

Dr. G. Sathish Kumar



Designation:	Professor			
Qualification:	M.Sc., M.Phil., P.hD			
Area of specialization:	Physics			
Experience:	Industrial Experience		Teaching Experience	
	Nil		28 Yrs 5 Month	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	34		Nil	
Publications:	Conference		Journal	
	National	International	National	International
	16	22	2	14
Books / Book Chapters	2			
Patents:	National		International	
	0		0	
Professional Body Membership	4			
Staff Achievements	Acting as N.S.S Programme officer since 1999. Conducted 26 NSS Camps for 7 days at various villages in kanchepuram district. Helped NSS volunteers to get best NSS Volunteers award from Anna University for the last 15 years. Received NSS Programme officer award from Anna University for two time. Received Highest number blood donors among college from MVBB fr 20 years. Best NSS unit award from Anna university for 4 times			

Educational Qualifications:

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	TBML College	Bharathidasan University	64 First class	Ist Class
PG	M.Sc	Physics	1995	TBML College	Bharathidasan University	68 First Class	Ist Class
	M.Phil	Physics	1998	TBML College	Bharathidasan University	73 Second class	2nd Class
P.hD	P.hD	Physics (Material Science)	2011	TBML College	Anna University	Part Time	

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Professor	1.8.2011 to	Till date	13	4	20
	Asst Professor	1.8.2008 t	31.07.2011	3		
	Senior Lecturer	01.08.2005	31.07.2005	3		
	Lecturer	11.03.1998	31.07.2005	7	4	20
MVJ College of Engineering	Lecturer	01.08.1996	09.03.1998	1	7	8
				28	3	18

Workshops/Seminars attended: 34

FDP/STTP Attended: 23

Symposium Attended: 12

Conference Attended: 28

Completed / Ongoing Projects: Nil

Patent: Nil

Journal Publications:	14
Books / Book Chapters:	02
Awards:	02 College award for blood donation 24
Startup:	Nil
Webinar:	2
Resource Person:	8
Online Courses:	12

PUBLICATIONS

Journals:

- 1) Magnetic and dielectric properties of cadmium substituted nickel cobalt Nano ferrite. **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 $\text{CoZnFe}_2\text{O}_4$. [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. Venkatarajuu, [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), 96-99.\
- 10) Band structure calculation and rietveld refinement of nanoscale GdFeO_3 with affirmation of Jahn Teller's distortion on electric and magnetic properties ATS Sudandararaj, [G. Sathish Kumar](#), M Dhivya, RD Eithiraj, IBS Banu Journal of Alloys and Compounds 783, 393-398 Impact Factor 3.7

11) Invisible Spacetime Theory - An Approach to Generalize Subluminal and Superluminal Speeds Parasuraman V, [G. Sathish Kumar](#)
International Journal of Physics 3 (3), 96-99, 2015

12) Photodegradation studies of pure and cobalt doped zinc oxide nanoparticles
K Natarajan, [G. Sathish Kumar](#), Marx Nirmal R, Akilan R Materials Research
Innovations 27 (2), 69-74, 2023

13) Intriguing metal–semiconductor transport properties on Se-substituted β -
 Zn_4Sb_3 compounds [G. Sathish Kumar](#), N KARTHIKEYAN, B KAVIN
KUMAR, R AKILAN Bulletin of Materials Science 46 (1), 37, 2023

14) Multifunctional Properties of Biphasic $DyFeO_3$ Perovskite/ $Dy_3Fe_5O_{12}$
Garnet Rare Earth Orthoferrite T Punitha, P Balamurugan, [G. Sathish Kumar](#)
asian journal of chemistry 36 (1), 18, 2024