

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF PHYSICS

JOURNAL PUBLICATION BY FACULTY ANNEXURE I

S.No.	Name of the Faculty & Designation	Co-authors	Title of the Paper	Name of the Journal	ISSN	Annexure I S.No.	Name of the Publisher	Volume, Issue, Page No., Year
1.	K. Sivakumar <i>Professor</i>	V. Senthil Kumar, N. Muthukumarasamy, M. Thambidurai & T. S. Senthil	Influence of pH on ZnO nanocrystalline thin films prepared by sol–gel dip coating method	Bulletin Of Materials Science	0250-4707	1702	Springer	Vol. 35, No. 3, pp. 327–331, 2012
2.	K. Sivakumar <i>Professor</i>	V. Senthil Kumar, Yuvaraj Haldorai	Zinc oxide nanoparticles reinforced conducting poly(aniline-co-pphenylenediamine) nanocomposite	Composite Interfaces	0927-6440	2386	Taylor & Francis Ltd	Vol. 19, No. 6, pp. 397-409, 2012
3.	K. Sivakumar <i>Professor</i>	V. Senthil Kumar, Jae-Jin Shim, Yuvaraj Haldorai	Conducting Copolymer/ZnO Nanocomposite: Synthesis, Characterization, and Its Photocatalytic Activity for the Removal of Pollutants	Synthesis And Reactivity In Inorganic Metal-Organic And Nano-Metal Chemistry	1553-3174	10477	Taylor & Francis Inc	Vol. 44, No. 10, pp. 1414–1420, 2014
4.	K. Sivakumar <i>Professor</i>	V. Senthil Kumar, Jae-Jin Shim, Yuvaraj Haldorai	Poly(aniline-co-o-toluidine) Encapsulated Zinc Oxide Nanocomposite: Preparation, Characterization, and Photocatalytic Reduction of Cr(VI)	Synthesis And Reactivity In Inorganic Metal-Organic And Nano-Metal Chemistry	1553-3174	10477	Taylor & Francis Inc	Vol. 45, No. 5, pp. 660–666, 2015.
5.	S. Balamurali <i>Associate Professor</i>	S. Saravanakumar · R. Chandramohan · P. N. Magudeswaran	SILAR Technique–Grown Mn-doped ZnO Thin Films	Brazilian Journal of Physics	1678-4448	1614	Springer	Vol. (0123456789)13

6.	S. Balamurali <i>Associate Professor</i>	rathinam chandramohan,marim uthu karunakaran, thayan mahalingam,padmana ban parameswaran, nagamani suryamurthy, and arcod anandhakrishnan sukumar	Morphological Variations of Mn-Doped ZnO Dilute Magnetic Semiconductors Thin Films Grown by Succesive Ionic Layer by Adsorption Reaction Method	Microscopy Research And Technique	1097-0029	8037	Wiley Analytical Science	76:751– 755,2013
7.	S. Balamurali <i>Associate Professor</i>	R. Chandramohan N. Suriyamurthy P. Parameswaran M. Karunakaran V. Dhanasekaran T. Mahalingam	Optical and magnetic properties of Mn doped ZnO thin films grown by SILAR method	J Mater Sci: Mater Electron	1573-482X	6565	Springer	24 (6), 1782- 1787,2013
8.	Seifunnisha. O <i>Assistant Professor</i>	R.Swathi, J.Shanthi	Non-wettable antibacterial thin film: PS/Aloevera and PS/Acalypha indica	Polymers and Polymer Composites	0967-3911	9177	Sage	29, 9S & S622- S630, 2021
9.	Seifunnisha. O <i>Assistant Professor</i>	J.Shanthi	Influence of Aloe vera and PEG on the evaluation of photocatalytic degradation of MG dye under UV light and visible light irradiation of ZnO nanomaterials	Optik	0036-4026	8670	Elsevier	248, 168064 (1-13), 2021