



**Name** : Dr. Pallavi Baswaraj Nalle  
**Qualification** : M. Sc. B. Ed. Ph. D. [PHYSICS]  
**Designation** : Assistant Professor  
**College** : Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana.  
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**Date of Birth** : 18 June 1984  
**Date of joining** : 21 September 2019  
**Nationality** : Indian

#### ACADEMIC QUALIFICATION DETAILS

Examination Passed	College/ Institute	Board/ University	Subject/ Specialization	Year of Passing	Division/ Grade
S. S. C.	Shri Deshikendra High School, Latur.	Maharashtra State Board	Marathi, Sanskrit, English, Mathematics, Science, Social Sciences	1999	Second Class
H. S. C.	Shri Mahatma Basweshwer Mahavidyalaya, Latur.	Maharashtra State Board	Marathi, Sanskrit, English, Mathematics, Science, Social Sciences	2001	Second Class
B. Sc.	Shri Mahatma Basweshwer Mahavidyalaya, Latur.	Swami Ramanand Tirth Marathwada University, Nanded.	Physics, Electronics, Computer Science	2004	First Class
B. Ed.	Netaji Subhash Chandra Boss, College of Education, Kingaon, Dist. Latur.	Swami Ramanand Tirth Marathwada University, Nanded.	Science	2008	Second Class

M. Sc.	Deogiri College, Aurangabad.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	Physics	2009	First Class
Ph. D.	Department of Physics, Babasaheb Ambedkar Marathwada University, Aurangabad.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	“Ultrasonic Studies on Behaviour of Molecular Interaction on Some Liquid Mixture”	2017	

**Google Scholar:** - <https://scholar.google.co.in/citations?user=DeByQEUA AAAJ&hl=en>

**ORCID iD:-** <https://orcid.org/0000-0002-7745-7231>

**Teaching Experience:** 10+2 years

**Research Experience:** 9 years

**Ph. D. Thesis Title** : “ULTRASONIC STUDIES ON BEHAVIOUR OF MOLECULAR INTERACTION ON SOME LIQUID MIXTURE”

**Ph. D. Supervisor** : Dr. R. G. Dorik

**Area of Research** : Material Science, Ultrasonic Investigation of Liquid Mixture, Nanomaterial, Nanofluid.

<b>Ph. D. / M. Phil. Guidance</b>	: NIL	
<b>Paper Published</b>	: 26	
<b>Paper Presented</b>	: International (06)	National (07)
<b>Book Published</b>	: NIL	
<b>Articles Published</b>	: TWO	
<b>Invited Talk &amp; Guest Lectures</b>	: Three (Invited Talk)	
<b>Conference/Workshop Attended</b>	: International (07)	National (14)
<b>Research Project Completed</b>	: NIL	
<b>Minor Research Project</b>	: NIL	
<b>Major Research Project</b>	: NIL	
<b>Position Held</b>	: Assistant Professor	

<b>Awards/Scholarships</b>	: 1) Best Poster Award 2) Paper Presentation Award (II)
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## RESEARCH PROFILE

### 1. Research Papers Published in Journals (24):

Sr. No.	Title	Name of Authors as mentioned in paper	Journal, Vol. No. Page No. Year	Impact Factor if any	ISSN/ ISBN No.
01	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, Vol. 2(1), July 2015. pp. 29-31 2015-16		ISSN No. 2394-4072
02	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 Vol. 2(1), July 2015. pp. 53-55 2015-16		ISSN No. 2394-4072
03	Effect of Drug Piper Nigrum 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> pp. 1-15 2016-17		doi: <a href="http://dx.org/10.1080/23312009.2016.1216721">http://dx.org/10.1080/23312009.2016.1216721</a>
04	Effect of drug Piper nigrum 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/10.1080/23311940.2016.1262572">http://dx.doi.org/10.1080/23311940.2016.1262572</a> pp. 1-18 2016-17		doi: <a href="http://dx.doi.org/10.1080/23311940.2016.1262572">http://dx.doi.org/10.1080/23311940.2016.1262572</a>
05	Acoustic and Thermodynamic Study of Piper Nigrum and Zinc Chloride at Varying Temperatures by Ultrasonic	<b>Pallavi B. Nalle</b> , B. R. Shinde, R. G. Dorik and K. M. Jadhav	I. J. Advanced Research in Basic and Applied Sciences Vol. 3(1), July 2016 pp. 51-56 2016-17		ISSN No.23 94-4072

	Technique				
06	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) Vol. 39 (1) JANUARY-MARCH 2017 pp. 1-7 2017		ISSN 0256-4637
07	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). Vol. 41(2), APRIL-JUNE 2019 pp. 27-35 2018-19		ISSN 0256-4637
08	Smartphone Applications for Health Management	<b>Pallavi B. Nalle</b> , Sangita U. Shinde, Kamalakar M. Jadhav	International Seminar on Contemporary Issues in Commerce and Management Vol. 6(1), March 2019 pp. 38-41 2018-19	5.75 (Google Scholar)	E-ISSN 2348-1269 P-ISSN 2349-5138
09	Mobile Applications for Teaching Physics	Sangita U. Shinde, <b>Pallavi B. Nalle</b> , Kamalakar M. Jadhav	International Seminar on Contemporary Issues in Commerce and Management Vol. 6(1) pp. 47-51 March 2019	5.75 (Google Scholar)	E-ISSN 2348-1269 P-ISSN 2349-5138
10	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	Bionano Frontier, Vol. 6 Issue 4 pp. 205-207 Oct 2013		ISSN 0974-0678 Online 2320-9593
11	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) Jan 2015 pp. 208-210 2015	4.438	ISSN (Online) 2319-7064

12	Ultrasonic Investigations of Drug Piper Nigrum in Metal Ions at 303.15 K Temperature	<b>Pallavi B. Nalle, C. M. Kale, S. U. Shinde, R. G. Dorik</b>	Bionano Frontier Vol. 8 (3) pp. 168-170 December 2015		ISSN 0974-0678, online 2320-9593
13	Acoustic Study of <i>Officinale Zingiber</i> and Zinc Chloride at Varying Concentration by Ultrasonic Investigation	<b>Pallavi B. Nalle, Sangita U. Shinde and K. M. Jadhav</b>	International Journal of Advance and Innovative Research Vol. 6, Issue 1 (XIX) Jan-March 2019 Part -2 pp. 68-71 2019		ISSN 2394-7780
14	Ultrasonic Investigation of Herbal Extract <i>Officinale Zingiber</i> at Temperature 308.15K	<b>Pallavi B. Nalle, Sangita U. Shinde and K.M. Jadhav</b>	Review of Research Vol 1, Issue 1 pp. 51-55. March 2019	5.7631 (UIF)	ISSN 2249-894x
15	Synthesis and Acoustical Characterization of Binary Liquid System at Temperature 313.15 K	Sangita Shinde, <b>Pallavi Nalle, B. R. Sharma, K. M. Jadhav</b>	Review of Research Vol 1, Issue 1, March 2019 pp. 46-50 2019	5.7631 (UIF)	ISSN 2249-894x
16	Ultrasonic Investigation of Drug Zingiber officinale with Metal Ions as a Function of Concentration	<b>Pallavi B. Nalle, Sangita U. Shinde, N. B. Thakare, and Prafull P. Padghan</b>	Macromolecular Symposia 392,2000080 pp. 1-4 2020		DOI: 10.1002/masy.202000080
17	Characterisation Techniques for Monuments: An Overview	<b>Pallavi B. Nalle, Sangita Shinde, D. N. Bhojar, V. B. Huse</b>	Our Heritage Vol-68, Special Issue-11 pp. 331-335 2020	6.8	ISSN: 0474-9030
18	Jayakwadi Hydro-Power plant- A Birds Eye view	Sangita Shinde, <b>Pallavi Nalle, S. B. Patil, F. B. Quadri, N. D. Chaudhari, B. R. Sharma</b>	Our Heritage Vol-68, Special Issue-11 2020 pp. 528-535 2020	6.8	ISSN: 0474-9030
19	COVID - 19 Pandemic: Wake - up Call of Digital Transformation for Education System	<b>Pallavi B. Nalle, Sangita Shinde, Mangesh Manke, S. S. Kale</b>	B. Aadhar International Peer-Reviewed Indexed Research Journal Issue No, 252 (CCXLIII)	7.675	ISSN: 2278-9308

			2020 pp. 47-51 2020		
20	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 Issue No, 252 (CCXLIII) 2020 pp. 52-55 2020	7.675	ISSN: 2278-9308
21	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 Issue No, 252 (CCXLIII) 2020 pp. 81-83 2020	7.675	ISSN: 2278-9308
22	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 1644(2020)012058 2020 pp. 1-12 2020		Doi: 10.1088/1742-6596/1644/1/012058
23	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, Volume-55, No.2 2021		ISSN: 0025-0422
24	Viscosity, Density and Ultrasonic Study of Officinale Zingiber with ZnCl <sub>2</sub> at 318.15 K	<b>P. Nalle</b> , 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

## 2. Full Papers in Conference Proceedings (04) :

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN / ISBN No.
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01	National Seminar on Innovative Teaching Methods, Deogiri College, Aurangabad, Maharashtra.	National	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	Deogiri College, Aurangabad, Maharashtra 30-31 Aug 2013	ISBN 978-81-926750-0-9
02	UGC Sponsored National Conference, Mahatma Gandhi College, Ahamadpur, Dist. Latur, Maharashtra.	National	Antioxidant Activity Extracted Black Pepper 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	Mahatma Gandhi College, Ahamadpur, Dist. Latur, Maharashtra, September 2014	
03	103 <sup>rd</sup> Indian Sci. Congress, University of Mysore, Mysuru, Jan 2016	National	Variation of Acoustical Parameters of Herbal Extract Piper Nigrum 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	University of Mysore, Mysuru. 3-7 January 2016	
04	103 <sup>rd</sup> Indian Sci. Congress, University of Mysore, Mysuru, Jan 2016	National	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	University of Mysore, Mysuru. 3-7 January 2016	

### 3. Papers Presented in Conferences / Seminar / Symposia /Workshop (13):

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
01	Ultrasonic investigations of CuO Nanoparticles Dispersed in PVA Matrix	National Conference on Emerging Trends in Lasers and Advanced Materials	National	28-29 October 2013	Abasaheb Garware College, Pune, Maharashtra
02	Antioxidant Activity Extracted Black Pepper Fruit with Metal Through Ultrasonic Investigation	UGC Sponsored National Conference on Non-Conventional Energy Sources for Rural Development of India	National	5-6 September 2014	Mahatma Gandhi College, Ahamedpur, Dist. Latur, Maharashtra
03	Synthesis, Structural	International	Internati	22, 23 & 24	Nagpur

	and Ultrasonic Characterization of CuO Nanofluid	Symposium on Ultrasonics	onal	January 2015	University, Nagpur, Maharashtra
04	Ultrasonic Investigations of Drug Piper Nigrum in Metal Ions at 303.15 Temperature	International Conference on Functional Materials and Microwaves	International	28-30 December 2015	Dr. B. A. M. University, Aurangabad.
05	Variation of Acoustical Parameters of Herbal Extract Piper Nigrum with Metal Ions at 2 MHz Frequency	103rd Indian Sci. Congress	National	3-7 January 2016	University of Mysore, Mysuru.
06	Synthesis and Morphological Studies of CuO Nanoparticles Obtained by Sol-Gel Method	103rd Indian Sci. Congress	National	3-7 January 2016	University of Mysore, Mysuru.
07	Acoustic Study of Officinale Zingiber and Zinc Chloride at Varying Concentration by Ultrasonic Investigation	National Conference on Functional Materials Synthesis and Characterization Techniques	National	02 March 2019	Dept. of Physics, Vaidyanath College, Parli-Vaijnath, Dist. Beed, Maharashtra.
08	Synthesis and Acoustical Characterization of Binary Liquid System at Temperature 313.15 K	National Conference on Recent Advances in Nanotechnology	National	05 March 2019	Toshniwal Arts, Commerce & Science College, Sengaoon Dist. Hingoli, Maharashtra.
09	Ultrasonic Investigation of Drug Zingiber officinale with Metal Ions as a Function of Concentration	Fourth International Conference on Advances in Materials Science (ICAMS- 2020)	International	20-21 January 2020	Raje Ramrao Mahavidyalaya, Jath.
10	Characterisation Techniques for Monuments: An Overview	One Day Multidisciplinary National Conf on Arts, Sculpture and Architecture in Marathwada	National	01 February 2020	Pratishthan Mahavidyalaya, Paithan, Dist. Aurangabad.



11	Study of Molecular Interactions in Binary Liquid Mixtures Containing ZnCl <sub>2</sub>	International Web Conference on Science, Engineering & Technology	International	15-16 May 2020	Society for Technologically Advanced Materials of India (STAMI)
12	Viscosity, density and ultrasonic study of officinale zingiber with ZnCl <sub>2</sub> at 318.15 K	International e – Conference 2022 on Current Research in Chemistry and Nano Sciences (CRCNS - 2022)	International	18 – 20 January 2022	Department of Chemistry, Loknete Vyanaktrao Hiray Arts, Science and Commerce College, Panchavati, Nashik - 3
13	Studies on Molecular Interaction in Enriched Antioxidant Officinale Zingiber with MgCl <sub>2</sub> through Ultrasonic Interferometer	International Conference on New Horizons in Materials Science & Nanotechnology (ICNHMSN) - 2022	International	24 -25 June 2022	Department of Physics, Yeshwantrao Chavan College of Art's, Commerce & Science, Sillod. Dist. Aurangabad.

#### 4. Conferences / Seminar / Symposia / Workshop Attended (22):

Sr. No.	Theme	Level	Date	Organizer
01	National Workshop on Nanotechnology and Intellectual Property Right and Patents in Science and Technology from Nanotechnology Perspectives	National	16-17 Feb 2012	Department of Nanotechnology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
02	Physics of Materials and Photonic Devices	National	16-17 March 2012	Department of Physics, Electronics and Photonics, Rajshri Shahu Mahavidyalaya Latur.
03	UGC Sponsored Two day National Seminar on Innovative Teaching Methods	National	30-31 August 2013	Department of Physics, Deogiri College, Aurangabad.
04	National Conference on Emerging Trends in LASERS and Advanced Materials	National	28 -29 October 2013	Department of Physics, Abasaheb Garware College, Pune, Maharashtra.
05	National Level Conference on Non-Conventional Energy Sources for Rural Development	National	5 – 6 Sept 2014	Department of Physics Mahatma Gandhi College, Ahamadpur, Dist. Latur.

	of India			
06	National Conference on Material Science	National	12-13 December 2014	Department of Physics, Mrs. Kesharbai Sonajirao Sirsagar Alias Kaku Arts, Science & Commerce College, Beed.
07	International Symposium on Ultrasonics (ISU) 2015	International	22-24 Jan 2015	Department of Physics, RTM Nagpur University, Nagpur.
08	International Conference on Functional Materials and Microwaves (ICFMM) 2015	International	28-30 December 2015	Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
09	103 <sup>rd</sup> Indian Science Congress Association	National	3 to 7 January 2016	University of Mysore
10	One Day National Level Seminar on Current Regulatory Scenario and Challenges for Food and Pharmaceutical Industry	National	27 February 2016	Channabasweshwar Pharmacy College, Latur.
11	National Conference on Recent Trends and Development in Material Science 2017 (NCRTDMS 2017)	National	16 December 2017	Department of Physics, Indraraj Arts, Commerce and Science College, Sillod Dist. Aurangabad (M. S.) India.
12	Workshop on Solar Photovoltaic Cell : Basics And Its Applications	College	19 August 2017	Department of Physics, Shivchhatrapati College Aurangabad.
13	Two Days State Level Workshop on "E - Content Development"	National	29 - 30 September 2018	Department of Physics, and Knowledge Bridge Ahmadnagar, Viveknanad Arts, Sardar Dalipsingh Commerce and Science College, Aurangabad.
14	National Conference on Nanostructured Materials and Nanotechnology	National	01 December 2018	Department of Chemistry and Physics of MSP Mandals Shri Muktanand College, Gangapur, Dist. Aurangabad.
15	National Conference on Functional Material Synthesis and Characterization Techniques (NCFMSCT - 2019)	National	2 March 2019	Department of Physics, Vaidyanath College, Parli Vajinath, Dist. Beed.
16	National Conference Recent Advances in Nanotechnology (RAN - 2019)	National	5 March 2019	Department of Physics, Toshniwal Arts Commerce and Science College, Sengaon Dist. Hingoli.
17	4 <sup>th</sup> International Conference on Advances in Materials Science	International	20-21 January	Post Graduate Department of Physics, Raje Ramrao

	(ICAMS - 2020)		2020	Mahavidyalaya Jath Dist. Sangali.
18	One Day Multidisciplinary National Conference on Arts, Sculpture and Architecture in Marathwada (ASAM - 2020)	National	1 Feb 2020	Department of History, Pratishthan Mahavidyalaya Paithan Aurangabad.
19	International Web Conference on Science, Engineering & Technology (IWCSET 2020)	International	15-16 May 2020	Society for Technologically Advanced Materials of India (STAMI)
20	One Day Online International Conference in Interdisciplinary Subjects on The History of Pandemic like Covid-19 & its Impacts on Socio-Economic & Political Sectors in the World	International	20 October 2020	Vasantrya Kale Mahavidyalaya, Dhoki & Akhil Maharashtra Itihas Parishd, Pune
21	International e - Conference 2022 on Current Research in Chemistry and Nano Sciences (CRCNS - 2022)	International	18 - 20 January 2022	Department of Chemistry, Loknete Vyanaktrao Hiray Arts, Science and Commerce College, Panchavati, Nashik - 3
22	International Conference on New Horizons in Materials Science & Nanotechnology (ICNHMSN) - 2022	International	24 -25 June 2022	Department of Physics, Yeshwantrao Chavan College of Art's, Commerce & Science, Sillod. Dist. Aurangabad.

#### 5. Invited Lectures & Session Chairmanship (03):

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
01	Recent Trends in Physics	2021-2022	Workshop	College Level	27/07/2021	Department of Physics, Shivchhatrapati College, Aurangabad.
02	Fundamentals of Ultrasonics and its Research Applications	2021-2022	Guest Lecture Series	College Level	09/12/2021	Department of Physics, Shri. Muktanand College, Gangapur, Dist. Aurangabad.
03	General Electronics	2021-2022	Guest Lecture	College Level	02/06/2022	Department of Physics, Shivchhatrapati College, Aurangabad.

#### 6. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration):

Sr. No.	Programme	Duration	Organized By
01	UGC Sponsored Online Faculty Induction Programme (Guru Dakshata)	08/09/2021 To 02/08/2021	HRDC, Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

#### 7. Articles/Chapters published in Book (02):

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main Authors
01	Nuclear Energy pp. 33-39	The Science of Energy, Dr. C. M. Kale Dr. Surekha S. Lakkas	ISBN No. 978-81- 929628-3-2		Co-author
02	Ultrasonic Investigation of Officinale Zingiber with ZnCl <sub>2</sub> as a Function of Concentration and Temperature pp. 67-71	Innovative Research in Science and Technology, Dr. C. M. Kale Rushi Publication	ISBN No. 978-81- 951034-5-4		Co-author

#### 8. Events Organized (14):

Sr. No.	Events	Level	Funded By	Date	Position
01	Avishkar Competition	University	College	09 January 2020	Member
02	State Level Poster Competition Energy Awareness & Environment Conservation	College	College	12 March 2020	Local Organizing Committee
03	National Webinar Career Opportunities in Physical & Mathematical Science for UG & PG Students	College	College	29 July 2020	Co-coordinator
04	College Level Quiz Competition on Basic Sciences (for UG Students)	College	College	28 February 2021	Co-ordinator
05	Physics Association Fun with Optics	College	College	01 March 2021	Co-ordinator
06	National Level Workshop on Indian Women Empowerment and laws (Women Nurturing Cell & IQAC)	National	College	22 July 2021	Committee Member
07	National Workshop on Use of Virtual Lab in Teaching & Learning	National	College	09 to 10 August 2021	Co-convener

08	Online One Week Certificate Course on Renewable Energy	College	College	15 to 21 September 2021	Member
09	Induction Program for Newly Admitted Students	College	College	25 to 30 October 2021	Technical Support
10	Awareness Program on Energy Audit & Its Importance	College	College	14 January 2022	Co-Convener
11	State Level Quiz Competition on Basic Sciences (for UG Students) on NSD	State	College	26 February 2022	Co-ordinator
12	C. V. RAMAN Lecture Series	College	College	22 to 27 February 2022	Co-ordinator
13	Online One Week Certificate Course on Nanotechnology	College	College	25 to 30 April 2022	Member
14	District Level Model Making Competition	District	Miss. Y. T. Suradkar (Retired Jr. College Teacher)	07 May 2022	Co-ordinator

### 9. Special Achievement:

**1]** Best Poster Award for Paper “Ultrasonic Investigation of Drug Officinale Zingiber with Metal Ions as a Function of Concentration” in Fourth International Conference on Advances in Materials Science. (ICAMS - 2020)

**Year :** 20 -21 January 2020

**Organized By:** Post Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath – Dist: Sangli, Maharashtra, India.

**2]** Paper Presentation (II) Award for Paper “Studies on Molecular Interaction in Enriched Antioxidant Officinale Zingiber with  $MgCl_2$  through Ultrasonic Interferometer” in Two day International Conference on New Horizons in Materials Science and Nanotechnology – 2022.

**Year:** 24-25 June 2022

**Organized By:** Dept. of Physics, Yeshwantrao Chavan College of Arts, Commerce and Science, Sillod, Aurangabad.

### 10. Membership:

01) Indian Science Congress Association Life membership