

Detail List of Publications

Mr. K.R. Sature

Sr. No.	Title of the Research Article	Name of the Journal	ISSN/ ISBN	Impact Factor, if any	No. of Co-Author	Are you Main Author
1	DFT Investigation of Electronic Structure of InGaAs/Ge for Solar Cell Application	Journal of Advances in Applied Sciences and Technology	2393-8188 (print) 2393-8196 (online)	UGC aproved	1	yes
2	Development of computer code for decovolution of thermoluminescence glow curve and DFT simulation	Journal of Luminescence	0022-2313	3.280	4	Yes
3	Synthesis and TSL properties of SnO ₂ :Eu nanophosphor for high gamma dosimetry	Journal of Alloys and Compounds	0925-8388	1.512	6	No
4	TL studies of a sensitive CaNa ₂ (SO ₄) ₂ :Dy nanophosphor for gamma dosimetry	Radiation Measurement	1350-4487	4.650	5	No

Dr. S.B. Deshmukh

Sr. No.	Title of the Research Article	Name of the Journal	ISSN/ ISBN	Impact Factor, if any	No. of Co-Author	Are you Main Author
1	Dielectric characterization of soil samples of Nashik region by microwave measurement	Journal of Emerging Technologies and Innovative research (JETR), Volume 7, Issue 2, PP.197-202, ISSN Feb-2020	2349-5162	UGC recogniz ed	02	Guide
2	Acoustic and Thermodynamic properties of Binary Liquid Mixtures using DMSO at different temperatures	Journal of Current pharma research, Volume 10, Issue 2, pp 3716-3723 Jan-2020	ISSN-2230-7842	1.5	01	Guide
3	Excess Thermodynamic Properties of Binary Liquid Mixtures of DMSO with Methanol at Different Temperatures	<i>International Journal of Universal Science and Technology</i> , Volume: 04 Issue: 04, PP: 196-201 March-2018	ISSN: 2454-7263	0.5	01	Guide
4	Relationship of Electrical conductivity & Dielectric Constant with Status of Micronutrients in the Soil of Northern Maharashtra	International Journal of Chemical & Physical Sciences, March 2018	ISSN:2319-6602	1.42	02	Guide

	Region					
5	Synthesis, Characterization and Gas sensing properties of Cu surface modified BaTiO ₃ thick films	Int. Res. J. of Science & Engineering, 2018; Special Issue A2 : January-2018	ISSN: 2322-0015	1.115	04	Guide
6	Influence Of Bulk Density On Dielectric Properties Of Soil Samples Of Khandesh And Northern Maharashtra	International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org , Volume 6, Issue 1 Pg 1515-1522, January-2018	ISSN: 2320-2882	0.4	02	Guide
7	Relation Between Dielectric Constant and Water Content of Soil from Western Ghat of MS, India	International Research Journal of Science and Engineering, Special Issue A2, Pg 76-82, January-2018	ISSN: 2322-0015	1.115	02	Guide
8	Measurement of Dielectric Constant of Soil from Northern Maharashtra at X Band Microwave Frequency	Current Global Reviewer, Issue 1, Pg 49-54, January-2018	2319-8648	1.1	02	Guide
9	Dependence of Dielectric Constant on Physiochemical Properties of soil samples of Northern Maharashtra	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 3, Pages-127-134, March-2018	ISSN-2349-5162	1.75	02	Guide
10	Dielectric Study of Soil at X Band Microwave Frequency and Physiochemical Properties	International Journal of Engineering and Techniques Volume 4 Issue 1, Jan – Feb 2018	ISSN: 2395-1303	1.72	02	Guide
11	Synthesis, Characterization and Gas sensing properties of Cr surface modified BaTiO ₃ thick films	International Journal for Research in Applied Science & Engineering Tech. (IJRASET) Volume 5 Issue XII, Dec-2017	2321-9653	1.887	04	Guide
12	Behavior of Dielectric Properties of Soil of Northeast Region of Nashik with Variation of Moisture Content	International Journal for Research in Applied Science and Engineering, Issue XII, Vol.5, 2544-2550, Dec-2017	2321-9653	1.687	02	Guide
13	Variation of Physical Parameters of Soil from	International Journal of Scientific	2229-5518	1.1	02	Guide

	Nashik Region with Dielectric Constant at X Band Frequency	and Engineering Research, Issue 11 Vol.8, Pg 86-90, Nov-2017				
14	Effect of Organic Matter on the Electrical Parameters of Soil Samples from Western Ghat Zone of Maharashtra	International Journal of Scientific Development and Research, Issue 11 Vol.2, 117-122, Nov-2017	ISSN: 2455-2631	1.2	02	Guide
15	Pollution Effects and Control Soil Pollution	Pollution Effects and Control Soil Pollution, Special 17, pp 163-169, 2017 August	2348-7143	1.5	02	Co Author
16	Correlations Between Physico chemical Characteristics with Dielectric Constant of Soil from Nashik Region	International Journal of Science and Research Issue 3, Vol.6, 2325-2328, March-2017	2319-7064	0.82	02	Guide
17	Complex Dielectric Behavior of Soil from Nashik Region at X Band Microwave Frequency	International Journal of Scientific Research and Publication, Issue 12 Vol.6, Pg 77-89, Dec- 2016	2250-3153	1.27	02	Guide
18	"H ₂ S Gas Sensing Properties of Sr Modified BaTiO ₃ Thick Films by Dipping and Doping Process"	<u>Sensor Letters</u> , Volume 14, Number 12, pp. 1203-1209(7) Publisher: American Scientific Publisher, Dec-2016	1546-1971	2.1	04	Guide
19	Variation of Dielectric Constant of soil from Nasik region with physical parameters at x band frequency	Proceeding Book: National Conference on Nonmaterial Imperatives in the New Millennium (NINM-2016) ISBN :978-93-83993-95-6 45, pp.45-49, Oct 2016	2229-5518	1	02	Guide
20	Comparative Evaluation of Ultrasonic Velocity in Binary Liquid Mixtures Over Wide Range of Temperatures	<i>International Journal Of Scientific Research</i> , Volume 5, Issue 10, PP:340-345, October 2016	2277 - 8179	0.9	01	Guide
21	Viscometric and thermodynamic study of binary liquid mixtures at 295 K, 300 K, 305 K, 310 K and 315 K	<i>International Journal of Advancement in Engineering Technology, Management and</i>	2349-3224	0.7	01	Guide

		<i>applied Science</i> , Volume 03, Issue 09, PP: 99-106, Sept 2016				
22	Sensitive and rapid Hydrogen sulphide sensors based on Ni surface modified BaTiO3 thick films	Journal of Advanced Physics, Vol 5, Issue 2., pp- 110-117, ISSN- 2168-1996, June- 2016	1546-1971	Peer review, 1.3	04	Co-Author
23	Acoustic and Thermodynamic study of binary liquid mixtures at different temperatures from 295 K to 315 K	<i>International Refereed Research Journal</i> , (Special Issue on International Conference proceedings), Vol. 7 (4), 2016, 119- 124 Dec- 2016	Confere nce proceedi ngs	--	01	Guide

Dr. C.S. Mahajan

Sr. No.	Title of the Research Article	Name of the Journal	ISSN/ ISBN	Impact Factor, if any	No. of Co- Autho r	Are you Main Author
9	Hypothesis of origin of Geo-electromagnetic Field Signal:A Review.	International Journal of Advanced Research in Basic and Applied Science.	ISSN 2393- 8196	5.8	Two	Yes
10	Investigation of Goelectromagn-etic field caused by Groundwater using semiconductor laser light, International journal of computer engineering and application.	International journal of computer engineering and application. (2018)	2321- 3469	1.2	Two	Yes
11	Use of semiconductor laser light for Identification of Geo- electromagnetic Field (GEF) region above earth's surface.	Journal of Applied Science and Computation Vol. VI, Issue L, January/2019.	1076- 5131	5.2	Two	Sole
12	Empirical groundwater exploration using Light Interference Technique	Green Urbanism (GU) 2 nd Edition,Rome Italy. (Springer). (2019)		3.4	Two	Yes
13	Vein width measurement of ground water on earth's surface using semiconductor laser light and proton magnetometer.	Journal of Applied Geophysics.171 (2019) 103964.		2.121	Two	Yes

Dr. R. R. Bhosale

Sr. No.	Title of the Research Article	Name of the Journal	ISSN/ ISBN	Impact Factor, if any	No. of Co-Author	Are you Main Author
1	Synthesis, structural, electrical and dielectric properties of Zn–Zr doped strontium hexaferrite nanoparticles	Journal of Materials Science: Materials in Electronics	ISSN 0957-4522	1.7	03	Yes
2	Structural, morphological and magnetic properties of M-type strontium hexaferrite synthesized via sol-gel auto-combustion technique	IJET	ISSN:23 95-1303	6.08	02	Yes

Dr. S. B. Bajaj

Type of Journal	Title with Page No.	Journal Details	Published year	Sole/ Co-Author	Peer Review/Impact Factor
International	Emission Reduction using nanomaterial coated catalytic converter"	International J of Advances Managment, Technology Engineering Sciences Vol. IV,	2015	CO - Author	1.642
International	Performance Characteristics of CI engine with Perovskite Composite Nanomaterial as Fuel Additive	International J of Innovative Research in SCIENCE, Engineering and Technology	2016	CO - Author	1.5
International	"Experimental Investigation on Perovskite Nanomaterial as an Additive for Biodiesel Fuel using Taguchi"	IJRASET Volume 5 Issue VIII	2017	CO - Author	