S.No	Author Name	Title	Journal (Only SCI)	Volume & page no	Year
1.	Parmod Kumar	Nanomaterials photo catalytic activities for waste water treatment: A review	Environmental science and pollution research	Accepted	2022
2.	Parmod Kumar	An efficient and unique method for the growth of spindle shaped Mg-doped cerium oxide composed of nanorods for photodegradation of p-Nitrophenol	Ceramics International	Accepted	2022
3.	Aman Joshi	Electrochemical Behaviour of Temperature-based Bismuth Phosphate Nanostructures for Energy Storage Application	Chemical Physics Letters	Accepted	2022
4.	Rashi Gupta	Influence of gamma radiation on optical, structural and surface morphological properties of WO_3 thin films grown by RF sputtering	Radiation Physics and chemistry	Accepted	2022
5.	Aman Joshi	Enhanced electrochemical behavior of Mg-doped MnO_2 for supercapacitor application	Materials today : Proceedings	Accepted	2022
6.	Maneesha Garg	Ingestion/Inhalation dose due to intake of ^{222}Rn in water measured by alpha scintillometry technique	International Journal of Environmental Analytical Chemistry	Accepted	2022
7.	Anurag Gaur	Progress in Electrode and Electrolyte Materials: Path to All-solid-state Li-ion Batteries (ASSLIB)	Energy Advances	Accepted	2022
8.	Aman Joshi	Electrochemical Behavior of Temperature-based Bismuth Phosphate Nanostructures for Energy Storage Application	Chemical Physics Letters	Accepted	2022
9.	Anurag Gaur	Electrochemical performance of transition metal based CoB_2O_4 (B= Co and Fe) oxides as an electrode material for energy storage devices	New Journal of Chemistry	Accepted	2022
10.	Parveen K. Goyal	Fabrication of n-TiO_2/p-Si Photo-Diodes for Self-Powered Fast Ultraviolet Photodetectors	Silicon	Accepted	2022
11.	Maneesha Garg	Optical and Morphological Characterization of ZnO nano-	Optical Material	Accepted	2022

		sized powder synthesized using Single step Sol-gel technique			
12.	Parmod Kumar	Sequestration of Heavy Metals from contaminated water using Fe_3O_4@carbon nanocomposites	Journal of Hazardous Materials Advances	6,	2022
13.	Aman Joshi	Sol-Gel Assisted Morphology and Phase Dependent Electrochemical Performance of BiPO4 Nanostructures for Energy Storage Applications	Journal of Alloys and Compounds	899	2022
14.	Kaushal Kumar	Structural, electrical and optical properties of MgO-reduced graphene oxide nanocomposite for optoelectronic applications	Current Applied Physics	36	2022
15.	Anurag Gaur	Room temperature magneto-electric coupling in Pb-Zn substituted Co_2Y-hexaferrite	Journal of Material Science: Material in Electronics	33	2022
16.	Aman Joshi	Binder-Free MnO_2 Electrodes for Supercapacitor Applications	ECS Transactions	107	2022
17.	Maneesha Garg	Radiological assessment of 222Rn, 220Rn, EERC, and EETC in residential dwellings of district Palwal,Southern Haryana, India	Journal of Radioanalytical and Nuclear Chemistry	331 (2)	2022
18.	Yogita Batra	Exploring the Role of Graphene Oxide as a Co-Catalyst in the CZTS Photocathodes for Improved Photoelectrochemical Properties	ACS Applied Energy Materials	7538	2022
19.	Rashi Gupta	Influence of high energy (MeV) Au^{9+} ion irradiation for modification of properties in scaffold-assisted electro synthesized PbSe nanowires	Inorganic Chemistry Communications	135	2022
20.	Anuj Kumar	“Spray deposited gallium doped zinc oxide (GZO) thin film as the electron transport layer in inverted organic solar cells	Solar Energy Materials and Solar Cells	231	2022
21.	Ompal Singh	Crystal structure, magnetic and dielectric properties of Er-doped BiFeO3ceramics	Applied Physics A	128 (7)	2022
22.	Arun Kumar	Macroscale Stress Induced Stabilization of Coherent Precipitates	Journal of Crystal Growth	588	2022
23.	Parveen K. Goyal	Highly sensitive and selective room temperature ammonia	Journal of Materials Science:	33	2022

		sensor based on polyaniline thin film: In-situ dip-coating polymerization	Materials in Electronics		
24.	Parveen K. Goyal and Anurag Gaur	Enhanced Curie temperature and superior temperature stability by site selected doping in BCZT based lead-free ceramics	Ceramics International	48	2022
25.	Parveen K. Goyal	Structural characteristics and opto-electrical properties of in-situ synthesized polyaniline films	Optical Materials	131	2022
26.	Parveen K. Goyal	Synthesis, phase confirmation and electrical properties of (1 − x) KNNS−xBNZSH lead-free ceramics	Journal of Materials Science: Materials in Electronics	33	2022
27.	Parmod Kumar	Photocatalytic Activity of α-Fe_2O_3@CeO_2 and CeO2@α-Fe2O3 core-shell nanospheres for degradation of Rose Bengal dye	Journal of Environmental Chemical Engineering	9	2021
28.	Maneesha Garg	Pristine, Irradiated and Nanocomposite Polystyrene: Recent Experimental and Theoretical Developments	Transactions on Electrical and Electronic Materials	22	2021
29.	Yogita Batra	Enhancing the Hydrogen Evolution Properties of Kesterite Absorber by Si-Doping in the Surface of CZTS Thin Film	Advanced Materials Interfaces	8(10)	2021
30.	Anuradha Sharma, Arun Kumar	Synthesis of graphene oxide and its reduction by green reducing agent	Materials Today: Proceedings	44	2021
31.	Anuradha Sharma, Arun Kumar	Factors affecting morphological and electrical properties of Barium Titanate: A brief review	Materials Today: Proceedings	44	2021
32.	Parmod Kumar,	Phase Transformation in Fe2O3 Nanoparticles: Electrical Properties with Local Electronic Structure,	Physica B: Condensed Matter	620	2021
33.	Parmod Kumar	Phase Transformation and Structural Evolution in Iron Oxide Nanostructures	Materials Science & Engineering B	272	2021
34.	Parmod Kumar Ompal singh	Understanding the role of Ni ions on Photocatalytic Activity and Dielectric Properties of Hematite Nanostructures: Experimental and DFT Approach	Journal of Physics and Chemistry of Solids	156	2021

35.	Kaushal Kumar	Improved mechanical performance and unique toughening mechanisms of UDM processed epoxy-SiO2 nanocomposites	Polymer Composites	42	2021
36.	Kaushal Kumar	Role of non-functionalized oxide nanoparticles on mechanical properties and toughening mechanisms of epoxy nanocomposites	Ceramics International	47	2021
37.	Kaushal Kumar	Enhanced thermo-mechanical properties of ZrO_2 particle reinforced epoxy nanocomposite	Journal of Materials Engineering and Performance	30	2021
38.	Aman Joshi	Role of Microwave Irradiation Power Rates on Electrochemical Performance of $BiPO_4$ Nanostructures as Electrode Material for Energy Storage Applications	Materials Chemistry and Physics	275	2021
39.	Parveen K. Goyal Anurag Gaur	Role of energy loss-range profile of heavy ions in tailoring the optical properties of polycarbonate	Optical Materials	121	2021
40.	Parveen K. Goyal Anurag Gaur	Argon ion implanted CR-39 polymer: Optical and structural characterization	Optical Materials	115	2021
41.	Parveen K. Goyal	Structural, dielectric and ferroelectric properties of Cu2+- and Cu2+/Bi3+-doped BCZT lead-free ceramics: a comparative study	Journal of Materials Science: Materials in Electronics	32	2021
42.	Anurag Gaur	Electrochemical Performance of rGO@ $ZnCo_2O_4$ Microspheres: Rationally Designed Asymmetric Constructed Wide-Potential Energy Storage Device	Journal of The Electrochemical Society	168(7)	2021
43.	Aman Joshi	Influence of pH on Optical and Electrochemical performance of BiPO4 Electrode Material for Energy Storage Applications	Physica E: Low-dimensional Systems and Nanostructures	137	2021
44.	Maneesha Garg	Distribution of Radon and uranium levels in groundwater of district Palwal of Southern Haryana, India	Radiation Protection Dosimetry	196	2021
45.	Maneesha Garg	Monitoring of natural radionuclides by alpha scintillometry and gamma spectrometry techniques in soil of district Palwal, Southern Haryana	International Journal of Environmental Analytical Chemistry	---	2021

46.	Anurag Gaur	Role of aluminium concentration on the structural, morphological, and optical properties of ZnS nanoparticles	Journal of Electronic Materials	50	2021
47.	Sonia Bansal	Room Temperature Synthesis of Colossal Magneto-Resistance of $La_{2/3}Ca_{1/3}MnO_3$: $Ag_{0.1}$0 Composite	ECS Journal of Solid State Science and Technology by IOP Publishing Limited	10(25858)	2021
48.	Ompal Singh	Investigation of crystal structure, dielectric properties, impedance spectroscopy and magnetic properties of (1-x) $BaTiO_3$–(x) $Ba_{0.9}Ca_{0.1}$ $Fe_{12}O_{19}$ multiferroic composites	Ceramics International	47 (16)	2021
49.	Anurag Gaur	Fabrication of activated carbon electrodes derived from peanut shell for high-performance supercapacitor	Biomass Conversion and Biorefinery	---	2021
50.	Parmod Kumar	Effect of dilute co-doping of Ni and Cr on Physical Properties of TiO_2 Nanoparticles	Vacuum	181	2020
51.	Parmod Kumar	MgO Nanostructures at Different Annealing Temperatures for d0 Ferromagnetism	Vacuum	179	2020
52.	Parmod Kumar	Hierarchical Magnesium Oxide Anchored Cerium Oxide Nanocomposites for Improvement in Magnetic Properties and Photocatalytic Performance	Nanotechnology	31	2020
53.	Parmod Kumar	Oxygen-deficient Lanthanum Doped Cerium Oxide Nanoparticles for Potential Applications in Spintronics and Photocatalysis	Vacuum	177	2020
54.	Parmod Kumar	Zn doped α-Fe_2O_3: An Efficient Material for UV Driven Photocatalysis and Electrical Conductivity	Crystals	10	2020
55.	Parmod Kumar	Role of Oxygen Vacancies for Mediating Ferromagnetic Ordering in La-Doped MgO Nanoparticles	Journal of Superconductivity and Novel Magnetism	33	2020
56.	Parveen K. Goyal	Effect of Ammonia Based Deprotonation on the variable range hopping conduction in Polypyrrole Nanotubes	Solid State Sciences	99	2020

57.	Arun Kumar	Design of iso-material heterostructures of TiO_2 via seed mediated growth and arrested phase transitions	Physical Chemistry Chemical Physics	22	2020
58.	Maneesha Garg	Quantification of Radon/Thoron exhalation rates of soil samples collected from district Faridabad of Southern	Journal of Radioanalytical and Nuclear Chemistry	326 (1)	2020
59.	Anuradha Sharma	Assimilation of Yb defect states in ZnO: Structural, optical and magnetic investigations	Vacuum	179	2020
60.	Rashi Gupta	Study of humidity sensing properties and ion beam induced modifications in SnO2-TiO2 nanocomposite thin films	Surface & Coatings Technology	392	2020
61.	M K Yadav	The nonlinear wave in Semiconductor quantum plasma for laser beam in a self consistent plasma channel.	Physics letter A	384(9)	2020
62.	M K Yadav	Variations Of Ion Density And Temperature As Measured By Rocsat-1satellite Over The Indian Region And Comparison With Iri-2016 Model	Annals of Geophysics	62(6)	2019
63.	Anuradha Sharma	Optically Induced Ferromagnetism in III-V Dilute Magnetic Semiconductors	Integrated Ferroelectrics	203	2019
64.	Ompal Singh, Arun Kumar, Kaushal Kumar	Sintering Time dependent Structural and Magnetic Phase Transformations in Pr Doped $BiFeO_3$ Multiferroics	Journal of Magnetism and Magnetic Materials	519	2019
65.	Kaushal Kumar and Arun Kumar	UDM processed superior acrylic resin based ZrO_2 nanoparticle reinforced composite for dental application	Materials Research Express	6	2019
66.	Parveen K. Goyal	Efficient UV photodetectors based on Ni-doped ZnS nanoparticles prepared by facial chemical reduction method	Physica B: Condensed Matter	575	2019
67.	Sonia Bansal	“Review Article: Electrochemical Atomic Layer Deposition (EC-ALD) Low Cost Synthesis of Engineered Materials a Short Review	Advances in Materials Science and Engineering	2(1)	2019
68.	Sonia Bansal	Effect of anisotropy on the spectral characteristics of one-dimensional porous silicon photonic crystal microcavity for	Journal of Nanophotonics	13(1),	2019

		optical sensing applications			
69.	Maneesha Garg	A comparative study of Radon levels in underground and surface water samples of Faridabad district of Southern Haryana, India	Journal of Radioanalytical and Nuclear Chemistry	319 (3)	2019
70.	Maneesha Garg	A study of seasonal variations of Radon, Thoron and their progeny levels in different types of dwellings in Faridabad district, Southern Haryana, India	Journal of Radioanalytical and Nuclear Chemistry	320 (3)	2019
71.	Anuradha Sharma	Synthesis of Er doped ZnO cone-like nanostructures with enhanced structural, optical and magnetic properties	Journal of Material Sciece: Materials in Electronics	29	2018
72.	Maneesha Garg	Natural radioactivity in rock samples of Aravali hills in India,	International Journal of Radiation Research	15(4)	2017
73.	Maneesha Garg	Radon-thoron and their progeny dosimetry in multi-storeyed malls in Delhi NCR (India) using plastic track detectors,	International Journal of Low Radiation	10 (4)	2017
74.	Anuradha Sharma	Effect of Ce doping on structural, optical and magnetic properties of ZnO nanoparticles	Journal of Material Sciece: Materials in Electronics	27	2016