

**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 2022 – 23**

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.	Dr. V. Madhusudanan	Dynamic analysis of the e-SITR model for remote wireless sensor networks with noise and sokol Howell functional response	Results in Physics	June 2022	<a href="https://doi.org/10.1016/j.rinp.2022.105643">https://doi.org/10.1016/j.rinp.2022.105643</a> SCIE
2.	Dr. V. Madhusudanan	Fuzzy Analysis of SVIRS Disease System with Holling Type-II saturated Incidence Rate and Saturated treatment	Hindawi Mathematical problems in Engineering	Aug 2022	<a href="https://doi.org/10.1155/2022/1330875">https://doi.org/10.1155/2022/1330875</a> /SCIE
3.	Dr. V. Madhusudanan	An epidemic patch-enabled delayed model for virus propagation: Towards evaluating bifurcation and white noise	Hindawi Mathematical problems in Engineering	August 2022	<a href="https://doi.org/10.1155/2022/3763858">https://doi.org/10.1155/2022/3763858</a> /SCIEs
4.	R. Raja	Investigation of optical, thermal and mechanical studies on semi organic nonlinear optical diaquabis(L-lactato)magnesium (DLLM) single crystal for optoelectronic devices applications	Journal of Mat.Science: Materials in Electronics	August 2022	Doi.org/10.007/s10854-022-08821-6
5.	A. Chandravadhana	Influence of L-Alanine doping on Zinc (TRIS) Thioureasulphate Single crystals	Optical and Quantum electronics	September 2022	<a href="https://doi.org/10.1007/s11082-022-04130-8">https://doi.org/10.1007/s11082-022-04130-8</a>
7.	Dr S Sangeethapriya	Literature Review on English as a Second Language in a Multicultural Classroom	Journal of Positive School Psychology	September 2022	2022, Vol. 6, No. 8, 766-772

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8.	R. Hariharasuthan	Characterization of NiFe <sub>2</sub> O <sub>4</sub> nanoparticles with very low magnetic saturation synthesized via co-precipitation method	Applied Physics A Material Science & Processing	October 2022	<a href="https://doi.org/10.1007/s00339-022-06163-y">https://doi.org/10.1007/s00339-022-06163-y</a>
9.	S. Selvi	An investigation on thermo-mechanical characterization of activated carbon/coconut shell powder reinforced natural composites	Sage Journals/Journal of Process Mechanical Engineering	October 2022	<a href="https://doi.org/10.1177/09544089221132721">https://doi.org/10.1177/09544089221132721</a>
10.	Dr V.Madhusudanan	Spatial deployment and performance of diffusion coefficients of two preys and one predator ecological system	Chaos, Solitons and Fractals	Nov 2022	Annexure I /SCIE
11.	Dr V.Madhusudanan	Fuzzy Analysis of Artificial Drug Transmission Model with optimal control	Mathematical problems in Engineering	Nov 2022	<a href="https://doi.org/10.3390/fractalfract7010010">https://doi.org/10.3390/fractalfract7010010</a>
12.	Dr. R. Ganesan	Influence of halogen substitution in double perovskite Rb <sub>2</sub> Sn(Br <sub>0.75</sub> I <sub>0.25</sub> ) <sub>6</sub> on the photocatalytic degradation of methylene blue dye under visible light irradiation	J Mater Sci: Mater Electron (2023) 34:	Nov 2022	<a href="https://doi.org/10.1007/s10854-022-09533-7">https://doi.org/10.1007/s10854-022-09533-7</a>
13.	Dr G.S.Gayathri	Phytochemical and Therapeutic Efficiency Review of Malus Domestica	YMER Vol. 21 issue 11 P.No. 397 – 406	Nov 2022	ISSN: 0044-0477 / Scopus
14.	S. Jayachitra	Phytochemical and Pharmacological Property Review of Musa Paradisiaca	YMER Vol.No. 21 Issue-11, P.No. 153 – 166	November 2022	Doi: 10.37896/YMER 21.11/14
15.	V.O. Sangeetha	Novel therapeutic activity & its chemical constituents of Alocasia Species – A Review	YMER, Vol.No. 21 Issue 10, P.No. 634-642	Nov 2022	10.37896/YMER 21.10/55
16.	Dr S Sangeethapriya	Literary Analysis Of Dr.A.P.J.Abdul Kalam's Wings Of Fire	Journal of pharmaceutical negative results	December 2022	<a href="https://doi.org/10.47750/pnr.2022.13.S07.578">https://doi.org/10.47750/pnr.2022.13.S07.578</a>
17.	Dr. R.Raja	Investigations on the synthesis and growth and structural, spectral, optical, mechanical and thermal properties of non-linear	Journal Of Ovonic Research	Jan 2023	Vol.19, N0.1 Jan-Feb 2023, 43-52

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		optical single crystals of Bis-L Seriniumoxalate Dihydrate (BLSOD)			
18.	Dr. S Sangeethapriya,	Natural Language Possibilities (NLP) influence Neuro-linguistic Programming (NLP) of Humans for Enhance Language Development Learning	Journal of Psychology English	Jan 2023	<a href="https://doi.org/10.5281/zenodo.7538760">https://doi.org/10.5281/zenodo.7538760</a>
19.	Dr. R.Kumutha	Synthesis, Quantum computational Analysis and Molecular Docking of 3- ( 2-Hydroxyphenyl)-1-Phenyl Propane: A combined experimental and theoretical analysis	Polycyclic aromatic compounds	Jan 2023	<a href="https://doi.org/10.1080/10406638.2022.2157025">https://doi.org/10.1080/10406638.2022.2157025</a>
20.	Dr. R. Hariharasuthan	Electronic, nano-dielectric, mass and fluorescence spectral characterizations of 2-amino 4-methyl pyridinium fumarate novel crystals for use in opto- electronics and electronic displays	J Mater Sci: Mater Electron	March 2023	<a href="https://doi.org/10.1007/s10854-023-10158-7">https://doi.org/10.1007/s10854-023-10158-7</a>
21.	Dr. V Madhusudanan	Analysis of Delay-Aware Worm Propagation Model in Wireless IoT Systems with Ratio-Dependent Functional Response	IEEE Xplore	March 2023	<b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2023.3264978">10.1109/ACCESS.2023.3264978</a>
22.	Dr. V Madhusudanan,	Effect of Delay in SMS Worm Propagation in Mobile Network with Saturated Incidence Rate	Wireless Personal Communications	April 2023	<a href="https://doi.org/10.1007/s11277-023-10451-y">https://doi.org/10.1007/s11277-023-10451-y</a>
23.	Dr. R. Hariharasuthan	Characterizations of AMPF Micro-Crystals for Photonic, Dielectric, Nano-Influx and Anti-diabetic Relevances	ACTA PHYSICA POLONICA A	April 2023	<a href="https://doi.org/10.12693/APhysPolA.143.309">10.12693/APhysPolA.143.309</a>