

Profile of the Teacher



1. Personal Details

Name in Full	: Dr. Ghodake Jeevan Shivaji
Designation	: Associate Professor Head Department of Physics, Padmabhushian Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon, BOS Member in Physics, Shivaji University, Kolhapur
Date of appointment	:03 Sept 1992
College/Employees Address	:Padmabhushian Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon, Dist : Sangli. 416312.
E-Mail	: jeevan.ghodake@rediffmail.com
Name of Organization	: Shri Swami Vivekanand Shikshan Sanstha, Kolhapur
Nationality	: Indian
Research Area	: Material Science, Ferrite, Thin film
Research Paper Published	:24
Research Papers Presented in Conferences	:26
Seminars/Workshop Attended	:90
Citations	:253
h-index	:06
I10-index	:05
Impact factor range	:0.40 - 6.391

2. Academic Details

Degree	Year	Percentage of Marks	Subject	University
B. Sc.	1990	72	Physics	Shivaji University, Kolhapur
M.Sc.	1992	56	Physics	Shivaji University, Kolhapur
Ph.D.	2008	--	Ferrite	Shivaji University, Kolhapur
MS-CIT	2012	88	--	MKCL

3. Refresher / Orientation course/Short Term Course

Name of course	Venue	Duration
Orientation Course	University of Poona, Pune	16/02/1995 to 15/03/1995
Refresher course	University of Pune, Pune	15/09/2000 to 12/10/2000
	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	04/03/2006 to 25/03/2006
	Department of Physics, Savitribai Phule Pune University, Pune	02/07/2015 to 22/07/2015
Train the Trainer program Infosys Pune	Infosys BPO Ltd, Pune	27/11/2010 to 05/12/2010
Orientation programme for Teacher Placement Officers (TPO'S), Organized by the Career and Counseling Cell and Adult and Continuing Education of Shivaji University Kolhapur	Baha'i Academy, Panchgani	13/02/2012 to 14/02/2012.
One Week STTP	ADCET, Ashta	26/12/2017 to 30/12/2017
Faculty Development Programme	Savitribai Phule Pune University, Pune	17/02/2020 to 26/02/2020
	YC Institute of Science Satara	27/04/2020 to 02/05/2020
	Swami Ramanand Teerth	11/05/2020 to 06/05/2020

	Marathwada University, Nanded.	
	Government First Grade College Hungud	28/05/2020 to 03/06/2020
	TLC Ramanujan College, University of Delhi	25/07/2020 to 10/08/2020
	S. S. College Parbhani	13/07/2020 to 18/07/2020

4. Title of Ph. D. Thesis

“Investigations on Cobalt Substituted Ni-Zn Ferrite”.

5. Research Guide

Recognized Research Guide of Shivaji University, Kolhapur, M.S. India.

6. Research Guide

Name of Student	Degree	Research Title
Shri Kumbhar Rajaram Namdev	Ph. D	Studies on Electric and Magnetic Properties of Samarium and Dysprosium Substituted Magnesium Ferrite.
Shri Patil Prakash Shamrao	Ph. D Co- Guide	Structural, Electrical and Gas Sensing Behavior of Rare Earth Substituted Mg-Cu-Zn Ferrites.

7. Minor research project

Title of Project	Funding Agency	Period	PI / Co- PI	Grant (Rs. Lakh)
Nanocrystalline NiZnCo ferrite Composite for Microwave Absorber Applications	UGC	2013-2015	PI	1,60,000/-
Study of Titanium Substituted Nickel Zinc Ferrite for Microwave Applications	UGC	2013-2015	Co-PI	1,40,000/-

8. Research Publications

Sr. No.	Title	Journal	Page /Volume No.	Year	IF	ISSN/ISBN
1	Complex permeability studies of Ni-Co-Zn ferrites synthesized by an oxalate precursor method	Journal of Smart Materials and Structures IOP SCIENCE	Volume 18, Number 12	December 2009	3.585	0964-1726
2	Electric properties of Co substituted Ni-Zn ferrites	Journal of Alloys & Compounds Elsevier	Vol. 486, Issues 1-2, pp 830-834	November 2009	5.316	0925-8388
3	Magnetic Properties of	Indian Streams	Volume 3,	February	0.2105	2230-7850

	Nanocrystalline NiCoZn Ferrite Synthesized By Citrate-Nitrate Combustion Method	Research Journal	Issue 1, 1-5	2013,		
4	Effect of Mn doping level on magnetic properties of Ni substituted Cobalt ferrite	Golden Research Thought	Volume 2, Issue 9, 1-6.	March 2013,	0.1870	2231-5063
5	Thermal variations of magnetic properties in Nickel substituted Cu-Zn ferrite prepared by Oxalate Precursor route	Golden Research Thought	Volume2, Issue 10, 1-6.	March 2013,	0.1870	2231-5063
6	Temperature and frequency dependent dielectric properties of Ni–Mg–Zn–Co ferrites	Journal of Magnetism and Magnetic Materials Elsevier	350 (2014) 179–182	2014	2.993	0304-8853
7	Magnetic properties of Nanocrystalline Cobalt Substituted Nickel Zinc Ferrite,	Journal of Shivaji University (Science and Technology),	Volume No. 41 (2),	2014-2015.	--	ISSN- Science- 0250-5347
8	Initial Permeability of Zn-Ni-Co ferrite	Journal of Magnetism and Magnetic Materials Elsevier	378 (2015) 436-439	2015	2.993	0304-8853

9	Magnetic and microwave absorbing properties of Co ²⁺ substituted nickel–zinc ferrites with the emphasis on initial permeability studies	Journal of Magnetism and Magnetic Materials Elsevier	401 (2016) 938–942	2016	2.993	0304-8853
10	Real and Complex Permeability of Ni-Zn-Ti Ferrite	International Journal of Materials Science	Vol. 12, No. 1(2017), pp. 153-160	2017	--	0304- 4589
11	Dielectric Behavior of Dysprosium Substituted Magnesium Ferrite	Material Science Research India	Vol.15, No.(1), Pg. 1-7	2018		0973-3469
12	X-ray Diffraction Analysis of Ni-Cu-Zn Nano-ferrite Synthesized by Wet Chemical Route	International Journal of Research and Analytical Reviews	Special issue, 12-15	Jan. 2019	--	2349-5138
13	Permeability and Microwave Absorption Properties of Dysprosium Substituted Magnesium Ferrite	Journal of Emerging Technologies and Innovative Research	Volume 6, Issue 4	April 2019	--	2349-5162
14	Effect of La ³⁺ substitution on structural and magnetic parameters of Ni–Cu–Zn nano-ferrites	Journal of Nanostructure in Chemistry Springer	9, 119-128	May 2019	6.391	2193-8865
15	Thermal and Frequency Variation of Permeability	Macromolecular	387, 1800236	2019	0.85	1022-1360

	for Samarium– Dysprosium–Magnesium Ferrite	Symposia Wiley	(1 of 3)			
16	Ni-Cu-Zn nanoferrite prepared at lower sintering temperature	AIP Conference Proceedings American Institute of Physics	2265, 030081	2020	0.40	0094-243X
17	Studies on Real and Imaginary Part of Permeability for Sm–Dy Substituted Mg Ferrite	Macromolecular Symposia Wiley	392, 1900207 (1 of 4)	2020	0.85	1022-1360
18	Influence of rare earth ions (Sm ³⁺ , Dy ³⁺) substitution on magnetic and microwave performance of magnesium ferrite	Physica B: Physics of Condensed Matter Elsevier	619, 413161	2021	2.436	0921-4526
19	Agro-Waste Generated Pd/CAP-Ash Catalyzed Ligand-Free Approach ..	Catalysis Letters Springer	1-15	2021	3.186	1572-879X
20	Studies on Structural Properties of Ytterbium (Yb ³⁺) Substituted Mg–Cu–Zn Nano-ferrites	Macromolecular Symposia Wiley	400, 2100131 (1 of 3)	2021	0.85	1022-1360

Research Paper Published in Proceedings

1	Magnetic Properties of Cu Substituted Ni-Zn Ferrites	Proceeding of 53 rd DAE Solid State Physics Symposium	Volume No. 53 Pp 1221-1222	December 2008	978-81-8372-044-1
2	Night Lamp From Scrap CFL	Electronics for You	Volume 44, No. 6, Pages 113-114	June 2012	0013-516X
3	Effect of Sintering Temperature on Dielectric properties of NiZnCo ferrite	Proceeding of National conference on Nano materials and Nano Material Based Devices	Pp 31-34	Dec. 2014	978-81-926341-2-8
4	Infrared and Dielectric study of Ti-Ni-Zn Ferrite,	Proceeding of International Conference on Advances in Materials Science,	Vol. I and II, pp 162-165	2016	978-93—5254-490-5

9. Organization/Expert/Chair person

Name of Event	Position	Level	Date
One day Workshop on Revised Syllabus of Physics (B.Sc. III, Sem VI)	Co-ordinator	University	10th August 2012
Poster presentation competition event, 'Mind Spark 2013'	Expert	College	18 th January 2013
One day Workshop on Revised Syllabus of Physics (B.Sc. I)	Co-ordinator	University	12th August 2013
NAAC sponsored State Level Conference on 'The Role of Research, Consultancy and Extension in Higher	Chair person	Conference	29- 30, November 2013

Education'			
Two-day workshop on iSensobotz for National Robotics Championship-2015 (NRC-15) sponsored by IIT, Bombay.	Co-ordinator	College	13th Jan. to 14th Jan. 2015
One day workshop on Next Step Career Guidance Program	Coordinator	College	25 th January 2019
One day workshop on Experimental Skills in Physics	Coordinator	University	31 January 2019
NAAC Expert-Faculty Interaction Programme	Organizing Secretary	College	11 th December 2019
Workshop on Soft Skills Development Under Next Step Career Guidance Program	Coordinator	College	03 February 2020
One Day Workshop on Progress In Indian Space Program	Convenor	University	9 th January 2020
National Webinar on Advanced Materials for Multifunctional Applications	Convenor	National Webinar	September 4, 2020
National Webinar on Career Opportunity After B. Sc. Physics	Convener	National Webinar	9 July 2021