


## FACULTY PROFILE

Name	:	Dr. N. Siva Jyothi	
Designation	:	Assistant Professor	
Department	:	Physics	
Educational Qualification	:	M.Sc., M.Phil., Ph.D.,	
Experience	:	10 years	
Subject of Interest	:	Thin film and Nanotechnology	
Publications	:	<ol style="list-style-type: none"> <li>1. <b>N. Siva Jyothi</b>, K. Ravichandran, Optimum pH for effective dye degradation: Mo, Mn, Co and Cu doped ZnO photocatalysts in thin film form, <i>Ceramics International</i> 46 (2020) 23289–23292, <b>Impact factor: 5.532</b></li> <li>2. K. Ravichandran, <b>N. Siva Jyothi</b>, K. Thirumurugan, N. Chidambaram, N. Dineshbabu R. Shalini, Synergistic effect of La+Mo addition and optimum pH on the photocatalytic dye decomposition efficiency of spray pyrolyzed ZnO thin films, <i>Ceramics International</i>, 48 (2022), 21209-21220, <b>Impact factor: 5.532</b></li> <li>3. K. Ravichandran, <b>N. Siva Jyothi</b>, K. Thirumurugan, S. Suvathi, N. Chidambaram, R. Uma, B. Sundaresan, Influence of Mo+F incorporation and point of zero charge on the dye degradation efficacy of ZnO thin films, <i>Chemical physics</i> 564 (2023) 111714, Impact factor: 2.552</li> <li>4. K. Ravichandran, <b>N. Siva Jyothi</b>, R.Rathi, N. Dineshbabu R. Shalini, A. Viji, K. Neethidevan, Intermediate electron trap levels generation and enhanced carrier concentration by strontium and molybdenum co-doping: an effective approach for dye degradation, <i>Journal of material science: material in electronics</i> (2023) 34:5. Impact factor: 2.779</li> </ol>	
Award and Achievement	:	Nil	
Google Scholar link	:	Nil	
Conference/FDP/Seminars/attended	:	15	
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