

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
<b>2013-2014</b>						
P. Anitha	Journal of environmental nanotechnology	Comprehensive review of preparation methodologies of nano Hydroxyapatite	Referred	3,1,101-121, 2014	10.13074/jent.2013 .12.132058	7.134
N. Dhachanamoorthis	Optik	Influence of annealing effects on polyaniline for good microstructural modification	Peer Reviewed	124, 238-242 2013	10.1016/j.ijleo.201 1.11.096	1.94
N. Dhachanamoorthis	Asian Journal of Chemistry	Influence and Effects of Novel Nanorod Structured Polypyrrole- Nickel(II) Oxide Nanocomposites	Peer Reviewed	25, 153-156, 2013	0970-7077	3.698
P.Sri Devi	Journal of nanoscience and nanotechnology	Structural and optical properties of Cerium doped zinc oxide thin films using spray pyrolysis	Referred	2, 1, 34-37, 2014	2279 – 0381	1.354
<b>2014-2015</b>						
P. Anitha	Nanotechnology Research and Practice	Synthesis, Characterization and antimicrobial activity of nano hydroxyapatite via a novel sol-gel method	Peer Reviewed	3, 3, 122-126, 2014	2312-7856 / 10.13187/ejnr.201 4.3.120	—
N. Dhachanamoorthis	International Journal of ChemTech Research	Synthesis of nano Al <sub>2</sub> O <sub>3</sub> – Poly(o- toluidine) Composites and Investigations on the Additive Influences in its Characters	Referred	7, 3, 1303-1308, 2013-2014	0974-4290	0.57
M.Jothi	Molecular Simulation	Probing the effect of electric field in 9,10-dimethoxy-2,6-bis(2- ptolyethynyl) anthracene molecular nanowire using quantum chemical and charge density analysis	Peer Reviewed	41,4, 315-324, 2015	doi.org/10.1080/08 927022.2013.8794 71	1.449
<b>2015-2016</b>						
P. Anitha	American Journal of Phytomedicine and clinical therapeutics	Influence of Manganese on the sythesis of nano Hydroxyapatite by wet chemical method for invitro applications	Peer Reviewed	3,04,394-402, 2015	2321-2748	1.15

<b>2016-2017</b>						
A.P.Sudha	Journal of Material Science Mater. Electron	Influence of trivalent(Bi, Sb) metal ions on the photosensitivity of doped Cu <sub>2</sub> Se Thin films	Scopus	28, 9, 6379-6387, 2016	10.1007/s10854-016-6322-3	2.019
N. Dhachanamoorathi	Mechanics, Materials Science & Engineering	Facile Preparation and Characterization of Polyaniline-iron Oxide Ternary Polymer Nanocomposites by Using "Mechanical Mixing" Approach	Peer Reviewed	273-280 , 2017	10.2412/mmse.41.37.672	—
A.P.Sudha	6 <sup>th</sup> National Seminar on Advances in Material Science	Synthesis and characterization of Cu <sub>2</sub> Se thin films with monovalent, divalent and trivalent cation via chemical bath deposition method	UGC Sponsored	136-138,2017	978-93-81402-40-5	—
A.P.Sudha	International Workshop on Advanced Functional Materials and Devices	Chemically deposited Cd <sup>2+</sup> doped Cu <sub>2</sub> Se thin films	UGC Sponsored	133-134,2017	978-93-81402-38-2	—
K.Sujatha	Nanotechnology Research and Practice	Synthesis, Characterization of Nano Tin Oxide via Co-precipitation Method	Peer Reviewed	3,Vol.(11) ,2016,	2312-7856	—
<b>2017-2018</b>						
C. Deepa	Journal of Environmental Nanotechnology	Facile Green Synthesis of Carbon Nanoparticles using Medicinally Murraya koenigii Shoots	Refereed	6 ,1, 01-04,2017	10.13074/jent.2017.03.171232	7.134
C. Deepa	Journal of Environmental Nanotechnology	A Novel Comparative Study of Chemical and Green Synthesis of Silver Nanoparticles	Refereed	6, 1, 23-26,2017	10.13074/jent.2017.03.171226	7.134
P.Sri Devi	Journal of Environmental Nanotechnology	Structural and Surface Morphological change in Incorporation of Magnesium on Synthesised Nano Hydroxyapatite	Refereed	6 ,1, 55-57 ,2017	10.13074/jent.2017.03.171227	7.134
P.Sri Devi	Journal of Environmental Nanotechnology	Efficient Zinc Oxide incorporation in Nano Hydroxyapatite by Sol-Gel Synthesis	Refereed	6 ,1, 10-12 , 2018	10.13074/jent.2017.03.171218	7.134
P.Sri Devi	International journal of Trend in research and development	Antibacterial investigation of Eco friendly green mediated sythesis of Cu nano particles using Occum Santhem (Tulsi) leaf extracts	Peer Reviewed	4,3, 288-290, 2017	2394-9333	4.396

R.Bhuvaneswari	The Journal of Physical Chemistry A	Theoretical investigation on the mechanism and kinetics of OH radical initiated reactions of Monochloro acetic acid	Peer Reviewed	121, 32, 6028-6035,2018	10.1021/acs.jpca.7b03760	2.836
P.Sri Devi	Journal for Advanced Research in Applied Sciences	Nonthermal Plasma treated synthesised pure and ZnO incorporated nano Hydroxyapatite	UGC	5,1, 440-444,2018	16.10089.JARAS.2018.V5I1.140146.2379	3.265
P.Sri Devi	International journal of scientific research in science and technology	Characterization of facile synthesized nano Hydroxyapatite treated by DC glow discharge plasma for different exposure time	Peer Reviewed	4,2, 1524-1527,2018	2395-6011,2018	5.327
A.P.Sudha	Applied physics A	Effect of Na doping on structural, optical and electrical properties of Cu <sub>2</sub> Se thinfilms prepared by chemical bath deposition method	Scopus	124, 164, 1-8	10.1007/s00339-018-1598-1	1.694
A.P.Sudha	Jordan journal of physics	Synthesis and characterization of monovalent, divalent and trivalent cation doping of Cu <sub>2</sub> Se thin film using chemical bath deposition method	Peer Reviewed	11,2, 125-130,2018	—	—
P.Sri Devi	International Journal of Scientific research & Development	Characterization of green mediated synthesis of Titanium di oxide nanoparticles using Vigna Radiata	Peer Reviewed	5,8,531-533,2017	2321-0613	4.396
K.Sujatha	International journal of Scientific research in science and technology	Preparation and Characterisation of Pure and Zn-doped SnO <sub>2</sub> Nanoparticles	Peer Reviewed	Volume 3   Issue 8  639-642,2017	2395-6011	5.327
<b>2018-2019</b>						
A.P.Sudha	International Journal of Research and Analytical reviews	Eco-friendly approach towards green synthesis of ZnO nanoparticles using Saccharum Officinarum leaf extract and its photocatalytic activity	UGC	5, 4, 284-295,2018	—	5.75
K.Sujatha	Materials Science & Engineering C	Fabrication and characterization of chicken feather keratin/polysaccharides blended polymer coated nonwoven dressing	Scopus	11-Jun-18	10.1016/j.msec.2018.06.020	4.959
P.Sri Devi	International journal of Scientific research in science and technology	Green Synthesis with antibacterial of Investigation Copper nanoparticles Azadirachta Indica(Neem) leaf extract	Peer Reviewed	4, 8, 697-701, June 2018	2395-6011	5.327

K.Sujatha	Nano -Structures & Nano-Objects	Photocatalytic Activity of Pure, Zn doped and Surfactants assisted Zn doped SnO2 nanoparticles for degradation of cationic dye	Scopus	18, March 2019, 100305-100315	10.1016/j.nanoso.2019.100305	2.8
A.P.Sudha	Nano -Structures & Nano-Objects	Photocatalytic Activity of Pure, Zn doped and Surfactants assisted Zn doped SnO2 nanoparticles for degradation of cationic dye	Scopus	18, March 2019, 100305-100315	10.1016/j.nanoso.2019.100305	2.8
<b>2019-2020</b>						
K.Sujatha	IET Nanobiotechnology	Influence of surfactants on structural,morphological, optical and antibacterial properties of SnO2 nanoparticles	Scopus	5th August 2019	1751-8741	1.925
A.P.Sudha	IET Nanobiotechnology	Influence of surfactants on structural,morphological, optical and antibacterial properties of SnO2 nanoparticles	Scopus	5th August 2019	1751-8741	1.925
K.Sujatha	Re- Use and Recycling of Materials Solid Waste Management and Water Treatment	A Critical Review on Wastewater Treatment Techniques for Reuse of Water in Industries	River publications(Scopus)	125-130	978-87-7022-058-3, 978-87-7022-057-6	
P. Sri Devi	Materials Today: Proceedings	Analysis of antibacterial activity and cytotoxicity of silver oxide doped of hydroxyapatite exposed to DC glow discharge plasma	Scopus	26, 2020, 3604–3608	10.1016/j.matpr.2019.09.204	-
N. Dhachanamoorthis	Journal of Engineering Sciences	Formation and Structural Investigation of Polypyrrole-Iron Oxide Polymer Nanocomposites	UGC	10 (11) 584-593, Nov 2019	0377-9254	6.54
N. Dhachanamoorthis	International Journal of Scientific & Technology Research	A Novel Hybrid Organic –Inorganic Cdo Doped Poly-O-Toluidine Polymer Nanocomposite For Gram Positive Anti-Microbial Activity	UGC Scopus	8 (12) 962-966, Dec 2019	2277-8616	4.4
N. Dhachanamoorthis	International Journal of Engineering Research & Technology (IJERT)	Synthesis and Characterization of Polypyrrole-Antimony (III) Oxide Hybrid Polymer Nanocomposites	UGC Scopus	8 (12) 924-935, Dec 2019	2278-0181	7.87
N. Dhachanamoorthis	International Journal of Scientific & Technology Research	Synthesis And Characterization Of PolypyrroleZinc Oxide Core-Shell Hybrid Polymer Nanocomposites	UGC Scopus	9 (2) 441-451, Feb 2020	2277-8616	4.4

N. Dhachanamoorthis	Nanoscale Reports	Synthesis and Characterization of Polyaniline Nanomaterials with different Molar Ratio of Monomer	Peer Reviewed	3 (1) 15-20, April 2020	10.26524.nr.3.3	-
N. Dhachanamoorthis	Nanoscale Reports	Influence of Annealing Temperature on Optical, Chemical and Particle size Properties of Polyaniline Nanomaterial	Peer Reviewed	3 (1) 39-44, April 2020	10.26524.nr.3.8	-
P. Sri Devi	Nanoscale Reports	Ethylene glycol – assisted synthesis of n-HAp and Magnesium- HAp nanocomposites	Peer Reviewed	3(1), 2020, 29-35	10.26524.nr.3.4	-
<b>2020-2021</b>						
N. Dhachanamoorthis	Nanoscale Reports	Annealed Effects of Poly-o-Toluidine (POT) Nanomaterial at Different Temperatures	Peer Reviewed	3 (1), 34-38, Aug 2020	10.26524.nr.3.7	-
N. Dhachanamoorthis	Nanoscale Reports	Optimization and Thermal Effects of Polyaniline Nanomaterial Synthesized by Chemical Oxidative Polymerization Method	Peer Reviewed	3 (2), 32-37	10.26524.nr.14	-
P. Sri Devi	Nanoscale Reports	EDTA assisted synthesis of HA nanoparticles and Cobalt-HA nanocomposites	Peer Reviewed	3(3), 2020, 22-30	10.26524/nr.3.20	-
A.Jegadeeswari	Nanoscale Reports	Synthesis and characterization of Magnesium Oxide Nanoparticles by sol-gel method	Peer Reviewed	3(3), 2020,12-15	10.26524/nr.3.19	-
A.Jegadeeswari	Nanoscale Reports	Synthesis and characterization of Iron Oxide (Hematite) Nanoparticles by sol-gel method	Peer Reviewed	3(3), 2020,33-36	10.26524/nr.3.23	-
M. Muthulakshmi	Nanoscale Reports	Exploring the characterization of Ni doped MgO nanoparticles using co-precipitation method	Peer Reviewed	3(1) (2020) 30-33		-
M. Muthulakshmi	Nanoscale Reports	Biosynthesis of magnesium Oxide nanoparticles using the extracts of puniga granatum peels and brassica oleracea	Peer Reviewed	3(1) (2020) 10 - 14	DOI:10.26524.nr.3.2	-
Dr. M. Jothi	Nanoscale Reports	Predicting the characteristics of copper oxide nanoparticles using Nyctanthes arbor-tristis flower extract via antibacterial study	Peer Reviewed	3(3) (2020) 28 -32	DOI:10.26524.nr.3.22	-

Dr. M. Jothi	Nanoscale Reports	Exploring the characteristics of the nickel oxide nanoparticles via Sol - gel method	Peer Reviewed	3(3) (2020) 37 -42	DOI:10.26524.nr.3.24	-
Dr. M. Jothi	International Journal of Engineering Research & Technology (IJERT)	Synthesis and Characterization of Polypyrrole-Antimony (III) Oxide Hybrid polymer nanocomposites	Peer Reviewed	8(12), (2019) 924-935	ISSN: 2278-0181	7.87
Dr. M. Jothi	International Journal of Scientific & Technology research	Synthesis And Characterization Of Polypyrrole-Zinc Oxide Core-Shell Hybrid Polymer Nanocomposites	Scopus	9(02),2(020), 441-451	ISSN 2277-8616	4.4
K. Sujatha	BULLETIN OF MATERIALS SCIENCE	Photoluminescence properties of pure, Fe-doped and surfactant-assisted Fe-doped tin-oxide nanoparticles	Scopus	43, p.no.212, 2020	10.1007/s12034-020-02169-5	1.392
	Nanoscale Reports	Synthesis and characterization of nano sized cobalt oxide by precipitation method	Peer Reviewed	3, 3, 1-5, 2020	10.26524.nr.3.17	-
	Nanoscale Reports	Appraisal of innovative phytosynthetic CdO NPs from leaf extract of Ocimum Sanctum and their bactericidal activity against different strains	Peer Reviewed	3, 2, 1-8, 2020	10.26524.nr.3.9	-
	Nanoscale Reports	Acalypha Indica mediated MgO NPs: A novel approach in greener route with its antibacterial activity against pathogens	Peer Reviewed	3, 2, 19-26, 2020	10.26524.nr.3.12	-
	Nanoscale Reports	Facile synthesis of calcium oxide nanoparticles from the carica papaya leaf extract with the significantly enhanced antibacterial activity	Peer Reviewed	3, 1, 1-9, 2020	10.26524.nr.3.1	-
R. Gowthami	Nanoscale Reports	Synthesis, characterization and antibacterial studies of copper sulphide nanoparticles by chemical precipitation method	Peer Reviewed	3,2,9 - 13, 2020	10.26524.nr.3.10	-
	Nanoscale Reports	Synthesis, characterization and antibacterial activities of calcium oxide nanoparticles by precipitation method	Peer Reviewed	3,2,27 - 31, 2020	10.26524.nr.13	-
D. Hemalatha	Nanoscale Reports	Green synthesis of copper oxide nanoparticles using aloe vera extract	Peer Reviewed	3,3,22 - 27,2020	10.26524.nr.3.21	-
	Nanoscale Reports	Synthesis, characterization and antibacterial activity of copper oxide nanoparticles	Peer Reviewed	3,2,42 - 46,2020	10.26524.nr.16	-

K.G Aarthe	Nanoscale Reports	Characterisation of undoped Zns and Fecl doped Zns nanoparticles are synthesized by chemical precipitation method	Peer Reviewed	3,2,14 - 18,2020	10.26524.nr.3.11	-
	Nanoscale Reports	Synthesis and characterization of zinc doped copper oxide nanocrystals by chemical precipitation method	Peer Reviewed	3,2,38 - 41,2020	10.26524.nr.15	-
N.Gowri Manohari	Nanoscale Reports	Green synthesis of Iron Oxide Nanoparticles using the Leaf extract of Phyllanthus Niruri	Peer Reviewed	3,3,6 - 11,2020	10.26524.nr.3.18	-
	Nanoscale Reports	Characterization of Iron Oxide Nanoparticles from the Leaf Extract of Piper Betle by Green Synthesis Method	Peer Reviewed	3,1,26 - 29,2020	10.26524.nr.3.5	-
K. Sowmyalakshmi	Nanoscale Reports	Appraisal of innovative phytosynthetic CdO NPs from leaf extract of Ocimum Sanctum and their bactericidal activity against different strains	Peer Reviewed	3,2,1 - 8,2020	10.26524.nr.3.9	-
	Nanoscale Reports	Acalypha Indica mediated MgO NPs: A novel approach in greener route with its antibacterial activity against pathogens	Peer Reviewed	3,2,19 - 26,2020	10.26524.nr.3.12	-
<b>2022-2023</b>						
P.Sri Devi	Journal of Xidian University	Effect of Zinc doped hydroxyapatite exposed to DC glow discharge plasma with antibacterial activity and cytotoxicity applications	Scopus	16,7,(July 2022), 419-442	1001-2400	0.69
P.Sri Devi	Digest journal of Nanomaterials and Biostructures	Impact of DC glow discharge plasma treated Ti doped hydroxyapatite nanomaterials using antibacterial and cytotoxicity applications	SCIE	17,4,Oct-Dec 2022, 1223-1239	1842-3582	0.89
R.Radhika	Coatings	Prickly Pear Fruit Extract : Capping Agent for the Sol–Gel Synthesis of Discrete Titanium Dioxide Nanoparticles and Sensitizer for Dye-Sensitized Solar Cell	Scopus	March 2023, 579	2079-6412	3.236