



Dayanand Science College, Latur

Student Research Publications for 2023 – 2024

Name of Department	Name of Students	Title of paper	Name of Journal	ISSN No.	Web link if available
Physics	Ms. S. D. Lokhande	Optical and ammonia sensing properties of Mn doped ZnO nanostructured films for gas sensors application	Emergent Materials	2522-574X	https://link.springer.com/article/10.1007/s42247-024-00769-z
Physics	Ms. S. D. Lokhande	Highly sensitive and selective room temperature acetone sensing properties of Co doped ZnO nanostructure films	Journal of Materials Science: Materials in Electronics	1573-482X	https://link.springer.com/article/10.1007/s10854-024-12912-x
Physics	Ms. S. D. Lokhande	A study on room temperature acetone sensing ability of Zn1-xNi _x O thin films and probing their properties for progressive sensor technology	Applied Physics A	1432-0630	https://link.springer.com/article/10.1007/s00339-023-07031-z
Industrial chemistry	Mr. A.L. More	2-Amino-1,3,4-Thiazole As An Antimicrobial Scaffold Synthesis And Spectroscopic Characterization Of Some Novel 2-Amino-1,3,4-Thiazole	Journal of Xidian University	1001-2400	org/10.37896/jxu17.10/013

Biotechnology	Ms. Nishat Shaikh	Biogenic Fabrication of Silver Nanoparticles Using Calotropis procera Flower Extract with Enhanced Biomimetics Attributes	Materials	1996-1944	
Biotechnology	Ms. Aboli Shendarkar	The Effect of Vermicompost, Cocopeat, Sand and Soil to Enhance Productivity of Vegetables.	Research Journal of Agricultural Sciences	0976-1675	


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