

Sr. No	Title of Paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list
1	Growth, structural, morphological, opto-electrical and first-principle investigations of ZnMgS thin films	<b>A. S. Dive</b> , J. S. Kounsalye & R. Sharma	Physics	J. Mater. Sci.: Mater. Electron.	2022	1573-482X	<a href="https://doi.org/10.1007/s10854-022-08729-1">https://doi.org/10.1007/s10854-022-08729-1</a>	NIL	Yes
2	Low-concentration ammonia gas sensing using polyaniline nanofiber thin film grown by rapid polymerization technique	D. S. Upadhye, <b>A. S. Dive</b> , R.B. Birajadar, S. B. Bagul, K. P. Gattu & R. Sharma	Physics	J. Mater. Sci.: Mater. Electron.	2022	1573-482X	<a href="https://doi.org/10.1007/s10854-022-09069-w">https://doi.org/10.1007/s10854-022-09069-w</a>	NIL	Yes
3	Enhanced photosensing by Mg-doped ZnO hexagonal rods via a feasible chemical route	V.V. Kutwade, K.P. Gattu, <b>A.S. Dive</b> , M.E. Sonawane, D.A. Tonpe, R. Sharma	Physics	J. Mater. Sci.: Mater. Electron.	2021	1573-482X	<a href="https://doi.org/10.1007/s10854-021-05364-0">https://doi.org/10.1007/s10854-021-05364-0</a>	NIL	Yes
4	Studies Of Properties Of Multifunctional Zno Thin Films For Solar Cells	<b>S.S. Kawar</b> , V. S. Kalyamwar, D. R. Bijwe	Physics	Journal of Emerging Technologies and Innovative Research	2022	2349-5162	<a href="https://www.jetir.org">https://www.jetir.org</a>	<a href="https://jetir.org/jetir%20ugc%20approval.pdf">https://jetir.org/jetir%20ugc%20approval.pdf</a>	UGC J. No. 63975 DOI No.: <a href="https://doi.org/10.6084/m9.jetir.JETIR.2203364">https://doi.org/10.6084/m9.jetir.JETIR.2203364</a>
5	Synthesis and Characteristics of CuO Doped Polyaniline Nano Composites	D. R. Bijwe, P. S. Deole, <b>S. S. Kawar</b>	Physics	International Journal of Scientific Research in	2021	2395-6011	<a href="http://www.ijrst.com">www.ijrst.com</a>	<a href="https://ijrst.com/IJSRST218100122">https://ijrst.com/IJSRST218100122</a>	NIL

				Science and Technology					
6	Zn <sub>2</sub> SnO <sub>4</sub> Modified ZnO Thick Film Resistors as LPG Sensor	V.S. Kalyamwar, <b>S. S. Kawar</b>	Physics	International Journal for Research in Applied Science & Engineering Technology	2021	2321-9653	<a href="https://www.ijraset.com">https://www.ijraset.com</a>	<a href="https://doi.org/10.22214/ijraset.2021.32980">https://doi.org/10.22214/ijraset.2021.32980</a>	NIL
7	Synthesis and Characterization of Nanocrystalline Spinel Magnesium Ferrite Prepared by Sol-Gel Method	<b>T. R. Tatte</b> , S. V. Agnihotri	Physics	Journal of Emerging Technologies and Innovative Research	2022	ISSN - 2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="https://www.jetir.org/papers/JETIR2205116.pdf">https://www.jetir.org/papers/JETIR2205116.pdf</a>	
8	Effect of Cd/S ratio on growth and physical properties of CdS thin films for photosensor application	I.M.S. Mohammed, G.M.M. Gubari, N.P. Huse, <b>A.S. Dive</b> , S.-H. Han, R. Sharma	Physics	J. Mater. Sci.: Mater. Electron.	2020	1573-482X	<a href="https://doi.org/10.1007/s10854-020-03543-z">https://doi.org/10.1007/s10854-020-03543-z</a>	NIL	Yes
9	Preparation and Properties of Nanocrystalline Zinc Oxide Thin Films	<b>S. S. Kawar</b>	Physics	International Journal of Trend in Scientific Research and Development (IJTSRD)	2020	2456 – 6470	<a href="https://www.ijtsrd.com">https://www.ijtsrd.com</a>	<a href="https://www.ijtsrd.com/papers/ijtsrd31623.pdf">https://www.ijtsrd.com/papers/ijtsrd31623.pdf</a>	NIL
10	High Gas Sensor Performance of Spinel-Type Zn <sub>0.7</sub> Mg <sub>0.3</sub> Co <sub>2</sub> O <sub>4</sub>	<b>T. R. Tatte</b> , V. D. Kapse	Physics	International Journal of	2021	ISSN NO:2395-	<a href="https://ijsrst.com/">https://ijsrst.com/</a>	<a href="https://www.ijrst.com/IJSRST218100121">https://www.ijrst.com/IJSRST218100121</a>	NIL

	Nanoparticles Prepared by Sol-Gel Method			Scientific Research in Science and technology		602X			
11	Nanostructured spinel Mg <sub>0.7</sub> Zn <sub>0.3</sub> Fe <sub>2</sub> O <sub>4</sub> Thick film for ammonia sensing	<b>T. R. Tatte</b> , V. D. Kapse	Physics	The international Journal of Analytical and experimental modal analysis	2020	ISSN NO:0 886-9367	<a href="http://www.ijaema.com/">http://www.ijaema.com/</a>	<a href="http://ijaema.com/gallery/68-ijaema-april-3747.pdf">http://ijaema.com/gallery/68-ijaema-april-3747.pdf</a>	NIL
12	CuO Modified ZnO Thick Film Resistors as H <sub>2</sub> S Gas Sensors	V.S. Kalyamwar <b>S S Kavar</b> , S. V. Potdar, F. C. Raghuwanshi	Physics	Research Journey	2019	2348-7143	<a href="https://www.researchjourney.net">https://www.researchjourney.net</a>	<a href="https://drive.google.com/file/d/1e_TNntljkyYUo-KfCJ83TJV9LomzCocy/view?usp=sharing">https://drive.google.com/file/d/1e_TNntljkyYUo-KfCJ83TJV9LomzCocy/view?usp=sharing</a>	Indexed & Referred IF: 6.261 UGC Approved
13	Effect of Deposition Rate on The Structural and optical Properties of Copper Sulphide Thin Films	<b>S S Kavar</b> , V.S. Kalyamwar, S. V. Potdar	Physics	Research Journey	2019	2348-7143	<a href="https://www.researchjourney.net">https://www.researchjourney.net</a>	<a href="https://drive.google.com/file/d/1e_TNntljkyYUo-KfCJ83TJV9LomzCocy/view?usp=sharing">https://drive.google.com/file/d/1e_TNntljkyYUo-KfCJ83TJV9LomzCocy/view?usp=sharing</a>	Indexed & Referred IF: 6.261 UGC Approved
14	Optimization of Nanocrystalline Cadmium Sulphide (CdS) Thin Films for Solar Cells	<b>S S Kavar</b> , V.S. Kalyamwar, S. V. Potdar	Physics	International Journal for Research in Applied Science & Engineering	2018	2321-9653	<a href="https://www.ijraset.com">https://www.ijraset.com</a>	<a href="https://www.ijraset.com/files/serve.php?FID=16500">https://www.ijraset.com/files/serve.php?FID=16500</a>	Indexed Copernicus IF: 6.88 DOI No.: 10.22214/ijraset.2018.4598

				Technolog y (IJRASET)					
15	Synthesis & Characterization of Nanocrystalline Zinc Oxide Thin films for Optoelectronic Applications	K.K. Hurde , A.B. Lad , <b>S.S. Kavar</b> , B.H. Pawar	Physics	International Journal of Material Science	2017	0973-4589	<a href="https://www.ripublication.com/ijoms">https://www.ripublication.com/ijoms</a>	<a href="https://www.ripublication.com/ijoms17/ijomsv12n1_02.pdf">https://www.ripublication.com/ijoms17/ijomsv12n1_02.pdf</a>	Indexed Copernicus