

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years.

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of Journal	Year of publication	ISBN/ISSN number
1	Alteration in Triacylglycerol Ester Hydrolase activity during female adult development in <i>Papilio Demoleus</i> (Linnaeus)	Dr. R. M. Gejage	Zoology	Geobios	2012-13	ISSN-0251-1223
2	Dielectric behavior of Nanocrystalline NiZn ferrites prepared by Oxalate precipitation method	Dr. T. J. Shinde	Physics	Advanced Materials Research		ISSN-1662-8985
3	Microwave synthesis and characterization of nanocrystalline MnZn ferrites	Dr. T. J. Shinde	Physics	Advanced Material Letters		ISSN-0976-396
4	Effect of sintering temperature on structure and electrical switching properties of cadmium ferrites	Dr. T. J. Shinde	Physics	Advanced Material Letters		ISSN-0976-396
5	Role of Sm ³⁺ addition of humidity sensing of nanocrystalline MgCd ferrites	Dr. T. J. Shinde	Physics	Advanced Materials Research		ISSN-1662-8985
6	Liquid petroleum gas sensor based on nanocrystalline Mg _{0.6} Cd _{0.4} Fe ₂ O ₄	Dr. T. J. Shinde	Physics	Advanced Material Letters		ISSN-0976-396
7	Magnetic properties and cation distribution study of nanocrystalline NiZn ferrites	Dr. T. J. Shinde	Physics	J. Magnetism and Maganetic Materials		ISSN-0304-8853
8	Influence of rare earth ion Y ³⁺ on the magnetic and dc electrical properties of high density nanocrystalline Mg–Cd ferrites, pp.-476–481.	Dr. T. J. Shinde	Physics	Materials Research Bulletin 48 (2) Feb.		ISSN: 0025-5408
9	Representation of Native Crime in Alan Paton's 'Cry the Beloved Country.'	Dr. P. V. Ghorpade	English	The Criterion Vol. 3, Issue 4		ISSN - 0971-2321
10	Representation of Cultural Differences in Kiran Desai's 'The Inheritance of Loss'	Dr. P. V. Ghorpade	English	The Criterion Vol. 3, Issue 4	ISSN0976-8165	

1	Cultural hybridity in China Achebe's short story The Sacrificial Egg	Dr. P. V. Ghorpade	English	Literary Endeavour	2013-14	ISSN-0976-299-X
2	Feminine Consciousness in Zakes Mda's 'Ways of Dying'	Dr. P. V. Ghorpade	English	The Criterion Vol. IV, Issue 3 e-journal		ISSN 0976-8165
3	Protest Through Silence in Zakes Mda's Novel 'She Plays with the Darkness'	Dr. P. V. Ghorpade	English	Asian Quarterly Vol. II, Issue 2,		ISSN 2229-581X
4	Political Protest in Alan Paton's 'Ah! But Your Land is Beautiful'	Dr. P. V. Ghorpade	English	The Criterion Vol. IV, Issue V e-journal		ISSN 0976-8165
5	Feminine Sensibility in Zakes Mda's 'The Madonna of Excelsior'	Dr. P. V. Ghorpade	English	Literary Endeavour Vol. IV, No. 3,		ISSN 0976-299X
6	Studies on Larval Gut Lipolytic activity in Helicoverv armigera (Hubner)	Dr. R. M. Gejage	Zoology	Journal of Cell and Tissue Research		ISSN-0973-0028
7	Lipolytic Activity in Larval Heamolymph of Helicoverv armigera (Hubner)	Dr. R. M. Gejage	Zoology	Uttarpradesh Journal of Zoology		ISSN-0236-971X
8	Magnetic properties and cation distribution study of nanocrystalline Ni-Zn ferrites	Dr. T. J. Shinde	Physics	Journal of Magnetism and Magnetic Materials		
9	Microwave synthesis and maracterization of nanocrystalline Mn-Zn ferrite	Dr. T. J. Shinde	Physics	Advanced Materials Letters		
10	Effect of sintering temperature in structural and electrical switching properties of Cadmium ferrite	Dr. T. J. Shinde	Physics	Advanced Materials Letters		ISSN: 0250-4707
11	Room temperature Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ thick film chlorine sensor	Dr. T. J. Shinde	Physics	International Journal of Chem Tech Research		
12	Liquid petrollium gas sensor based on nanocrystallite Mg _{0.6} cd _{0.4} Fe ₂ O ₄	Dr. T. J. Shinde	Physics	Advanced Materials Letters		ISSN: 0925-4005
13	Effect of Sm ³⁺ ion addition on gas sensing properties of Mg _{1-x} Cd _x Fe ₂ O ₄ system.	Dr. T. J. Shinde	Physics	Sensors and Actuators B: Chemical, 178 (1)		
14	Nd ³⁺ substituted nanocrystalline zinc ferrite sensor for ethanol, LPG and chloride	Dr. T. J. Shinde	Physics	Applied Mechanica and Materials		ISSN-1662-7482
15	Structural properties of Cd-Co ferrites	Dr. T. J. Shinde	Physics	Bull of Material Science		ISSN-0250-4707
16	Lipolytic activity in fat body and hemolymph during larval development of Hellcsverpa armigera(Hubner)	Dr. R. M. Gejage	Zoology	Trafactory		ISSN-0975-1165

1	<u>Study of conduction phenomena in indium substituted Mn-Zn nano-ferrites</u> , pp. 179–185	Dr. T. J. Shinde	Physics	Journal of Magnetism and Magnetic Materials, vol. 379	2014-15	ISSN: 0304-8853.
2	Chemical synthesis and magnetic properties of Indium substituted Mn-Zn nano ferrites, pp. 2400108	Dr. T. J. Shinde	Physics	IEEE Transactions on Magnetics, vol. 51 (4)		ISSN 0018-9464
3	Engineering High Permeability: Mn–Zn and Ni–Zn Ferrites, pp. 851–859.	Dr. T. J. Shinde	Physics	Int. J. Appl. Ceramic Technology, 12 (4)		ISSN: 1744-7402
4	Room temperature Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ Thick Film Chlorine Sensor”; pp. 2023-2025.	Dr. T. J. Shinde	Physics	International Journal of ChemTech Research; vol. 6, No. 3,		ISSN : 0974-4290
5	Structural and electrical switching properties of Cr ³⁺ substituted Cd-Co ferrites, pp. 1-2	Dr. T. J. Shinde	Physics	Journal of Shivaji University Science & Technology, vol. 41(2)		ISSN : Science-0250-5347
6	Narrative Strategy in Nadine Gordimer’s ‘The Conservationist’	Dr. P. V. Ghorpade	English	TheCriterionVol 5,Issue 3,		ISSN 0976-8165
7	John Masters’ ‘Bhowani Junction’: A Historical Novel	Dr. P. V. Ghorpade	English	The Literary Endeavour Vol. 5,Issue 4		ISSN 0976-299X

1	Ni–Zn ferrite thick film gas sensors, pp.1-10	Dr. T.J. Shinde	Physics	J Mater Sci: Mater Electron,	2015-16	ISSN: 0957-4522
2	Magnetic and microwave absorbing properties of Co ²⁺ substituted nickel–zinc ferrites with the emphasis on initial permeability studies, 938-942.	Dr. T.J. Shinde	Physics	Journal of Magnetism and Magnetic Materials, 401		ISSN: 0304-8853.
3	Socio-cultural perspectives in John Masters Bhowani Junction	Dr. P. V. Ghorpade	English	The Criterion- An International Journal in English		ISSN-0976-8165
4	Nadine Gordimer-Anti apartheid activist	Dr. P. V. Ghorpade	English	The Criterion-An International Journal in English		ISSN-0976-8165
5	Stream of consciousness technique in Nadine Gordimers – The conservationist	Dr. P. V. Ghorpade	English	The Criterion-An International Journal in English		ISSN-0976-8165
6	Time dependent facile hydrothermal synthesis of TiO ₂ Nanoroads and their photoelectrochemical applications	Dr. R. K, Mane	Chemistry	Nanomedicine and Nano technology		ISSN-2157-7439-7-004

1	Novel synthetic route for the synthesis of ternary Cd(SSe) photoelectrode and their photoelectrochemical application	Dr. R. K. Mane	Chemistry	Journal of Material Science-Materials in Electronics	2016-17	ISSN-0957-4522
2	Effect of Deposition time on Optostructural and photoelectrochemical properties of Cd(SSe) thin film deposited by facile route	Dr. R. K. Mane	Chemistry	International journal of Scientific Research		ISSN-2277-8179
3	Hydrothermal synthesis, optostructural, compositional and electrochemical photovoltaic properties of nanocrystalline TiO ₂ -ZnO composite thin films	Dr. R. K. Mane	Chemistry	International journal of Science and Research		ISSN-2319-7064
4	Race relations in Andre brinks A dry white season	Dr. P. V. Ghorpade	English	The Criterion: An international journal of English		ISSN-0976-8165
5	Use of transtexuality in Nadinegorbiner's the convservationist	Dr. P. V. Ghorpade	English	The Criterion: An international journal of English		ISSN-0976-8165
6	Demonstration of race relation in Zakes Mda's the Madonna of Excelsoir	Dr. P. V. Ghorpade	English	Criterion: An international journal of English		ISSN-0971-8165
7	Feminine Consciousness in Andre Brink's 'An Instant in the Wind'	Dr. P. V. Ghorpade	English	TheCriterion Vol. 8, Issue 1		ISSN 0976-8165
8	Influence of Ni ²⁺ and Sn ⁴⁺ substitution on gas sensing behaviour of zinc ferrite thick films,	Dr. T.J. Shinde	Physics	Journal of Solid State Electrochemistry , Volume 20, Issue 8,		ISSN 1432-8488
9	Influence of Sn ⁴⁺ on Structural and DC Electrical Resistivity of Ni-Zn Ferrite Thick Films,	Dr. T.J. Shinde	Physics	Journal of Electronic Materials, Volume 46, Issue 3, pp 1427-1438		ISSN: 0361-5235
10	Effect of Sm ³⁺ and La ³⁺ addition on Dc electrical resistivity and curie temperature of nanocrystalline Mg-Cd ferrites,	Dr. T.J. Shinde	Physics	International Journal of Engineering Research- Vol.4., Issue.4., pp. 276-279,		ISSN: 2321-7758.
11	Humidity Sensing Characteristics of Cadmium Ferrite,	Dr. T.J. Shinde	Physics	International Journal of Engineering Research, Vol 4, S ₁		ISSN: 2321-7758
12	Nano-crystalline Magnesium Substituted Cadmium Ferrites as X-band Microwave Absorbers	Dr. T.J. Shinde	Physics	<u>Journal of Magnetism and Magnetic Materials Vol. 441, 1, P.475-481</u>		ISSN: 0304-8853
13	Low temperature simple aqueous phase chemical synthesis and characterization of ZnO thin films	Dr. R. K. Mane	Chemistry	Materials Today-Proceedings		ISSN-1369-7021
14	Development of CdZn (SSe) ₂ thin films by using simple aqueous chemical route- Air annealing	Dr. R. K. Mane	Chemistry	Materials Today-Proceedings		ISSN-1369-7021

i) Formula = $\frac{\text{Number of Publications in the UGC notified Journals during the last last five years}}{\text{Total number of teachers}} = \frac{53}{66} = 0.8030$