

Name of the Teacher - Dr. S.V. Mukhamale.

Google Scholer Link: <https://scholar.google.co.in/citations?user=rCuv-A4AAAAAJ&hl=en>

### Publications

Sr. No.	Title of Research paper	Name of the Journal	Year	Link
1	Eco-friendly green synthesis and characterizations of CoFe <sub>2</sub> -xAl <sub>x</sub> O <sub>4</sub> nanocrystals: analysis of structural, magnetic, electrical, and dielectric properties	Journal of Nanostructure in Chemistry	2021	<a href="https://link.springer.com/article/10.1007/s40097-020-00381-7">https://link.springer.com/article/10.1007/s40097-020-00381-7</a>
2	Gamma radiation shielding characteristics of various spinel ferrite nanocrystals: a combined experimental and theoretical investigation	RSC Advances	2021	<a href="https://pubs.rsc.org/en/content/articlehtml/2021/ra/d0ra08372k">https://pubs.rsc.org/en/content/articlehtml/2021/ra/d0ra08372k</a>
3	Enhanced solar-cell efficiency Via fabricated zinc sulfide nanocrystalline thin film-based Schottky diodes			<a href="https://www.sciencedirect.com/science/article">https://www.sciencedirect.com/science/article</a>

	as a bypass: An experimental and theoretical investigations	Solar Energy	2020	<a href="#">/abs/pS0038092X20310707?via%3</a> Dihub
4	Experimental and simulation study on nanosonic particles and nanomaterials of ZnS and their Nano-Schottky diodes	Crystal Growth & Design	2016	<a href="https://pubs.acs.org/doi/abs/10.1021/acs.cgd.6b00969">https://pubs.acs.org/doi/abs/10.1021/acs.cgd.6b00969</a>
5	Studies on cadmium and zinc based semiconducting materials and their applications	Shodhganga@ INFLIBNET	2018	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:Y0pCki6q_DkC">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:Y0pCki6q_DkC</a>
6	Ultrasonics in the field of conducting polymers: A Review	International Symposium on Ultrasonics	2015	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:u-x6o8ySG0sC">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:u-x6o8ySG0sC</a>

7	The Effect Ultrasonication on CdS Thin Films Deposited By Using Ultrasonic Chemical Bath Deposition (UCBD) and (CBD) Chemical Bath Deposition	International Journal of Science and Research (IJSR)	2015	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:2osOgNQ5qMEC">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:2osOgNQ5qMEC</a>
8	Investigation of Comparative Behavior of some Thermoacoustical Parameters of Binary Mixtures of Methanol, Cyclohexanol and Cyclohexane	International Journal of Science and Research (IJSR)	2015	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:qjMakFHDy7sC">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:qjMakFHDy7sC</a>
9	<a href="#">Synthesis and characterization of ZnS thin films deposited by CBD and UCBD techniques</a>	(AIP) American Institute of Physics	2013	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:d1gkVwhDpl0C">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=rCuv-A4AAAAJ&amp;citation_for_view=rCuv-A4AAAAJ:d1gkVwhDpl0C</a>

**Conferences/Workshop /FIP/ Refresher course Work/ Webinar**

<b>Sr. No</b>	<b>Conference Attended</b>	<b>Organizer</b>	<b>Organizer</b>	<b>State/National/ international</b>	<b>Duration</b>
1.	Sant Gadge baba Amravati University “Snehanubandh Abhiyan “	Workshop on Sant Gadge baba Amravati University “Snehanubandh Abhiyan	Sant Gadge baba Amravati University “Snehanubandh Abhiyan “	National	2 Day Workshop
2.	Sant Gadge baba Amravati University , Student Development Cell, Student Counseling Session “	Workshop on Sant Gadge baba Amravati University , Student Development Cell, Student Counseling Session “	Sant Gadge baba Amravati University , Student Development Cell, Student Counseling Session “	National	10-Day Workshop
3.	Faculty Induction Programme Jabalpur University	Faculty Induction Programme Jabalpur University	Faculty Induction Programme Jabalpur University	National	1 month FIP Programme
4.	Faculty Induction Programme Webinar	Faculty Induction Programme Webinar	Faculty Induction Programme Webinar	National	5 Days Webinar
5.	Sant Gadge baba Amravati University , NSS programme Officer	Workshop on Sant Gadge baba Amravati University ,NSS programme	Sant Gadge baba Amravati University , NSS programme Officer	National	2 Day workshop

		Officer			
6.	MHRD , Department of Higher Education , Mahatma Gandhi National council rural education	Workshop on MHRD , Department of Higher Education , Mahatma Gandhi National council rural education	MHRD , Department of Higher Education , Mahatma Gandhi National council rural education	National	Online workshop
7.	NAAC awareness certificate. G.S. Khamgaon College	Workshop on NAAC awareness certificate. G.S. Khamgaon College	NAAC awareness certificate. G.S. Khamgaon College	National	Workshop
8.	Matrial Project IIT Bombay Spoken English course work	FDP on Matrial Project IIT Bombay Spoken English course work	Matrial Project IIT Bombay Spoken English course work	National	20 Days programme
9.	NCIRST national E-conference	Confernce on NCIRST national E-conference	NCIRST national E-conference	National	National Conference
10.	ACS Guide Scholarly Communication International journal	WeibinarACS Guide Scholarly Communication International journal	ACS Guide Scholarly Communication International journal	International	Programme

11.	International Conference E-certificate Nagpur University	International Conference E-certificate Nagpur University	International Conference E- certificate Nagpur University	National	International conference
12.	Solid state Physics national workshop, Shirur, Pune	Conference on Solid state Physics national workshop, Shirur, Pune	Solid state Physics national workshop, Shirur, Pune	National	workshop