

Dept. of Physics, SCSVMV - Students publication

S.No	Name of the Student(s)	Title	Journal Name, Volume, Issue, Page No	Year	Indexing
1	B. Kavitha (M.Phil)	Thermodynamic Studies on Biocompatible Polymer	Advanced Science Letters, Volume 22(11), pp 3948-3950	2016	SCOPUS
2	M. Velmurugan (M.Phil)	Heavy Metal Analysis on Road Side Sediments Using Atomic Absorption Spectroscopy (AAS) Technique	International Journal of Technical Research and Applications, Special Issue 37, pp 69-74	2016	Google scholar
3	D. Palani & Vijayakumar (M.Phil)	FTIR Analysis on Atmospheric Dust Particles in Cheyyar Town, Tamilnadu, India	International Journal of Technical Research and Applications, Special Issue 37, pp 75-77	2016	Google scholar
4	M.Mathiyalagan (M.Phil) & P. Kurinjinathan (M.Sc)	The Characterization of an Organic Single Crystal- Glycine Doped Congored Dye	International Journal of Technical Research and Applications, Special Issue 38, pp 32-34	2016	Google scholar
5	S.Saravanan (M.Phil) & P.Kurinjinathan (M.Sc)	Studies of the Crystal Growth and Characterization of KDP Doped Crystals	International Journal of Technical Research and Applications, Special Issue 38, pp 5-8	2016	Google scholar
6	Varsha Singh (M.Sc)	Vibrational assignment, NBO analysis and molecular docking studies of Butyrophenone by Density functional theory	International Journal of ChemTech Research, Vol 10(2), pp 903-916	2016	Google scholar
7	K. Kasthuri (M.Phil) & A.Usharani (M.Sc)	Mathematical and Experimental Analysis of Ultrasound Velocity and Refractive Index in Binary Mixtures of Pharmaceutically Important Polymer - PEG 600	Springer Proceedings in Physics, Vol. 189, pp 709-722	2017	SCOPUS
8	K. Kasthuri (M.Phil) & A.Usharani (M.Sc)	Thermal and Rheological Studies of Aqueous Solutions of PEG 400 and PEG 1500 Having Pharmaceutical Applications	Springer Proceedings in Physics, Vol. 189, pp 723-730	2017	SCOPUS
9	B. Sathish kumar (M.Phil)	A Study on Molecular Interaction and Excess Parameter Analysis of Polyethylene Glycol	International Journal of Materials Science, Vol 12(2), pp 137-145	2017	Google scholar
10	S.Sarala (M.Phil)	Spectroscopic and acoustic studies on synthesized nanoTiO ₂ -PEG complex	International Journal of Materials Science, Vol 12(2), pp 358-365	2017	Google scholar
11	R. Amaresan (M.Phil)	Acoustic and Molecular Interaction Studies of PEG 200 in Benzene	International Journal of Materials Science, Vol 12(2), pp 123-130	2017	Google scholar
12	G. Sundari (M.Phil)	A Study on Comparative Analysis of Polypropylene Glycol	International Journal of current Research and Review, Vol. 9(10), pp 89-91	2017	Google scholar
13	S. Muniyasamy (M.Phil)	A Study on the Compatibility Nature of Polyblend [PEG/HEC] using Physical Methods	International Journal of Materials Science, Vol 12(2), pp 131-136	2017	Google scholar

14	A.Jeelani (M.Phil) & E.Dhamu (M.Sc)	Stability Studies on Silver Nanoparticles Synthesized by Green Method Using Phyllanthus Niruri and Solanum Nigrum Leaf Extracts	International Journal of Innovative Research in Advanced Engineering, Vol 4(9), pp 44-49	2017	Google scholar
15	A.Jeelani & S.Janarthanan (M.Phil)	Morphology Studies on Silver Nanoparticles Synthesized By Green Method Using Tridax Procumbens And Ocimum Tenuiflorum Leaf Extracts	International Journal of Innovative Research in Advanced Engineering, Vol 4(9), pp 50-54	2017	Google scholar
16	R. Gukanantham (M.Phil)	Optical, Mechanical And Thermal Properties Of Dye Doped Vanillin Single Crystal	International Journal of Materials Science, Vol 12(2), pp 175-184	2017	Google scholar
17	D.Vedhavalli (M.Phil) & P.Kurinjinathan (M.Sc)	Investigation On Mechanical, Dielectric and Thermal Properties Of Aluminium Ion Doped TGs Single Crystal	International Journal of Materials Science, Vol 12(2), pp 185-195	2017	Google scholar
18	P.Kurinji Nathan (M.Sc) & R. Kanimozhi (M.Sc)	Growth And Characterization Of KDP Doped Single Crystal	International Journal of Materials Science, Vol 12(2), pp 273-281	2017	Google scholar
19	D. Vedhavalli (M.Phil), P. Kurinji Nathan (M.Sc) & Shantanu Patra (M.Sc)	Growth and Characterization of Adipic Acid Doped Single Crystal	International Journal of current Research and Review, Vol. 9(10), pp 95-98	2017	Google scholar
20	M. Sadaiani (M.Phil) & Shantanu Patra (M.Sc)	Studies on Non-Linear Optical Single Crystal of Alizarine Doped Butylated Hydroxy Toluene (BHT)	International Journal of current Research and Review, Vol. 9(10), pp 99-103	2017	Google scholar
21	P. Kurinji Nathan (M.Sc), Shantanu Patra (M.Sc) & S. Durga Devi (M.Sc)	Optical, Mechanical and Thermal Studies on Nonlinear Optical single Crystal of Copper Chloroacetate (CCA)	International Journal of current Research and Review, Vol. 9(10), pp 104-107	2017	Google scholar
22	D. Vedhavalli (M.Phil)	Growth and characterization of nonlinear optical crystal – Semicarbazide Picrate	Journal of Molecular Structure, Volume 1147, pp 515-519	2017	SCI, SCOPUS & WoS
23	Elangovan (M.Phil)	Preparation And Characterization Study Of Cadmium Sulfide Doped Zinc Thin Films By Thermal Evaporation Technique	International Journal of Materials Science, Vol 12(2), pp 1-12	2017	Google scholar
24	U. Rathnavalli (M.Phil)	Effect of bath temperature on structural and optical properties of chemically deposited Bi ₂ S ₃ thin films	International Journal of Materials Science, Vol 12(2), pp 60-64	2017	Google scholar
25	R.Arumugam (M.Phil)	A Study on the Acoustic and Rheological Properties of Polystyrene in Different Solvents	International Journal of Current Research and Review, Vol. 10(21), pp 99-102	2018	Google scholar
26	Shammuganandam T. D (M.Phil)	Thermal and Acoustical Studies of CuO Nanofluids	International Journal of Current Research and Review, Vol. 10(21), pp 81-85	2018	Google scholar
27	A. Jeelani (M.Phil), S. Durgadevi (M.Sc), S. Abirami (M.Sc)	Effect of Concentration, pH and Time on the Morphology of Silver Nanoparticles Synthesized by Green Method using Phyllanthus Niruri and Solanum Nigrum Leaf Extracts	International Journal of Current Research and Review, Vol. 10(21), pp 25-29	2018	Google scholar

28	Divya (M.Sc)	Analysis of Highest Occupied and Lowest Unoccupied Molecular Orbitals on Harmaline	International Journal of Current Research and Review, Vol. 10(21), pp 32-35	2018	Google scholar
29	G. Kalaiarasi (M.Phil)	Vibrational and Spectroscopic Analysis on 2,3-Dimercapto-1-Propanol by HF and DFT Calculations	International Journal of Current Research and Review, Vol. 10(21), pp 94-98	2018	Google scholar
30	M.Thirunavukkarasu (M.Phil)	Vibrational assignments of α -acetyl - γ -butyrolactone by ab initio Hartree-Fock and Density Functional methods	International Journal of ChemTech Research, Vol.11(6), pp 145-159	2018	Google scholar
31	B. Hemalatha (M.Sc)	Structural and Morphological Study of Thermally Evaporated Gold Intermixed Silver Thin Films	International Journal of Scientific Research and Review, Vol.8, pp 84-88 DOI:16.10089.IJSRR.2018.V8I3.84235.3485	2019	Google Scholar
32	Sariha N (M.Phil)	Refractive index of Cadmium Oxide Thin films prepared by Chemical bath deposition method,	International Journal of Scientific Research and Review, Vol.8, pp 110-115. DOI:16.10089.IJSRR.2018.V8I3.84235.3483	2019	Google Scholar
33	P. Dhivya (M.Phil)	Acoustic, Rheological and Optical Properties of Binary Mixtures of Aqueous Solutions of PEG 200— A Comparative Analysis	Springer Proceedings in Materials, Vol. 7, pp 239-244	2020	SCOPUS
34	S Durgadevi (M.Phil)	Green Synthesis and Characterization of Nano Silver Doped Nano Hydroxyapatite (nAg-nHAP) using Ocimum Tenuiflorum Leaf Extract and Sea Shell - A New Approach	International Journal of Science and Research, Vol. 12(9), pp 1435-1441	2023	Google Scholar
35	B Sathya Jothi (B.Sc)	Carbon dot sensors for heavy metals from Pumpkin and Guava leaves through one step microwave green synthesis	Journal of Interdisciplinary Cycle Research, Vol. 15(IX), pp 172-186	2023	UGC Care