

**S.A.ENGINEERING COLLEGE, CHENNAI – 77**  
 (An Autonomous Institution, Affiliated to Anna University)  
**DEPARTMENT OF HUMANITIES AND SCIENCE**

**DETAILS OF PUBLICATIONS OF FACULTY**  
**ACADEMIC YEAR 2020 – 21**

S.NO	NAME OF THE FACULTY	PAPERS PUBLISHED			
		Title of the paper	Name of the Journal/Conference with vol no, issue no, page no and impact factor.	Date of publication/presentation	DOI and Annexure details(refer Annexure details of Anna University, Chennai)
1.	R. Hariharasuthan	Growth of diethyl 3,3 0 -[(2,4-dichlorophenyl)methylidene] bis (1H-indole-2-carboxylate)-(D32DMBC) organic NLO single crystal and its optical, thermal, mechanical, dielectric and computational studies	J Mater Sci: Mater Electron	October 2020	<a href="https://doi.org/10.1007/s10854-020-04594-y">https://doi.org/10.1007/s10854-020-04594-y</a>
2.	R. Hariharasuthan	Growth and XRD, Elemental, Mechanical, Dielectric, Optical and Photoconductivity, and Surface Morphological Characterizations of 2- [4- (Trifluoromethyl)enyl]- 1H- benzimidazole (TFMPHB) Crystals for Electronic, Mechanical Applications	Brazilian Journal of Physics (2021) 51:339–350	March 2021	<a href="https://doi.org/10.1007/s13538-021-00883-x">https://doi.org/10.1007/s13538-021-00883-x</a>
3.	R. Hariharasuthan	XRD, CHNSO, fluorescence, filter-influx, NLO, photoconductivity, hardness and helical spring- fabricated device stress analysis of 2 0 -chloro-4- methoxy-3-nitrobenzil (CMNB) crystal of different scalings for opto-electronic filter and band gap engineering utilities	J Mater Sci: Mater Electron (2021) 32:10049–10057	March 2021	<a href="https://doi.org/10.1007/s10854-021-05663-6">https://doi.org/10.1007/s10854-021-05663-6</a>
4.	Dr. V. Madhusudanan	Dynamics of epidemic computer virus spreading model with delays	Wireless Personal Communications Volume :115 Page number: 2047-2061	August 2020	

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5.	Dr. V. Madhusudanan	Influence of clamor on the transmission of worms in remote sensor network	Wireless Personal Communications Volume :118 Page number: 461–473	January 2021	
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