Photodegradation studies of pure and cobalt doped zinc oxide nanoparticles Materials Research Innovations vol 27 issue 2 pages 69-74 Taylor & Francis
13. Intriguing metal–semiconductor transport properties on Se-substituted β -Zn₄Sb₃ compounds N KARTHIKEYAN, B KAVIN KUMAR , G SATHISH KUMAR and R AKILAN