

## Research Publication

### Research Papers publication:

Sr. No.	Title of papers	Name of Author	Journal	ISSN / ISBN No.	National International with impact factor. If any
01.	Facile Synthesis and Characterization of Copper Oxide (CuO) Nanoparticles Via Sol-Gel Method	Sangita Shinde, <b>Pallavi Nalle</b> , P. Kute, Firdos Quadri, N. D. Chaudhari	Journal of the Maharaja Sayajirao University of Baroda	ISSN No: 0025-0422	National
02.	COVID – 19 Pandemic: Wake – up Call of Digital Transformation for Education System	<b>Pallavi B. Nalle</b> , Sangita Shinde, Mangesh Manke, S. S. Kale	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
03.	Impact of COVID-19 on the Teaching and Learning of Science in Higher Education	Sangita Shinde, <b>Pallavi Nalle</b> , Qudari F. B.	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
04.	Review Article on Impact of COVID-19 Pandemic on Education, Employment, Culture and Human Health in World	S. S. Kale, P. P. Padghan and <b>P. B. Nalle</b>	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
05.	Ultrasonic Investigation of Drug Zingiber officinale with Metal Ions as a Function of Concentration	<b>Pallavi B. Nalle</b> , Sangita U. Shinde, N. B. Thakare, and Prafull P. Padghan	WILEY-VCH Macromolecular Symposia	DOI: 10.1002/masy.202000080	International IF: 0.6
06.	Multiferroic Fe <sup>3+</sup> ion doped BaTiO <sub>3</sub> Perovskite Nanoceramics: Structural, Optical, Electrical and Dielectric Investigations	Dhananjay N. Bhojar, Sandeep B. Somvanshi, <b>P. B. Nalle</b> , V. K. Mande, A. A. Pandit, K. M. Jadhav	Journal of Physics: Conference Series	Doi: 10.1088/1742-6596/1644/1/012058	International
07.	Smartphone Applications for Health Management	<b>Pallavi B. Nalle</b> , Sangita U. Shinde, Kamlakar M. Jadhav	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN No. 2348-1269	International IF: 5.75
08.	Mobile Applications for Teaching Physics	Sangita U. Shinde, Pallavi B. Nalle, Kamlakar M. Jadhav	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN No. 2348-1269	International IF: 5.75
09.	Acoustical and Excess Parameter Studies of Piperine with MgCl <sub>2</sub>	<b>Pallavi B. Nalle</b> , R. G. Dorik and K. M. Jadhav	Journal of Pure and Applied Ultrasonics (Ultrasonic Society of India).	ISSN No. 0256-4637	National
10.	Characterisation Techniques for Monuments: An Overview	<b>Pallavi B. Nalle</b> , Sangita Shinde, D. N. Bhojar, V. B. Huse	Our Heritage	ISSN No. 0474-9030	National IF: 6.8
11.	Jayakwadi Hydro-Power plant- A Birds Eye view	Sangita Shinde, <b>Pallavi Nalle</b> , S.B. Patil, F.B. Quadri, N.D. Chaudhari, B.R. Sharma	Our Heritage	ISSN No. 0474-9030	National IF: 6.8
12.	Ultrasonic Investigation of Herbal Extract <i>Officinale Zingiber</i> at Temperature 308.15K	<b>Pallavi B. Nalle</b> , Sangita U. Shinde and K.M. Jadhav	Review of Research	ISSN No. 2249-894x	International UIF: 5.7631

13.	Synthesis and Acoustical Characterization of Binary Liquid System at Temperature 313.15 K	Sangita Shinde, <b>Pallavi Nalle</b> , B. R. Sharma, K. M. Jadhav	Review of Research	ISSN No. 2249-894x	International UIF: 5.7631
14.	Acoustic Study of <i>Officinale Zingiber</i> and Zinc Chloride at Varying Concentration by Ultrasonic Investigation	<b>Pallavi B. Nalle</b> , Sangita U. Shinde and K. M. Jadhav	International Journal of Advance and Innovative Research	ISSN No. 2394-7780	International
15.	Acoustical and Excess Parameters in Binary Liquid Mixture at Temperature 303.15 K	<b>Pallavi B. Nalle</b> , B. R. Shinde, S. U. Shinde, R. G. Dorik and K. M. Jadhav	Journal of Pure and Applied Ultrasonics (Ultrasonic Society of India)	ISSN No. 0256-4637	National
16.	Acoustic and Thermodynamic Study of <i>Piper Nigrum</i> and Zinc Chloride at Varying Temperatures by Ultrasonic Technique	<b>Pallavi B. Nalle</b> , B. R. Shinde, R. G. Dorik and K. M. Jadhav	I.J. Advanced Research in Basic and Applied Sciences	ISSN No. 2394-4072	International
17.	Effect of drug <i>Piper nigrum</i> on magnesium chloride at varying concentration and temperature through ultrasonic method: A thermoacoustic study	<b>Pallavi B. Nalle</b> , S.S. Deshmukh, R.G. Dorik and K.M. Jadhav	Cogent Physics (2016), 3: 21 Nov 2016, Taylor and Francis Group	doi: <a href="http://dx.doi.org/10.1080/0/23311940.2016.1262572">http://dx.doi.org/10.1080/0/23311940.2016.1262572</a>	International
18.	Effect of Drug <i>Piper Nigrum</i> on Physicochemical Properties of Zinc Chloride at Varying Concentration and Temperature Investigated Through Ultrasonic Tool	<b>Pallavi Nalle</b> , Shankar D. Birajdar, B. R. Shinde, R.G. Dorik, K.M. Jadhav	Cogent Chemistry (2016), 2 July 2016, Taylor and Francis Group	doi: <a href="http://dx.org/10.1080/23312009.2016.1216721">http://dx.org/10.1080/23312009.2016.1216721</a>	International
19.	Studies on Molecular Interaction in Enriched Antioxidant Piper Nigrum with NaCl through Ultrasonic Interferometer	<b>Pallavi B. Nalle</b> , P.S. Aghav, V. D. Murumkar, R.G. Dorik, K.M. Jadhav	I.J. Advanced Research in Basic and Applied Sciences	ISSN No. 2394-4072	International
20.	Ultrasonic Studies on Some Bio molecular Aqueous Solution at 303.15 K	Sangita Shinde, <b>Pallavi B. Nalle</b> , J.B. Mote, N.D. Chaudhari, B.R. Sharma, B.R. Shinde	I.J. Advanced Research in Basic and Applied Sciences	ISSN No. 2394-4072	International
21.	Variation of Acoustical Parameters of Herbal Extract <i>Piper Nigrum</i> with Metal Ions at 2 MHz Frequency	<b>Pallavi B. Nalle</b> , S. N. Karajangi, Sangita U. Shinde, B. R. Shinde, V. G. Patil, K. M. Jadhav	103 <sup>rd</sup> Indian Sci. Congress, Mysuru (Conference Proceeding)		National
22.	Synthesis and Morphological Studies of CuO Nanoparticles Obtained by Sol-Gel Method	B. R. Shinde, N.N. Waghule, S. S. Jadhav, <b>Pallavi B. Nalle</b> , R.G. Vidhate, K.M. Jadhav	103 <sup>rd</sup> Indian Sci. Congress, Mysuru (Conference Proceeding)		National
23.	Ultrasonic Investigations of Drug <i>Piper Nigrum</i> in Metal Ions at 303.15 K Temperature	<b>Pallavi B. Nalle</b> , C. M. Kale, S. U. Shinde, R. G. Dorik	Bionano Frontier	Print ISSN 0974-0678 online 232-9593	National
24.	Synthesis, Structural and Ultrasonic Characterization of CuO Nanofluid	<b>Pallavi B. Nalle</b> , Asha Navpute, S.P. Jadhav, B. R. Shinde, S. U. Shinde, K.M. Jadhav	International Journal of Science and Research (IJSR)	ISSN Online 2319-7064	International IF: 4.438
25.	Studies on Molecular Interaction in Enriched Antioxidant <i>Piper Nigrum</i> with NaCl Through Ultrasonic Interferometer	<b>P. B. Nalle</b> , Shinde B. R. Shinde, S. U. Shinde, A. A. Nawpute, R. G. Dorik and K. M. Jadhav	DAE Solid State Physics Symposium, VIT University, Vellore, TN. organized by Bhabha Atomic Research Center & DAE BRNS VIT University.		National
26.	Antioxidant Activity Extracted Black Pepper ( <i>Piper Nigrum L.</i> ) Fruit with Metal Through Ultrasonic Investigation	<b>Pallavi B. Nalle</b> , B. R. Shinde, Shinde S. U. Jadhav S. M., Dorik R.G., Jadhav K.M	UGC Sponsored National Conference, Mahatma Gandhi College, Ahamedpur, Dist. Latur, Maharashtra		National

			(Conference Proceeding)		
27.	Ultrasonic Investigations of CuO Nanoparticles Dispersed in PVA Matrix.	<b>Pallavi B. Nalle</b> , Asha A. Nawpute, Sangeeta Shinde, B. R. Shinde, P. P. Khirade, R. G. Dorik, K. M. Jadhav.	BIONAN FRONTIER	ISSN 0974-0678, Online 2320-9593	National
28.	Personal Response System: An Innovative Method in Teaching Physics	Asha A. Navpute, <b>Pallavi B. Nalle</b> , S. D. Birajdar, P. P. Khirade, Sangeeta Shinde, K. M. Jadhav	National Seminar on Innovative Teaching Methods, Deogiri College, Aurangabad, Maharashtra. (Conference Proceeding)	ISBN 978-81-926750-0-9	National

**Publications other than journal articles (books, chapters in books):**

Sr. No.	Title with page nos./ Chapter with page no.	Book Title, editor & publisher	Publication International/ National/ Local	ISSN/ ISBN No.
01.	Title of Chapter: Nuclear Energy Page No.: 33-39	Book Title: The Science of Energy Editor: Dr. C. M. Kale Publisher: Dr. Surekha S. Lakkas	National	ISBN No. 978-81-929628-3-2
02.	Title of Chapter: Ultrasonic Investigation of Officinale Zingiber with ZnCl <sub>2</sub> as a Function of Concentration and Temperature Page No.: 67 -71	Book Title: Innovative Research in Science and Technology Chief Editor: Dr. C. M. Kale Publisher: Rushi Publication, Aurangabad.	National	ISBN No. 978-81-951034-5-4