

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	Tailoring and Characterization of Copper Oxide Nanoparticles by Sol-Gel Route	Sangita Shinde, Pallavi Nalle, N. D. Chaudhari	International Journal of Scientific Research in Science and Technology Vol. No. 11, pp. 64-67, 2024.	Online ISSN: 2395 602X doi : https://doi.org/10.32628/IJSRST	International
02	Study of Acoustic Parameters for Binary Liquid Mixture Using Ultrasonic Interferometer	Pallavi B. Nalle, S. U. Shinde, K. M. Jadhav	International Journal of Scientific Research in Science and Technology Vol. No. 11, pp. 214-218, 2024.	Online ISSN: 2395 602X doi : https://doi.org/10.32628/IJSRST	International
03	Fabrication and Characterization of Some metal Oxide Nanoparticles using Sol Gel Method	Sangita Shinde, Pallavi Nalle, Firdos Quadri, Prabhakar Kute, N. D. Chaudhari	International Journal of Scientific Research in Science and Technology Vol. No. 11, pp. 213-216, 2024.	Online ISSN: 2395 602X doi : https://doi.org/10.32628/IJSRST	International
04	An Overview of Nanoscience and its Applications	P. B. Nalle, S. U. Shinde, K. M. Jadhav	International Journal of Scientific Research in Science and Technology Vol. No. 11, pp. 385-390, 2024	Online ISSN: 2395 602X doi : https://doi.org/10.32628/IJSRST	International
05	Viscosity, Density and Ultrasonic Study of Officinale Zingiber with ZnCl ₂ at 318.15 K	P. Nalle, S. Shinde and K. Jadhav	Asian Journal of Organic & Medicinal Chemistry Vol. 7 No. 2 April-June, Special Issue CRNSS 2022	ISSN Online: 2456-8937	International
06	Facile Synthesis and Characterization of Copper Oxide (CuO) Nanoparticles Via Sol-Gel Method	Sangita Shinde, Pallavi Nalle , P. Kute, Firdos Quadri, N. D. Chaudhari	Journal of the Maharaja Sayajirao University of Baroda	ISSN No: 0025-0422	National
07	COVID – 19 Pandemic: Wake – up Call of Digital Transformation for Education System	Pallavi B. Nalle , Sangita Shinde, Mangesh Manke, S. S. Kale	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
08	Impact of COVID-19 on the Teaching and Learning of Science in Higher Education	Sangita Shinde, Pallavi Nalle , Qudari F. B.	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
09	Review Article on Impact of COVID-19 Pandemic on Education, Employment, Culture and Human Health in World	S. S. Kale, P. P. Padghan and P. B. Nalle	B. Aadhar' International Peer-Reviewed Indexed Research Journal	ISSN No: 2278-9308	International IF: 7.675
10	Ultrasonic Investigation of Drug Zingiber officinale with Metal Ions as a Function of Concentration	Pallavi B. Nalle , Sangita U. Shinde, N. B. Thakare, and Prafull P. Padghan	WILEY-VCH Macromolecular Symposia	DOI: 10.1002/masy.202000080	International IF: 0.6

11	Multiferroic Fe ³⁺ ion doped BaTiO ₃ Perovskite Nanoceramics: Structural, Optical, Electrical and Dielectric Investigations	Dhananjay N. Bhojar, Sandeep B. Somvanshi, P. B. Nalle , V. K. Mande, A. A. Pandit, K. M. Jadhav	Journal of Physics: Conference Series	Doi: 10.1088/1742-6596/1644/1/012058	International
12	Smartphone Applications for Health Management	Pallavi B. Nalle , Sangita U. Shinde, Kamalakar M. Jadhav	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN No. 2348-1269	International IF: 5.75
13	Mobile Applications for Teaching Physics	Sangita U. Shinde, Pallavi B. Nalle, Kamalakar M. Jadhav	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN No. 2348-1269	International IF: 5.75
14	Acoustical and Excess Parameter Studies of Piperine with MgCl ₂	Pallavi B. Nalle , R. G. Dorik and K. M. Jadhav	Journal of Pure and Applied Ultrasonics (Ultrasonic Society of India).	ISSN No. 0256-4637	National
15	Characterisation Techniques for Monuments: An Overview	Pallavi B. Nalle , Sangita Shinde, D. N. Bhojar, V. B. Huse	Our Heritage	ISSN No. 0474-9030	National IF: 6.8
16	Jayakwadi Hydro-Power plant- A Birds Eye view	Sangita Shinde, Pallavi Nalle , S.B. Patil, F.B. Quadri, N.D. Chaudhari, B.R. Sharma	Our Heritage	ISSN No. 0474-9030	National IF: 6.8
17	Ultrasonic Investigation of Herbal Extract <i>Officinale Zingiber</i> at Temperature 308.15K	Pallavi B. Nalle , Sangita U. Shinde and K.M. Jadhav	Review of Research	ISSN No. 2249-894x	International UIF: 5.7631
18	Synthesis and Acoustical Characterization of Binary Liquid System at Temperature 313.15 K	Sangita Shinde, Pallavi Nalle , B. R. Sharma, K. M. Jadhav	Review of Research	ISSN No. 2249-894x	International UIF: 5.7631
19	Acoustic Study of <i>Officinale Zingiber</i> and Zinc Chloride at Varying Concentration by Ultrasonic Investigation	Pallavi B. Nalle , Sangita U. Shinde and K. M. Jadhav	International Journal of Advance and Innovative Research	ISSN No. 2394-7780	International
20	Acoustical and Excess Parameters in Binary Liquid Mixture at Temperature 303.15 K	Pallavi B. Nalle , 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
21	Acoustic and Thermodynamic Study of <i>Piper Nigrum</i> and Zinc Chloride at Varying Temperatures by Ultrasonic Technique	Pallavi B. Nalle , B. R. Shinde, R. G. Dorik and K. M. Jadhav	I.J. Advanced Research in Basic and Applied Sciences	ISSN No. 2394-4072	International
22	Effect of drug <i>Piper nigrum</i> on magnesium chloride at varying concentration and temperature through ultrasonic method: A thermoacoustic study	Pallavi B. Nalle , S.S. Deshmukh, R.G. Dorik and K.M. Jadhav	Cogent Physics (2016), 3: 21 Nov 2016, Taylor and Francis Group	doi: http://dx.doi.org/10.1080/23311940.2016.1262572	International

24	Effect of Drug <i>Piper Nigrum</i> on Physicochemical Properties of Zinc Chloride at Varying Concentration and Temperature Investigated Through Ultrasonic Tool	Pallavi Nalle , Shankar D. Birajdar, B. R. Shinde, R.G. Dorik, K.M. Jadhav	Cogent Chemistry (2016), 2 July 2016, Taylor and Francis Group	doi: http://dx.org/10.1080/23312009.2016.1216721	International
25	Studies on Molecular Interaction in Enriched Antioxidant Piper Nigrum with NaCl through Ultrasonic Interferometer	Pallavi B. Nalle , 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
26	Ultrasonic Studies on Some Bio molecular Aqueous Solution at 303.15 K	Sangita Shinde, Pallavi B. Nalle , 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
27	Variation of Acoustical Parameters of Herbal Extract <i>Piper Nigrum</i> with Metal Ions at 2 MHz Frequency	Pallavi B. Nalle , S. N. Karajangi, Sangita U. Shinde, B. R. Shinde, V. G. Patil, K. M. Jadhav	103 rd Indian Sci. Congress, Mysuru (Conference Proceeding)		National
28	Synthesis and Morphological Studies of CuO Nanoparticles Obtained by Sol-Gel Method	B. R. Shinde, N.N. Waghule, S. S. Jadhav, Pallavi B. Nalle , R.G. Vidhate, K.M. Jadhav	103 rd Indian Sci. Congress, Mysuru (Conference Proceeding)		National
29	Ultrasonic Investigations of Drug <i>Piper Nigrum</i> in Metal Ions at 303.15 K Temperature	Pallavi B. Nalle , C. M. Kale, S. U. Shinde, R. G. Dorik	Bionano Frontier	Print ISSN 0974-0678 online 232-9593	National
30	Synthesis, Structural and Ultrasonic Characterization of CuO Nanofluid	Pallavi B. Nalle , 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
31	Studies on Molecular Interaction in Enriched Antioxidant <i>Piper Nigrum</i> with NaCl Through Ultrasonic Interferometer	P. B. Nalle , 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
32	Antioxidant Activity Extracted Black Pepper (<i>Piper Nigrum L.</i>) Fruit with Metal Through Ultrasonic Investigation	Pallavi B. Nalle , 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 (Conference Proceeding)		National
33	Ultrasonic Investigations of CuO Nanoparticles Dispersed in PVA Matrix.	Pallavi B. Nalle , 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
34	Personal Response System: An Innovative Method in Teaching Physics	Asha A. Navpute, Pallavi B. Nalle , 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: Physics and Sustainable Development for Modern Society: An Overview pp. 185-187	Interdisciplinary Research in Science and Technology Chief Editor: Dr. Chandrashekhar M. Kale Publisher: Rushi Publication	National	ISBN No. 978-81 970491-2-5
02	Title of Chapter: Nanofluid with Ultrasonic Investigation: An Overview pp. 30-35	Book Title: Interdisciplinary Perspective of Basic and Engineering Science Chief Editor: Dr. Kishor Kadam, Dr. Jagannath Godse Publisher: Rushi Publication	National	ISBN No. 978-81 961555-6-8
03	Title of Chapter: Intermolecular Study of Liquid Mixture as a Function of Concentration pp. 80-82	Book Title: Advanced Research in Science and Technology Chief Editor: Dr. Chandrashekhar M. Kale Publisher: Rushi Publication	National	ISBN No. 978-81 961555-0-6
04	Title of Chapter: Title of Chapter: Ultrasonic Investigation of Officinale Zingiber with ZnCl ₂ 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
05	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