



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
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S.No	Paper	Journals	Name
4	Controllable synthesis of Graphene/ZnO-nanocomposite for novel switching	Journal of Alloys and Compounds	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury
5	Investigating the effect of Mn-doped CeO ₂ nanoparticles by coprecipitation method	Appl. Phys. A	D. Durai Manoharadoss Prabakaran, K. Sadaiyandi, M. Mahendran, Suresh Sagadevan,
6	Chemically stabilized reduced graphene oxide/zirconia nanocomposite: synthesis and characterization	Mater. Res. Express 4	Suresh Sagadevan, Zaira Zaman Chowdhury, Md Enamul Hoque and Jiban Podder,
7	A facile chemical route synthesis and characterization of CdSe/ZnO nanocomposite	J Mater Sci: Mater Electron	Isha Das, Suresh Sagadevan, Zaira Zaman Chowdhury, N. Vijayan,
8	Development, Optimization and Characterization of a Two Step Sol-Gel Synthesis Route for ZnO-SnO ₂ Nanocomposites,	J Mater Sci: Mater Electron,	Isha Das, Suresh Sagadevan, Zaira Zaman Chowdhury, Md Enamul Hoque,
9	Preparation and characterization of a bis thiourea sodium iodide(BTSI) A potential NLO crystal,	J Therm Anal Calorim,	A. Subashini, K. Rajarajan, Suresh Sagadevan, Preeti Singh, Jiban Podder,

10	Photocatalytic and antibacterial studies of indium-doped ZnO nanoparticles synthesized by co-precipitation technique	J Mater Sci: Mater Electron,	K. Pradeev Raj, K. Sadaiyandi, A. Kennedy, Suresh Sagadevan,
11	Scalable synthesis of CdS–Graphene nanocomposite spectroscopic characterizations,	J Mater Sci: Mater Electron	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury,
12	CBD progression of Ti-doped ZnO thin film spectroscopic characterizations	J Mater Sci: Mater Electron	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury and Jiban Podder,
13	Structural, optical and dielectric investigation of CdFe ₂ O ₄ nanoparticles	Materials Research Express,	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury and Md Enamul Hoque,
14	Synthesis and characterization of NiFe ₂ O ₄ , CoFe ₂ O ₄ and CuFe ₂ O ₄ thin films for anode material in Li-ion batteries	Nanomaterials and Nanotechnology	N Karthigayan, P Manimuthu, M Priya, and Suresh Sagadevan,
15	A Comparative Study on Lanthanum Oxide and Holmium Oxide Doped Borate Glasses	Glass Physics and Chemistry,	Deepa A V, Priya Murugasen, and Suresh Sagadevan
16	Preparation and Characterization of Nickel ferrite Nanoparticles via Co-precipitation Method, Materials Research	Materials Testing	Suresh Sagadevan, Zaira Zaman Chowdhury, Rahman F. Rafique,
17	Preparation and characterization of Kevlar/glass fiber laminates with a nanoclay enhanced epoxy matrix,	Materials Testing	C.Vivekanandhan, P.S.Sampath, Suresh Sagadevan,

18	Investigations on the linear, non-linear and optical studies of an efficient organobimetallic zinc cadmium thiocyanate nonlinear optical complex crystal,	J Mater Sci: Mater Electron,	S. Cynthia, Suresh Sagadevan , L. Mariappan,
19	Structural, dielectric and optical investigation of chemically synthesized Ag-doped ZnO nanoparticles composites	J Sol-Gel Sci Technol,	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury, Md. Enamul Hoque,
20	Fabrication of CuO nanoparticles for structural, optical and dielectric analysis using chemical precipitation method,	J Mater Sci: Mater Electron	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury
21	Hydrothermal synthesis of zinc stannate nanoparticles spectroscopic investigation	J Mater Sci: Mater Electron	Suresh Sagadevan, Jagpreet Singh, Kaushik Pal, Zaira Zaman Chowdhury, Md. Enamul Hoque,
22	A chemical synthesized Al-doped PbS nanoparticles hybrid composite for optical and electrical response,	J Mater Sci: Mater Electron	Suresh Sagadevan, Kaushik Pal, Zaira Zaman Chowdhury, Md. Enamul Hoque
23	A study of the structural, spectroscopic, and dielectric properties of La ₂ O ₃ doped borate glass	J Mater Sci: Mater Electron,	Deepa Shajan , Priya Murugasen , Suresh Sagadevan
24	A facile synthesis of TiO ₂ / SiO ₂ /CdS-nanocomposites 'optical and electrical' investigations	J Mater Sci: Mater Electron,	Suresh Sagadevan
25	Synthesis and characterization of TiO ₂ / graphene oxide Nanocomposite,	J Mater Sci: Mater Electron,	Suresh Sagadevan, Kaushik Pal, P. Koteeswari , A. Subashini,

26	Precipitation method and characterization of cobalt oxide Nanoparticles	Appl. Phys. A	D. Durai Manoharadoss Prabakaran, K. Sadaiyandi, M. Mahendran, Suresh Sagadevan,
27	Studies on Optical and Electrical Properties of Hafnium Oxide Nanoparticles	Journal of Electronic Materials	J.Venkatachalam, Suresh Sagadevan and S.Rajesh
28	Synthesis, Growth, Spectral, Optical and Thermal Studies of Thiourea Family Crystal: TTPB	Materials Research Express, 4	Akkalnaicker Subashini, K, Rajarajan and Sagadevan, Suresh,
29	In situ growth and physio-electrical characterization of bis-thiourea cadmium-iodide (BTCl) single crystal,	J Mater Sci: Mater Electron,	Preeti singh, Mohd. Magrub Abdullah, suresh sagadevan, saiqa Ikram,
30	Optical and electrical smart response of chemically stabilized graphene oxide	J Mater Sci: Mater Electron,	Suresh Sagadevan, Isha Das, Kaushik Pal, Priya Murugasen, Preeti Singh,
31	Synthesis and Characterization of Manganese Sulphide Thin Films by Chemical Bath Deposition Method	Acta Physica Polonica A	G. Geetha, P. Murugasen and S. Sagadevan,
32	Synthesis and Characterization of Non-Linear Optical Crystal of Manganese Mercury Thiocyanate Glycol Monomethyl Ether,	Materials Research,	Cynthia Sundararaj, Suresh Sagadevan,
33	Studies on Nanocrystalline Nickel Oxide Thin Films for Potential Applications	Materials Today: Proceedings	Suresh Sagadevan, S.Rajesh and Isha das,

34	Natural Green Inhibitors-Versatile Materials for Corrosion Inhibition of Steel Structures	Innovations in Corrosion and Materials Science,	Karuppasamy Pandian, S. Vivekananthan, D. John thiruvadigal and Suresh Sagadevan
35	Calibration and estimation of efficiency of Geiger Muller counter using a standard radioactive source	International Journal of Physical Sciences	Vidhya Sivasailanathan, Prabhat Kumar, Suresh Sagadevan,
36	Investigation of attenuation parameters for concrete shielding using simulations through iterative approach and measurement	Scientific Research and Essays	Vidhya Sivasailanathan, Prabhat Kumar, Suresh Sagadevan,
37	Studies on structural, optical and spectral properties of Europium oxide doped phosphate glasses	Optik - International Journal for Light and Electron Optics	Deepa Shajan , Priya Murugasen , Suresh Sagadevan,
38	Effect of Cloisite 30B nanoclay on the mechanical properties of HDPE nanocomposites	Materials Testing	N.Venkatesan, G.B.Bhaskar, S.Rajesh, K.Pazhanivel and Suresh Sagadevan
39	Optimization Of Composite Leaf Spring Design Using Response Surface Methodology	Romanian Journal of Materials	S.Rajesh, G.B.Bhaskar, R.Subash, K.Pazhanivel and Suresh Sagadevan,
40	A Study of Effect of Nanoclay on the Structural and Morphological Behavior of Epoxy Composites	Romanian Journal of Materials,	C.Vivekanandhan, P.S.Sampath, Suresh Sagadevan,
41	Chemical bath deposition (CBD) of zinc selenide (ZnSe) thin films and characterization,	Australian Journal of Mechanical Engineering	Suresh Sagadevan and Isha Das,

42	A Study of Optical, Surface morphological and Electrical Properties of Manganese Oxide Nanoparticles	J Mater Sci: Mater Electron	A.Vijayamari, K.Sadayandi, Suresh Sagadevan and Preeti Singh,
43	Investigations on Dielectric and Impedance Properties of M-type Hexaferrite,	J Mater Sci: Mater Electron	K. Alamelu Mangai, K. Tamizh Selvi, M. Priya, M. Rathnakumari, Suresh kumar, Suresh Sagadevan
44	Studies on Electrical Properties of MgO/ Pr ₆ O ₁₁ Nanocomposite	Nanomaterials and Nanotechnology,	Tamizh Selvi K; Alamelumangai K; Priya Murugasen ; Rathnakumari M; Suresh kumar P; Suresh Sagadevan
45	Synthesis of tungsten carbide nanoparticles by hydrothermal method and its Characterization	J Mater Sci: Mater Electron	Suresh Sagadevan, Isha Das, Preeti Singh, Jiban Podder
46	Synthesis of lead titanate nanoparticles via sol-gel technique and its characterization	J Mater Sci: Mater Electron	Suresh Sagadevan; Jiban Podder; Isha Das
47	Synthesis and characterization of CoWO ₄ nanoparticles via chemical precipitation technique	Journal of Materials Science: Materials in Electronics	Suresh Sagadevan; Jiban Podder; Isha Das
48	Hydrothermal Synthesis of Zirconium Oxide Nanoparticles and its Characterization	Journal of Materials Science: Materials in Electronics	Suresh Sagadevan; Jiban Podder; Isha Das,
49	Studies on Synthesis, Structural, Surface Morphological and Electrical properties of Pr ₆ O ₁₁ -MgO Nanocomposite,	Journal of Materials Science: Materials in Electronics	Tamizh Selvi K; Alamelumangai K; Priya Murugasen ; Rathnakumari M; Suresh kumar P; Suresh Sagadevan

50	Structural and optical absorption studies of cobalt substituted strontium ferrites, $\text{SrCo}_x\text{Fe}_{12-x}\text{O}_{19}$ (x = 0.1, 0.2 and 0.3)	J Mater Sci: Mater Electron	K. Alamelu Mangai, K. Tamizh Selvi, M. Priya, M. Rathnakumari, Suresh kumar, Suresh Sagadevan
51	Growth, Optical, Dielectric and Ferroelectric Properties of Non- Linear Optical Single Crystal: Glycine-Phthalic Acid	Journal of Electronic Materials,	Suresh Sagadevan,
52	Investigations on Synthesis, Structural, Surface Morphological, Optical and Thermal Properties of Copper Oxide Nanofluids	Thermal Sciences,	Suresh Sagadevan,
53	Optical and electrical studies of nonlinear optical crystal: Potassium boro-oxalate,	Optik - International Journal for Light and Electron Optics	Suresh Sagadevan,
54	Optical and electrical properties of chemical bath deposited Cobalt Sulphide thin films	Materials Research	G.Geetha, M.Priya and Suresh Sagadevan,
55	Synthesis and Characterization of Yttrium Stabilized Zirconia Nanoparticles	Materials Research	T. Maridurai, D.Balaji and Suresh Sagadevan,
56	Preparation and Characterization of the Structural, Optical, Spectroscopic and Electrical Properties of Pr_2O_3 doped Borate Glass	Materials Research,	Deepa Shajan, Priya Murugasen
57	Optical Properties of 4-Bromoanilinium 4-Methylbenzenesulfonate Crystal: A Third Order Nonlinear Optical Material	Materials Research,	Kumar, Rangasamy Mohan Kumar, Ramajayam Kanagadurai, Suresh Sagadevan,

58	Fourier Transform Infrared and Raman Spectral Analysis of Isothiocyanic Acid Phenyl Ester	Asian Journal of Materials Chemistry	P.Mani, S.Suresh
59	Performance of leaf springs made of composite material subjected to low velocity impact loading	Journal of Mechanical Science and Technology,	S.Rajesh, G.B.Baskhar, V.Palanivalraj and Suresh Sagadevan
60	Analysis on The Structural, Spectroscopic, and Dielectric Properties of Borate Glass,	Digest Journal of Nanomaterials and Biostructures	Deepa Shajan, Priya Murugasen, Suresh Sagadevan
61	Investigations on the Synthesis, Optical and Electrical Properties of TiO ₂ Thin Films by Chemical Bath Deposition (CBD) method	Materials Research	Geetha Govindasamy, Priya Murugasen, Suresh Sagadevan
62	Investigations on Preparation and Characterization of Certain Copolyesters	Materials Research,	Kalpna Jayachandran, Ravichandran Cingaram, Jaisankar Viswanathan, Suresh Sagadevan and Venkatachalam Jayaraman
63	Investigation on Structural, Surface Morphological and Dielectric Properties of Zn-doped SnO ₂ Nanoparticles	Materials Research,	Suresh Sagadevan; Jiban Podder
64	Structural, Optical, Morphological and Dielectric Properties of Cerium Oxide Nanoparticles	Materials Research,	Devadoss Durai Manoharadoss Prabakaran, Karuppasamy Sadaiyandi, Manickam Mahendran and Suresh Sagadevan
65	Synthesis and characterization of lead chalcogenide thin films,	Journal of Optoelectronics and Advanced Materials	Suresh Sagadevan

66	Synthesis, growth and characterization of nonlinear optical single crystal: glycine ammonium chloride,	Journal of Optoelectronics and Advanced Materials	N.Nithya, R. Mahalakshmi and Suresh Sagadevan
67	Influence of Samarium Oxide Ions on Structural and Optical Properties of Borate Glasses,	Scientific Research and Essays,	Deepa Shajan, Priya Murugasen, Suresh Sagadevan
68	Review of Nanostructures for Thermal Energy Applications,	Oxidation Communications	D.Balaji, Suresh Sagadevan,
69	Structural, Morphological, Optical, And Electrical Properties Of PbSe Thin Films Grown By Chemical Bath Deposition	Adv. Mater. Lett	Suresh Sagadevan,
70	Investigation On Growth and Characterization of Nonlinear Optical Dichloro-diglycine Zinc -II Single Crystal,	Iranian Journal of Materials Science & Engineering	N.Nithya, R.Mahalakshmi and Suresh Sagadevan,
71	Renewable Energy Scenario in Tamil Nadu,	Teri Information Digest on Energy and Environment(TIDEE)	D.Madan, M Rajendran, M Prabhakaran, K Anandan and Suresh Sagadevan
72	Analysis on the Growth and Characterization of a Non-linear Optical Single Crystal: L-Cystine Dihydrobromide	Materials Research.	Azeezaa Varsha Mohammed, Joseph Arul Pragasam Arulappan, Sunitha Thangaiya Ganesan, Suresh Sagadevan
73	Investigation of the structural, Optical and Electrical Properties of Copper Selenide Thin films	Materials Research	Soundarajan Thirumavalavan, Kolandavel Mani and Suresh Sagadevan

74	Studies on Structural, Optical and Electrical Properties of Cadmium Sulphide Thin films	Journal of Ovonic Research,	Soundarajan Thirumavalavan, Kolandavel Mani and Suresh Sagadevan
75	Optical and electrical properties of nanocrystalline SnO ₂ thin films synthesized by chemical bath deposition method,	Soft Nanoscience Letters	Suresh Sagadevan and Jiban Podder
76	Investigations on structural, optical, morphological and electrical properties of nickel oxide nanoparticles	International journal of Nanoparticles	Suresh Sagadevan and Jiban Podder
77	A Study of Preparation, Structural, Optical, and Thermal conductivity Properties of Zinc Oxide Nanofluids,	Journal of Nanomedicine & Nanotechnology	Suresh Sagadevan
78	Investigations on Microwave Assisted Synthesis and Characterization of Bi ₂ WO ₆ Nanoparticles,	Nano Hybrids	Suresh Sagadevan
79	Growth and Characterization of Nonlinear Optical Single Crystal: L-Cysteine hydrochloride monohydrate (LCB)	Acta Physica Polonica	V.Azeezaa, A. Joseph Arul Pragasam, T.G. Sunitha, Koteeswari Pandurangan and Suresh Sagadevan,
80	Investigation of The Optical and Electrical Properties of Tin Sulfide Thin Films,	Chalcogenide Letters	G.Geetha, M.Priya and S.Suresh,
81	Analysis of Structure, Surface Morphology, Optical and Electrical Properties of Copper Nanoparticles	Journal of Nanomedicine Research,	Suresh Sagadevan, P.Koteeswari,

82	Investigation of Structural, SEM, TEM and Dielectric Properties of BaTiO ₃ nanoparticles,	Journal of Nano- and Electronic Physics,	Suresh Sagadevan and Jiban Podder
83	Studies on Hall Effect and DC Conductivity Measurements of Semiconductor Thin films Prepared by Chemical Bath Deposition (CBD) method	Journal of Nano- and Electronic Physics,	S. Thirumavalavana, K. Mani, S. Suresh Sagadevan,
84	Synthesis, Structural, and Dielectric Characterization of Cadmium Oxide Nanoparticles,	Engineering and Technology ,International Journal of Chemical, Molecular, Nuclear, Materials and	Suresh Sagadevan, A. Veeralakshmi,
85	Experimental Investigation on Impact of Container Geometry on Efficiency of Non-Buoyancy Body Type Wave Energy Converter	Indian Journal of Science and Technology	D. Madan, M. Rajendran, A. Amarkarthik, M. Prabhakaran and Suresh Sagadevan,
86	A Study of Structural, Optical and Dielectric Properties of Eu ₂ O ₃ doped borate glass	International Journal of Physical Sciences	Priya Murugasen, Deepa Shajan and Suresh Sagadevan,
87	Investigations on the Mechanical and Electrical Properties of an L-Cysteine Nicotinamide Monohydrate Single Crystal	International Journal of Chemical Sciences,	V.Azeezaa , A. Joseph Arul Pragasam , T.G. Sunitha , and Suresh Sagadevan
88	Intelligent and Effective Prediction of Various Diseases Prognosticating Naïve Bayes Classifier,	International Journal of ChemTech Research	T. Hannah Rose Esther, G. Kannan, Suresh Sagadevan,
89	A Support Vector Machine Based Dynamic Clustering and Classification on Gene Expression Data,	International Journal of ChemTech Research	L.Sharmila, U.Sakthi and Suresh Sagadevan,