AMITY INSTITUTE OF APPLIED SCIENCE

Research Publications					
#	Name of the Department	Name of Author/s	Title of paper	Name of Journal	Year
1	Chemistry	Atanu Panda	Diatom derived hollow 3D Frame as a synergetic support for millerite nanoparticles: A unique hydrogen evolution electrocatalyst and its mechanistic insights	Chemical Engineering Journal	2025
2	Chemistry	Dr. Mousumi Sen	A Sustainable Green Approach towards the Production of High Purity Alumina from Waste Aluminium Dross	Res. J. Chem. Environ.	2025
3	Chemistry	Nirmal Kumar Katiyar	Air plasma sprayed multi-material composite coatings for enhanced light absorption and thermal emission	Surface and Coating technology	2025
4	Chemistry	Dr. Aditi Sangal	Anti-Inflammatory Activity of Some Characteristic Constituents of Spatholobus littoralis Root Wood Extract: In Vitro and In Silico Studies	Tropical Journal of Natural Product Research	2025
5	Chemistry	Dr.Maumita Das Mukherjee	Aptasensors: Cutting-edge Technologies for Bisphenol A Detection as an Endocrine Disruptor	Journal of The Electrochemical Society	2025
6	Chemistry	Nirmal Kumar Katiyar	Bendable Substrates of Cellulose Nanocrystals for Triboelectric Nanogenerators	ACS Applied Nano Materia	2025
7	Chemistry	Kiran Bajaj	Cationic lipid-polymer hybrid carrier for delivery of miRNA and peptides	Biomaterials Advances	2025
8	Chemistry	Dr. Charles Beromeo Bheeter	CuO/rGO Catalyzed Direct Oxidation of Benzylic sp3 C-H bonds with Molecular Oxygen	ACS Sustainable Chemistry and Engineering	2025
9	Chemistry	Dr. Aditi Sangal	Cytotoxic effect of Spatholobus littoralis extract on breast cancer cells by in vitro and prediction of the mechanism of activity against estrogen receptors (ER-α and ER-β) by in silico	Journal of HerbMed Pharmacology	2025
10	Chemistry	Sangeeta Tiwari	Design of mixed metal oxide nanostructured superhydrophilic surfaces with self-cleaning properties	Journal of Coatings Technology and Research	2025

11	Chemistry	Dr. Aditi Sangal	Design, Synthesis, and Anticandidiasis Assessment of New Fluorine Containing Pyrimidines	ChemistrySelect	2025
12	Chemistry	Kumar Rakesh Ranjan	Development and characterization of novel Schiff base-thiazole derivatives: Exploring antimicrobial activity through spectroscopic analysis, DFT calculations, and molecular docking studies	Journal of Molecular Structure	2025
13	Chemistry	Prof.Sunita Rattan	Development of EPDM-based polymer nanocomposite barrier coating for radioactive waste storage containers	Journal of Coatings Technology and Research	2025
14	Chemistry	Dr. Manoj Raula	Effect of Ni Metals on the [PTiW11O40]5– POM-Stabilized Self-Doped TiO2 NPs toward Visible Light-Induced Hydrogen Evolution Reactions	ACS Applied Energy Materials	2025
15	Chemistry	Dr. Manoj Raula	Effect of NVP, HEMA, and Bis-GMA Grafting on Thermal and Physical Properties of Poly (AA-co-IA)	Macromolecular Symposia	2025
16	Chemistry	Prof.Sunita Rattan	Effect of Radiation on Polymeric Binder for Development of Radiation Resistant Coating	Macromolecular Symposia	2025
17	Chemistry	Seema Garg	Efficient visible light driven photocatalysis using BiOBr/BiOI heterojunction modified by Quercetin and defect engineering via simple mechanical grinding: Experiments & first-principles analysis	Materials Research Bulletin	2025
18	Chemistry	Dr. Seema Garg	Efficient visible light driven photocatalysis using BiOBr/BiOI heterojunction modified by Quercetin and defect engineering via simple mechanical grinding: Experiments & first-principles analysis.	Materials Research Bulletin.	2025
19	Chemistry	Nirmal Kumar Katiyar	Enhanced mechanical, tribological, and thermal properties of copper-graphene composites using additive manufacturing	Journal of Manufacturing processes	2025
20	Chemistry	Kiran Bajaj	Enhancing Temozolomide In Vivo Stability and Efficacy Through Hybrid Nanoconjugate Approach for Improved Glioblastoma Multiforme Treatment	Asian Journal of Pharmaceutical Sciences	2025
21	Chemistry	Dr. Seema Garg	Exploring algal diversity 4or enhanced nutrition: Implications 4or human	Algal Research	2025
22	Chemistry	Dr. Anita Gupta	Fabrication of post-synthetic modified Fe (III)-based metal organic framework for the electrochemical detection of4-amino phenol	Environmental Nanotechnology, Monitoring & Management	2025

23	Chemistry	Dr Tejendra Kumar Gupta	Highly flexible flyash/multiwalled carbon nanotubes composite paper: A sustainable electrode for new generation Li-ion batteries	Next Energy	2025
24	Chemistry	Dr. Atanu Panda	Holistic Nanoarchitectonic Design of Hierarchically Structured	Chemical Engineering Journal	2025
25	Chemistry	Dr. Arindam Modak	Hypercrosslinked polymer derived carbon coated Fe-Ni alloy/CNT as bifunctional electrocatalyst for rechargeable zinc-air battery	J of physical chemistry letters	2025
26	Chemistry	Dr. Atanu Panda	Influence of Structural Diversity in Co(II)-oxamide Complexes Towards Single Molecule Magnets and Electrochemical Oxygen Evolution Reaction	New Journal of Chemistry	2025
27	Chemistry	Dr. Onkar singh Nayal	Inhibition of acrylic acid and acrylate autoxidation	Organic & biomolecular Chemistry	2025
28	Chemistry	Nirmal Kumar Katiyar	Laser melted wear resistance and conducting property of Copper-Graphene composite,	Progress in Additive Manufacturing	2025
29	Chemistry	Dr. Manoj Raula	Ligand-Mediated Proton-Coupled Electron Injection into Reactive Cores of Soluble Macroanion-Like Complexes of Titanium Dioxide	ACS	2025
30	Chemistry	Dr. Charles Beromeo Bheeter	Ni-doped Carbon nanomaterial as Catalyst for Transfer Hydrogenatin of Unsymmetrical Urea using Methanol	ChemCatChem	2025
31	Chemistry	Suman Majumder	Nonequilibrium Dynamics of the Helix-Coil Transition in Polyalanine	The Journal of Chemical Physics	2025
32	Chemistry	Dr. Aditi Sangal*, Dr. Prachi Singhal, Prof.Sunita Rattan	Optimizing Acrylonitrile Grafting onto Rayon Fibers to Enhance Its Application Characteristics	Macromolecular Symposia	2025
33	Chemistry	Prof.Sunita Rattan*, Arindama Modak, Prachi Singhal	Polyethylene Functionalized with Imidazolium and Pyridinium Moieties through Radiation-Induced Grafting for Alkaline Solid Polymer Electrolyte Membranes	Chemical Engineering and Technology	2025
34	Chemistry	Dr.Maumita Das Mukherjee	Recent advancements of paper-Based electrochemical biosensors using conductive ink - A brief overview	Materials Science in Semiconductor Processing	2025
35	Chemistry	Kumar Rakesh Ranjan	Recent challenges and scope in tandem cells for unassisted overall water splitting	Next Materials	2025
36	Chemistry	Dr Nirmal Kumar	Resolving Lonsdaleite’s Decade-Long Controversy: Atomistic Insights into a Metastable Diamond Polymorph	Diamnod and Related materials	2025

37	Chemistry	Dr Kiran Bajaj	Rh(III)-Catalyzed Fabrication of [4,3,1]-Bridged Azaheterocycles using Quinone Monoacetals	Journal of Organic Chemistry	2025
38	Chemistry	Dr, Arindam Modak	State-of-the-Art Achievements and Challenges in Photochemical Conversion of Plastics to Chemicals and Composites	ACS	2025
39	Chemistry	Dr Tejendra Kumar Gupta	Strain Detection Using Long-Length MWCNT Buckypaper-Based Flexible Strain Sensor for Large Strain Range	Carbon Trends	2025
40	Chemistry	Dr Tejendra Kumar Gupta	Study and development of efficient and sustainable soil/compost-based earth batteries	Applied Physics A	2025
41	Chemistry	Dr, Arindam Modak	Sustainable Strategies for Fixation of CO2 into Valuable Chemicals Catalyzed by Functionalized Porous Materials	Willey	2025
42	Chemistry	Dr.Maumita Das Mukherjee	Trends in Aptasensing and the Enhancement of Diagnostic Efficiency and Accuracy	ACS Synthetic Biology,	2025
43	Chemistry	Dr. Seema Garg	Visible-Light-Active 'Bismuth Tungstate/Curcuma longa' Z-Scheme Hetero-structured Photocatalyst for the Degradation of Methyl Orange and Phenol.	Reaction Kinetics, Mechanisms and Catalysis,	2025
44	Chemistry	Dr.Maumita Das Mukherjee	Wearable Biosensors in Modern Healthcare: Emerging Trends and Practical Applications	Talanta Open	2025
45	Mathematics	Dr. Vanita Garg	A hybrid Mountain Gazelle particle swarm-based algorithm for constrained optimization problems	Evolving Systems	2025
46	Mathematics	Dr Sacheendra Shukla	Conpact Star Modelling of Durgapal Solution in f(Q) gravity	Gravitation and Cosmology	2025
47	Mathematics	Dr. H.D Arora	Detection and Classification of Pneumonia from Chest X-rays Using Image Based Deep Learning Methods	Springer Proceedings in Mathematics and Statistics	2025
48	Mathematics	Dr Divya Agarwal	Duality for robust multi-dimensional vector variational control problem under invexity	An International Journal of Optimization and Control: Theories & Applications	2025
49	Mathematics	Dr. Sumit Kaur Bhatia	Dynamic analysis of a communicable disease fractional order model incorporating vaccination and multiple time delays	Alexandria Engineering Journal	2025
50	Mathematics	Dr. Sumit Kaur Bhatia	Epidemic and unemployment interplay through bi-level multi delayed mathematical model	Mathematics and Computers in Simulation	2025

51	Mathematics	Dr. Vanita Garg	Laplacian biogeography-based algorithm using a gaining–sharing knowledge-based strategy for global optimization problems and the Lennard-Jones problem	Engineering Optimization	2025
52	Mathematics	Vijay Kumar	Modeling Reliability-Driven Software Release Strategy Considering Testing Effort with Fault Detection and Correction Processes: A Control Theoretic Approach	World Scientific	2025
53	Mathematics	Dr Divya Agarwal	Optimal Inventory and Pricing Strategies for Integrated Supply Chains of Growing Items Under Carbon Emission Policies	Mathematics	2025
54	Mathematics	Dr Shweta Upadhyaya, Dr Divya Agarwal	Performance forecasting of Discrete-time Priority Retrial Queue with its application in Cognitive Radio Networks	International Journal of Communication Systems	2025
55	Mathematics	Dr. Rishu Arora	Selection of the Optimal Health Care Waste Treatment Technology Using Yager Prioritized Arithmetic Operator-Based p, q-Quasirung Orthopair Fuzzy Group Decision-Making Method	Process Integration and Optimization for Sustainability	2025
56	Mathematics	Dr. H.D Arora	SIMILARITY MEASURES FOR Q-RUNG ORTHOPAIR FUZZY SETS AND APPLICATIONS TO DECISION MAKING	Mathematical Foundations of Computing	2025
57	Mathematics	Dr.Rupakshi Mishra Pandey	Some Integral Inequalities Involving a Fractional Integral Operator with Extended Hypergeometric Function	Dolomite Research Notes on approximation	2025
58	Mathematics	Dr. Sumit Kaur Bhatia	Stability Analysis of SVIRC Epidemic model with the Impact of Vaccination and Cross-Immunity	Mathemaics in Engineering, Science and Aerospace	2025
59	Mathematics	Dr. Sumit Kaur Bhatia	Understanding the impact of media and latency in information response on the disease propagation: a mathematical model andanalysis	Epidemiol. Methods	2025
60	Mathematics	Vijay Kumar	Unveiling the Evolution: Multi-Patch Multi-Release Software Reliability Growth Model with Testing Effort	River Publication	2025
61	Physics	Dr Bibhuti Parida	Angular analysis of the B0 → K∗(892)0μ+μ− decay in proton-proton collisions at s=13TeV	Physics Letter B	2025

62	Physics	Dr Bibhuti Parida	Constraints on standard model efective feld theory for a Higgs boson produced in association with W or Z bosons in the $H \rightarrow b\bar{b}$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal Of High Energy Physics	2025
63	Physics	Dr Adarsh Kumar	Digisonde based inter-analysis of ionospheric TEC during the major solar eclipse of 8 April 2024 over North/South American sites	Advances in Space Research	2025
64	Physics	Dr.Gaurav Sharma, Dr Tejendra Kumar Gupta, Dr. Ravi Kant Choubey	Effect of electrolytes on electrical charge storage performance in a compost-based symmetric device	Applied Physics A: Materials Science & Processing	2025
65	Physics	Dr. A K Shukla	Effects of Bi2O3 as sintering aid on the microstructure and electrical properties of La2Ti2O7 ceramics	Applied Physics A: Materials Science & Processing	2025
66	Physics	Dr. A K Shukla	Ferroelectric phase transition in polymorphic Cd-doped barium calcium zirconate titanate (BCZT) ceramics	Ceramics International	2025
67	Physics	Dr Shivani A Kumar	Generation of Superposed Coherent States	Nonlinear Optics quantum optics	2025
68	Physics	Dr Bibhuti Parida	Identification of low-momentum muons in the CMS detector using multivariate techniques in proton-proton collisions at sqrt(s) = 13.6 TeV	JINST	2025
69	Physics	Dr. Gautam Singh	Impact of Carbon Dots on Ionic Conductivity of Isothiocynate-Based Nematic Liquid Crystal	Macromolecular Symposia	2025
70	Physics	Dr Sanjeev K Srivastava	Implementation of QKD-based system using Nano PCF for healthcare applications	Sensing and Biosensing Research	2025
71	Physics	Dr Bibhuti Parida	Measurement of the inclusive WZ production cross section in pp collisions at 13.6 TeV.	Journal Of High Energy Physics	2025
72	Physics	Dr Bibhuti Parida	Measurements of the Higgs boson production cross section in the four-lepton final state in proton-proton collisions at 13.6 TeV	Journal Of High Energy Physics	2025
73	Physics	Dr. Gautam Singh	Nanocomposites tuned protracted electro-optical responsive memory in smectogenic cyanobiphenyl-based liquid crystal material	Journal of Moelcular Liquids	2025
74	Physics	Dr Bibhuti Parida	Observation of nuclear modification of energy-energy correlators inside jets in heavy ion collisions	Phys.Lett.B	2025
75	Physics	Dr Surbhi	Photo Sensing Properties of Heterojunction WO3/p-Si and WS2/p-Si Thin Films Synthesized by CBD	ECS journal of Solid State Science and Technology	2025

76	Physics	Dr Bibhuti Parida	Proton reconstruction with the TOTEM Roman pot detectors for high-β* LHC data	JINST	2025
77	Physics	Dr. Ravi Kant Choubey	Raman Spectroscopy and Structural Analysis of Polyphenylene Sulfide (PPS)	Macromolecular Symposia	2025
78	Physics	Dr Bibhuti Parida	Reweighting simulated events using machine-learning techniques in the CMS experiment	Eur. Phys. J. C	2025
79	Physics	Dr Bibhuti Parida	Search for heavy long-lived charged particles with large ionization energy loss in proton-proton collisions at 13 TeV	Journal Of High Energy Physics	2025
80	Physics	Dr Bibhuti Parida	Search for heavy neutral Higgs bosons A and H in the ttZ channel in proton-proton collisions at 13 TeV	Phys.Lett.B	2025
81	Physics	Dr Bibhuti Parida	Search for high-mass resonances in a final state comprising a gluon and two hadronically decaying W bosons in proton-proton collisions at 13 TeV.	Journal Of High Energy Physics	2025
82	Physics	Dr Bibhuti Parida	Search for pair production of heavy particles decaying to a top quark and a gluon in the lepton+jets final state in proton-proton collisions at 13 TeV.	European Physical Journal C	2025
83	Physics	Dr Jyoti Katyal	SimulationofTiNNanospheres,Nanoellipsoids,and NanoringsforEnhancedLocalizedSurfacePlasmonResonance andFieldAmplification	Chemistry Select	2025
84	Physics	Dr Rohit Verma	Spectroscopic Analysis of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)	Coronaviruses	2025
85	Physics	Dr. Ravi Kant Choubey	Structural, Optical, and Dielectric Property Analysis of Co0.7Zn0.3Cr2O4 Chromite System	Macromolecular Symposia	2025
86	Physics	Dr. Ravi Kant Choubey	Study of faradic and non-faradic behaviour in a compost-based symmetric energy storage device	Journal of the Indian Chemical Society	2025
87	Physics	Dr Surbhi	Synthesis of Copper-Coated CuS Core–Shell Nanoparticles by CBD for Rhodamine Blue Dye Degradation	Journal of Electronic Materials	2025
88	Physics	Satyendra Pratap Singh*, Dr.Gaurav Sharma	Thermoelectric Properties of Al–ZnO Oxide Thin Film	Macromolecular Symposia	2025
89	Physics	Dr U C Srivastava	Thermophysical Study of Lithium Fluoride Crystal by use of (VTBFS) Model	Studies in Science of Science	2025
90	Physics	Dr Jyoti Katyal	Transition Metal Nitride–Based Plasmonic Nanomatryoshka for Cholesterol and Triglyceride Sensing	Plasmonics	2025

91	Physics	Dr. Gautam Singh	Tunable dielectric and electrical properties of InP/ZnS quantum dots doped nematic liquid crystal composites	Next Research	2025
92	Physics	Dr U C Srivastava	Tuning the Structural, Electronic, Magnetic, and Optical Properties of EuS via Nd^{2+} Doping: A Comprehensive Study	Iranian Journal of Physics Research (IJPR)	2025
93	Physics	Dr U C Srivastava	Vibrational Study of Debye Temperature and Elastic Constants of Lithium Bromide (LiBr)	Studies in Science of Science	2025
94	Statistics	Dr. Anu Sirohi	A Choice of Performance Metrics for Evaluating Predictive Accuracy of Survival Models	International Journal of Statistics in Medical Research	2025
95	Statistics	Dr. Bavita Singh	A Family of Neutrosophic Estimators for Estimating Mean: An Application to Real Data	Sankhya B	2025
96	Statistics	Dr. Niraj Kumar Singh	Family Planning Dynamics in Uttar Pradesh, India: Key Determinants and Trends	International Journal of Agricultural and Statistical Sciences	2025
97	Statistics	Dr. Niraj Kumar Singh, Dr Sacheendra Shukla	Predicting child mortality determinants in Uttar Pradesh using Machine Learning: Insights from the National Family and Health Survey (2019–21)	Clinical Epidemiology and Global Health	2025
98	Statistics	Dr. Anu Sirohi	Regional Determinants of Child Mortality in Nigeria: Evidence from Survival Analysis	International Journal of Child Health and Nutrition	2025
99	Statistics	Dr. Bavita Singh	SOME ADDITIONAL PROPERTIES OF KUMARASWAMY LOG-LOGISTIC DISTRIBUTION BASED ON ORDER RANDOM VARIATES	Reliability Theory and Applications	2025
100	Statsitics	Dr Dheeraj Kumar	Analysis of a Reliability Model of an Off-Grid Solar System and a Generator Under Conditional Repair	Metallurgical and Materials Engineering	2025
101	Chemistry	Akanksha Taneja, Priyanshi Gupta, Sheenam Thatai, Parul Khurana, Kumar Rakesh Ranjan, Jay Singh, Maumita Das Mukherjee,	“Microwave-assisted bio-derived bismuth oxybromide (BiOBr) decorated polyaniline nanocomposite for highly sensitive electrochemical determination of endocrine disruptor bisphenol-A”,	Journal of Molecular Structure 1318 (2024) 139320	2024
102	Chemistry	Ansar Anjum, Mohd. Kashif, Javed Aalam, Sajid Iqbal, Jay Singh, Maumita Das Mukherjee	“Synthesis and characterization of sustainable polyurethane-amide (PUA)-organoclay bio-nanocomposites for enhanced protective coatings”,	Journal of Molecular Structure,	2024
103	Chemistry	Kumar Rakesh Ranjan	A review on the use of composites of a natural protein, silk fibroin with Mxene/carbonaceous materials in biomedical science	International Journal of Biological Macromolecules	2024

104	Chemistry	Dr. Kumar Rakesh Ranjan	Algal biomass based bio-refineries: Concurrent pre-treatment strategies and perspectives for sustainable feedstock	Biomass and Bioenergy	2024
105	Chemistry	Prof.Sunita Rattan	Analysis of graft copolymers via edge detection method of scanning electron micrographs	MRS Advances	2024
106	Chemistry	Prof.Sunita Rattan* , Prachi Singhal	Anion exchange membrane with enhanced alkaline stability through radiation grafting of ETFE for solid polymer electrolytes	Polymer Engineering and Science	2024
107	Chemistry	Dr. Sheenam Thatai	Antibacterial activity of biogenic and chemically synthesized silver nanoparticles and its application in wastewater treatment	Inorganic Chemistry Communications	2024
108	Chemistry	Dr. Aditi Sangal	Antioxidant Activity of Aloe vera and Prediction of Interaction Mechanisms on ROS1 Kinase and Collagenase Receptors	Molekul	2024
109	Chemistry	Atanu Panda	Approaches in graphene-based nanocomposites: Synthesis, modification, and multifaceted applications	FlatChem	2024
110	Chemistry	Kumar Rakesh Ranjan	Atomically dispersed single-atom catalysts (SACs) and enzymes (SAzymes): synthesis and application in Alzheimer's disease detection	Journal of Materials Chemistry B	2024
111	Chemistry	Madhur Kant†, Mousumi Sen†*, and Fehmeeda Khatoon‡	Biological removal of Zinc by fungal sp.	Research Journal of Chemistry And Environment	2024
112	Chemistry	Dr. Sangeeta Tiwari	Catalytic properties of TiO2 nanofibers in CO2 conversion: a comparative analysis of polymer matrices	Journal of Nanoparticle Research	2024
113	Chemistry	Dr. Mousumi Sen	Chromium and nickel exclusion from contaminated water by biomass based carbon microsheet	Reaction Kinetics, Mechanisms and Catalysis	2024
114	Chemistry	Dr Christine Jeyaseelan	Composites of sodium-alginate based – Functional materials towards sustainable adsorption of benzene phenol derivatives -Bisphenol A/Triclosan	Environmental Research	2024
115	Chemistry	Suman Majumder	Computational and Analytical Approaches for DNA Methylation Pattern Modelling	Proceedings of 3rd International Workshop on Mathematical Modeling and Scientific Computing	2024
116	Chemistry	Kumar Rakesh Ranjan	Computational supported experimental insights in adsorption of Congo Red using ZnO/doped ZnO in aqueous solution	Scientific Reports	2024

117	Chemistry	Dr Christine Jeyaseelan	Concerns regarding patient's safety and oral health risks associated with counterfeit dental materials	Ethics medicine and public health	2024
118	Chemistry	Dr Tejendra Kumar Gupta*, Dr. Deepshikha Gupta	Contribution of women in green chemistry: Catalyst for a sustainable tomorrow	Sustainable Chemistry and Pharmacy	2024
119	Chemistry	Deepshikha Gupta, Eksha Guliani, · Kiran Bajaj	Coumarin—Synthetic Methodologies, Pharmacology,	Topics in Current Chemsitry	2024
120	Chemistry	Deepshikha Gupta, Eksha Guliani, · Kiran Bajaj	Coumarin—Synthetic Methodologies, Pharmacology, and application as natural fluorophore	Topics in Current Chemsitry	2024
121	Chemistry	Jaibir Kherb	Electrochemicaland computational insightsinto the utilization of an N-heteroaromatic containing compound2-(4-Methoxy-phenyl)-5-naphthalen-2-yl-[1,3,4]oxadiazole as a promising anticorrosive agent for mild steel in corrosive medium	Journal of Molecular structure	2024
122	Chemistry	Rakesh Das, Nirmal Kumar kAtiyar.....CS Tiwary	Engineering the Interface of Cu-hBN Immiscible System Using 3D Printing To Enhance Mechanical and Thermal Properties	*ACS Applied Engineering Materials*	2024
123	Chemistry	Suman Majumder	Enhanced diffusion and universal Rouse-like scaling of an active polymer in poor solvent	Physical Review Materials	2024
124	Chemistry	Dr. Seema Garg	Enhancing biocompatibility and functionality: Carbon nanotube-polymer	Journal of Drug Delivery Science and Technology	2024
125	Chemistry	Himanshu Singh a , Rushikesh S. Ambekar a , Deeptava Das a , V. Akhilesh Danam c , Nirmal Kumar Katiyar a,b,* , Bidus Kanti Das e , Chandra Sekhar Tiwary a,* , Jayanta Bhattacharya	Enhancing structural resilience by using 3D printed complex polymer reinforcement for high damage tolerant structures	Construction and Building Materials	2024
126	Chemistry	Dr Nirmal Kumar Katiyar	Experimental and theoretical study of size-dependent phase evolution in NaCl-KCl alloys	Next materials	2024
127	Chemistry	Madhur Kant†, Mousumi Sen†*, and Fehmeeda Khatoon‡	Exploring the Role of Carbon Nanosheets for Detoxification of Cr(VI) from Aqueous Solution	Research Journal of Chemistry And Environment	2024
128	Chemistry	Arindam Modak, D. Gill, V. Vasin, K.K.Pant, S.Bhattacharyya	Facile Hydrogenolysis of Sugars to 1,2-Glycols by Ru@PPh3/OPPh3 Confined Large-Pore Mesoporous Silica	J. of Physical Chemistry Letters	2024
129	Chemistry	Dr. Seema Garg	Facile low temperature synthesis of bismuth molybdate stabilized ferricyanide and ferrocyanide nanocomposites for the degradation of organic pollutants	Inorganic Chemistry Communications	2024

130	Chemistry	Dr Tejendra Kumar Gupta*, Dr. Ravi Kant Choubey	Flexible and efficient ultraviolet photodetectors based on one dimensional MWCNT filled thermoplastic polyurethane nanocomposite freestanding films	Journal of Inorganic and Organometallic Polymers and Materials	2024
131	Chemistry	Nirmal Kumar Katiyar	Forest hardening and Hirth lock during grinding of copper evidenced by MD simulations	Manufacturing Letters	2024
132	Chemistry	Nirmal Kumar Katiyar	Hierarchical Phase Separation of Equatomic CoCuFeNiTi High Entropy Alloy during Spark Plasma Sintering	Journal of Materials Science	2024
133	Chemistry	Sangeeta Tiwari	Innovative CO2 conversion: harnessing photocatalytic activity in polyvinylidene fluoride/TiO2 electrospun nanofibers for environmental sustainability	Reaction Kinetics, Mechanisms and Catalysis	2024
134	Chemistry	Dr Shashi Chawla	Innovative technologies for the fabrication of 3D/4D smart hydrogels and its biomedical applications - A comprehensive review	Advances in Colloid and Interface Science	2024
135	Chemistry	Dr. Seema Garg	Insights into photocatalytic CO2 reduction reaction pathway: Catalytic modification for enhanced solar fuel production	Journal of Industrial and Engineering Chemistry	2024
136	Chemistry	Dr. Suman Majumder	Interplay of phase segregation and chemical reaction: Crossover and effect on growth laws	Physical Rieview E	2024
137	Chemistry	Dr Kiran Bajaj	Iridium-catalyzed diacylmethylation of tyrosine and Application as Natural Fluorophore	Chem Comm	2024
138	Chemistry	Pratibha Sharma, Minna Hakkarainen	Light responsive chemistry – A design strategy for remodelling benzoxazine architectures towards room temperature processing	Materials Today Chemistry	2024
139	Chemistry	Kiran Bajaj	Luminescent triazolo-fused pyrido[3,4-b]pyrazines as novel fluorophores	Dyes and Pigments	2024
140	Chemistry	Kumar Rakesh Ranjan	Luminous Insights: Exploring Organic Fluorescent “Turn-On” Chemosensors for Metal-Ion (Cu+2, Al+3, Zn+2, Fe+3) Detection	Journal of Fluorescence	2024
141	Chemistry	Dr. Maumita Das Mukherjee*, Kumar Rakesh Ranjan*,	Microwave-assisted bio-derived bismuth oxybromide (BiOBr) decorated polyaniline nanocomposite for highly sensitive electrochemical determination of endocrine disruptor bisphenol-A	Journal of Molecular Structure 1318 (2024) 139320	2024
142	Chemistry	R Deokar, AG Banpurkar, AR Singh, J Mehta, A Gajengi, S Thatai, N Pahwa, S Nalawade	Morphological, Optical and Voronoi Polygon Analysis of Breath Figures Prepared on Polymeric Surface	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	2024

143	Chemistry	Madhur Kant†, Mousumi Sen†*, and Fehmeeda Khatoon‡	Optimization by the full factorial method for the removal of Cr(VI) using maize cob husk	Reaction Kinetics, Mechanisms and Catalysis	2024
144	Chemistry	Dr. Mousumi Sen	Optimization by the full factorial method for the removal of Cr(VI) using maize cob husk	Reaction Kinetics, Mechanisms and Catalysis	2024
145	Chemistry	Deepshikha Gupta	Paper-based biosensors—from fabrication to applications: a review	Chemical papers	2024
146	Chemistry	Dr. Charles Beromeo Bheeter	Pd/C–Catalyzed Selective N-Monomethylation by Transfer Hydrogenation of Urea Derivatives using Methanol as H2 and C1 Sources	Chemistry A European Journal	2024
147	Chemistry	Dr. Manoj Raula	Photoactive metal chalcogenides towards CO2 reduction–a review	Colloid and Polymer Science	2024
148	Chemistry	Nishat Khan, Andras Sapi, Isha Arora, Suresh Sagadevan, Amrish Chandra, Seema Garg	Photocatalytic CO2 reduction using metal and nonmetal doped TiO2 and its mechanism	Reaction Kinetics, Mechanisms and Catalysis	2024
149	Chemistry	Dr. Atanu Panda	Photoinduced Puffing with Large Volume Expansion and Photomechanical Motions induced by Topochemical [4+4] Reactions in Molecular Crystal Solvates	Chemistry-A European Journal	2024
150	Chemistry	Deepshikha Gupta	Phytochemical analysis of Tinospora cordifolia and Withania somnifera and their therapeutic activities with special reference to COVID-19	World Journal of Experimental Medicine	2024
151	Chemistry	Dr.Maumita Das Mukherjee	Polydopamine functionalized Ti3AlC2 MAX based electrochemical biosensor for early and sensitive detection of Mycobacterium tuberculosis	Microchemical Journal	2024
152	Chemistry	Souvik Chatterjee	Ponderomotive potential effects on strong field two-photon double ionization in neon	Journal of Physics B	2024
153	Chemistry	Nirmal Kumar Katiyar	Positive changes in the mechanical and optical properties of the floor epoxy reinforced with green graphene	Polymer Composites	2024
154	Chemistry	Omnarayan Agrawal,‡a Hitesh Kumar Sharma,‡b Radhika Chaurasia,‡a Gaganjyot Kaur Bakshi,c Aakanksha Agarwal, a Mousumi Sen,d Praveen Mamidala, e R. K. Dey,f Mukesh Chourasia*c and Monalisa Mukherjee	Propene-bridged cyanurate tetramers decorated on carbon nanosheets with antibacterial activity: insights from molecular modeling and in vitro studies	RSC Applied Interfaces	2024

155	Chemistry	Jyoti Gupta, Dhana Sai Shree Kandkuri, Sunita Rattan	Rapid chemiresistive detection of p-nitrophenol through Porphyrin-functionalized 2D materials: a step toward environmental monitoring	Journal of Materials Science	2024
156	Chemistry	Amrita Preetam, Arindam Modak, Satya Narayan Naik, Kamal Kishore Pant, Vivek Kumar	Realistic Approach for Recovering Gold from Waste Electronics by Thiourea Leaching and Adsorption Using a Covalent Porphyrin/Triphenylamine-Based Porous Polymer	ACS Applied Polymer Materials	2024
157	Chemistry	Deepshikha Gupta, Priyanka Roy, Rishabh Sharma, Richa Kasana, Pragati Rathore, Tejendra Kumar Gupta	Recent nanotheranostic approaches in cancer research	Clinical and Experimental Medicine	2024
158	Chemistry	Arindam Modak*	Recent Progress and Opportunity of Metal Single-Atom Catalysts for Biomass Conversion Reactions	Chemistry-An Asian Journal	2024
159	Chemistry	Deepshikha Gupta*, Dr Tejendra Kumar Gupta	Rethinking Nanoparticle Synthesis: A Sustainable Approach vs. Traditional Methods	Chemistry-An Asian Journal	2024
160	Chemistry	Kiran Bajaj	Rhodium-Catalyzed Functionalization and Annulation of N-Aryl Phthalazinediones with Allyl Alcohols	Chemistry - An Asian Journal	2024
161	Chemistry	Atanu Panda	Scalable nanoarchitectonics with microporous polymer composite for methanol-tolerant ORR electrocatalysts	Journal of Materials Chemistry A	2024
162	Chemistry	Shubham Thwal and Suman Majumder	Segregation disrupts the Arrhenius behavior of an isomerization reaction	Physical Rieview E	2024
163	Chemistry	Himanshu Singh a,1 , Aelton B Santos b,1 , Diptava Das a , Rushikesh S. Ambekar a , Prateek Saxena c , Cristiano F. Woellner b,* , Nirmal Kumar Katiyar a,d,**, Chandra Sekhar Tiwary a,**	Stress concentration targeted reinforcement using multi-material based 3D printing	Applied Materials Today	2024
164	Chemistry	Nancy Sharmaa, Yashneeti Mehtab, Parul Khuranac, Arvind Singhd, Sheenam Thataie*	SURFACE ENHANCED RAMAN SCATTERING SPECTROSCOPY: AN EFFECTIVE TOOL FOR DETECTION OF ENVIRONMENTAL POLLUTANTS	Plasmonics	2024
165	Chemistry	Deepshikha Gupta	Sustainable utilization of fruit and vegetable waste for the extraction of phenolics, antioxidants, and other valuables	Reaction Kinetics, Mechanisms and Catalysis	2024
166	Chemistry	Dr. Maumita Das Mukherjee	Synthesis and characterization of sustainable polyurethane-amide (PUA)-organoclay bio-nanocomposites for enhanced protective coatings	Journal of Molecular Structure,	2024

167	Chemistry	Dr. Aditi Sangal	Synthesis of Gold Nanoparticles and Their Applications in Cancer Therapy	Biointerface Research in Applied Chemistry	2024
168	Chemistry	Suman Majumder	Temperature and Viscosity Tune the Intermediates during the Collapse of a Polymer	Macromolecules	2024
169	Chemistry	Dr. Seema Garg	Unveiling sustainable, greener synthesis strategies and multifaceted applications of copper oxide nanoparticles	Journal of Molecular Structure	2024
170	Chemistry	Kumar Rakesh Ranjan	Unveiling the impact of dyes on aquatic ecosystems through zebrafish – A comprehensive review	Environmental Research	2024
171	Chemistry	Dr. Seema Garg	Visible light active bismuth chromate/curcuma longa heterostructure for enhancing photocatalytic activity.	Reaction Kinetics, Mechanisms and Catalysis,	2024
172	Chemsitry	Nirmal Kumar Katiyar, C S Tiwary	A Prospective on Energy and Environment Applications of High Entropy Alloys	*Transactions of the Indian National Academy of Engineering*	2024
173	Chemsitry	Pengfei Fan, Nirmal Kumar Katiyar, Muhammad Arshad, Mingwen Bai, Hui Mao, Saurav Goel,	Anisotropic plasticity mechanisms in a newly synthesised high entropy alloy investigated using atomic simulations and nanoindentation experiments,	Journal of Alloy and Compounds	2024
174	Chemsitry	Damini Verma, Kumar Rakesh Ranjan, Pratima R. Solanki, Jay Singh, and Maumita Das Mukherjee	Review—Aptasensors: Cutting-Edge Technologies for Bisphenol A Detection as an Endocrine Disruptor	Journal of The Electrochemical Society	2024
175	Mathematics	Surbhi Gupta	A comprehensive review to find capabilities of 4D printing in implantable medical devices	Materialwissenschaft und Werkstofftechnik	2024
176	Mathematics	Ajay Sharma, Vishwakarma, P.N., Surbhi Gupta, Shubra Dixit,Kumar, S.R.	A comprehensive review to find capabilities of 4D printing in implantable medical devices | Ein umfassender Überblick über die Möglichkeiten des 4D-Drucks bei implantierbaren medizinischen Geräten	Materialwissenschaft und Werkstofftechnik	2024
177	Mathematics	Amit Tripathi, Rachna Bhatia, Pratibha Joshi, Anand Kumar Tiwari	A Computational Study of Time Dependent Nonlinear Schrödinger Equation With Cubic Nonlinearity	Proceedings of the Tenth International Conference on Mathematics and Computing: ICMC 2024, Lecture Notes in Networks and Systems	2024
178	Mathematics	Dr. Pratibha Joshi	A Numerical Study of Newell-Whitehead-Segel Type Equations Using Fourth Order Cubic B-spline Collocation Method	Mathematics and Statistics	2024

179	Mathematics	Dr Rashmi Singh	A review of the application of fuzzy mathematical algorithm-based approach in autonomous vehicles and drones	International Journal of Intelligent Robotics and Applications	2024
180	Mathematics	Yadav, P., Singh, R., & Tiwari, S.	A STUDY ON NEAR RELATION IN SOFT EI-ALGEBRAS AND THE ES STRUCTURE FRAMEWORK OF SOFT SETS	Indian Journal of Mathematics	2024
181	Mathematics	Vijay Kumar	A sustainable ordering policies model with trade-credit for deteriorating items under the learning effect	T&F	2024
182	Mathematics	Yadav, P., Singh, R., & Tiwari, S.	An Extension of Soft Operations on Generalized Soft Subsets	Journal of Computational Analysis and Applications	2024
183	Mathematics	Dr Divya Agarwal*, Dr Shweta Upadhyaya	Analysis of Bulk Arrival Recurrent Queue with Active and Passive Breakdowns	Iranian Journal of Science	2024
184	Mathematics	Naina Arya, Sumit Kaur Bhatia, Deeksha Singhal, Rishika Chanian, Sudipa Chauhan	Analysis of infected single species population model with delay in polluted environment.	Nonlinear Studies	2024
185	Mathematics	Rachna Khurana, Shakuntla Singla, Vanita Garg, Diksha Mangla, Sushil Kumar, Maheshwar Pathak, Pratibha Joshi	Application of Laplacian Teaching Learing Algorithm for contrained and unconstrained optimization problems	IEEE	2024
186	Mathematics	Dr. Surbhi Gupta*, Dr. H.D Arora*, Dr. Anjali Naithani	Availability and cost analysis of a multistage, multi-evaporator type compressor	International journal of system assurance Engineering and Management	2024
187	Mathematics	Dr.Rupakshi Mishra Pandey	BOUNDARY VALUE PROBLEMS FOR CAPUTO-HADAMARD FRACTIONAL DIFFERENTIAL EQUATIONS ASSOCIATED WITH ATANGANA-BALEANU INTEGRAL	Bulletin of Mathematical Analysis and Applications	2024
188	Mathematics	S Kaur, S Mauya, S Shukla, B Dayanandan	Charged anisotropic fluid sphere in (Q) gravity satisfying Vaidya - Tikekar metric	New Astronomy	2024
189	Mathematics	Dr Shweta Upadhyaya	Cost Scrutiny of Discrete-time Priority Queue with Cluster Arrival and Bernoulli Feedback	OPSEARCH (Springer)	2024
190	Mathematics	Agarwal, D., Agarwal, R and Upadhyaya, S	Detection of optimal working vacation service rate for retrial priority G-queue with immediate Bernoulli feedback	Results in Control and Optimization (Elsevier)	2024
191	Mathematics	Dr. Sumit Kaur Bhatia	Dynamic analysis of a diabetes mathematical model including heredity parameter and multiple time delays	Nonlinear Dynamics	2024

192	Mathematics	Dr. Kuldeep Chaudhary	Economic evaluation of two-Strain covid-19 compartmental epidemic model with pharmaceutical and non-pharmaceutical interventions and spatio-temporal patterns	Results in Control and Optimization	2024
193	Mathematics	Dr. Sumit Kaur Bhatia	ECONOMIC IMPACT OF EPIDEMICS: MATHEMATICAL MODEL AND DYNAMICAL ANALYSIS	Commun. Math. Biol. Neurosci.	2024
194	Mathematics	Mittal, M., Chauhan, S.K., Rastogi, S.	Effect of Credit Financing on the Supply Chain for Imperfect Deteriorating Items with Carbon Emission	11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024	2024
195	Mathematics	Dr. H.D Arora Dr. Anjali Naithani	Empirical evaluation of Pythagorean fuzzy entropy measures with application in decision making	International Journal of Information Technology	2024
196	Mathematics	Dr. PRAWAR Dr. ANJALI NAITHANI Dr, H. D. ARORA Dr. EKATA	Enhancing System Predictability and Profitability: The Importance of Reliability Modelling in Complex Systems and Aviation Industry	WSEAS TRANSACTIONS on MATHEMATICS	2024
197	Mathematics	Dr. H.D Arora Dr. Anjali Naithani	Evaluating performance of novel similarity measures of Pythagorean fuzzy sets and their applications in pattern recognition and medical diagnosis	International Journal of System Assurance Engineering and Management	2024
198	Mathematics	U Ujala, S Shukla, S. N. Pandey	Gravitational waves and electromagnetic field in a higher order theory of gravity	AIP Conf. Proc.	2024
199	Mathematics	Dr. H.D Arora	IMPACT OF TRIGONOMETRIC SIMILARITY MEASURES FOR PYTHAGOREAN FUZZY SETS AND THEIR APPLICATIONS	Yugoslav Journal of Operations Research	2024
200	Mathematics	Mittal, M., Pandey, J.T., Jain, M	Inventory Model for Imperfect Deteriorating Items Under Fuzzy Environment	11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024	2024
201	Mathematics	Dr. Rishu Arora	Linguistic q-rung orthopair fuzzy Yager prioritized weighted geometric aggregation operator of Linguistic q-rung orthopair fuzzy numbers and its application to multiattribute group decision-making	Granular Computing	2024

202	Mathematics	Vijay Kumar	Machine learning technique for generation of human readable rules to detect software code smells in open-source software	Springer	2024
203	Mathematics	Dr. Pawan Kumar Sharma	Mathematical Analysis of Chemically Reacting Species and Radiation Effects on MHD Free Convective Flow Through a Rotating Porous Medium	Acta Mechanica et Automatica	2024
204	Mathematics	Dr. Sumit Kaur Bhatia	Mathematical modeling and dynamical analysis of an SPIR epidemic model with fuzzy parameters under environmental pollution	Modeling Earth Systems and Environment	2024
205	Mathematics	Nisha, Upadhyaya, S and ChandrShekhar.	Maximum entropy solution for MX/G/1 priority reiterate G-queue under working breakdown and working vacation	International Journal of Mathematical, Engineering and Management Sciences (IJMEMS)	2024
206	Mathematics	Dr.Vijay Kumar*, Dr. Kuldeep Chaudhary	Modeling Software Release Time and Software Patch Release Time Based on Testing Effort and Warranty	Journal of Reliability and Statistical Studies	2024
207	Mathematics	Dr. Rishu Arora	Multiattribute group decision-making based on weighted correlation coefficient of linguistic q-rung orthopair fuzzy sets and TOPSIS method	Granular Computing	2024
208	Mathematics	Dr.Vijay Kumar	Multi-release software: A decision making mathematical approach for analysing the impact of infected patch	Mathematics in Science, Engineering, and Aerospace (MESA)	2024
209	Mathematics	Dr. Surbhi Gupta	On Existence of Prime K-Tuples Conjecture for Positive Proportion of Admissible K-Tuples	Baghdad Science Journal	2024
210	Mathematics	Dr. H.D Arora	On some new fuzzy entropy measure of Pythagorean fuzzy sets for decision-making based on an extended TOPSIS approach	Journal of Management Analytics	2024
211	Mathematics	Dr Divya Agarwal	Optimisation of logistics operations in healthcare systems using predictive data analytics	International Journal of Logistics Systems and Management	2024
212	Mathematics	Dr Divya Agarwal	Optimizing Fresh Food Supply Chains: Leveraging 3PL for Carbon Reduction and Profit Maximization - A Game-Theoretic Analysis	IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)	2024

213	Mathematics	Dr. Sumit Kaur Bhatia	Probing the effects of fiscal policy delays in macroeconomic IS–LMmodel	Computational and Applied Mathematics	2024
214	Mathematics	Ritu Bagri, Savin Treanta, Agarwal D. Sachdev Geeta	Robust duality in multi-dimensional vector fractional variational control problem	Opsearch	2024
215	Mathematics	Bhardwaj, N., Singh, R., Chaudhary, A., Sinha A, Kumar R	Statistical convergence of integral form of modified Szász–Mirakyan operators: an algorithm and an approach for possible applications	Journal of Inequalities and Applications	2024
216	Mathematics	Tandon, S., Kumar, V., & Singh, V. B.	Study of Code Smells: A Review and Research Agenda	International Journal of Mathematical, Engineering & Management Sciences	2024
217	Mathematics	Dr Divya Agarwal	Sufficiency and duality for complex multiobjective fractional programming involving cone constraints	Filomat	2024
218	Mathematics	Dr. Pratibha Joshi	Thermal Analysis of a FGM Coated Composite with Imperfect Contact under High-Temperature Exposure	Revue des Composites et des Matériaux Avancés	2024
219	Mathematics	Garg, M., Kumar, V., Chaudhary, K., Kapur P. K.	Uncertain differential equation based software belief reliability growth model (SBRGM) considering software patching	International Journal of System Assurance Engineering and Management	2024
220	Mathematics	Surbhi Gupta	Understanding the Limits and Regions of Exclusion in the Riemann Zeta Function: Application of Quantum Chaos	Evergreen	2024
221	Mathematics	S Kaur, S Mauya, S Shukla	Vaidya Tikekar type anisotropic fluid star in f ($\mathscr{R}$, T) theory	AIP Conf. Proc.	2024
222	Physics	Dr. Pramila Shukla	A computational analysis of thermoelectric behaviour of d0 half-Heusler alloys GeKCa and GeKSr	The European Physical Journal Plus	2024
223	Physics	Chinnala Kalyani, Prashant Hitashi, Deepshikha Gupta, Rohit Verma, Manoj Raula, Gaurav Varshney and Tejendra K . Gupta	A Review on Hydrogels for Smart Drug Delivery Systems and their Mathematical Modelling	Current Materials Science	2024
224	Physics	Dr Bibhuti Parida	A simulation study of the GRAPES-3 sensitivity to primary cosmic ray composition with the expanded muon telescope	Proceedings of Science(POS)-SISSA	2024
225	Physics	Dr. Surbhi	A study on structural and electronic properties of WS2/SnS2 composite thin films by CBD method	Chemical Physics Letters	2024

226	Physics	Shefali Kanwar	Analysis of Planning Risk Volume for Heart during Radiotherapy Delivery with Breath-Hold Technique for Carcinoma of Left Breast	Journal of Medical Physics	2024
227	Physics	Prof. Suresh Chandra	Aspects of non-topological soliton stars in a class of induced gravity theories	Journal of Physics A: Mathematical and Theoretical	2024
228	Physics	Dr. Gautam Singh	Carbon dots induced homeotropic alignment in a negative dielectric nematic liquid crystal material	Nano Express	2024
229	Physics	Satyendra Pratap Singh	Comparison of Refractive Indices of Binary Liquid Mixtures of Diethyl Carbonate and Some Alcohols Using Various Empirical and Semi-Empirical Rules	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024	2024
230	Physics	Bibhuti Parida, Dharmender	Description of Z Boson Mass and pT Spectrum at LHC Using Leading-Order Event Generators at 13.6 TeV	Submitted to JHEP	2024
231	Physics	Dr R.S. Pandey	Design and Fabrication of Smart Drip Variable Hight Stand for Medical Application	Lecture Notes in Mechanical Engineering	2024
232	Physics	Dr Jyoti Katyal	Detailed Analysis of Size and Shape of TiN Nanostructure on Refractive Index-Based Sensor	Plasmonics	2024
233	Physics	Dr Satyendra Prata Singh	Detecting adulteration in mustard oil using low frequency dielectric spectroscopy	Research in Agricultural Engineering	2024
234	Physics	Satyendra Pratap Singh*, Dr. Sumit Kaur Bhatia	Detecting adulteration in mustard oil using low-frequency dielectric spectroscopy	Research in Agricultural Engineering	2024

235	Physics	Dr Rohit Verma	Development of a liquid crystal-based sensor utilizing EDTA-cyclodextrin polymer for real-time optical detection of methylene blue in natural water samples	Journal of Molecular Liquids	2024
236	Physics	Dr. Ravi Kant Choubey	Dielectric study of shellac composites through varying filler concentrations" 137, 3047–3057 (2024).	Reaction Ki-netics, Mechanisms and Catalysis	2024
237	Physics	Chitralekha, S. Gaurav,R. K. Kotnala, S. Shankar & A. P. Singh	Dielectric, Impedance, Magnetic and Magnetocapacitance Investigations in ferrite–manganite nanocomposites for Hydroelectric Cell applications	Emergent Materials	2024
238	Physics	Dr. Ravi Kant Choubey	Dr. Gaurav Sharma, Dr. Ravi Kant Choubey	Ceramics International	2024
239	Physics	Dr. Gautam Singh	Effect of alkyl chain length on the dielectric and electro-optical properties of graphene quantum dots doped cyanobiphenyl based nematic liquid crystals composites	Journal of Moelcular Liquids	2024
240	Physics	Dr. Gautam Singh	Effect of carbon dots on tuning molecular alignment, dielectric and electrical properties of a smectogenic cyanobiphenyl-based liquid crystal material	Journal of Physics D: Applied Physics	2024
241	Physics	Dr. Gautam Singh	Effect of CsPbBr3 perovskite quantum dots on molecular alignment, dielectric and memory effect of a cyanobiphenyl based liquid crystal	Journal of Molecular Liquids	2024
242	Physics	Priscilla P, Ashwani Kumar Singh, Praveen Malik, Sandeep Kumar, Supreet, Arvind K Gathania, Jai Prakash, Riccardo Castagna, Daniele Eugenio Lucchetta, Poonma Malik, Gautam Singh	Effect of doping of organo-soluble carbon dots on ionic relaxation and conductivity of planar anchored cyanobiphenyl based nematic liquid crystal	Journal of Molecular Structure	2024
243	Physics	Dr. Gautam Singh	Effect of doping with carbon dots on the alignment and dielectric properties of nematic liquid crystal 4-cyano-4′-pentylbiphenyl in ITO sample cells without conventional alignment layers for low-cost display applications	Journal of Molecular Structure	2024
244	Physics	Dr R.S. Pandey	Effect of electrostatic precipitator and turbulance creating devices on particulate matter	Reaction Kinetics, Mechanisms and Catalysis	2024
245	Physics	Asif Ali Ansari, Jai Prakash, Nidhi, Aafreen, Shikha Chauhan, Gautam Singh	Effect of Perovskite Quantum Dots on the Dielectric Properties of a Nematic Liquid Crystal Material	Indian Journal of Pure & Applied Physics	2024

246	Physics	Salma Shahni,Ajai K. Gupta and Renuka Bokoli	Effect of sintering temperature and time on the microstructure and ferroelectric properties of BCZT ceramics	Springer Proceedings in Physics	2024
247	Physics	Dr. Rohit Verma	Evaluation of the Treatment Planning and Delivery for Hip Implant Cases on Tomotherapy	Journal of Medical Physics	2024
248	Physics	Arun Kumar , Suhaas Gupta , Samrat Mukherjee , S. Gaurav , S. Shankar , Kamal Kumar Kushwah , Sujeet Kumar Mahobia , Abhineet Samadhiya , Stuti Tomar , Beer Pal Singhh, Yogendra K. Gautamh, Umesh Kumar Dwivedi i, Sunil Kumar , Ravi Kant Choubey	Fabrication of enhanced performance Visible-light photodetector based on Ag/ZnS/p-Si/Ag heterojunction grown by chemical bath deposition	Materials Today Communications	2024
249	Physics	Dr. Surbhi	Facile Growth of Zinc Oxysulfide Nano Thin Film-based Visible Light Photosensor by Hydrothermal Method	ECS Journal of Solid State Science and Technology	2024
250	Physics	A Pathak, B. Parida, PK Mohanty etal	Geant-4 simulation study of cosmic ray muons with new muon telecope at Grapes-3 experiment	Springer Proceedings in Physics	2024
251	Physics	Dr Bibhuti Parida	Geant-4 Simulation Study of Cosmic Ray Muons with New Muon Telescope at GRAPES-3 Experiment	Springer Proc.Phys.	2024
252	Physics	Neha, Gautam Singh, Praveen Malik, Sanjeev Kumar, Ashwani Kumar, Rishi Pal, Bhavna Vidhani, Poonma Malik, Supreet	Greenly synthesized titanium dioxide nanoparticles for modulation of dielectric and electro-optical properties of nematic liquid crystal	Journal of Moelcular Liquids	2024
253	Physics	Dr Ashok Kumar	Influence of Segment Shape Optimization Parameter in Radiotherapy Volumetric Modulated Arc Therapy Planning of Cervical Cancer	Iranian Journal of Medical Physics	2024
254	Physics	Dr. Gaurav Sharma	Investigating the multiferroic properties within triphasic systems to comprehend the mechanisms of water splitting	Ceramics International	2024
255	Physics	Dr. Gautam Singh	Investigation of deep relaxation mode in newly developed ferroelectric liquid crystal material	Chemical Engineering Journal	2024
256	Physics	Dr Bibhuti Parida	Measurements of polarization and spin correlation and observation of entanglement in top quark pairs using lepton+jets events from proton-proton collisions at 13 TeV	Physical Review D	2024

257	Physics	Chiranjib Konar, Shobha Kumari, Sabyasachi Pal, Ananda Hota	MODE OF ACCRETION AND JET POWER IN EPISODIC AGN JETS	Springer Nature	2024
258	Physics	N.Srivastava, B.Parida	Monte Calro simulation study on Particle Production in proton-proton collisions at LHC energy	Springer Nature	2024
259	Physics	Dr. Gautam Singh	Morphology, dielectric, electro-optical and optical properties of diamond nanoparticle doped negative dielectric anisotropy liquid crystal	Journal of Molecular Liquids	2024
260	Physics	Dr Bibhuti Parida	Muon flux measurements and their angular distribution with the new muon telescope at GRAPES-3 experiment	PoS	2024
261	Physics	Dr Sanjeev K Srivastava	Optical Reflector and Selective Polarization Filter Based on 1D-Photonic Crystal Containing Si-YBCO Layer	Brazilian Journal of Physics	2024
262	Physics	V Kumar, Sanjeev K Srivastava and R Kumar	Optical Reflector and slective polriazation filter based on 1d-photoninc crystal containing Si-YBCO layer	Brazilian Journal of Physics	2024
263	Physics	Satyendra Pratap Singh	Optical, rheological, and dielectric properties of coconut oil between 100 kHz and 30 MHz	Heliyon	2024
264	Physics	Dr Bibhuti Parida	Performance of the CMS high-level trigger during LHC Run 2	Journal of Instrumentation	2024
265	Physics	Dr. Gautam Singh	Probing the impact of bent-core mesogen on the dielectric relaxations of ferroelectric liquid crystal	Journal of Molecular Structure	2024
266	Physics	Dr. Gautam Singh	Prolonged memory effect in smectic A phase of a thermotropic liquid crystal material	Optical Materials	2024
267	Physics	Satyendra Pratap Singh	Radio Frequency Treatment of Sesame Oilseed for Quality	Agricultural Science Digest	2024
268	Physics	Dr Satyendra Prata Singh	Radio Frequency Treatment of Sesame Oilseed for Quality Assessment	Agricultural Science Digest	2024
269	Physics	Dr Rohit Verma	Real-time optical detection of mercury contamination in drinking water using an amphiphilic recognition probe at liquid crystal/aqueous interfaces	Analytical Methods	2024
270	Physics	Dr Adarsh Kumar	Simulation Study of Some Characteristics of Single and Binary Stars Using MAdSTAR, MESA, and NAAP Astronomical Tools	Springer Proceedings in Materials	2024

271	Physics	NIRUJ MOHANRAMANUJAM, PRASUNDUTTA ,INDULEKHAKAVILA, MANONEETACHAKRABORTY,SAMIRD HURDE,ANANDAHOTA, CHIRANJIB KONAR, DIVYA OBEROI, MAMTA PANDEY-POMMIER and MAYURISATHYANARAYANARAO	Square Kilometre Array—India Consortium: Education and Public Outreach	Journal of Astrophysics and Astronomy	2024
272	Physics	Sharma Himanshu , Vinod Arun,Surbhi , Rathore, Mahendra Singh	Structural, Optical, and Electrical Properties of Tin-Doped CuS Nanoparticles for Photocatalytic Enhancement and Heterojunction Diode	Journal of Electronic Materials	2024
273	Physics	Dr. Ravi Kant Choubey	Study of derivatives of (E)-1-(3-aryl-1-phenyl-1H-pyrazol-4-yl)but-2-en-1-one for enhanc-ing reduction efficiency of compost based microbial fuel cell	Applied Physics A: Materials Science & Processing	2024
274	Physics	Dr U C Srivastava	Study of Lattice Dynamical Properties of Lithium Bromide (LiBr)	High Technology Letters Journal	2024
275	Physics	Dr Bibhuti Parida	Study of the pT Spectrum of the Z Boson at LHC Using Leading-Order Event Generators	Springer Proc.Phys.	2024
276	Physics	Dharamender, B. Parida	Study of the pT Spectrum of the Z Boson at LHC Using Leading-Order Event Generators	Springer Proceedings in Physics	2024
277	Physics	Pratibha K , S. Shankar , S. Gaurav , Y. Dwivedi , Ravi Kant Choubey , Sunil Kumar	Synthesis and characterization of Dy-doped Zn2SiAl2O4 nanophosphor for color modulation in advanced lighting systems	Chemical Physics Impact	2024
278	Physics	Dr Satyendra Prata Singh	Synthesis, characterization, and study of photocatalytic degradation of aniline blue dye using copper oxide nanoparticles prepared by Santa Maria feverfew leaf extract	Nanotechnology for Environmental Engineering	2024
279	Physics	Dr. Gautam Singh	Tailoring the dielectric features of a cyanobiphenyl based liquid crystal using bismuth titanate (Bi2Ti2O7/Bi4Ti3O12) nanocomposite	Indian Journal of Physics	2024
280	Physics	Rajesh Kumar, Rohith K. M., Shashank Pandey, Sanjeev K. Srivastava, and Gagan Kumar	Terahertz tunable band-stop filter using topological valley photonic crystals	Applied Optics	2024

281	Physics	Dr. Ravi Kant Choubey	Tin oxide nanoparticles-coated cathode for the detection of aqueous urea using compost based microbial fuel cell configuration	Journal of Materials Science: Materials in Electronics	2024
282	Physics	Lakshmi Dagar, Vijay Kumar Soni, and Adarsh Kumar	Two decadal (2003–2022) based trend analysis of aerosol optical depth (AOD) and its impact on cloud properties over a highly polluted region of India	Arabian Journal of Geo Sciences	2024
283	Physics	Dr. Gautam Singh	Unveiling molecular alignment, dielectric and electrical conductivity of an unaligned 4-octyl-4′-cyanobiphenyl liquid crystal doped with carbon dots	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2024
284	Physics	Dr Adarsh Kumar	Variation of In-Situ Partial Pressures of Different Gases Over Southern Polar Region of Moon Utilizing Chandrayaan-2 Data.	Springer Proceedings in Materials	2024
285	Physics	Dr Adarsh Kumar	Variations of GNSS/GPS measured ionospheric TEC and solar wind plasma parameters during the total solar eclipse of 09 March 2016	Journal of the Indian Society of Remote Sensing	2024
286	Statistics	Dr. Niraj Kumar Singh	A Strategic Health Index for Maternal and Child Wellbeing in Uttar Pradesh using MCDM	International Journal of Agricultural and Statistical Sciences	2024
287	Statistics	Dr. Dheeraj Pawar	AI-Based Modeling of Leaf Miner Incidence in Tomato Crops at Rajahmundry, India	Library Progress International	2024
288	Statistics	Dr. Dheeraj Pawar	Cost-Effectiveness Analysis of a System of Distinguishable Subsystems with Repair Preference and Weather Conditions	Journal of Reliability and Statistical Studies	2024
289	Statistics	Dr. Dheeraj Pawar	Deep Learning and Statistical Models for Predicting Occurrence of YSB in Rice Based on Weather Parameters	African Journal of Biological Sciences	2024
290	Statistics	Dr. Niraj Kumar Singh	District-level Study of Uttar Pradesh Based on the MCDM Approach	Journal of Reliability and Statistical Studies	2024
291	Statistics	B Singh, I Alam, AA Rather, M Alam	Linear Combination of Order Statistics of Exponentiated Nadarajah–Haghighi Distribution and Their Applications	Lobachevskii Journal of Mathematics	2024
292	Statistics	Dr. Dheeraj Pawar	Optimizing Reliability of Parallel Systems: Prioritized Preventive Maintenance and Inspection	Communications on Applied Nonlinear Analysis	2024
293	Statistics	Dr. Dheeraj Pawar	Parameters and LSTM	Communications on Applied Nonlinear Analysis	2024
294	Statistics	Dr. Anu Sirohi	Penalized estimation in parametric frailty model	Helion	2024

295	Statistics	Anant P. Awasthi, Masood H Siddiqui	Performance Review of Major Packages in Light of Data Exchange Capabilities in R Ecosystem	Journal of Statistics Applications & Probability	2024
296	Statistics	Dr. Dheeraj Pawar	Predicting Yellow Stem Borer Occurrence in Rice Using Weather	Library Progress International	2024
297	Statistics	Dr. Dheeraj Pawar	Predicting Yellow Stem Borer Occurrence in Rice Using Weather Parameters and LSTM	Library Progress International	2024
298	Statistics	Dr. Niraj Kumar Singh	Spatial Clustering of Infant Mortality in Uttar Pradesh, India	International Journal of Agricultural and Statistical Sciences	2024
299	Statsitics	Anant P. Awasthi, Niraj Kr SinghMasood H Siddiqui, Aanchal A Awasthi	Memory Utilization in R: The Impact of Data Management Frameworks (Packages)	Journal of Statistics Applications and Probability	2024
300	Statsitics	Satish Kumar Yadav, D. Pawar, Latika Yadav and Saurabh Tripathi	Modeling incidence of leaf miner in tomato in Rajendranagar (AP), India using machine learning techniques	African Journal of Biological Sciences	2024
301	Statsitics	Satish Kumar Yadav, D. Pawar, Latika Yadav and Saurabh Tripathi	Predictive Analysis of Occurrence of Thrips in Tomato Subject to Weather Parameters Using Machine Learning Techniques	International Journal of Biosciences	2024
302	Chemistry	Jaibir Kherb	A novel and facile green synthesis of SiO2 nanoparticles for removal of toxic water pollutants	Applied Nanoscience (Switzerland)	2023
303	Chemistry	Manoj Raula	A review on chemical bath deposition of metal chalcogenide thin films for heterojunction solar cells	Journal of Materials Research	2023
304	Chemistry	Dr. Arindam Modak	A State-of-the-Art Review on the Technological Advancements for the Sustainable Management of Plastic Waste in Consort with the Generation of Energy and Value-Added Chemicals	Catalysis, MDPI	2023
305	Chemistry	Dr. Seema Garg	A sustainable approach for the removal of toxic 4-nitrophenol in the presence of H2O2 using visible light active Bi2MoO6 nanomaterial synthesized via continuous flow method	Reaction Kinetics, Mechanisms and Catalysis	2023
306	Chemistry	Dr. Arindam Modak	A trifunctional N-doped activated carbon–ceria shell, derived from covalent porphyrin polymers for promoting Pt activity in fuel cell cathode performance	Catalysis Science and Technology	2023

307	Chemistry	Prof. Christine Jeyaseelan	Activated carbon modified chitosan beads: An effective method for removal of Congo Red dye	*Materials Today: Proceedings*	2023
308	Chemistry	Dr. Sunita Rattan, Dr. Prachi Singhal	Advanced functional rGO@MoS2@PEDOT: PSS multicomponent-based nanocomposite films for rapid and ultra-sensitive TNT detection	Materials Today Communications	2023
309	Chemistry	Dr. Souvik Chatterjee	Anti-relaxation coating-induced velocity-dependent population re-distribution in electromagnetically induced transparency	Applied Physics B	2023
310	Chemistry	Tejendra Gupta	Assessing thermo-mechanical and wetting properties of epoxy/SBA-15 nanocomposite	Journal of Materials Science	2023
311	Chemistry	M. Sen	Bioinspired and Green Synthesis of Nanostructures: A Sustainable Approach	Bioinspired and Green Synthesis of Nanostructures: a Sustainable Approach	2023
312	Chemistry	Dr. Seema Garg	Bismuth-Based nanophotocatalysts for environmental reintegration	Inorganic Chemistry Communications	2023
313	Chemistry	Tejendra Gupta	Chemical vapor deposition of ferrite thin films	Ferrite Nanostructured Magnetic Materials: Technologies and Applications	2023
314	Chemistry	Seema Garg	Demonstration of effectiveness: Plant extracts in the tuning of BiOX photocatalysts' activity	Catalysis Today	2023
315	Chemistry	Prof. Sunita Rattan, Dr. Prachi Singhal	Durable PP/EPDM/GF/SiO2 nanocomposites with improved strength and toughness for orthotic applications	Journal of the Mechanical Behavior of Biomedical Materials	2023
316	Chemistry	Sunita Rattan, Prachi Singhal	Effect of Nanoalumina on Physical and Thermal Properties of Polypropylene-Glass Fiber Reinforced Nanocomposites	Asian Journal of Chemistry	2023
317	Chemistry	Dr. Pratibha Sharma	Epoxy-based reflective adhesive for lamination of single-sided metallized film over glass fabric destined for its use as reflective layer in fire proximity clothing	Polymer Degradation and Stability (elsevier)	2023
318	Chemistry	Sangeeta Tiwari	Experimental investigation and optimization of morphological characteristics in mechanically agitated aluminium 6061-fly ash cenosphere composite	Materialwissenschaft und Werkstofftechnik	2023
319	Chemistry	Dr. Mousumi Sen	Exploring Carbon Nanosheets for Detoxification of Cr(VI)	Indian journal of Env. Protection	2023

320	Chemistry	Deepshikha Gupta, Tejendra Gupta	Functional nanoparticles as novel emerging antiviral therapeutic agents	Smart Nanomaterials to Combat the Spread of Viral Infections: Advanced Strategies for the Prevention of Viral Infections	2023
321	Chemistry	Jaibir Kherb	General preventive measures to control the transmission and COVID-19 pandemic management: a public outreach	Smart Nanomaterials to Combat the Spread of Viral Infections: Advanced Strategies for the Prevention of Viral Infections	2023
322	Chemistry	Dr Tejendra Kumar Gupta, Deepshikha Gupta	Green and sustainable synthesis of nanomaterials: Recent advancements and limitations	Environmental Research	2023
323	Chemistry	M. Sen	Green Synthesis: Introduction, Mechanism, and Effective Parameters	Bioinspired and Green Synthesis of Nanostructures: a Sustainable Approach	2023
324	Chemistry	Dr. Arindam Modak	High Yield Synthesis of Green Pyrolytic Oil via Thermal Cracking of Ricinoleic Acid Methyl Ester	ChemistrySelect	2023
325	Chemistry	Dr. Sangeeta Tiwari	Highly stable functionalized PAN/Zr nanofibrous mats for removal of ultralow concentrations of Hg (II)	*Functional Composites and Structure*	2023
326	Chemistry	Dr. Souvik Chatterjee	Light shift induced modification of electromagnetically induced resonances in atomic vapor	Optics Communication	2023
327	Chemistry	Dr Tejendra Kumar Gupta	Long length MWCNT/TPU composite materials for stretchable and wearable strain sensors	Sensors and Actuators A: Physical	2023
328	Chemistry	Dr. Seema Garg	Methodological Investigation of the Band Gap Determination of Solid Semiconductors via UV/Vis Spectroscopy	ChemPhotoChem	2023
329	Chemistry	Prof. Sunita Rattan, Dr. Prachi Singhal	Microwave Assisted Grafting of Polyethylene Membrane through Imidazolium and Pyridinium Moieties as Alkaline Anion Exchanger for Fuel Cell Applications	Chemical Data Collections	2023
330	Chemistry	Prof. Christine Jeyaseelan	Mining nutri-dense accessions from rice landraces of Assam, India	*Heliyon*	2023
331	Chemistry	Dr Shashi Chawla	Nanoceramics: Fabrication, properties and its applications towards the energy sector	Fuel	2023

332	Chemistry	Dr. Arindam Modak	Ni(II) and Cu(II) grafted porphyrin-pyrene based conjugated microporous polymers as bifunctional electrocatalysts for overall water splitting	Electrochimica Acta	2023
333	Chemistry	Deepshikha Gupta	Nitrogen Mustard: a Promising Class of Anti-Cancer Chemotherapeutics – a Review	Biointerface Research in Applied Chemistry	2023
334	Chemistry	Prof. Christine Jeyaseelan	Nitrogen Mustard: a Promising Class of Anti-Cancer Chemotherapeutics	*Biointerface Research in Applied Chemistry* ,	2023
335	Chemistry	Christine Jaysaleen, Deepshikha Gupta, Tejendra Gupta	Nonmetal oxide perovskite-based materials (carbon-based perovskites and halide-based perovskites)	Perovskite Metal Oxides: Synthesis, Properties, and Applications	2023
336	Chemistry	Prof. Sunita Rattan, Dr. Aditi sangal	Novel formulation for co-delivery of cinnamon- and cumin-loaded polymeric nanoparticles to enhance their oral bioavailability	3 Biotech	2023
337	Chemistry	Dr. Aditi Sangal	Novel formulation for co-delivery of cinnamon- and cumin-loaded polymeric nanoparticles to enhance their oral bioavailability	3 Biotech	2023
338	Chemistry	Dr. Arindam Modak	One-pot conversion of glucose to 5-hydroxymethylfurfural under aqueous conditions using acid/base bifunctional mesoporous silica catalyst	Renewable Energy	2023
339	Chemistry	Dr Kiran Bajaj	Palladium-Catalyzed Regioselective C-Arylation and C,N-Diarylation of N-Aryl-2,3-dihydrophthalazine-1,4-diones Using Diaryliodonium Salts	Synthesis	2023
340	Chemistry	Manoj Raula	Perovskite in catalysis and electrocatalysis	Perovskite Metal Oxides: Synthesis, Properties, and Applications	2023
341	Chemistry	Dr. Mousumi Sen	Recent Advances and Sustainable approaches	Nature Environment and Pollution Technology	2023
342	Chemistry	Dr. Maumita Das Mukherjee	Reduced Graphene Oxide-Polydopamine-Gold Nanoparticles: A Ternary Nanocomposite-Based Electrochemical Genosensor for Rapid and Early Mycobacterium tuberculosis Detection,	Biosensors,	2023
343	Chemistry	Dr Kiran Bajaj	Rhodium-Catalyzed Regioselective C3Ar Functionalization of Tyrosines with Maleimides and Its Late-Stage Peptide Exemplification	Organic Letters	2023

344	Chemistry	Dr Kiran Bajaj	Rhodium-Catalyzed Regioselective C7Ar-Functionalization of Tryptophan with Quinones and its Late Stage Peptide Exemplification	Asian Journal of Organic Chemistry	2023
345	Chemistry	Rakesh Ranjan, Maumita	Role of nanobiotechnology in maintaining a hygienic environment for the livestock	Nanobiotechnology for the Livestock Industry: Animal Health and Nutrition	2023
346	Chemistry	Dr Tejendra Kumar Gupta	Study of time-resolved photoluminescence decay curves in Al-doped ZnO and Eu-doped Cd1−xZnxS nanophosphors	Applied Physics A	2023

347	Chemistry	Dr Pratibha Sharma	Sustainable Upcycling of Nitrogen-Enriched Polybenzoxazine Thermosets into Nitrogen-Doped Carbon Materials for Contriving High-Performance Supercapacitors.	Energy & Fuels (ACS)	2023
348	Chemistry	Anita Gupta	Synthesis and Applications of Magnetic Nanoparticles: A Review	Modern Magnetic Materials: Properties and Applications	2023
349	Chemistry	Dr Kiran Bajaj	Synthesis of modified bile acids via palladium-catalyzed C(sp3)–H (hetero)arylation	Organic & Biomolecular Chemistry	2023
350	Chemistry	Dr. Sheenam Thatai	Synthesis of Silica Spherical to Y-Shape Nanoparticles: A Review with Surface Modifications and Its Characterization	Analytical Chemistry Letters	2023
351	Chemistry	Dr Kiran Bajaj	Tandem Transformation of Indazolones to Quinazolinones through Pd-Catalyzed Carbene Insertion into an N–N Bond	The Journal of Organic Chemistry	2023
352	Chemistry	Dr. Suman Majumder	The role of magnetization in phase-ordering kinetics of the short-range and long-range Ising model	The European Physical Journal Special Topics	2023
353	Chemistry	Shashi Chawla	Trajectory in biological metal-organic frameworks: Biosensing and sustainable strategies-perspectives and challenges	International Journal of Biological Macromolecules	2023
354	Chemistry	Nirmal Kumar Katiyar	Understanding the evolution of catalytically active multi-metal sites in a bifunctional high-entropy alloy electrocatalyst for zinc-air battery application	Energy Advances	2023
355	Chemistry	Dr Christine Jeyaseelan	Yeast-Mediated Biomass Valorization for biofuel production: A literature review.	Fermentation	2023

356	Chemistry, Physics	Deepshikha Gupta, Tejendra Gupta, Rohit Verma	Carbon Nanotubes and Graphene-Based Sensors for Human and Structural Health Monitoring	Emerging Applications of Carbon Nanotubes and Graphene	2023
357	Chemsitry	Nirmal Kumar Katiyar	A resistance-driven H2 gas sensor: high-entropy alloy nanoparticles decorated 2D MoS2	Nano Scale	2023
358	Chemsitry	Dr. Kumar Rakesh Ranjan	Luminous Insights: Exploring Organic Fluorescent “Turn-On” Chemosensors for Metal-Ion (Cu+2, Al+3, Zn+2, Fe+3) Detection	Journal of Fluorescence	2023
359	Chemsitry	Dr. Kumar Rakesh Ranjan, Dr. Maumita Das Mukherjee	Mxene-based nanocomposites for biosensing: Recent developments and future prospects	FlatChem	2023
360	Chemsitry	Nirmal Kumar Katiyar	Unleashing Enhanced Compressive Strength: 3D Printed Octopus-Inspired Suction Cups using topological engineering	ACS Applied Polymer Materials	2023
361	Mathematics	Prof. Vijay Kumar	A hybrid novel fuzzy AHP-TOPSIS technique for selecting parameter-influencing testing in software development	Decision Analytics Journal	2023
362	Mathematics	H. D. Arora, Dr. Anjali Naithani	A Multi-Criteria Decision Approach using Divergence Measures for Selection of the Best COVID-19 Vaccine	Springer Proceedings in Mathematics and Statistics	2023

363	Mathematics	H. D. Arora, Dr. Anjali Naithani	A new definition for quartic fuzzy sets with hesitation grade applied to multi-criteria decision-making problems under uncertainty	Decision Analytics Journal	2023
364	Mathematics	Dr Sacheendra Shukla	A NEW SPHERICALLY SYMMETRIC ANISOTROPIC NEUTRON STAR MODEL USING FIELD EQUATIONS	Suranaree J. Sci. Technol.	2023
365	Mathematics	Dr. Abhinava Srivastav	A special phenomenon of wave interactions: An application of nonlinear evolution equation in (3+ 1)-dimension	Communications in Nonlinear Science and Numerical Simulation	2023
366	Mathematics	Dr. Vandani Verma	A Study on Quantum Cryptography and Its Need	Studies in Computational Intelligence	2023
367	Mathematics	Prof. (Dr.) Mandeep Mittal	A Supply Chain Model with Learning Effect and Crdeit Financing Policy ofr Imperfect Quality Items under Fuzzy Environment	Axioms	2023
368	Mathematics	Prof. (Dr.) Mandeep Mittal	A Sustainable Green Supply Chain Model with Carbon Emissions for Defective Items under Learning in a Fuzzy Environment	Journal of Mathematics	2023
369	Mathematics	Prof. (Dr.) Mandeep Mittal, Riju Chaudhary	A Sustainable Inventory Model for Defective Items under Fuzzy Environment	Decision Analytics Journal	2023
370	Mathematics	Jayanti Pandey	Advanced Statistical, Mathematical and Computational Techniques with Case Studies/Comparative Study of Rough Sets for Decision Making in if Approximation Space: A New Approach	Advances in Pure and Applied Algebra	2023
371	Mathematics	H. D. Arora, Dr. Anjali Naithani	AN ANALYSIS OF CUSTOMER PREFERENCES OF AIRLINES BY MEANS OF DYNAMIC APPROACH TO LOGARITHMIC SIMILARITY MEASURES FOR PYTHAGOREAN FUZZY SETS	Palestine Journal of Mathematics	2023
372	Mathematics	Prof. Vijay Kumar	An optimal software enhancement and customer growth model	International Journal of Quality & Reliability Management	2023
373	Mathematics	Dr. Sumit Kaur Bhatia, Riju Chaudhary	An Overview of Blockchain Technology and Its Adoption in Industry	Recent Advances in Blockchain Technology	2023
374	Mathematics	Dr Sacheendra Shukla	Anisotropic fluid solution in f (Q) gravity satisfying vanishing complexity factor	Physica Scripta	2023

375	Mathematics	Dr. Rupakshi Mishra Pandey	Applications of Elzaki decomposition method to fractional relaxation-oscillation and fractional biological population equations	Applied Mathematics in Science and Engineering	2023
376	Mathematics	Rupakshi Mishra Pandey	Bicomplex r-Parameter Mittag-Leffler Function and Associated Properties	IAENG International Journal of Applied Mathematics	2023
377	Mathematics	Dr Divya Agarwal, Dr Shweta Upadhyaya	Convexity analysis and cost optimization of a retrial queue with Bernoulli vacation and delayed phase mending	International Journal of System Assurance Engineering and Management	2023
378	Mathematics	Dr Divya Agarwal, Dr Shweta Upadhyaya	Cost optimisation of a heterogeneous server queueing system with working breakdown using PSO	International Journal of Mathematics in Operational Research	2023
379	Mathematics	Dr Rashmi Singh	Decision-Making in Mask Disposal Techniques Using Soft Set Theory.	Computational Intelligence	2023
380	Mathematics	Prof. (Dr.) Mandeep Mittal	Designing obstacle's map of an unknown place using autonomous drone navigation and web services	International Journal of Pervasive Computing and Communications	2023
381	Mathematics	Dr. Sumit Kaur Bhatia	Different Variants of Bernstein Kantorovich Operators and Their Applications in Sciences and Engineering Field	CHAOS Theory and Applications	2023
382	Mathematics	Riju Chaudhary	Diseased Predator–Prey Model Incorporating Herd Behaviour in Prey: A Study Under an Alternative Food Source Scenario.	In Mathematical and Computational Modelling of Covid-19 Transmission (pp. 197-214).	2023
383	Mathematics	Dr. Kuldeep Chaudhary	Dynamic Advertising-based Goodwill Incorporating Fuzzy Environment in Segment-Specific Market	International Journal of Mathematical, Engineering and Management Sciences	2023
384	Mathematics	Dr. Sumit Kaur Bhatia	Dynamics of delayed competition model under the influence of pollution and disease	Mathematics in Science, Engineering and Aerospace (MESA)-Non linear Studies	2023
385	Mathematics	Dr Lovely Jain	Effect of Blood Viscosity Variation on the Flow of Blood in an Artery Having Time Dependent Stenosis	Contemporary Mathematics	2023
386	Mathematics	Prof. Vijay Kumar, Dr. Sumit Kaur Bhatia	Effects of Incorporating Double Time Delays in an Investment Savings-Liquidity Preference Money Supply (IS-LM) Model	International Journal of Bifurcation and Chaos	2023
387	Mathematics	Dr. Surbhi Gupta	Envisaging Modularity Detecting Communities in Networks: Gephi Visuals	Evergreen Journal	2023

388	Mathematics	Dr Rashmi Singh	ES Structure Based on Soft J-Subset	MATHEMATICS	2023
389	Mathematics	Dr. Shashank Goel	Final epidemic size and optimal control of socio-economic multi-group influenza model	Journal of Engineering Mathematics	2023
390	Mathematics	Dr. Pawan Kumar Sharma	Impact of Arrhenius activation energy on MHD nanofluid flow past a stretching sheet with exponential heat source: A modified Buongiorno's model approach	International Journal of Modern Physics B	2023
391	Mathematics	Dr. Sumit Kaur Bhatia	Impact of fiscal policy delays on the system dynamics of IS-LM model: A mathematical model approach	Results in Control and Optimization	2023
392	Mathematics	Kuldeep Chaudhary	Impact of Goodwill on Consumer Buying through Advertising in a Segmented Market: An Optimal Control Theoretic Approach	Axioms	2023
393	Mathematics	Dr. Surbhi Gupta	Implementing the Algebra of Logic Approach to Analyse the Stochastic Behaviour of an Industrial Ice Cream Plant	Evergreen Journal	2023
394	Mathematics	Prof. (Dr.) Mandeep Mittal	Joint Decisions on Imperfect Production Process and Carbon Emission Reduction Under Carbon Regulations.	Springer Proceedings in Mathematics & Statistuics book series (PROMS, Volume 410)	2023
395	Mathematics	Dr. Sumit Kaur Bhatia	King Type (p,q)-Bernstein Schurer Operators	Thai Journal of MAthematics	2023
396	Mathematics	Dr Ritu Gupta	Modeling the Role of Testing Coverage in the Software Reliability Assessment	International Journal of Mathematical, Engineering and Management Sciences	2023
397	Mathematics	Prof. Vijay Kumar	mpact of Goodwill on Consumer Buying through Advertising in a Segmented Market: An Optimal Control Theoretic Approach		2023
398	Mathematics	Dr Ritu Gupta	Multi-Release Software Reliability Assessment: Testing Coverage Based Approach	International Journal of Mathematics & Operation Research (IJMOR)	2023
399	Mathematics	H. D. Arora, Dr. Anjali Naithani	Novel pythagorean fuzzy entropy-distance measures using MCDM in the selection of face masks	Advances in Soft Computing Applications	2023

400	Mathematics	Dr. Rupakshi Mishra Pandey	On Bessel-Maitland Function and m-Parameter Mittag-Leffler Function Associated with Fractional Calculus Operators and its Applications	Applied Mathematics & Information Sciences An International Journal	2023
401	Mathematics	Dr. Surbhi Gupta	On Existence of Prime K-Tuples Conjecture for Positive Proportion of Admissible K-Tuples	Baghdad Science Journal	2023
402	Mathematics	Jayanti Pandey	On fuzzy small and pseudo projectives – a conditioned class of fuzzy projective modules	Advances in Pure and Applied Algebra	2023
403	Mathematics	Rupakshi Mishra Pandey	On some new inequalities and fractional kineticequations associated with extended gausshypergeometric and con°uenthypergeometric function	International Journal of Mathematics for Industry	2023
404	Mathematics	Dr. H. D. Arora, Dr. Anjali Naithani, Dr. Surbhi Gupta	OPTIMAL SOFTWARE RELIABILITY PREDICTION USING CRITERIA WEIGHTS UNDER FUZZY DECISION-MAKING APPROACH	Reliability: Theory and Applications	2023
405	Mathematics	Dr Divya Agarwal, Dr Shweta Upadhyaya	Optimization of a stochastic model having erratic server with immediate or delayed repair	Annals of Operations Research	2023
406	Mathematics	Jayanti Tripathi Pandey	Optimizing Inventory Management: A Comprehensive Analysis of Models Integrating Diverse Fuzzy Demand Functions	Mathematics	2023
407	Mathematics	Dr. Surbhi Gupta	Performance assessment of metal sheet manufacturing plant using Boolean function technique	Material Today Proceedings	2023
408	Mathematics	Dr Divya Agarwal, Dr Shweta Upadhyaya	Queueing and Reliability Analysis of Unreliable Multi-server Retrial queue with Bernoulli feedback	Carpathian Journal of Mathematics	2023
409	Mathematics	Dr. Surbhi Gupta	Reliability Estimation ofa degradable system using intuitionistic fuzzy weibullkife time Distribution	Evergreen Journal	2023
410	Mathematics	Amit Tomar	Similarity Solution for a System of Fractional-Order Coupled Nonlinear Hirota Equations with Conservation Laws	Mathematics	2023
411	Mathematics	Dr. Sumit Kaur Bhatia	SIRC epidemic modelwithcross-immunityandmultiple time delays	Journal of Mathematical Biology	2023
412	Mathematics	Dr. H. D. Arora, Dr. Anjali Naithani	Some distance measures for triangular fuzzy numbers under technique for order of preference by similarity to ideal solution environment	OPSEARCH	2023
413	Mathematics	Dr. H. D. Arora, Dr. Anjali Naithani	Some New Correlation Coefficient Measures Based on Fermatean Fuzzy Sets using Decision Making Approach in Pattern Analysis and Supplier Selection	International Journal of Mathematical, Engineering and Management Sciences	2023

414	Mathematics	Rupakshi Mishra Pandey	Some Results of Extended τ-Gauss Hypergeometric Function and τ-Kummer Hypergeometric Function by Using Wiman's Function	Poincare Journal of Analysis and Applications	2023
415	Mathematics	Prof. (Dr.) Mandeep Mittal	Stochastic behavior of exchange rate on an international supply chain under random energy price	Mathematics and Computers in Simulation	2023
416	Mathematics	Dr. Sumit Kaur Bhatia	Time delays in skill development and vacancy creation: Effects on unemployment through mathematical modelling	Communications in Nonlinear Science and Numerical Simulation	2023
417	Mathematics	Dr. Kuldeep Chaudhary	Understanding the role of CD8-cell response in HIV control through dynamical analysis: Role of CD8-cell in HIV control	Results in Control and Optimization	2023
418	Mathematics	Dr Shweta Upadhyaya	Unwillingness for vaccination in India: Real-life data application with queueing analysis of Covid-19 mode	Mathematics in Science, Engineering and Aerospace (MESA)-Non linear Studies	2023
419	Physics	Dr G N Pandey	Structural confirmation and spectroscopic signature of N-Allyl-2-hydroxy-5-methyl-3-oxo-2, 3-dihydrobenzofuran-2-carboxamide and its monohydrate cluster.	Journal of Molecular Structure	2023
420	Physics	Pramila Shukla	A DFT+U Based Study of Full-Heusler Alloy Ru2VSi	Macromolecular Symposia	2023
421	Physics	Ravi Kant Choubey	Antibacterial studies of ZnO and silica capped manganese doped zinc sulphide nanostructures	Applied Physics A: Materials Science and Processing,	2023
422	Physics	Pramila Shukla	Atomic Squeezing in a M Two-Level Atoms System	Nonlinear Optics Quantum Optics	2023
423	Physics	Dr Sanjeev K Srivstava	Bandgaps of microwave photonic crystals: Study of quasi-periodic metamaterial multilayers	Materials Science and Engineering: ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2023
424	Physics	Gagan Sharma	Boron migration during amorphous to crystalline transformation in CoFeB/MgO multilayers: A reflectivity study	Materials Research Bulletin	2023
425	Physics	Dr. Gaurav Sharma, Dr. Rohit Verma	Carbon Footprint Analysis of Green Composites	Sustainability of Green and Eco-friendly Composites	2023
426	Physics	Dr U C Srivastava	Characterization of Platinum (Pt) Based Nanocomposite Thin Films	Oriental Journal of Chemistry	2023

427	Physics	R S Pandey	Comment on “Interaction of Ion Cyclotron Electromagnetic Wave with Energetic Particles in the Existence of Alternating Electric Field Using Ring Distribution” by Shukla KN, Kumari J, Pandey RS	Journal of Astronomy and Space Sciences	2023
428	Physics	Gagan Sharma/KavitaSharma	Cu interfaced Fe/Pt multilayer with improved (001) texture, enhanced L10 transformation kinetics and high magnetic anisotropy	Journal of Magnetism and Magnetic Materials	2023
429	Physics	Venkatesh Mishra, Satyendra Pratap Singh, Mamta Singh, Vishal Singh Chandel, Rajiv Manohar,	Dielectric Study of Two Medicinal Oils: Castor Oil and Wheat Oil	Materials Today: Proceedings	2023
430	Physics	Jyoti Katyal	Effect of Monomers and mUltimers of Gold Nanostars on localised surface plasmon resonace and Field enhancement,	Plasmonic	2023
431	Physics	S.P. Singh	Effect of Zn Doping on Structural/Microstructural, Surface Topography, and Dielectric Properties of Bi2Fe4O9 Polycrystalline Nanomaterials	ACS Omega	2023
432	Physics	Dr. Ashok Kumar	Energetic neutral particle generation by laser using gold nanorod embedded CH foil	The European Physical Journal D	2023
433	Physics	Dr G N Pandey	Enhanced Dielectric and Electrical Properties of Polystyrene-2% divinyl benzene (PDB) embedded in SrTiO3-Poly (vinylidene fluoride) Three Phase Composite Films	*International Journal for Light and Electron Optics*	2023
434	Physics	Dr. Gautam Singh	Evidence of cholesterol crystallization along with smectic layers in ferroelectric liquid crystal	Journal of Molecular Liquids	2023
435	Physics	Ravi Kant Choubey	Faults Diagnosis Using AI and ML	Artificial Intelligence Techniques in Power Systems Operations and Analysis	2023
436	Physics	U. C. Srivastava	Green synthesis of nanostructures from rice straw food waste to improve the antimicrobial efficiency: New insight	International Journal of Food Microbiology	2023
437	Physics	Dr. Gautam Singh	Indium tin oxide nanoparticles induced molecular rearrangement in nematic liquid crystal material	Journal of Molecular Liquids	2023
438	Physics	Dr. Gautam Singh	Indium tin oxide nanoparticles induced tunable dual alignment in nematic liquid crystal	Journal of Molecular Liquids	2023

439	Physics	Dr. Ashok Kumar	Intense laser pulse interaction with a nanofoil and generation of energetic protons in underdense upstream plasma	European Physical Journal D	2023
440	Physics	Prof.R.S. Pandey	Interaction of Ion Cyclotron Electromagnetic Wave with Energetic Particles in the Existence of Alternating Electric Field Using Ring	Distribution. J. Astron. Space Sci.	2023
441	Physics	Dr. Ashok Kumar	Investigating the Influence of Minimum Segment Width in Volumetric-modulated Arc Planning of Prostate Cancer	Turkish Journal of Oncology	2023
442	Physics	Dr. Gaurav Sharma	Investigations on spectroscopic and optothermal ability of bright red-emitting Cr doped LiAlSi3O8 nanophosphor	Optix	2023
443	Physics	Dr U C Srivastava	Lattice dynamical study and ultrasonic properties of thorium carbide (ThC)	Scope Journal	2023
444	Physics	Dr. Gaurav Sharma, Rohit Verma	Life Cycle Assessment of Eco-Friendly Composites	Sustainability of Green and Eco-friendly Composites	2023
445	Physics	Dr. Gautam Singh	Light-Controlled Rotational Speed of an Acoustically Levitating Photomobile Polymer Film	Materials	2023
446	Physics	Dr. A K Shukla	Luminescence intensity ratio based wide range contactless temperature sensing properties of Er3+/Yb3+ ions co-doped La2Ti2O7 ceramics	JOURNAL OF Alloys and Compounds	2023
447	Physics	Surbhi Malik	MOLECULAR GEOMETRY, HOMO-LUMO ANALYSIS AND MULLIKEN CHARGE DISTRIBUTION OF 2,6-DICHLORO-4-FLUORO PHENOL USING DFT AND HF METHOD	East European Journal of Physics	2023
448	Physics	Dr Shivani	Multi States Swapping and Entanglement Diversion	Nonlinear Optics Quantum Optics	2023
449	Physics	R. Kataria, B. Parida, PK Mohanty etal	Muon flux measurements and their angular distribution with the new muon telescope at GRAPES-3 experiment	Proceedings of Science(POS)-SISSA	2023
450	Physics	Dr. Pramila Shukla	Observation of Amplitude Squared Squeezing in a System of Multi Two-Level Atoms	Nonlinear Optics Quantum Optics	2023
451	Physics	Dr. Gaurav Sharma	Photophysical and temperature dependent analysis of Sm activated LiAlSi3O8 nanophosphor	Journal of Luminescence	2023

452	Physics	Dr.Jyoti Katyal	Plasmon Tunability and Field Enhancement of Gold Nanostar	Nanoscience and Nanotechnology - Asia	2023
453	Physics	Suresh Chandra	Potential spectral lines of ethanimine (CH3CHNH) - an important possible precursor of amino acids	New Astronomy	2023
454	Physics	Suresh Chandra	Predictions of gas-phase methanimine (CH2NH) abundance in cold cores	Monthly Notices of the Royal Astronomical Society	2023
455	Physics	Dr. Ashok Kumar	Rayleigh-Taylor instability of radiation pressure driven foils: 2D effects	Physica Scripta	2023
456	Physics	Dr. Gautam Singh	Recent advances and future perspectives of photoluminescent liquid crystals and their nanocomposites for emissive displays and other tunable photonic devices	Journal of Molecular Liquids	2023
457	Physics	Dr. Gautam Singh	Recent advances and future perspectives on nanoparticles-controlled alignment of liquid crystals for displays and other photonic devices	Critical Reviews in Solid State and Materials Sciences	2023
458	Physics	Jyoti Katyal	Responsive PNIPAM coated Au core-shell nanoparticle for optical sensing,	Bulgarian Chemical Communications,	2023
459	Physics	Dr Anoop Kumar Shukla	Rietveld refined structural, dielectric, and impedance properties of lead-free 1-x(K0.4Na0.6Nb0.96Sb0.04O3)-x(Bi0.5K0.5TiO3) (0.00 £ x £ 0.07) composites	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2023
460	Physics	Dr Shivani	Simulating LiH on IBM Qiskit	Nonlinear Optics Quantum Optics	2023
461	Physics	Suresh Chandra	Sobolev analysis of methanimine with large number of levels: requirement of collisional rate coefficients	Indian Journal of Physics	2023
462	Physics	Surbhi	Stirring effect of CuS deposition over cotton thread for photocatalysis and electrical application	Chemical Physics Impact	2023
463	Physics	Dr. Ravi Kant Choubey	Study of time-resolved photoluminescence decay curves in Al-doped ZnO and Eu-doped Cd1−xZnxS nanophosphors	Applied Physics A: Materials Science & Processing	2023
464	Physics	Dr Shivani A Kumar	Subdivision of Measurement Results of Entanglement Swapping	Nonlinear Optics Quantum Optics-CONCEPTS IN MODERN OPTICS	2023
465	Physics	Dr. Gaurav Sharma, Dr. Rohit Verma	Sustainable Green Composites for Packaging Applications	Sustainability of Green and Eco-friendly Composites	2023

466	Physics	Gagan Sharma/Kavita Sharma	Ta interfaced CoFeB: Role of CoFeB thickness and thermal annealing in modification of structural and magnetic properties	Surfaces and Interfaces	2023
467	Physics	Dr U C Srivastava	Thermophysical and lattice vibrational study of thorium telluride (ThTe) by use of three-body force shell model	International Journal of Modern Physics B	2023
468	Physics	Dr Rohit Verma	To study the Multimodality End-to-end Testing for Bilateral Metallic Implant in Pelvis	TURKISH JOURNAL of ONCOLOGY	2023
469	Physics	Dr. Gautam Singh	Tunable dielectric and memory features of ferroelectric layered perovskite Bi4Ti3O12 nanoparticles doped nematic liquid crystal composite	Journal of Molecular Liquids	2023
470	Physics	Dr. Gautam Singh	Tunable optical, electro-optical and dielectric properties of eco-friendly graphene quantum dots-nematic liquid crystal composites	Liquid Crystals	2023
471	Physics	Dr U C Srivastava	Ultrasonic and Thermophysical Properties of Potassium Halides Crystals	Journal of Physical Science	2023
472	Statistics	Dr. Anu Sirohi	Biased proportional hazard regression estimator in the existence of collinearity	Helion	2023
473	Statistics	Dr. Niraj Kumar Singh	Development of ionic liquid-capped carbon dots derived from Tecoma stans (L.) Juss. ex Kunth: Combatting bacterial pathogens in diabetic foot ulcer pus swabs, targeting both standard and multi-drug resistant strains	South African Journal of Botany	2023
474	Statistics	Karthick S; B. Anjanee Kumar; Puneet Sethi; Niraj Kr Singh; Supriya Srivastava; P Vishnu Prasanth	Optimization Models and Educational Teaching Research in Agricultural Logistics System		2023
475	Statistics	Dr. Bavita Singh	Relations For Moments Of Log-Kumaraswamy Distribution Based On Generalized Order Statistics And Associated Inferences	Applied Mathematics E-Notes	2023
476	Chemistry	A. AGARWAL1, , M. SEN2, and M. KANT	Effective Bioremediation of Zinc(II) with Fusarium sp. in Batch and Continuous Studies	Asian Journal of Chemistry	2022
477	Mathematics	Payal Rana, Dinkar Jha, Sudipa Chauhan	Dynamical Analysis on Two Dose Vaccines in the Presence of Media	JORNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS	2022

478	Mathematics	Olcay Akman, Sudipa Chauhan , Aditi Ghosh , Sara Liesman, Edwin Michael, Anuj Mubayi , Rebecca Perlin , Padmanabhan Seshaiyer, Jai Prakash Tripathi	The Hard Lessons and Shifting Modeling Trends of COVID-19 Dynamics: Multiresolution Modeling Approach	Bulletin of Mathematical Biology	2022
479	Physics	Depanshu Varshney, Anu, Jai Prakash, Vinay Pratap Singh, Kamlesh Yadav and Gautam Singh	Probing the impact of bismuth-titanate based nanocomposite on the dielectric and electro-optical features of a nematic liquid crystal material	Journal of Molecular Liquids	2022
480	Physics	Ajay Kumar, Priyam, Harikesh Meena, Jai Prakash, Ling Wang and Gautam Singh	Recent advances on semiconducting nanomaterials–ferroelectric liquid crystals nanocomposites	Journal of Physics: Condensed Matter	2022
481	Physics	Ajay Kumar, Dharmendra Pratap Singh and Gautam Singh	Recent progress and future perspectives on carbon-nanomaterial-dispersed liquid crystal composites	Journal of Physics D: Applied Physics	2022
482	Chemistry	Manoj Kumar, Sushil K Pandey and Deepshikha Gupta	A convenient cascade strategy towards the synthesis of novel substituted morpholinopyrimidines and pyrimidooxazapines	Letters in Organic Chemistry	2021
483	Chemistry	Mehra, S., Nisar, S., Chauhan, S., ...Singh, V., Rattan, S	A dual stimuli responsive natural polymer based superabsorbent hydrogel engineered through a novel cross-linker	Polymer Chemistry	2021
484	Chemistry	Christine Jeyaseelan, Antil Jain, Ravin Jugade	A GREEN METHOD FOR THE REMOVAL OF ZINC(II) IONS FROM WASTEWATER USING MODIFIED BIOPOLYMERS	Progress on Chemistry and Application of Chitin and its Derivatives	2021
485	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	A short review on synthetic strategies toward glitazone drugs	Synthetic Communications	2021
486	Chemistry	Hema Bhandari, Seema Garg, Ritu Gaba	Advanced Nanocomposites for Removal of Heavy Metals from Wastewater	Macromolecular Symposia	2021
487	Chemistry	Sachchidanand Soaham Gupta, Vivek Mishra, Maumita Das Mukherjee, Parveen Saini, Kumar Rakesh Ranjan	Amino acid derived biopolymers: Recent advances and biomedical applications	International Journal of Biological Macromolecules	2021
488	Chemistry	Gupta, S.S., Mishra, V., Mukherjee, M.D., Saini, P., Ranjan, K.R.	Amino acid derived biopolymers: Recent advances and biomedical applications	International Journal of Biological Macromolecules	2021
489	Chemistry	NikitaSharmaabZsoltPapacdIstvánSzékelyceMonicaFocsancGáborKaracsfZoltanNemethbSeemaGarggKlaraHernadi	Combination of iodine-deficient BiOI phases in the presence of CNT to enhance photocatalytic activity towards phenol decomposition under visible light	Applied Surface Science	2021

490	Chemistry	Shubhangi Madan, Urvashi Thapa, Sangeeta Tiwari, Sandeep Kumar Tiwari, Suresh Kumar Jakka, Manuel Jorge Soares	Designing of a nanoscale zerovalent iron@ fly ash composite as efficient and sustainable adsorbents for hexavalent chromium (Cr (VI)) from water	Environmental Science and Pollution Research	2021
491	Chemistry	Damini Verma, Deepika Chauhan, Maumita Das Mukherjee, Kumar Rakesh Ranjan, Amit K. Yadav, Pratima R. Solanki	Development of MWCNT decorated with green synthesized AgNps-based electrochemical sensor for highly sensitive detection of BPA	Journal of Applied Electrochemistry	2021
492	Chemistry	Harshita Chawla, Meghna Saha, Sumant Upadhyay, Jyoti Rohillac, Pravin Popinand Ingole, Andras Sapi, Imre Szenti, Mohit Yadav ,Vasily T. Lebedev,Amrish Chandra ,Seema Garga*	Enhanced photocatalytic activity and easy recovery of visible light active MoSe2/BiVO4 heterojunction immobilized on Luffa Cylindrica- Experimental and DFT study	Environmental Science:Nano	2021
493	Chemistry	Suresh Sagadevan, Jayasingh Anita Lett, Getu Kassegn Weldegebrieal, Seema Garg, Won-Chun Oh, Nor Aliya Hamizi and Mohd Rafie Johan	Enhanced Photocatalytic Activity of rGO-CuO Nanocomposites for the Degradation of Organic Pollutants	Catalysts	2021
494	Chemistry	Damini Verma , Amit K. Yadav, Maumita Das Mukherjee, Pratima R. Solanki	Fabrication of a sensitive electrochemical sensor platform using reduced graphene oxide-molybdenum trioxide nanocomposite for BPA detection: An endocrine disruptor	Journal of Environmental Chemical Engineering	2021
495	Chemistry	Monika Mishra, Avanish Pratap Singh, Manish Kumar, Tejendra Kumar Gupta, Hema Bhandari, Mahesh Chand	Investigation of the microwave absorbing properties on polymer sheets	Journal of Materials Science: Materials in Electronics	2021
496	Chemistry	Kumari V., Aditi Sangal and Mehta, R.	Kinetic Release Study of Arjuna Terminalia filled Poly Lactic-co- Glycolic Acid (PLGA) Nanoparticles	Trends in Biomaterials & Artificial Organs	2021
497	Chemistry	Prateek Rai, Deepshikha Gupta	Magnetic nanoparticles as green catalysts in organic synthesis-a review	Synthetic communications	2021
498	Chemistry	S.B.DhanalekshmiaR.Priy aaK.Tamizh SelvibK.Alamelu MangaibGetu KassegnWeldegebriealcS eemaGargdSureshSagade vane	Microwave-assisted synthesis, characterization and photocatalytic activity of mercury vanadate nanoparticles	Inorganic Chemistry Communications	2021

499	Chemistry	Ankita Thakuria, Bharti Kataria & Deepshikha Gupta	Nanoparticle-based methodologies for targeted drug delivery—an insight Journal of Nanoparticle Research	Journal of Nanoparticle Research	2021
500	Chemistry	Brijesh Kumar Shukla, Himanshi Tyagi, Hema Bhandari, Seema Garg	Nanotechnology-Based Approach to Combat Pandemic COVID 19: A Review	Macromolecular Symposia	2021
501	Chemistry	HarshitaChawla, AmrishChandra, Pravin Popinand Ingole, SeemaGarg	Recent advancements in enhancement of photocatalytic activity using bismuth- based metal oxides Bi2MO6 (M= W, Mo, Cr) for environmental remediation and clean energy production	Journal of Industrial and Engineering Chemistry	2021
502	Chemistry	Himanshi Tyagi, Harshita Chawla, Hema Bhandari, Seema Garg	Recent-enhancements in visible-light photocatalytic degradation of organochlorines pesticides: A review	Material today Proceedings	2021
503	Chemistry	M.S.Goyat, Amrita Hooda, Tejendra K.Gupta, Kaushal Kumar, Sudipta Halder, P.K.Ghosh, Brijnandan S.Dehiya	Role of non-functionalized oxide nanoparticles on mechanical properties and toughening mechanisms of epoxy nanocomposites	Ceramics International	2021
504	Chemistry	András Sápi, Suresh Mutyala, Seema Garg, Mohit Yadav, Juan F. Gómez-Pérez, Fanni Czirok, Zita Sándor, Klara Hernadi, Ferenc Farkas, Sebastijan Kovačič, Ákos Kukovecz & Zoltán Kónya	Size controlled Pt over mesoporous NiO nanocomposite catalysts: thermal catalysis vs. photocatalysis	Journal of Porous Material	2021
505	Chemistry	Manpreet Kaur , Prashant Kumar , Anita Gupta , Veeranna Yempally , Harminder Kaur	Sn coated Fe3O4 nanoparticles for selective and efficient oxidation of anthracene to anthraquinone	Materials Letters	2021
506	Chemistry	Zsejke-Réka Tóth, Saurav Kumar Maity, Tamás Gyulavári, Eniko˝Bárdos, Lucian Baia, Gábor Kovács, Seema Garg, Zsolt Pap ,* and Klara Hernadi	Solvothermal Crystallization of Ag/AgxO-AgCl Composites: Effect of Different Chloride Sources/Shape-Tailoring Agents	Catalysts	2021
507	Chemistry	Khurana, N., Arora, P., Pente, A.S., ...Kaushik, C.P., Rattan, S.	Surface modification of zinc oxide nanoparticles by vinyltriethoxy silane (VTES)	Inorganic Chemistry Communications	2021
508	Chemistry	Deepshikha Gupta, Vabhika Rishi, Tejendra K Gupta	Synthesis of MFe2O4 (M: Cu, Mn, Co, Ni) magnetic nanoparticles and their efficient catalytic role in nitrophenol reduction	Materials Research Innovations	2021

509	Chemistry	Nisar, S., Pandit, A.H., Nadeem, M., ...Rizvi, M.M.A., Rattan, S	γ-Radiation induced L-glutamic acid grafted highly porous, pH-responsive chitosan hydrogel beads: A smart and biocompatible vehicle for controlled anti-cancer drug delivery	Journal of Biological Macromolecules	2021
510	Mathematics	Saniya Batra, Prakriti Rai	A Class of Laguerre-Based Generalized Humbert Polynomials	International Journal of Differential Equations	2021
511	Mathematics	Taruna,, Arora, H.D., Tiwari, P.	A new parametric generalized exponential entropy measure on intuitionistic vague sets	International Journal of Information Technology	2021
512	Mathematics	Divya Agarwal, Radhika Agarwal, Aditi Sharma	A Review on Queuing Systems with Working Breakdown	Global Journal of Modeling and Intelligent Computing (GJMIC)	2021
513	Mathematics	Rita Yadav Mandeep Mittal Navneet Kumar Lamba Mahesh Kumar Jayaswal	A Stackelberg Game Approach in Supply Chain for Imperfect Quality Items with Learning Effect in Fuzzy Environment	Soft Computing in Inventory Management: Book	2021
514	Mathematics	P.N. Agrawal, Neha Bhardwaj, Jitendra Kumar Singh	Approximation degree of bivariate Kantorovich Stancu operators	Journal of non linear science and applications	2021
515	Mathematics	Madhu Jain; Anuradha Jain;Ritu Gupta	Availability Analysis of Repairable Software and Hardware System with Spares	Global Journal of Modeling and Intelligent Computing (GJMIC)	2021
516	Mathematics	Chandola Ankita, Pandey R. M., and Agarwal Ritu	Bessel-maitland function of several variables and its properties related to integral transforms and fractional calculus.	Applications and Applied Mathematics: An International Journal, Volume 16, Issue 1, Article 23.	2021
517	Mathematics	P. N. Agrawal, Neha Bhardwaj, Praveen Bawa	Bezier variant of modified α-Bernstein operators	Rendiconti del Circolo Matematico di Palermo Series	2021
518	Mathematics	Preeti Gupta, Sunil Hans, and Abdullah Mir	Bounds for the derivative of a certain class of rational functions	Note di Matematica	2021
519	Mathematics	Hemant Gandhi, Amit Tomar, DImple Singh	Conservation laws and exact series solution of fractional-order Hirota–Satsuma-coupled Korteveg–de Vries system by symmetry analysis	Mathematical Methods in Applied Sciences	2021
520	Mathematics	Ritu Gupta, Divya Agarwal	Cost analysis of N-policy vacation machine repair problem with optional repair	IJMOR	2021
521	Mathematics	Malik, G., Upadhyaya, S. and Sharma, R.	Cost Inspection of a Geo/G/1 retrial model using Particle Swarm Optimization and Genetic Algorithm	Ain Shams Engineering Journal (Elsevier	2021

522	Mathematics	Payal Rana, Kuldeep Chaudhary, Sudipa Chauhan	DYNAMICAL ANALYSIS AND OPTIMAL CONTROL PROBLEM OF IMPACT OF VACCINE AWARENESS PROGRAMS ON EPIDEMIC SYSTEM	Communication in Mathematical Biology and neuroscience	2021
523	Mathematics	Mamta Barik, Chetan Swarup, Teekam Singh, Sonali Habbi, Sudipa Chauhan	Dynamical analysis, Optimal control and Spatial Pattern in an Influenza model with adaptive immunity in two stratified population	AIMS Mathematics	2021
524	Mathematics	Pankaj Gulati, Sudipa Chauhan(corresponding), Anuj Mubayi, Teekam Singh, Payal Rana	Dynamical Analysis, Optimum Control and Pattern formation in the biological pest (EFSB) control model	Chaos, Solitons and Fractals: the interdisciplinary journal of Nonlinear Science, and Non-equilibrium and Complex Phenomena	2021
525	Mathematics	Vandana Kumari, Sudipa Chauhan(corresponding), Joydip Dhar	Dynamics of Pest Population: Effect of diseased pest and pesticide	Nonlinear Studies,	2021
526	Mathematics	Mandeep Mittal*, Mehak Sharma	Economic Ordering Policies for Growing Items (Poultry) with Trade-Credit Financing	International Journal of Applied and Computational Mathematics, Springer	2021
527	Mathematics	Mahesh Kumar Jayaswal Mandeep Mittal Isha Sangal	Effect of Credit Financing on the Learning Model of Perishable Items in the Preserving Environment	Decision Making in Inventory Management: Book	2021
528	Mathematics	Gupta, Aakanshi, Bharti Suri, Vijay Kumar, and Pragyashree Jain	Extracting rules for vulnerabilities detection with static metrics using machine learning	International Journal of System Assurance Engineering and Management	2021
529	Mathematics	Leena Kathuria, Shashank Goel and Nikhil Khanna	Fourier–Boas-Like Wavelets and Their Vanishing Moments	Journal of Mathematics	2021
530	Mathematics	Kaur, Jasmine, Adarsh Anand, Ompal Singh, and Vijay Kumar.	Measuring Software Reliability under the Influence of an Infected Patch	Yugoslav Journal of Operations Research	2021
531	Mathematics	Agarwal Ritu, Chandola, Ankita, Pandey R.M. and Nisar K.S	m-parameter Mittag–Leffler function, its various properties, and relation with fractional calculus operators.	Mathematical Methods in the Applied Sciences, 44(7):5365–5384	2021
532	Mathematics	Dr. Shashank Goel & Tripti Mittal	On Near Exact G-Banach Frames	Poincare Journal of Analysis and Applications	2021
533	Mathematics	DINESH T., S. HANS, BABITA TYAGI	ON THE DERIVATIVE OF A RATIONAL POLYNOMIAL WITH PRE SCRIBED POLES	Journal of Mathematical Inequalities	2021

534	Mathematics	Kuldeep Chaudhary (Corresponding and first author), Shivani Bali, Sunita Mehta (Sharma)	Optimal Promotional Effort Policy for Innovation Diffusion Model in a Fuzzy Environment	Journal of Information Technology Management, 2021, 13(1), pp. 142–161	2021
535	Mathematics	Kuldeep Chaudhary, Pradeep Kumar, Sudipa Chauhan, Vijay Kumar	Optimal promotional policy of an innovation diffusion model incorporating the brand image in a segment-specific market	Journal of Management Analytics	2021
536	Mathematics	Kuldeep Chaudhary, Pradeep Kumar, Sudipa Chauhan, Vijay Kumar	Optimal promotional policy of an innovation diffusion model incorporating the brand image in a segment-specific market	Journal of Management Analytics	2021
537	Mathematics	Malik, G., Upadhyaya, S. and Sharma, R.	Particle swarm optimization and maximum entropy results for MX/G/1 retrial G-queue with delayed repair	International Journal of Mathematical, Engineering and Management Sciences (IJMEMS)	2021
538	Mathematics	Surbhi Gupta , Neelam Sharma	Performance Evaluation of Fiber Optic communication using Boolean Function Approach	Turkish Journal of Computer and mathematical Education	2021
539	Mathematics	Ritu Gupta, Madhu Jain	Reliability of N-version programming software with testing effort	IJRS (International Journal of Reliability and Safety)	2021
540	Mathematics	Vijay Kumar, Palak Saxena, Harish Garg	Selection of optimal software reliability growth models using an integrated entropy–Technique for Order Preference by Similarity to an Ideal Solution (TOPSIS) approach	Mathematical Methods in the Applied Sciences	2021
541	Mathematics	Sunil Hans and Q. M. Tariq	Some L p inequalities for entire functions of exponential typ	Complex Variables and Elliptic Equations	2021
542	Mathematics	Taruna,, Arora, H.D., Kumar, V.	Study of fuzzy distance measure and its application to medical diagnosis	Informatica (Slovenia)	2021
543	Mathematics	Mamta Barik, Sudipa Chauhan(corresponding), Sumit Kaur Bhatia, Om Prakash Misra	Understanding Role of CTL cells and antibodies on a delayed HIV mathematical model: A Dynamical Analysis	Nonlinear Studies,	2021
544	Physics	U.C. Srivastava	“Lattice Dynamical Study of Platinum by Use of van der Waals Three Body Force Shell	Johnson Matthey Technol. Rev.	2021
545	Physics	Suresh Chandra & Mohit K. Sharma	A comment on Whistler mode waves with electric field in magnetospheric plasma of an outer planet	Optik	2021
546	Physics	Jyoti Kapil, Pramila Shukla & Ashish Pathak	A first-principles study of Ru2VGe full- Heusler alloy—pseudopotential approach	EPJP	2021

547	Physics	Anil Kumar Shukla and Girijesh Narayan Pandey	A Novel Design of All Optical Logical AND Gate Based on 2-D Photonic Crystal	Journal of Macromolecular Symposia	2021
548	Physics	Shefali Kanwar, Pramila Shukla, Shivani A Kumar	Bio-Medical Applications of different radionuclides	Annals of the Romanian Society for Cell Biology	2021
549	Physics	Sunil Kumar, Shalini Taneja, Shelza Banyal, Manju Singhal, Vijay Kumar, Sanjay Sahare, Shern-Long Lee and Ravi Kant Choubey	Bio-synthesised Silver nanoparticles conjugated L-Cysteine ceiled Mn:ZnS quantum dots for eco-friendly biosensor and antimicrobial applications	Journal of Electronic Materials	2021
550	Physics	Ch Kartikeswar Patro, Rohit Verma, Aakarti Garg, Ravindra Dhar and Roman Dabrowski	Boost in the thermal stability, ionic conductivity and director relaxation frequency in the composite of liquid crystal and functionalised multi-walled carbon nanotubes	Liquid Crystals	2021
551	Physics	Satendra Kumar, Rohit Verma, R. Dhar	Changes in the Thermodynamic Parameters of an Achiral Liquid Crystalline Material Due to Li Ion Beam Irradiation	Springer Proceeding in Physics	2021
552	Physics	Mohammad Shafi Khan , Vishal Singh Chandel and Satyendra Pratap Singh	Comparative Dielectric Study of Binary Mixtures of Coriandar oil and Radish oil	ORIENTAL JOURNAL OF CHEMISTRY	2021
553	Physics	T. Yadav, G. Brahmachari, I. Karmakar; P. Yadav; A. K. Prasad, A. Pathak, A. Agarwal, V. Mukherjee, G. N. Pandey, R.R.F. Bento, N. P. Yadav	Conformational and vibrational spectroscopic investigation of N-n-butyl, S-2-nitro-1-(p-tolyl)ethyl dithiocarbamate – a bio-relevant sulfur molecule	Journal of Molecular Structure	2021
554	Physics	Sunil Kumar , Kavita, HS Bhatti, Karamjit Singh, Saurabh Gupta , Swati Sharma, Vijay Kumar and Ravi Kant Choubey	Effect of glutathione capping on the antibacterial activity of tin doped ZnO nanoparticles	Physica Scripta	2021
555	Physics	Verjesh Kumar Magotra, T.W. Kang, Abu Talha Aqueel Ahmed, Akbar I. Inamdar, Hyunsik Im, Gajanan Ghodake, Ravi Kant Choubey, Vijay Kumar, Sunil Kumar	Effect of gold nanoparticles laced anode on the bio-electro-catalytic activity and power generation ability of compost based microbial fuel cell as a coin cell sized device	Biomass and Bioenergy	2021
556	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of dust acoustic waves in a plasma having dust grains by an ion beam	Optik	2021

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559	Physics	Suresh Chandra & Mohit K. Sharma	Excitation of Trivelpiece-Gould mode in a magnetized plasma having dust by relativistic electron beam?	Optik	2021
560	Physics	Arun Kumar, Manjeet Kumar, Vishwa Bhatt, Samrat Mukherjee, Sunil Kumar, Himanshu Sharma, M.K. Yadav, Stuti Tomar, Ju-Hyung Yun, Ravi Kant Choubey	Highly responsive and low-cost ultraviolet sensor based on ZnS/p-Si heterojunction grown by chemical bath deposition	Sensors and Actuators A: Physical	2021
561	Physics	Vinit Kakkar, Keshav Walia, DeepakTripathi	Impact of self-focused high power beam on second harmonic generation in collisional plasmas	Optik- Int. Journal of light and Electron Optics	2021
562	Physics	Arun Kumar, Samrat Mukherjee, Sanjay Sahare, Ravi Kant Choubey	Influence of deposition time on the properties of ZnS/p-Si heterostructures	Materials Science in Semiconductor Processing	2021
563	Physics	Yasmeen Jafri, Surendra Singh, Surbhi Gupta, Yasuhiro Fukuma, Kavita Sharma, Mukul Gupta, V. R. Reddy, Gagan Sharma, Ajay Gupta	Investigation of structural, magnetic and electronic properties of FeTa films for varying Ta concentration at different annealing temperatures	Journal of Magnetism and Magnetic Materials	2021
564	Physics	Shyamendra Pratap Singh and U. C. Srivasta va	Lattice Dynamical Study and Elastic Property of Europium Telluride (EuTe) Crystal	ORIENTAL JOURNAL OF CHEMISTRY	2021
565	Physics	U C Srivastava and Shyamendra Pratap Singh	LATTICE DYNAMICAL STUDY OF TITANIUM (TI) BY USING CGW- VTBFS MODEL	International Journal of Advanced Research	2021
566	Physics	Lalit Kumar Sharma, Manoranjan Kar, Ravi Kant Choubey, Samrat Mukherjee	Low field magnetic interactions in the transition metals doped CuS quantum dots	Chemical Physics Letters	2021
567	Physics	Sunil Kumar, Rajni Seth, Sanjay Panwar, Kapil Kumar Goyal, Vijay Kumar and Ravi Kant Choubey	Morphological and optical studies of ZnO-Silica nanocomposite thin films synthesized by time dependent chemical bath deposition	Journal of Electronic Materials	2021
568	Physics	A Mehra, S Chauhan, VK Jain, S Nagpal	Nanoparticles of Punicalagin Synthesized from Pomegranate (Punica Granatum L.) with Enhanced Efficacy Against Human Hepatic Carcinoma Cells	Journal of Cluster Science	2021
569	Physics	G. N . Pandey	Omnidirectional Reflectance of Superconductor-Dielectric Photonic Crystal in THz Frequency Range	Journal of Superconductivity and Novel Magnetism	2021

570	Physics	Girijesh Narayan Pandey and Bhuvneshwer Suthar	Optical Properties of One Dimensional Ternary Metamaterial Photonic Crysta	Journal of Macromolecular Symposia	2021
571	Physics	Stuti Tomar, Suhaas Gupta, Samrat Mukherjee, Arun Singh, Sunil Kumar, Vijay Kumar and Ravi Kant Choubey	Optical properties of Silica capped Mn doped ZnS quantum dots	Physica Scripta	2021
572	Physics	Daniele Eugenio Lucchetta, Andrea Di Donato, Gautam Singh, Alessia Tombesi and Riccardo Castagna	Optical tunable diffraction efficiency by photo-mobile holographic composite polymer material	Optical Materials	2021
573	Physics	Shivani A. Kumar, Shefali Kanwar, Pramila Shukla	Quantum Swapping of Entangled Coherent States	Annals of the Romanian Society for Cell Biology	2021
574	Physics	Dr. Shivani A Kumar	Quantum teleportation of a tripartite entangled coherent state	Modern Physics Letters A	2021
575	Physics	Ajay Kumar, Priyam Kwatra, Harikesh Meena, Jai Prakash, Ling Wang and Gautam Singh	Recent advances on semiconducting nanomaterials-ferroelectric liquid crystals nanocomposites	Journal of Physics: Condensed Matter	2021
576	Physics	ABDULLAH ANWARa, VISHAL SINGH CHANDEL, SATYENDRA PRATAP SINGH, SATYA PRAKASH SINGH, NEDA ANWAR	RISE AND FALL IN SARS-COV-2 GLOBAL PANDEMIC STRAIN RATE–AN OVERVIEW	International Journal of Applied Pharmaceutics	2021
577	Physics	Adarsh Kumar	Significant characteristics of aerosol optical depth and cloud cover fraction over the South West region of India, Indian Journal of Physics, April 2021.	Indian Journal of Physics	2021
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579	Physics	Mohit K. Sharma & Suresh Chandra	Sobolev LVG Analysis of Aminomethanol and N-Methylhydroxylamine: Potential spectral lines for their detection in a cosmic object	Astrophysics	2021
580	Physics	Mohit K. Sharma, Vishnu D. Mampatta, Monika Sharma & Suresh Chandra	Sobolev LVG Analysis of Prebiotic Molecule Formamide (NH2CHO) Found in the ISM	Astrophysics	2021
581	Physics	Vijay Kumar, Dev Raj, S K Chakarvarti, Ravi Kant Choubey and Sunil Kumar	Solvothermal growth of ultrathin nonporous nickel oxide nanosheets for ethanol sensing	Journal of Materials Science: Materials in Electronics	2021
582	Physics	Daniele Eugenio Lucchetta, Riccardo Castagna, Gautam Singh, Cristiano Riminesi and Andrea Di Donato	Spectral, morphological and dynamical analysis of a holographic grating recorded in a photo-mobile composite polymer mixture	Nanomaterials	2021

583	Physics	Mamta Yadav, Ashok Kumar and Subhayan Mandal	Stimulated Raman scattering in a plasma embedded with CNTs	Physica Scripta	2021
584	Physics	T Yadav, G. Brahmachari, I. Karmakar, P. Yadav, A. Agarwal, V. Mukherjee, B. P. Bag, , S. Srivastav, A. Vats, A. K. Prasad, G. N. Pandey, A. Pathak, N. K. Dubey	Structural confirmation of biorelevant molecule N-iso-butyl, S-2-nitro-1- phenylethyl dithiocarbamate in gas phase and effect of fluorination	Chemical Physics Letters	2021
585	Physics	Neeraj Sharma, Stuti Tomar, Mohd. Shkir, Ravi Kant Choubey and Arun Singh	Study of Optical and Electrical properties of Graphene oxide	Materials Today Proceddings	2021
586	Physics	Dr. Shivani	Subdivision of Measurement Results of Entanglement Swapping	Nonlinear Optics Quantum Optics	2021
587	Physics	Mohit K. Sharma, Monika Sharma, Neeraj Kumar & Suresh Chandra	Transition 110 − 111 of methanimine in interstellar medium	Ind. J. Physics	2021
588	Physics	Jyoti Katyal, Shivani Gautam	Tuning the Localized Surface Plasmon Resonance of Al-Al_2O_3 Nanosphere Towards NIR Region by Gold Coating	Micro and nanosystem	2021
589	Physics	Lalita Chauhan, Sudhanshu Kumar, K. Sreenivas, A. K. Shukla	Variable range hopping and modulus relaxation in NiFe2O4 ceramics	Materials Chemistry and Physics	2021
590	Physics	Arun Kumar, Manjeet Kumar, Vishwa Bhatt, Deasung Kim, Samrat Mukherjee, Ju-Hyung Yun and Ravi Kant Choubey	ZnS microspheres-based photoconductor for UV light-sensing applications	Chemical Physics Letters	2021
591	Statistics	Yadav R	A generalized ratio-type estimator of finite population variance using quartiles and their functions	Journal of Statistics Applications and Probability	2021
592	Statistics	Farooqi, M.S., Kumar, D., Mishra, D.C., Rai, A., Singh, N.K.	A hybrid method for differentially expressed genes identification and ranking from RNA-Seq data	International Journal of Bioinformatics Research and Applications	2021
593	Statistics	Singh, D., Yadav R. and Chandra, H.	An improved ratio-product-ratio class of estimators for estimating finite population mean.	International Journal of Agricultural and Statistical Sciences	2021
594	Chemistry	Sharma V.K., Barde A., Rattan S.	An efficient and scalable approach for the synthesis of piperazine based glitazone and its derivatives	Synthetic Communications	2020
595	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	An Efficient and Scalable Approach for the Synthesis of Piperazine Based Glitazone and its Derivatives.	Synthetic Communications	2020

596	Chemistry	Vinod Kumari* & Aditi Sangal	Antimicrobial study of Arjuna Terminalia loaded PLGA nanoparticle	Indian Journal of Biochemistry & Biophysics	2020
597	Chemistry	Shubham singh, Sheenam Thatai, Parul Khurana, Christine Jeyaseelan, Dinesh Kumar	Conducting polymer electrodes for sodium ion batteries	Sodium ion Batteries: Material and applications	2020
598	Chemistry	Ruchi Shaw, Shubhangi Madan, Sangeeta Tiwari, Sandeep Kumar Tiwari	Creating Synergy of Microporous Hydrophilic–Organophilic Surfaces in Zeolite@ Nano-Titania Particles for Rapid Removal of Diverse Pollutants in Water	Advanced Materials Interfaces	2020
599	Chemistry	Sharma V.K., Barde A., Rattan S.	Design, Synthesis and Characterization of Pyrimidine based Thiazolidinedione Derivatives	Asian Journal of Chemistry	2020
600	Chemistry	Monika Duhan, Naveen Kumar, Anita Gupta, Anupinder Singh, Harminder Kaur	Enhanced room temperature ferromagnetism in Cr and Fe co-doped SnO2 nanoparticles synthesized by sol- gel method	Vacuum	2020
601	Chemistry	Shubhangi Madan, Ruchi Shaw, Sangeeta Tiwari, S.K.Tiwari	Enhancing Corrosion Stability and Shelf Life of Nanoscale Zerovalent Iron via encapsulation in Porous Ze- TiO2 matrix: An Interface for Simultaneous Oxidation and Adsorption of As(III)	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020
602	Chemistry	Shubhangi Madan, Ruchi Shaw, Sangeeta Tiwari and Sandeep Kumar Tiwari	Enhancing corrosion stability and shelf life of nanoscale zero-valent iron via encapsulation in porous Ze-TiO2 matrix: An interface for simultaneous oxidation and adsorption of As(III)	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020
603	Chemistry	Prachi Kapoor, Parul Khurana, Christine Jeyseelan, Dinesh Kumar, Sheenam Thatai	Fabrication assembly techniques for K- ion batteries	Rechargable Batteries: History, Progress and applications	2020
604	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, RogerGläser, KlaraHernadi	Green BiOI impregnated 2- dimensional cylindrical carbon block: A promising solution for environmental remediation and easy recovery of the photocatalyst	Separation and Purification Technology Volume 240, 1 June 2020, 116628	2020
605	Chemistry	Enikő Bárdos, Viktória Márta, Lucian Baia, Milica Todea, Gábor Kovács, Kornélia Baán, Seema Garg, Zsolt Pap, Klara Hernadi	Hydrothermal crystallization of bismuth oxybromide (BiOBr) in the presence of different shape controlling agents	Applied Surface Science	2020

606	Chemistry	Zsolt Kása, Eszter Orbán, Zsolt Pap, Imre Ábrahám, Klára Magyari, Seema Garg and Klara Hernadi	Innovative and Cost-Efficient BiOI Immobilization Technique on Ceramic Paper—Total Coverage and High Photocatalytic Activity	Nanomaterials	2020
607	Chemistry	Safiya Nisar, Shubhi Sharma, Payal Mazumdar, Prachi Singhal, and Sunita Rattan	Modification of tungsten sulfide/ nanographene nanocomposite through ion beam irradiation on the polystyrene matrix for biosensing application	AIP Conference Proceedings	2020
608	Chemistry	Amreen Saifi, Prachi Singhal, and Sunita Rattan	MoS2/NGP hierarchical hybrid composites synthesized via in–situ microwave method	AIP Conference Proceeding	2020
609	Chemistry	Sharma, V.K., Barde, A., Rattan, S.	One-Pot Sequential Synthesis of Quinazolin-8-ol derivatives employing Heterogeneous Catalyst for Suzuki-Miyaura coupling.	Synthetic Communications	2020
610	Chemistry	Sharma V.K., Barde A., Rattan S.	One-pot sequential synthesis of quinazolin-8-ol derivatives employing heterogeneous catalyst for Suzukiâ€“Miyaura coupling	Synthetic Communications	2020
611	Chemistry	Mohit Yadav, Seema Garg, Amrish Chandra, Jyoti, Pravin P.Ingole, Eniko Bardos, Klara Hernadi	Quercetin-mediated 3-D hierarchical BiOI-Q and BiOI-Q-Ag nanostructures with enhanced photodegradation efficiency	Journal of Alloys and Compounds	2020
612	Chemistry	Deeya Soin, Deepshikha Gupta	Recent Advances in health Benefits of Moringa oleifera	” International Journal of Pharmaceutical Sciences and Nanotechnology”,	2020
613	Chemistry	Mehra, S., Nisar S., Chauhan, S., Singh, V. and Rattan, S	Soy Protein Based Hydrogel under Microwave Induced Grafting of Acrylic acid and 4-(4- ydroxyphenyl) butanoic acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS Omega	2020
614	Chemistry	Saloni Mehra, Safiya Nisar, Sonal Chauhan, Virender Singh, Sunita Rattan	Soy Protein-Based Hydrogel under Microwave-Induced Grafting of Acrylic Acid and 4-(4-Hydroxyphenyl)butanoic Acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS Omega	2020

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616	Chemistry	Deepshikha Gupta, Vabhika Rishi & Tejendra Kumar Gupta	Synthesis of MFe2O4 (M: Cu, Mn, Co, Ni) magnetic nanoparticles and their efficient catalytic role in nitrophenol reduction	Materials Research Innovations	2020
617	Chemistry	Kumari V. and Sangal A.	Synthesis, Characterization, Antimicrobial activity and Release Study of Cinnamon loaded poly (DL-lactide-co-glycolide) Nanoparticles	Research J. Pharm. and Tech	2020
618	Chemistry	Prachi Yadav, Sunita Rattan,Ambuj Tripathi and Sandeep Yadav	Tailoring of complex permittivity, permeability, and microwave- absorbing properties of CoFe<inf>2</inf>O<inf>4</inf>/NG/ PMMA nanocomposites through swift heavy ions irradiation	Ceramics International	2020
619	Mathematics	Neha Bhardwaj	A Better Error Estimation on Generalized Positive Linear Operators Based on PED and IPED	Mathematical Analysis I: Approximation Theory, springer Proceedings in Mathematics & Statistics 306	2020
620	Mathematics	Saniya Batra and Prakriti Rai	A Further Extension of Generalized Hurwitz - Lerch Zeta Function of Two Variables-II	GANITA	2020
621	Mathematics	Saniya Batra and Prakriti Rai	A FURTHER GENERALIZATION OF EXTENDED HURWITZ-LERCH ZETA FUNCTION OF TWO VARIABLES	Advanced Studies in Contemporary Mathematics	2020
622	Mathematics	Rita Yadav, Mahesh Kumar Jayaswal, Mandeep Mittal*, Isha Sangal, Sarla Pareek	A Game Theoretic Approach: Impact of Learning on The Optimal Ordering Policies for Imperfect Quality Items	International Journal Revista Invetigacion Operacional (IJRIO)	2020
623	Mathematics	Surbhi Gupta, Anil Chandra, C.K.Jaggi	A multi-state model for reliability analysis of metal sheet manufacturing process using artificial neural network technique	Pertanika Journal of Science and Technology	2020
624	Mathematics	SUNIL HANS, AMIT TOMAR, AND JIANHENG CHEN	A NOTE ON COMPARISON OF ANNULI CONTAINING ALL THE ZEROS OF A POLYNOMIAL	Kragujevac Journal of Mathematics	2020
625	Mathematics	Pragya Mishra	A PROFICIENT IDENTITY BASED SIGNATURE SCHEME WITH DESIGNATED VERIFIER FOR E-VOTING	Journal of Critical Reviews	2020

626	Mathematics	Vandana Kumari, Sudipa Chauhan(corresponding), Nisha Sharma, Sumit Kaur Bhatia, Joydip Dhar	A Stage - Structured Prey - Predator Model with Maturation and Gestation Delay for Predator Using Holling Type- II functional response	Jordan Journal of Mathematics and Statistics,	2020
627	Mathematics	Diksha Bhatnagar and Rupakshi Mishra Pandey	A Study of some Integral Transforms of Q Function	South East Asian Journal of Mathematics and Mathematical Sciences(SEAJMS)	2020
628	Mathematics	Priyanka Vashisht, Vijay Kumar	AGENT BASED OPTIMIZED RÉPLICA MANAGEMENT IN DATA GRIDS	Revista de Investigacion Operacional	2020
629	Mathematics	Chandola Ankita, Pandey R.M, Agarwal Ritu and Purohit, S.D.	An Extension of Beta function, its Statistical Distribution and Associated Fractional Operator.	Advances in Difference Equations Vol.2020, Issue.1, Article No.684.	2020
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631	Mathematics	Hemlata, Dr H D Arora and Vijay Kumar	Constructing a Data Mining Model using Fuzzy Decision Tree	International Journal of Advanced Science and Technology	2020
632	Mathematics	Vandana Kumari, Sudipa Chauhan, Joydip Dhar	Controlling Pest by Integrated Pest Management : A Dynamical Approach	International Journal of Mathematical, Engineering and Management Sciences	2020
633	Mathematics	Antim Chauhan, Rajan Arora and Amit Tomar	Converging Shock Waves in a Van Der Walls Gas of Variable Density	Quarterly Journal of Mechanics and Applied Mathematics	2020
634	Mathematics	Antim Chauhan, Rajan Arora, Amit Tomar	Converging strong shock waves in magnetogasdynamics under isothermal condition	Ricerche di Matematica	2020
635	Mathematics	Upadhyaya, S.	Cost optimization of a discrete-time retrial queue with Bernoulli feedback and starting failure	International Journal of Industrial and Systems Engineering (Inderscience) Scopus	2020
636	Mathematics	Vijay Kumar, Ramita Sahni	Dynamic testing resource allocation modeling for multi-release software using optimal control theory and genetic algorithm	International Journal of Quality & Reliability Management	2020
637	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Umama Nasir	Dynamics of Vaccination Model with Holling Type II Functional Response	Kyungpook Mathematical Journal	2020

638	Mathematics	Manavi Gilotra, Sarla Pareek, Mandeep Mittal*, Vinti Dhaka	Effect of Carbon Emission and Human Errors on a Two-Echelon Supply Chain under Permissible Delay in Payments	International Journal of Mathematical, Engineering and Management Sciences	2020
639	Mathematics	Namita Goel, Sudipa Chauhan, Sumit Kaur Bhatia	Effect of Habitat on Dynamic of Native and Exotic Prey–Predator Population	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	2020
640	Mathematics	Mandeep Mittal*, Sarla Pareek, Aastha	Effect of human errors on an inventory model under two warehouse environments	Recent Advances in Computer Science	2020
641	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan, Priyanka Arora	Effect of Sterile Insect Technique on Dynamics of Stage-Structured Model Under Immigration	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	2020
642	Mathematics	Mamta Barik, Sudipa Chauhan(corresponding), Sumit Kaur Bhatia	Efficacy of pulse Vaccination over constant vaccination in COVID-19: A Dynmaical Analysis	Commun. Math. Biol. Neurosci. 2020,	2020
643	Mathematics	Aparna Chaturvedi, Prakriti Rai and S. Ahmad Ali	Generalized Hermite – based Apostol – Euler polynomials and their properties	Applications and Applied Mathematics: An International Journal (AAM)	2020
644	Mathematics	Aparna Chaturvedi1, Prakriti Rai 2 , S. Ahmad Ali 3	GENERALIZED HERMITE BASED APOSTOL BERNOULLI POLYNOMIALS AND THEIR PROPERTIES	NON LINEAR STUDIES	2020
645	Mathematics	APARNA CHATURVEDI AND PRAKRITI RAI	GENERALIZED HERMITE BASED APOSTOL BERNOULLI, EULER, GENOCCHI POLYNOMIALS AND THEIR RELATIONS	JOURNAL OF INDIAN MATHEMATICAL SOCIETY	2020
646	Mathematics	Aparna Chaturvedi, Prakriti Rai	Generalized Hermite- based Apostol-Bernoulli, Euler, Genocchi polynomials and their relations	Journal of Indian Mathematical Society	2020
647	Mathematics	Neha Bhardwaj	Global Estimates for Generalized Double Bernstein Operators	Azerbaijan Journal of Mathematics,	2020
648	Mathematics	Firdos Karim, Sudipa Chauhan, Sumit Kaur Bhatia, Joydip Dhar	Hopf bifurcation in an augmented IS-LM linear business cycle model with two time delays	International Journal of Mathematical, Engineering and Management Sciences	2020
649	Mathematics	PRAGYA MISHRA, RENUKA, VANDANI VERMA	Identity Based Broadcast Encryption Scheme with Shorter Decryption Keys for Open Networks	Wireless Personal Communications	2020

650	Mathematics	Astha, Sarla Pareek, Leopoldo Eduardo Cárdenas- Barrón, Mandeep Mittal*	Impact of Imperfect Quality Items on Inventory Management for Two Warehouses with Shortages	Impact of Imperfect Quality Items on Inventory Management for Two Warehouses with Shortages	2020
651	Mathematics	Talat Parveen, HD Arora, Mansaf Alam	Intuitionistic Fuzzy Shannon Entropy Weight Based Multi-criteria Decision Model with TOPSIS to Analyze Security Risks and Select Online Transaction Method	Advances in Computing and Intelligent Systems	2020
652	Mathematics	Shweta Upadhyaya	Investigating a general service retrial queue with damaging and licensed units: an application in local area networks	OPSEARCH	2020
653	Mathematics	Mahesh Kumar Jayaswal, Isha Sangal, Mandeep Mittal*	Learning Effect on Inventory Model in Fuzzy Environment with Trade Credit Financing	Revista de Invetigacion de Operacional	2020
654	Mathematics	Antim Chauhan, Rajan Arora and Amit Tomar	Lie symmetry analysis and traveling wave solutions of equal width wave equation	Proyecciones Journal of Mathematics	2020
655	Mathematics	Firdos Karim, Sudipa Chauhan, Joydip Dhar	On the comparative analysis of linear and nonlinear business cycle model: Effect on system dynamics, economy and policy making in general	Quantitative Finance and Economics	2020
656	Mathematics	Sunita Mehta (Sharma), Kuldeep Chaudhary (Corresponding author), Vijay Kumar	Optimal Promotional Effort Policy in Innovation Diffusion Model Incorporating Dynamic Market Size in Segment Specific Market	International Journal of Mathematical, Engineering and Management Sciences, 2020, 5(4), pp. 682–696, 055	2020
657	Mathematics	Upadhyaya, S. and Kushwaha, C.	Performance prediction and ANFIS computing for unreliable retrial queue with delayed repair under modified vacation policy	International Journal of Mathematics in Operational Research (Inderscience) Scopus	2020
658	Mathematics	Aparna Chaturvedi, Prakriti Rai	Relations between generalized Hermite- based Apostol-Bernoulli, Euler and Genocchi polynomials	Proceedings of the jangjeon mathematical society	2020
659	Mathematics	Anil Chandra, Anjali Naithani, Surbhi Gupta, Chandra K Jaggi	Reliability and cost analysis comparison between two-unit parallel systems with non-identical and identical consumable units	Journal of Critical Reviews	2020
660	Mathematics	Sunil JOSHI, Ekta MITTAL, Rupakshi M.PANDEY, Sunil D.PUROHIT,	Some Gruss Type Inequalities involving generalized Fractional Integral operator	-	2020

661	Physics	Suresh Chandra & M. K. Sharma	About electron cyclotron waves in magnetospehric plasma of outer planets having perpendicular inhomogeneous DC electric field	Optik	2020
662	Physics	Suresh Chandra & M. K. Sharma	About electron cyclotron waves in magnetospheric plasma of outer planets having parallel AC electric field	Optik	2020
663	Physics	Mohit K. Sharma and Suresh Chandra	Anomalous absorption of hydrogen peroxide (H2O2) rotational transitions	Anomalous absorption of hydrogen peroxide (H2O2) rotational transitions	2020
664	Physics	A Mehra, S Chauhan, VK Jain, S Nagpal	ANTI-INFLAMMATORY AND ANTI- MIGRATORY EFFECT OF HERBAL NANO-STATINS ON HEPG2 CANCER CELLS	Indian Drugs	2020
665	Physics	Suresh Chandra & M. K. Sharma	Application of generalised Lorentzian (Kappa) distribution function in propagation of electron cyclotron waves in magnetospheric plasma of an outer planet	Optik	2020
666	Physics	Ch Kartikeswar Patro, Rohit Verma, Aakarti Garg, Ravindra Dhar and Roman Dabrowski	Boost in the thermal stability, ionic conductivity and director relaxation frequency in the composite of liquid crystal and functionalised multi- walled carbon nanotubes	Liquid Crystals	2020
667	Physics	Pandey R.S., R.P. Pandey, K.M. singh and N.M. Mishra	Cold Plasma injection on VLF wave mode for relativistic magneto plasma with a.c. electric Field	Progress in Elect. Research C	2020
668	Physics	Vandana Kumari, Sudipa Chauhan(corresponding), Joydip Dhar	Controlling Pest by Integrated Pest Management: A Dynamical Approach	International journal of Mathematical, Engineering and Management Sciences,	2020
669	Physics	Girijesh Narayan Pandey, Devendra Singh and Khem B. Thapa	Detector and Switching Application at Microwave Region		2020
670	Physics	Arun Kumar, Dipti Pednekar, Samrat Mukherjee, and Ravi Kant Choubey	Effect of deposition time and complexing agents on hierarchical nanoflake- structured CdS thin films	Effect of deposition time and complexing agents on hierarchical nanoflake-structured CdS thin films	2020
671	Physics	Arun Kumar, Dipti Pednekar, Samrat Mukherjee and Ravi Kant Choubey	Effect of deposition time and complexing agents on Hierarchical nanoflakes CdS structured thin films	Journal of Materials Science: Materials in Electronics	2020

672	Physics	Suresh Chandra & M. K. Sharma	Electron cyclotron waves in plasma in magnetosphere of a planet having perpendicular AC electric field	Optik	2020
673	Physics	Suresh Chandra & M. K. Sharma	Electron cyclotron waves in plasma in magnetosphere of a planet having perpendicular DC electric field	Optik	2020
674	Physics	2) H. Ahmoum, M. S. Su'ait, G. Li, S. Chopra, M. Boughrara, Q. Wang, M. Kerouad and D. P. Rai	Electronic and thermoelectric properties of chalcopyrite compounds Cu2(XY)S4 (X = Zn, Cd and Y = Sn, Pb): first-principles study	Indian J Phys	2020
675	Physics	Ajay Kumar, Gautam Singh, Tilak Joshi, A. M. Biradar	Electro-optical and dielectric characteristics of ferroelectric liquid crystal dispersed with palladium nanoparticles	Journal of Molecular Liquids	2020
676	Physics	Mritunjoy Prasad Ghosh, Shashank Kinra, Deepak Dagur, Ravi Kant Choubey and Samrat Mukherjee	Evidence of large exchange bias effect in single-phase spinel ferrite nanoparticles	Physica Scripta	2020
677	Physics	Shreenu Pattanaik, D. K. Mishra, M. K. Sharma, Ratnamala Chatterjee	Experimental evidences of ferromagnetism in undoped monoclinic zirconia	Inorganic chemistry communications	2020
678	Physics	Adarsh Kumar	Fast melting rate of Himalayan glaciers since 2000 posing threat to water deficiency in the Indian Himalayan region, Astronomy & Geophysics	Astronomy & Geophysics	2020
679	Physics	Mohit K. Sharma, Monika Sharma and Suresh Chandra	H2SiO IRASERs in a warm region in interstellar medium	New Astronomy	2020
680	Physics	Ambika Bawa, Tarundeep Kaur Lamba, Amit Choudhary, Gautam Singh, Rajesh, Surinder P. Singh, and Ashok M. Biradar	Impact of twisted alignment on the smectic layer structure of ferroelectric liquid crystal	Journal of Molecular Liquids	2020
681	Physics	Suresh Chandra & Mohit K. Sharma	Interaction of an electron beam with whistler waves in magnetoplasmas- reinvestigated	Optik	2020
682	Physics	Y Tyagi, D Tripathi	Lower hybrid wave assisted laser third harmonic generation in magneto plasma	AIP Advances	2020
683	Physics	Stuti Tomar, Suhaas Gupta, Samrat Mukherjee, Arun Singh, Sunil Kumar and Ravi Kant Choubey	Manganese doped ZnS QDs: an investigation into the optimal amount of doping	Semiconductors	2020

684	Physics	Asish Kumar, Narendra Kumar,	Metamaterial - Plasma Based Hyperbolic material for Sensor,	Journal of Physics: Condensed Matter	2020
685	Physics	Jyoti Katyal	Multilayered nanostructure for inducing large and tunable optical field	Nanoscience and Nanotechnology-Asia	2020
686	Physics	M. Yadav, A. Kumar, and S. Mandal	Nonlinear laser absorption on metal surfaces embedded with metallic nanoparticles and nanotubes	Physics of Plasmas	2020
687	Physics	Siddheshwar Chopra	Performance study of the electronic and optical parameters of thermally activated delayed fluorescence nanosized emitters (CCX-I and CCX-II) via DFT, SCC-DFTB and B97-3c approaches	Journal of Nanostructure in Chemistry	2020
688	Physics	Supreet, Gautam Singh	Recent advances on cadmium free quantum dots-liquid crystal nanocomposites	Applied Materials Today	2020
689	Physics	Keshav Walia, Vinit Kakkar, Deepak Tripathi	Second harmonic generation of high power laser beam in cold quantum plasma	Optik - International Journal for Light and Electron Optics	2020
690	Physics	20. M.K. Sharma, R.N. Gayen, A.K. Pal, D. Kanjilal, Ratnamala Chatterjee	Single phase formation of Fe-doped directional ZnO nanorod films: study of cluster formation by complex impedance spectroscopy and removal of metal clustering by swift heavy ion irradiation	Nucl. Instr. and Meth. in Phys. Res. B	2020
691	Physics	Saloni Mehra, Safiya Nisar, Sonal Chauhan, Virender Singh, Sunita Rattan	Soy Protein-Based Hydrogel under Microwave-Induced Grafting of Acrylic Acid and 4-(4-Hydroxyphenyl)butanoic Acid: A Potential Vehicle for Controlled Drug Delivery in Oral Cavity Bacterial Infections	ACS omega	2020
692	Physics	Adarsh Kumar	Spatio-temporal variations in satellite based aerosol optical depths & aerosol index over Indian subcontinent: Impact of urbanization and climate change	Urban Climate	2020
693	Physics	Lalit Kumar Sharma, Ravi Kant Choubey and Samrat Mukherjee	Spin-flop in transition-metal-doped SnO2 quantum dots	Materials Chemistry and Physics	2020
694	Physics	Vignesh, Siddharth Kaushik, Umesh K. Tiwari, Ravi Kant Choubey, Kamaldeep Singh, Ravindra K Sinha	Study of Sonication Assisted Synthesis of Molybdenum Disulfide (MoS2) Nanosheets	Materials Today:Proceedings	2020
695	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for search of malononitrile (CH2(CN)2) in a cosmic object: Potential spectral lines	Astronomy Reports	2020

696	Physics	Ch. Kartikeshwar Patro, Aakarti Garg, Rohit Verma, R. Dhar, R. Dabrowski	Thermal and Electrical Characteristics of Nematic Liquid Crystal and Gold Nanoparticle Composites	Springer Proceeding in Physics	2020
697	Physics	Ch. Kartikeshwar Patro, Aakarti Garg, Rohit Verma, R. Dhar, R. Dabrowski	Thermodynamic Characteristics of Liquid Crystal-Nanocomposites	Springer Proceeding in Physics	2020
698	Physics	H. Ahmoum, M. Boughrara, M. S. Su'ait, G. Li, S. Chopra, Q. Wang and M. Kerouad	Understanding the effect of the carbon on the photovoltaic properties of the Cu2ZnSnS4	Materials Chemistry and Physics	2020
699	Physics	Shyamendra Pratap Singh , U C Srivastava, K S Upadhyaya	Vibrational And Elastic Properties Of Europium Selenide (EuSe) With Three Body Interactions Model	International Journal of Scientific & Technology Research	2020
700	Physics	Kaur D., Sharma S.C., Pandey R.S., Gupta R.	Weibel instability oscillation in a dusty plasma with counter-streaming electrons	Laser and Particle Beams	2020
701	Physics	Daljeet Kaur, Suresh C. Sharma, R.S. Pandey and Ruby Gupta	Weibel Instability Oscillation in Dusty Plasma with counter-streaming electrons	Laser and Particle Beams	2020
702	Statistics	Rohini Yadav and Rajesh Tailor	Estimation of finite population mean using two auxiliary variables under stratified random sampling	STATISTICS IN TRANSITION	2020
703	Statistics	Ashok Kumar, D. Pawar & S. C. Malik	Reliability analysis of a redundant system with 'FCFS' repair policy subject to weather conditions	International Journal of Advanced Science and Technology	2020
704	Statistics	Niraj Kumar Singh and Mritunjay Pal Singh	Rural out Migration at the Household level	Journal of Statistics Applications & Probability	2020
705	Statistics	Pragya Singh, Kaushalendra Kumar Singh, Anjali Singh and Anjali Pandey	The levels and trends of contraceptive use before first birth in India (2015–16): a crosssectional analysis	BMC Public health	2020
706	Chemistry	Mazumdar P., Rattan S., Singhal P., Sharma I., Gupta B.K.	A Green Route Strategy for the Synthesis of Multifunctional Polymer Nanocomposites for Environmental Sustainability	ChemistrySelect	2019
707	Chemistry	Seema Garg, Mohit Yadav, Amrish Chandra, Klara Hernadi	A review on BiOX (X= Cl, Br and I) nano-/microstructures for their photocatalytic applications	Journal of Nanoscience and Nanotechnology	2019
708	Chemistry	Madan S., Shaw R., Tiwari S., Tiwari S.K.	Adsorption dynamics of Congo red dye removal using ZnO functionalized high silica zeolitic particles	Applied Surface Science	2019

709	Chemistry	Tejendra Kumar Gupta, Pattabhi Ramaiah Budarapu, Sivakumar Reddy Chappidi, Sudhir Sastry Y.B., Marco Paggi and Stephane P. Bordas	Advances in Carbon Based Nanomaterials for Bio-Medical Applications	Current Medicinal Chemistry	2019
710	Chemistry	Rajpreet Kaur,Kultar Singh,Poonam Khullar,*Anita Gupta,Gurinder Kaur Ahluwalia,and Mandeep Singh Bakshi*	Applications of Molecular structural aspects of Gemini Surfactants	Langmuir	2019
711	Chemistry	Rajpreet Kaur, Poonam Khullar, Anita Gupta, Gurinder Kaur Ahluwalia & Mandeep Singh Bakshi	Biodiesel as a non- aqueous medium for the synthesis of nanomaterials: relevance to metallic particulate suspensions in biofuels and their removal	BIOFUELS	2019
712	Chemistry	Kaushik K Dhar Dubey, Christine Jeyaseelan, Kailash C Upadhyaya, Vivek Chimote, Ravi Veluchamy, Aruna Kumar.	Biodiesel Production from Hiptage benghalensis seed oil.	Industrial Crops and Products,	2019
713	Chemistry	Sadasivuni K.K., Rattan S., Deshmukh K., Muzaffar A., Basheer Ahamed M., Khadheer Pasha S.K., Mazumdar P., Waseem S., Grohens Y., Kumar B.	CHAPTER 12: Hybrid Nano-filler for Value Added Rubber Compounds for Recycling	RSC Green Chemistry	2019
714	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Cost effective Fe/NG/PMMA nanocomposites for high-performance microwave absorbing applications	Materials Research Express	2019
715	Chemistry	Sole B.B., Seshadri G., Tyagi A.K., Rattan S.	Effect of Sulphur-chlorine bifunctional diol (SCBD) on antimicrobial, thermal and mechanical behavior of polyether block amide (PEBA) based breathable membranes	Journal of Polymer Research	2019
716	Chemistry	Shivani Agarwal, R S Pandey, Christine Jeyaseelan	Exploring the effect of various plasma parameters on the whistler mode growth rates in the Jovian magnetosphere.	Astrophysics and Space Science	2019
717	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, KlaraHernadi	Fabrication of leaf extract mediated bismuth oxybromide/oxyiodide (BiOBrxI1−x) photocatalysts with tunable band gap and enhanced optical absorption for degradation of organic pollutants	Journal of Colloid and Interface Science	2019

718	Chemistry	Leiser, S.S., Polin, L., Gan-Or, G., Raula, M., Weinstock, I.A.	Hexaniobate Cluster Anion Monolayers on Gold Nanoparticles: A New Structural Role for Alkali Metal Countercations	Inorganic Chemistry	2019
719	Chemistry	NikitaSharma, ZsoltPap, SeemaGarg, KláraHernádi	Hydrothermal synthesis of BiOBr and BiOBr/CNT composites, their photocatalytic activity and the importance of early Bi6O6 (OH) 3 (NO3) 3· 1.5 H2O formation	Applied Surface Science	2019
720	Chemistry	MohitYadav, SeemaGarg, AmrishChandra, KlaraHernadi	Immobilization of green BiOX (X= Cl, Br and I) photocatalysts on ceramic fibers for enhanced photocatalytic degradation of recalcitrant organic pollutants and efficient regeneration process	Ceramics International	2019
721	Chemistry	Anita Gupta1*, Rohit Babu Aniyery2 , Anjali Sharma2 , Nahar Singh3 , Bharti Sharma4	Iron Functionalized Zinc Peroxide nanomaterial for removal of Arsenic and Chromium from contaminated water	Journal of Chemical and Pharmaceutical Sciences	2019
722	Chemistry	Kumar, P., Bose, P.P.	Macrophage ghost entrapped amphotericin B: a novel delivery strategy towards experimental visceral leishmaniasis	Drug Delivery and Translational Research	2019
723	Chemistry	Bharti, A., Jeyaseelan, C.	Quantification of potential impurities present in testosterone undecanoate active pharmaceutical ingredient by stability indicating hplc method using uv detector	Jordan Journal of Pharmaceutical Sciences	2019
724	Chemistry	MohitYadava, SeemaGarg, AmrishChandra, KlaraHernadi	Quercetin-sensitized BiOF nanostructures: An investigation on photoinduced charge transfer and regeneration process for degradation of organic pollutants	Journal of Photochemistry and Photobiology A: Chemistry	2019
725	Chemistry	Sadasivuni K.K., Rattan S., Waseem S., Brahme S.K., Kondawar S.B., Ghosh S., Das A.P., Chakraborty P.K., Adhikari J., Saha P., Mazumdar P.	Silver Nanoparticles and Its Polymer Nanocompositesâ€"Synthesis, Optimization, Biomedical Usage, and Its Various Applications	Lecture Notes in Bioengineering	2019
726	Chemistry	Kumari V. and Sangal A.	Study of Antimicrobial activity of Star Anise loaded poly (DL-lactide-co-glycolide) nanoparticles	Research J. Pharm. and Tech	2019

727	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Swift heavy-ions irradiated nano- magnetite/exfoliated-nanographite/polymethylmethacryl ate nanocomposites with excellent microwave-absorption performance	Materials Letters	2019
728	Chemistry	BÃ¡rdos, E., KirÃ¡ly, A.K., Pap, Z., Baia, L., Garg, S., HernÃ¡di, K.	The effect of the synthesis temperature and duration on the morphology and photocatalytic activity of BiOX (X?=?Cl, Br, I) materials	Applied Surface Science	2019
729	Chemistry	Chakraborty, B., Gan- Or, G., Duan, Y., Raula, M., Weinstock, I.A.	Visible-Light-Driven Water Oxidation with a Polyoxometalate-Complexed Hematite Core of 275 Iron Atoms	Angewandte Chemie - International Edition	2019
730	Mathematics	Vandani Verma, Aarushi Thakur	A Certificate-Based Proxy Signature Without Message Recovery With Bilinear Pairing	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019
731	Mathematics	Hemlata Aggarwal, H.D. Arora, Vijay Kumar	A Decision Making Problem As An Application Of Fuzzy Sets	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019
732	Mathematics	HemlataAggarwal, H.D. Arora, Vijay Kumar	A Decision-making Problem as an Applications of Intuitionistic Fuzzy Set	International Journal of Engineering and Advanced Technology	2019
733	Mathematics	Miglani, A., Gupta, H., Khatri, S.K.	A security model to enhance online transactions using blockchain technology	Proceedings of the International Conference on I- SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018	2019
734	Mathematics	Kumar, V., Arora, H.D., Sahni, R.	An assessment of some entropy measures in predicting bugs of open-source software	Advances in Intelligent Systems and Computing	2019
735	Mathematics	Chandra, A., Gupta, S.	Assessment of reliability factors in chocolate manufacturing plant using boolean function technique and neural networking	International Journal of Innovative Technology and Exploring Engineering	2019

736	Mathematics	Singh, S., Singh, A., Gupta, R., Sinha, S.	Automatic segmentation of melanoma affected region for computer-aided diagnosis	2018 International Conference on Computing, Power and Communication Technologies, GUCON 2018	2019
737	Mathematics	Gupta, S, Sharma, Y.	Availability and cost analysis of a two unit cold standby repairable system subject to two types of critical errors	International Journal of Scientific and Technology Research	2019
738	Mathematics	Arora, H.D., Parveen, T.	Computation of various entropy measures for anticipating bugs in open-source software	Advances in Intelligent Systems and Computing	2019
739	Mathematics	Kiran Pal, Vijay Kumar	Diagnosis of vector-borne diseases using MCDM techniques Open Access	International Journal of Engineering and Advanced Technology (IJEAT)	2019
740	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Effect of Pollution on Dynamics of SIR Model with Treatment	International Journal of Biomathematics,	2019
741	Mathematics	Ramzan, M.B., Qureshi, S.M., Mari, S.I., Memon, M.S., Mittal, M., Imran, M., Iqbal, M.W.	Effect of time-varying factors on optimal combination of quality inspectors for offline inspection station	Mathematics	2019
742	Mathematics	Jayaswal, M.K., Sangal, I., Mittal, M., Malik, S.	Effects of learning on retailer ordering policy for imperfect quality items with trade credit financing	Uncertain Supply Chain Management	2019
743	Mathematics	Mahesh Kumar Jayaswal, Isha Sangal, Mandeep Mittal	Effects of Learning on The Economic Ordering Policies for Defective Items Under Fuzzy Environment with Permissible Delay in Payments	International Journal Revista Invetigacion Operacional (IJRIO)	2019
744	Mathematics	Sumit Kumar Sharma and Shashank Goel,	Frames in Quaternionic Hilbert Spaces	Journal of Mathematical Physics, Analysis, Geometry	2019
745	Mathematics	Vandani Verma , Shivani Rawat	ID- Based Multiuser Signature Schemes And Their Applications	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019
746	Mathematics	Sunita Mehta, Kuldeep Chaudhary and Pradeep Kumar	Incorporating Dynamic Potential market in Innovation Diffusion Model Using Stochastic Differential Equation	Proceedings of IEOM2019	2019

747	Mathematics	Reshu Agarwal, G.L., Mittal, M.	Inventory classification using multilevel association rule mining	International Journal of Decision Support System Technology	2019
748	Mathematics	Vijay Kumar, Biswajit Sarkar, Alok Nath Sharma, Mandeep Mittal	New product launching with pricing, free replacement, rework, and warranty policies via genetic algorithmic approach	International Journal of Computational Intelligence Systems	2019
749	Mathematics	Pallavi Kharbanda, Divya Agarwal	Non-smooth multi-objective fractional programming problem involving higher order functions	Int. J. Computing Science and Mathematics	2019
750	Mathematics	Joshi S., Mittal E., Pandey R.M.	On euler type integrals involving extended mittag-leffler functions	Boletim da Sociedade Paranaense de Matematica	2019
751	Mathematics	Singh, R., Chauhan, R.	On soft heminearness spaces	AIP Conference Proceedings	2019
752	Mathematics	Priyanka Vashisht, Vijay Kumar, Rajesh Kumar, Anju Sharma	Optimization of Replica Consistency and Conflict Resolution in Data Grid Environment	International Journal of Mathematical, Engineering and Management Sciences	2019
753	Mathematics	Tomar, A., Arora, R., Chauhan, A.	Propagation of strong shock waves in a non-ideal gas	Acta Astronautica	2019
754	Mathematics	Pandey, A.N., Gupta, H.	Regulatory Framework for Standardization of Online Transactions Using Cryptocurrencies	Advances in Intelligent Systems and Computing	2019
755	Mathematics	Anil Chandra, Surbhi Gupta, C.K.Jaggi	Reliability assessment of photoelectric smoke detector, ionization smoke detector and a fire alarm control panel with both detectors as notification device	IJEAT	2019
756	Mathematics	Pragya Mishra, Vandani Verma	Revocable Identity Based Signature Scheme with Outsourced Cloud Revocation Authority	International Journal of Advanced Trends in Computer Science and Engineering	2019
757	Mathematics	Sumit Kaur Bhatia and Sudipa chauhan	Role of Refuge on Dynamics of Prey- Predator Model With Infected Prey	Commun. Math. Biol. Neurosci	2019
758	Mathematics	Mishra, A., Gupta, R., Jain, S.	Secure and robust color image watermarking scheme using partial homomorphic cryptosystem in ASWDR compressed domain	Multimedia Tools and Applications	2019

759	Mathematics	Sunil JOSHI, Ekta MITTAL, Rupakshi M. PANDEY, Sunil D. PUROHIT	Somr Gruss Type Inequalities involving generalized Fractional Integral operator	Bulletin of the Transilvania University of Bra_Sov ,Series III: Mathematics, Informatics, Physics,	2019
760	Physics	Dr G N Pandey-third	. Temperature sensor and monochromatic filter based on one –dimensional photonic crystal containing Si and SiO2 with a defect layer of liquid crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania	2019
761	Physics	Jyoti Katyal	Al-Au heterogeneous dimer-trimer nanostructure for SERS	Nanoscience and Nanotechnology- Asia	2019
762	Physics	Kumari J., Pandey R.S.	Analytical study of Whistler mode waves for relativistic plasma with AC electric field in inner magnetosphere of Saturn	Journal of Astrophysics and Astronomy	2019
763	Physics	Siddheshwar Chopra, Dipti Yadav and Anu Nagpal Chopra	Artificial Neural Networks Based Indian Stock Market Price Prediction: Before and After Demonetization	J Swarm Intel Evol Comput	2019
764	Physics	Prashant Hitashi, Rohit Verma, Parul Khurana, and Sheenam Thatai	Challenges and Influencing Factors of Nanoparticles for Photocatalysis: A Classical Approach in Their Synthesis	Photocatalysis: Perspective, Mechanism, and Applications	2019
765	Physics	Satendra Kumar, Rohit Verma, R. Dhar, and Ambuj Tripathi	Changes in the Thermodynamic Properties of 4-n(Hexyloxy) Benzoic Acid by Li+3 Ion Beam Irradiation	AIP Conference Proceedings	2019
766	Physics	Bisoyi, H.K., Singh, G., Fisch, M.R., Agra-Kooijman, D.M., Li, Q., Kumar, S.	Chiral and orientationally ordered fluid mesophases formed by oxadiazole bisaniline based achiral bent mesogens	Liquid Crystals	2019
767	Physics	Jyoti Katyal	Comparative study between different Plasmonic materials and nanostructures for sensor and SERS application	Reviews in Plasmonics 2017, Springer Book series	2019
768	Physics	Jyoti Katyal	Comparison of Localised Surface Plasmon Resonance and Refractive Index Sensitivity for metallic nanostructures	Material Todays: proceeding	2019
769	Physics	Kumar, S., Kang, T.W., Lee, S.J., Yuldashev, S., Taneja, S., Banyal, S., Singhal, M., Ghodake, G., Jeon, H.C., Kim, D.Y., Choubey, R.K.	Correlation of antibacterial and time resolved photoluminescence studies using bio-reduced silver nanoparticles conjugated with fluorescent quantum dots as a biomarker	Journal of Materials Science: Materials in Electronics	2019

770	Physics	K K Bajpai, K Sreenivas, Ajai K. Gupta, A K Shukla	Cr-doped lead lanthanum zirconate titanate (PLZT) ceramics for pyroelectric and energy harvesting device applications	Ceramics International	2019
771	Physics	Manindra Bhushan, Girigesh Yadav, Deepak Tripathi	Effect of Photon Energy on Conventional Intensity Modulated Radiotherapy and Rapid Arc Radiotherapy Planning for Deep- Seated Targets in Carcinoma Cervix	Asian Journal of Oncology	2019
772	Physics	Kumar, S., Jain, A.,Panwar, S., Sharma, I., Jeon, H.C., Kang, T.W., Choubey, R.K	Effect of silica on the ZnS nanoparticles for stable and sustainable antibacterial application	International Journal of Applied Ceramic Technology	2019
773	Physics	S. Pattanaik, S. Martha, M.K. Sharma, S.K. Pradhan, R. Sakthivel, Ratnamala Chatterjeee, D.K. Mishra	Enhancement of room temperature ferromagnetism in nanocrystalline Zr1- xMnxO2 by the suppression of monoclinic structure of zirconia	Journal of Magnetism and Magnetic Materials	2019
774	Physics	Kaur D., Sharma S.C., Pandey R.S., Gupta R.	Excitation of Gould-Trivelpiece mode by streaming particles in dusty plasma	Laser and Particle Beams	2019
775	Physics	Rajendra Mohan, Mritunjoy Prasad Ghosh, Ravi Kant Choubey, Samrat Mukherjee	Existence of exchange bias and large coercivity in NiFe2O4/CoO core-shell structured nanoparticles	Journal of Materials Science: Materials in Electronics	2019
776	Physics	Ilyass Jellal, Hassan Ahmoum, Yassine Khaaissa, Khalid Nouneh, Mourad Boughrara, Mounir Fahoume, Siddheshwar Chopra, Jamal Naja	Experimental and ab-initio investigation of the microstructure and optoelectronic properties of FCM–CVD-prepared Al- doped ZnO thin films	Applied Physics A	2019
777	Physics	Agarwal S., Pandey R.S., Jeyaseelan C.	Exploring the effect of various plasma parameters on whistler mode growth rates in the Jovian magnetosphere	Astrophysics and Space Science	2019
778	Physics	Suhaas Gupta, Ravi Kant Choubey, Lalit Kumar Sharma, Mritunjoy Prasad Ghosh, Manoranjan Karand Samrat Mukherjee	Exploring the magnetic ground state of vanadium doped zinc sulphide	Semiconductor Science and Technology	2019
779	Physics	Annex E.H., Pandey R.S.	Generation of oblique electromagnetic wave by hot injection electron beam with parallel AC electric field in the magnetosphere of Saturn	Astrophysics and Space Science	2019

780	Physics	H. Ahmoum, M. Boughrara, M. S.Su'ait, S. Chopra and M. Kerouad	Impact of position and concentration of sodium on the photovoltaic properties of zinc oxide solar cells	Physica B: Condensed Matter	2019
781	Physics	u.C.Srivastava & M P Srivastava	Lattice dynamical study of RbF by use of (VTBFS) model potential	Journal of Science and Arts	2019
782	Physics	Kumar, S., Verma, R., Dhar, R., Tripathi, A.	Li +3 ion beam irradiation induced changes in the thermodynamic and electrical parameters of 4-n-(nonyloxy) benzoic acid	Liquid Crystals	2019
783	Physics	C. Konar, M. J. Hardcastle, J. H. Croston, M. Jamrozy, Ananda Hota, and Tapas K. Das	Mode of accretion in episodic radio galaxies and the dynamics of their outer relic lobes	Monthly Notices of Royal Astronomical Society	2019
784	Physics	Dusmanta Patra, Sabyasachi Pal, Chiranjib Konar, Sandip K. Chakrabarti	Multi-frequency Properties of an Interacting Narrow-Angle Tail Radio Galaxy J0037+18	Astrophysics and Space Science	2019
785	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Narrow transmission mode in 1D symmetric defective Photonic Crystal Containing Metamaterial and High Tc Superconductor	Optica Applicata	2019
786	Physics	Mamta Yadav, Subhayan Mandal, and Ashok Kumar	Nonlinear absorption and harmonic generation of laser in an assembly of CNT's	Physics of Plasmas	2019
787	Physics	im, J., Shin, E.-H., Sharma, M.K., Ihm, K., Dugerjav, O., Hwang, C., Lee, H., Ko, K.-T., Park, J.-H., Kim, M., Kim, H., Jung, M.-H.	Observation of Restored Topological Surface States in Magnetically Doped Topological Insulator	Scientific Reports	2019
788	Physics	Siddheshwar Chopra	Optical properties of sub 2nm long (6,5) single-walled carbon nanotubes: first principles investigation	Molecular Physics	2019
789	Physics	Gangwar, L.K., Kumar, A., Singh, G., Choudhary, A., Rajesh, R., Singh, S.P., Biradar, A.M.	Probing the impact of carbon quantum dots on partially unwound helical mode in ferroelectric liquid crystals	Journal of Applied Physics	2019
790	Physics	Keshav Walia, Deepak Tripathi	Self- focusingofellipticallaserbeamincoldq uantumplasma	Optik - International Journal for Light and Electron Optics	2019
791	Physics	Keshav Walia, Deepak Tripathi	Self-focusing of elliptical laser beam in cold quantum plasma	Optik - International Journal for Light and Electron Optics	2019
792	Physics	DeepakTripathi, KeshavWaliaa, and YachnaTyagi	Stimulated Raman scattering of high power beam inthermal quantum plasma	OptikInternational Journal for light and electron optics	2019

793	Physics	Shukla K.N., Singh D., Pandey R.S.	Study of relativistic beam of electron on whistler mode waves for subtracted distribution in Saturnian magnetosphere	Astrophysics and Space Science	2019
794	Physics	Kumari J., Pandey R.S.	Study of VLF wave with relativistic effect in Saturn magnetosphere in the presence of parallel A.C. electric field	Advances in Space Research	2019
795	Physics	Asish Kumar, Khem B. Thapa and Girijesh N. Pandey	Temperature sensor and monochromatic filter based on one –dimensional photonic crystal containing Si and SiO2 with a defect layer of liquid crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania)	2019
796	Physics	Shukla, A.K., Sharma, A., Sharma, M., Nandan, G.	Thermodynamic investigation of solar energy-based triple combined power cycle	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2019
797	Physics	U.C. Srivastava & S.P. Singh	Thermophysical and Ultrasonic Properties on Magnesium Oxide	International Journal of Recent Technology and Engineering (IJRTE)	2019
798	Physics	Dr G N Pandey-3	Tunable optical properties of hyperbolic meta-material	Published by AIP Publishing	2019
799	Physics	3. Sunil Kumar, H.C. Jeon, T.W. Kang, Rajni Seth, Sanjay Panwar, Surendra K. Shinde, D.P. Waghmode, Rijuta Ganesh Saratale and Ravi Kant Choubey	Variation in chemical bath pH and the corresponding precursor concentration for optimizing the optical, structural and morphological properties of ZnO thin films	Journal of Materials Science: Materials in Electronics	2019
800	Statistics	Ujjaval Srivastava, Kaushalendra Kumar Singh and Anjali Pandey	Estimation of Monthly Probability of Conception based on Lindley Conditional Risk of Intercourse	Journal of Statistics Applications & Probability Letters	2019
801	Statistics	AJIT CHATURVEDI AND SHANTANU VYAS	Generalized Gamma - Maxwell distribution: Properties and estimation of reliability functions	Journal of Statistics and Management Systems	2019
802	Statistics	B. B. Khare, Utkarsh, Supriya Khare	On the utilization of known coefficient of variation and preliminary test of significance in the estimation of population mean	International Journal of Agricultural and Statistical Sciences	2019

803	Statistics	Supriya Khare, Akash Mishra, Utkarsh, R. N.Mishra, Neelima Alka Singh	Predictors of Neonatal and Infant Deaths in India	International Journal of Health Sciences and Research	2019
804	Statistics	Ashok Kumar, Dheeraj Pawar & S. C. Malik	Profit analysis of a warm standby non- identical unit system with single server performing in normal/abnormal environment	Life Cycle Reliability and Safety Engineering	2019
805	Statistics	Ashok Kumar, Dheeraj Pawar, S. C. Malik	Profit analysis of a warm standby non- identical units system with single server subject to preventive maintenance	International Journal of Agricultural and Statistical Sciences	2019
806	Statistics	Mritunjay Pal Singh, Abhishek Bharti and Niraj Kumar Singh	Spatial Statistics Approach for Study of Infant Mortality in Uttar Pradesh, India	Journal of Statistics Applications & Probability	2019
807	Statistics	Mritunjay Pal Singh, Abhishek Bharti NIraj Kumar Singh	Spatial Statistics for study of infant mortality in Uttar Pradesh	Journal of Statistics Application and Probability	2019
808	Statistics	Verma, A.K., Singh, D., Singh, S., Yadav, R.R.	Surfactant-free synthesis and experimental analysis of Mn-doped ZnOâ€“glycerol nanofluids: an ultrasonic and thermal study	Applied Physics A: Materials Science and Processing	2019
809	Statistics	Ashok Kumar, D. Pawar, S. C. Malik	Weathering server system with non- identical units and priority to repair of main unit	Journal of Advanced Research in Dynamical and Control Systems	2019
810	Chemistry	Dr. Sonal Chauhan- First	An in-vitro evaluation of Tribulus terrestris fruit extract for exploring therapeutic potential against certain gut ailments,	Ind J Exp Biol.	2018
811	Chemistry	Deepshikha Gupta, AL Verma, Monika Tyagi	Application of ZnO Nanoparticles in enhancing shelf life of cut flowers with special reference to Gerbera jamesonii	Research Journal of Chemistry and Environment	2018
812	Chemistry	Dr. Sonal Chauhan- First	Barrier strengthening and Anti- inflammantory Effects of Cucurbit Fruits on Intestinal Epithelial Cells In-vitro”,	Current Nutrition and Food Science	2018
813	Chemistry	Garg, S., Yadav, M., Chandra, A., Sapra, S., Gahlawat, S., Ingole, P.P., Pap, Z., Hernadi, K.	Biofabricated BiOI with enhanced photocatalytic activity under visible light irradiation	RSC Advances	2018
814	Chemistry	Singh, G., Jeyaseelan, C., Bandyopadhyay, K.K., Paul, D.	Comparative analysis of biodiesel produced by acidic transesterification of lipid extracted from oleaginous yeast Rhodosporidium toruloides	3 Biotech	2018

815	Chemistry	Sharma R., Madan S., Tiwari S.	Degradation of toxic contaminants in water using nanotitania on flyash substrate	AIP Conference Proceedings	2018
816	Chemistry	Chakraborty, B., Gan- Or, G., Raula, M., Gadot, E., Weinstock, I.A.	Design of an inherently-stable water oxidation catalyst	Nature communications	2018
817	Chemistry	Shaw R., Mittal T., Tiwari S., Tiwari S.K.	Enhanced adsorption at ZnO nanoflakes@zeolite core shell interface: A study of changing adsorption dynamics	Journal of Environmental Chemical Engineering	2018
818	Chemistry	Garg, S., Yadav, M., Chandra, A., Sapra, S., Gahlawat, S., Ingole, P.P., Todea, M., Bardos, E., Pap, Z., Hernadi, K.	Facile green synthesis of BiOBr nanostructures with superior visible- light-driven photocatalytic activity	Materials	2018
819	Chemistry	Sharma R., Tiwari S., Tiwari S.K.	Highly Reflective Nanostructured Titania Shell: A Sustainable Pigment for Cool Coatings	ACS Sustainable Chemistry and Engineering	2018
820	Chemistry	Kaur, R., Khullar, P., Mahal, A., Gupta, A., Singh, N., Ahluwalia, G.K., Bakshi, M.S.	Keto-Enol Tautomerism of Temperature and pH Sensitive Hydrated Curcumin Nanoparticles: Their Role as Nanoreactors and Compatibility with Blood Cells	Journal of Agricultural and Food Chemistry	2018
821	Chemistry	Duhan, M., Kaur, H., Bhardwaj, R., Kumar, N., Kumar, S., Gupta, A., Gautam, S.	Magnetic metamorphosis of structurally enriched sol-gel derived SnO2 nanoparticles	Vacuum	2018
822	Chemistry	Singhal P., Mazumdar P., Rattan S.	One pot synthesis of free standing highly conductive polymer nanocomposite films: Towards rapid BTX vapor sensor	Polymer Engineering and Science	2018
823	Chemistry	Garg, S., Yadav, M., Chandra, A., Gahlawat, S., Ingole, P.P., Pap, Z., Hernadi, K.	Plant leaf extracts as photocatalytic activity tailoring agents for BiOCl towards environmental remediation	Ecotoxicology and Environmental Safety	2018
824	Chemistry	Sole B.B., Seshadri G., Tyagi A.K., Rattan S.	Preparation of antibacterial and antifungal breathable polyether block amide/chloropropane diol membranes via solution casting	Journal of Applied Polymer Science	2018
825	Chemistry	Saganovich, M., Gadot, E., Raula, M., Weinstock, I.A.	Proton-coupled electron transfer from photo-excited CdS nanoparticles	Journal of Coordination Chemistry	2018

826	Chemistry	Ziach, K., Chollet, C., Parissi, V., Prabhakaran, P., Marchivie, M., Corvaglia, V., Bose, P.P., Laxmi-Reddy, K., Godde, F., Schmitter, J.- M., Chaignepain, S., Pourquier, P., Huc, I.	Single helically folded aromatic oligoamides that mimic the charge surface of double-stranded B-DNA	Nature Chemistry	2018
827	Chemistry	Sehgal T., Rattan S.	Stimuli-responsive hydrogels through gamma radiation induced graft copolymerization of hydrophilic monomers onto polymeric films: For biomedical applications	Advances in Polymers for Biomedical Applications	2018
828	Chemistry	Jeyaseelan, C., Chaudhary, N., Jugade, R.	Sulphate-Crosslinked Chitosan as an Adsorbent for the Removal of Congo Red Dye From Aqueous Solution	Air, Soil and Water Research	2018
829	Chemistry	Sangam S., Gupta A., Shakeel A., Bhattacharya R., Sharma A.K., Suhag D., Chakrabarti S., Garg S.K., Chattopadhyay S., Basu B., Kumar V., Rajput S.K., Dutta M.K., Mukherjee M.	Sustainable synthesis of single crystalline sulphur-doped graphene quantum dots for bioimaging and beyond	Green Chemistry	2018
830	Chemistry	Dr. Sonal Chauhan- First	Therapeutic Potential of Cucurbits Against Radiation Induced Inflammation And Damage In Mice Gut.	International Journal of Pharmaceutical Sciences and Research	2018
831	Chemistry	Mazumdar P., Chockalingam S., Rattan S., Gupta B.K.	Tunable mechanical, electrical, and thermal properties of polymer nanocomposites through GMA bridging at interface	ACS Omega	2018
832	Chemistry	Thatai, S., Verma, R., Khurana, P., Goel, P., Kumar, D.	Water quality standards, its pollution and treatment methods	A New Generation Material Graphene: Applications in Water Technology	2018
833	Mathematics	Saniya Batra, Prakriti Rai	A Further Extension of Generalized Hurwitz – Lerch Zeta Function of Two Variables	International Journal of Pure and Applied Mathematics	2018
834	Mathematics	Pooja, Chaturvedi, P., Kumar, P., Tomar, A.	A novel differential evolution approach for constraint optimisation	International Journal of Bio-Inspired Computation	2018
835	Mathematics	Gupta, R., Mishra, A., Jain, S.	A semi-blind HVS based image watermarking scheme using elliptic curve cryptography	Multimedia Tools and Applications	2018

836	Mathematics	Upadhyaya, S. and Shimpy Rani	Analysis of an unreliable retrial queue with J-optional vacations	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
837	Mathematics	Shweta Upadhyaya	Analysis of discrete-time retrial queue with preferred and impatient customers and starting failure	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
838	Mathematics	Parveen, T., Arora, H.D.	Applying information measure for predicting release time of open source software	Walailak Journal of Science and Technology	2018
839	Mathematics	Neelam Sharma ,surbhi gupta	Boolean function approach for Reliability of dual channel logic communication system	Malaya Journal of Mathematik	2018
840	Mathematics	Vinay Gautam, S. P. Tiwari, Priyanka Pal and Jayanti Tripathi	Categories of Automata and Languages Based on a Complete Residuated Lattice	New Mathematics and Natural Computation	2018
841	Mathematics	Talat Praveen	Congestion pricing, motorcycle, marginal-health cost, generalized cost, EMME-2.	Walailak Journal of Science & Technology	2018
842	Mathematics	Chauhan, A., Arora, R., Tomar, A.	Convergence of strong shock waves in non-ideal magnetogasdynamics	Physics of Fluids	2018
843	Mathematics	V Kumar, VB Singh, A Dhamija, S Srivastav	Cost-Reliability-Optimal Release Time of Software with Patching Considered	International Journal of Reliability, Quality and Safety Engineering	2018
844	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Vaishali Tyagi	Dynamics of Influenza A(H1N1) Epidemic Model with Vaccination under the influence of Recruitment Rate	International Journal of Applied Mathematics and Statistics	2018
845	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, and Swati Sharma	Effect of Delay on Single Population with Infection in Polluted Environment	International Journal of Mathematics and Computation	2018
846	Mathematics	Tvagi, V., Kaur Bhatia, S., Chauhan, S., Kumari, V.	Effect of Holling type II Function in Stage Structured Model with Maturation Delay	Proceedings of the 8th International Conference Confluence 2018 on Cloud Computing, Data Science and Engineering, Confluence 2018	2018
847	Mathematics	Dongmin Shin, Mandeep Mittal and Biswajit Sarkar	Effects of human errors and trade- credit financing in a two-echelon supply chain model	European Journal of Industrial Engineering	2018

848	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal*, Sumil Mehta	Effects of imperfect quality items in the asymmetric information structure in supply chain model	Uncertain Supply Chain Management	2018
849	Mathematics	Gupta, P., Arora, H.D., Tiwari, P., Goyel, P.	Fuzzy directed divergence measure and its application to decision making	Songklanakarin Journal of Science and Technology	2018
850	Mathematics	Mandeep Mittal*, Nagpal, C., Malhotra, N., Lambora, A., Agarwal, R. and Mehta	Genetic model for supply chain inventory optimization	International Journal Supply Chain and Operations Resilience	2018
851	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, and Swati Sharma	Harvesting of Stage Structured Fishery Model in the presence of Toxicity	Electronic Journal of Mathematical Analysis and Applications	2018
852	Mathematics	Chaudhary, K., Kumar, K., Mehta, S.	Incorporating repeat purchasing in innovation diffusion model using stochastic differential equations	Proceedings of the International Conference on Industrial Engineering and Operations Management	2018
853	Mathematics	S. Hans, D. Tripathi, A. A. Mogbademu, Babita Tyagi	Inequalities For rational functions with prescribed poles	Journal of Interdisciplinary Mathematics	2018
854	Mathematics	N. K. GOVIL AND S. HANS	ON SHARPENING OF A THEOREM OF T. J. RIVLIN	Journal of Classical Analysis	2018
855	Mathematics	Reshu Agarwal, Sarla Pareek, B Sarkar, Mandeep Mittal	Ordering policy using multi-level association rule mining	International Journal of Information Systems and Supply Chain Management	2018
856	Mathematics	Shweta Upadhyaya	Performance analysis of a discrete- time Geo/G/1 retrial queue under J- vacation policy	International Journal of Industrial and Systems Engineering (Inderscience)	2018
857	Mathematics	Gahlot, M., Singh, V.V., Ayagi, H.I., Goel, C.K.	Performance assessment of repairable system in series configuration under different types of failure and repair policies using copula linguistics	International Journal of Reliability and Safety	2018
858	Mathematics	Vandana Kumari, Sudipa Chauhan, Sumit Kaur Bhatia, Joydip Dhar	Plant-pest-natural enemy model with impulsive biological and chemical control	Differential Equation and Application	2018

859	Mathematics	Shandilya, A., Gupta, H., Khatri, S.K.	Role and Aplications of Iot in Online Transactions using Blockchain Technology	Proceedings on 2018 International Conference on Advances in Computing and Communication Engineering, ICACCE 2018	2018
860	Mathematics	Aakanshi Gupta, Bharti Suri, Vijay Kumar, Sanjay Misra, Tomas Blažauskas, Robertas Damaševičius	Software code smell prediction model using shannon, rényi and tsallis entropies	Entropy	2018
861	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Applications of Generalized Extended Fractional Derivative Operator	Ganita	2018
862	Mathematics	Chaturvedi, A., Rai, P.	Some properties of extended hypergeometric function and its transformations	Journal of the Indian Mathematical Society	2018
863	Mathematics	Upadhyaya, S. and Vaishnawi	State dependent MX/G/1 G-queue with working vacation and vacation interruption	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
864	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal	Supply chain model for imperfect quality items with trade credit financing: Game theoretic approach	International Journal Revista Invetigacion Operacional (IJRIO)	2018
865	Mathematics	Rita Yadav, Sarla Pareek, Mandeep Mittal	Supply chain models with imperfect quality items when end demand is sensitive to price and marketing expenditure	RAIRO-Operations Research	2018
866	Mathematics	Majumder, R., Som, S., Gupta, R.	Vulnerability prediction through self- learning model	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018
867	Mathematics	Malik, G. and Upadhyaya, S.	Working avcation policy for bulk retrial G-queue with Bernoulli feedback and delayed repair	International Journal of Computer & Mathematical Sciences (IJCMS)	2018
868	Physics	Sunil Kumar, H.C. Jeon, T.W. Kang, Rajesh Kalia, J.K. Sharma, Sanjay Panwar, Sapna Kalia, Vandana Sharma and R. K. Choubey	“Development of Humidity Sensor using Nanoporous Polycarbonate Membranes”	Russian Journal of Physical Chemistry A	2018

869	Physics	SATYENDRA PRATAP SINGH	Analysis of dielectric parameters and penetration depth of tomato sauces	Journal of Food Processing & Technology	2018
870	Physics	Siddheshwar Chopra	Boron fullerenes, Bn (n=20, 30, 38, 40, 50, 60): First principle calculations of electronic and optical properties	Journal of Molecular Graphics and Modelling	2018
871	Physics	Singh, S.P., Chandel, V.S., Manohar, R.	Dielectric study of Clove oil	Journal of Ayurveda and Integrative Medicine	2018
872	Physics	Bhushan, M., Yadav, G., Tripathi, D., Kumar, L., Kishore, V., Dewan, A., Kumar, G., Wahi, I.K., Gairola, M.	Dosimetric Analysis of Unflattened (FFFB) and Flattened (FB) Photon Beam Energy for Gastric Cancers Using IMRT and VMATâ€"a Comparative Study	Journal of Gastrointestinal Cancer	2018
873	Physics	Kumari J., Kaur R., Pandey R.S.	Effect of hot injections on electromagnetic ion-cyclotron waves in inner magnetosphere of Saturn	Astrophysics and Space Science	2018
874	Physics	Singh, G., Fisch, M.R., Kumar, S.	Electrically tunable photoluminescence of semiconducting quantum dots doped nematic liquid crystal nanocomposites	AIP Conference Proceedings	2018
875	Physics	SATYENDRA PRATAP SINGH	Electro Optical Properties of Cholesteric Liquid Crystal	Archives of Physics Research	2018
876	Physics	Tanbir, K., Sharma, L.K., Aakash, Singh, R.K., Choubey, R.K., Mukherjee, S.	Evidence of exchange-coupled behavior in chromium-cobalt ferrite nanoparticles	Evidence of exchange- coupled behavior in chromium-cobalt ferrite nanoparticles	2018
877	Physics	Dwivedi, A., Verma, R., Dhar, R., Dabrowski, R.	Exploration of dielectric relaxations of a room temperature anti- ferroelectric liquid crystal mixture	AIP Conference Proceedings	2018
878	Physics	G. N. Pandey and Khem B Thapa,	Extension of Photonic Band Gap in One- Dimensional Ternary Metal- Dielectric Photonic Crystal	AIP Conference Proceedings	2018
879	Physics	Kandpal P., Pandey R.S.	Higher harmonics electrostatic ion cyclotron parallel flow velocity shear instability with inhomogeneous DC electric field in the magnetosphere of Saturn	Astrophysics and Space Science	2018

880	Physics	Kumar, S., Verma, R., Dwivedi, A., Dhar, R., Tripathi, A.	Improving the thermal stability and electrical parameters of a liquid crystalline material 4-n-(nonyloxy) benzoic acid by using Li ion beam irradiation	AIP Conference Proceedings	2018
881	Physics	Tyagi, Y., Tripathi, D., Walia, K., Garg, D.	Ion acoustic wave assisted laser beat wave terahertz generation in a plasma channel	Physics of Plasmas	2018
882	Physics	Pandey R.S., Singh V., Rani A., Varughese G., Singh K.M.	Oblique propagating electromagnetic ion - Cyclotron instability with A.C. field in outer magnetosphere	AIP Conference Proceedings	2018
883	Physics	Siddheshwar Chopra, Dipti Yadav and Anu Nagpal Chopra	Ozone Hole Area Prediction at Earth's North and South Poles by Marvel Interface	J Swarm Intel Evol Comput	2018
884	Physics	Sharma, M., Shukla, A.K., Singh, A., Johri, S., Singh, H.P.	Parametric analysis of solar energy conversion system using parabolic concentrator and thermopile	International Journal of Ambient Energy	2018
885	Physics	u c srivastava	Phonon Study of Mg2Sio4 by using [VTBFS] Model	Der Pharma Chemica	2018
886	Physics	Katyal, J.	Plasmonic coupling in Au, Ag and Al nanosphere homo-dimers for sensing and SERS	Advanced Electromagnetics	2018
887	Physics	K K Bajpai, K Sreenivas, Ajai K. Gupta, A K Shukla,	Pyroelectric properties of (Ba1- xCdx)(Zr0.13Ti0.87)O3 ferroelectric ceramics in polymorphic state	Ceramics International	2018
888	Physics	Rakshit, S., Stalin, C.S., Hota, A., Konar, C.	Rare Finding of a 100 Kpc Large, Double-lobed Radio Galaxy Hosted in the Narrow-line Seyfert 1 Galaxy SDSS J103024.95+551622.7	Astrophysical Journal	2018
889	Physics	Dr Adarsh Kumar	Satellite derived spatio-temporal characteristics of aerosol optical depths and cloud parameters over tropical Indian region	Journal of Indian Geophysical Union	2018
890	Physics	Pandeya G.N., Thapa K.B.	Some optical properties of one dimensional annular photonic crystal with plasma frequency	AIP Conference Proceedings	2018
891	Physics	N Jeni Victor, T Dharmaraj, G R Chinthalu, & Devendraa Siingh	Spatial and temporal variability of atmospheric surface albedo over the central north region of India for the period of 2004-2016	Journal of Indian Geophysical Union	2018
892	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Strengths of rotational lines from H 2 CC molecule: Addressing tentative detection	Molecular Astrophysics	2018

893	Physics	Kandpal P., Pandey R.S.	Study of Electromagnetic Electron Cyclotron Waves for Kappa Distribution with AC Field in the Magnetosphere of Saturn	Plasma Physics Reports	2018
894	Physics	Kandpal P., Pandey R.S.	Study of electrostatic electron cyclotron parallel flow velocity shear instability in the magnetosphere of Saturn	AIP Conference Proceedings	2018
895	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for search of ethylene oxide (c -C 2 H 4 O) in a cosmic object	Astrophysics and Space Science	2018
896	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for search of silanone (H 2 SiO) in interstellar medium	Advances in Space Research	2018
897	Physics	Sharma, M.K., Sharma, M., Chandra, S.	Suggestion for the search of 2- aminoethanol in a cosmic object	Astronomische Nachrichten	2018
898	Physics	u c srivastava	Unified study of ND4I by lattice dynamical approach	Journal of Science and Arts	2018
899	Physics	Kandpal P., Kaur R., Pandey R.S.	Velocity shear Kelvin-Helmholtz instability with inhomogeneous DC electric field in the magnetosphere of Saturn	Advances in Space Research	2018
900	Physics	Kumar, S., Surbhi, Yadav, M.K.	Vibrational Spectroscopic Investigation, First Hyper Polarizability and Homoâ€“Lumo Analysis of Tetrahydroxy- 1,4Quinone Hydrate Using Density Functional Theory and Hartree-Fock Method	Russian Journal of Physical Chemistry B	2018
901	Physics	Kumari J., Pandey R.S.	Whistler mode waves for ring distribution with A.C. electric field in inner magnetosphere of Saturn	Astrophysics and Space Science	2018
902	Statistics	B. B. Khare, Utkarsh, Supriya Khare	A Modified Generalized Chain Regression Cum Ratio Estimator for Population Mean in the presence of Non-response	Journal of Statistics Applications & Probability	2018
903	Statistics	Ujjaval Srivastava, Kaushalendra K. Singh, Prashant Verma, Anjali Pandey, Anjali Singh, Ruchi Mishra	Adolescents' Insight into STDs, HIV/AIDS and Family Welfare Methods: Current Status and Myths from School Based Study in Varanasi, India	Demography India	2018
904	Statistics	Sole Author	An Efficient Dual to Ratio-cum- Product Estimator for the Population Mean in Stratified Random Sampling	International Journal of Scientific Research in Mathematical and Statistical Sciences	2018

905	Statistics	B. B. Khare, Utkarsh, Supriya Khare	An efficient generalized chain regression cum ratio estimator for population mean in the presence of non-response	Application of Statistical and Computational Softwares	2018
906	Statistics	Ashok Kumar, Dheeraj Pawar, S. C. Malik	Economic analysis of a warm standby system with single server	International Journal of Mathematics and Statistics Invention	2018
907	Statistics	B. B. Khare, Utkarsh, Supriya Khare	Generalized and transformed two phase sampling Ratio and Product Type Estimators for Population Mean Using Auxiliary Character in the presence of Unit non-response on study and auxiliary Character	Journal of Scientific Research, B.H.U	2018
908	Statistics	B. B. Khare, Utkarsh, Supriya Khare	Improved Class Of Chain Type Estimators For Product Of Two Population Means Using Two Auxiliary Characters In The Presence Of Non-response	International Journal of Engineering and Future technology	2018
909	Statistics	Dharma Raj1,∗, Bhanu Pratap Singh1, Brijesh Pratap Singh1 and Niraj Kumar Singh2	Intergenerational Social Mobility among Construction labourers in Varanasi city	Journal of Statistics Application and Probability Letters	2018
910	Statistics	Anjali Pandey, K. K. Singh & Anjali Singh	On Estimation of Fertility Measures: Visualizing the Future Courses through Stochastic Model	Demography India	2018
911	Statistics	Ashok Kumar, S. C. Malik, Dheeraj Pawar	Profit analysis of a warm standby non- identical units system with single server subject to priority	International Journal on Future Revolution in Computer Science & Communication Engineering	2018
912	Statistics	Reetu Rathee, D. Pawar, S. C. Malik	Reliability modeling and analysis of a parallel unit system with priority to repair over replacement subject to maximum operation and repair times	International Journal of Trend in Scientific Research and Development	2018
913	Statistics	Reetu Rathee, D. Pawar, S.C. Malik	Reliability Modelling and Analysis of Parallel Unit System with Priority to Repair over Replacement Subject to Maximum Operation and Repair Times	International Journal of Trend in Scientific Research and Development	2018
914	Statistics	M. P. Singh, Abhishek Bharti, Niraj Kr Singh, R D Singh	Spatial Scan Study for mortality Under Age 5 year in the EAG States and Assam	International Journal of Statistics and Economics	2018
915	Chemistry	Mittal T., Tiwari S., Tiwari S.K.	A facile process for fabrication of environmentally safe superhydrophobic surfaces	Journal of Coatings Technology and Research	2017

916	Chemistry	Mittal T., Tiwari S., Mehta A., Tiwari S.K., Sharma S.N.	Comparison of polymeric stabilization of organic/inorganic (MEH-PPV/TiO2) hybrid composites synthesized via different routes	Colloid and Polymer Science	2017
917	Chemistry	Yadav P., Rattan S., Tripathi A., Kumar S.	Cost ejficient PMMA/NG nanocomposites for electromagnetic interference shielding applications	Materials Research Express	2017
918	Chemistry	Sharma R., Tiwari S.	Design of fly ash based core shell composites as heat reflective coatings for sustainable buildings	Springer Proceedings in Physics	2017
919	Chemistry	Shaw R., Sharma R., Tiwari S.	Fly ash based zeolite as an anti- corrosive pigment in paints	Springer Proceedings in Physics	2017
920	Chemistry	Mazumdar P., Rattan S.	Improved electrical and thermal properties of TETA functionalized NGPs/Epoxy nanocomposites	Springer Proceedings in Physics	2017
921	Chemistry	Singhal P., Raghavan S., Rattan S., Diwan R.K.	Polypropylene/glass fiber composites for low cost orthotic aid	Springer Proceedings in Physics	2017
922	Chemistry	Jain V.K., Rattan S., Verma A.	Preface	Springer Proceedings in Physics	2017
923	Chemistry	Gupta, A., Kaur, H., Kumar, S.	Structural and morphological characterization of transition metal (Fe, Co) doped SnO2nanoparticles	Springer Proceedings in Physics Volume 178, 2017	2017
924	Chemistry	Mittal T., Tiwari S., Sharma S.N.	Unusual photocatalytic activity of Cr- doped TiO2 nanoparticles	Springer Proceedings in Physics	2017
925	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan, Apurva Agarwal	A Stage-Structured Prey- Predator Fishery Model In The Presence Of Toxicity With Taxation As A Control Parameter of Harvesting Effort	Journal of Non- Linear Analysis and Application	2017
926	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan , Apurva Agarwal	A Stage-Structured Prey Predator Fishery Model In The Presence Of Toxicity With Taxation As A Control Parameter of Harvesting Effort”	Journal Nonlinear Analysis and Application	2017
927	Mathematics	Pramila Shukla and Ranjana Prakash	Birefringence of vacuum in the presence of a counterpropagating electromagnetic wave	International Journal of Modern Physics B	2017
928	Mathematics	Abhishek Singh and P.K. Banerji	Cauchy representation for Fractional Fourier transform for Boehmians	.	2017
929	Mathematics	Saniya Batra, Prakriti Rai, S.N.Singh	Certain Double Series Rogers- Ramanujan Type Identities	South East Asian Journal of Mathematics and Mathematical Science	2017

930	Mathematics	SACHEENDRA SHUKLA, S N PANDEY	Conformally invariant gravitational waves in a zeldovich fluid distribution	International Journal of Pure and Applied Mathematics	2017
931	Mathematics	Abhishek	Development of real-time immuno- PCR for the quantitative detection of mycobacterial PstS1 in tuberculosis patients	Journal of microbiological methods 132, 134-138	2017
932	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Preeti Chaudhary	Effect of Pollution on Prey-Predator system with infected Predator	Materials Today: Proceedings	2017
933	Mathematics	Talat Parveen	Estimating Release Time and Predicting Bugs with Shannon Entropy Measure and Their Impact on Software Quality	Thai Journal of Mathematics	2017
934	Mathematics	E.Mittal,S,Joshi,R.M.P andey,V.N.Mishra	Fractional Integral and Integral Transformation formulae using generalized Appell Hyper geometeric functions	Nonlinear Science Letters A	2017
935	Mathematics	Abhishek Singh and P.K. Banerji	Fractional integrals of fractional Fourier transform for integrable Boehmians	IJPAM	2017
936	Mathematics	Anupam K. Singh	FUZZY PREORDERED SET, FUZZY TOPOLOGY AND FUZZY AUTOMATON BASED ON GENERALIZED RESIDUATED LATTICE	Annals of fuzzy Mathematics and Informatics (AFMI)	2017
937	Mathematics	S. Hans, D. Tripathi; and Babita Tyagi	INEQUALITIES DESCRIBING THE GROWTH OF POLYNOMIALS	Nonlinear Science Letters A	2017
938	Mathematics	N Bhatt, A Anand, VSS Yadavalli, V Kumar	Modeling and Characterizing Software Vulnerabilities	International Journal of Mathematical, Engineering and Management Sciences	2017
939	Mathematics	V Kumar, PK Kapur, N Taneja, R Sahni	On allocation of resources during testing phase incorporating flexible software reliability growth model with testing effort under dynamic environment	International Journal of Operational Research	2017
940	Mathematics	S Biswas	On an application of Geiger–Muller counter model (Type-II) for optimization relating to hospital administration	Acta Medica International	2017
941	Mathematics	S. Biswas	On The Estimation of Double Decrement Life-Table of HIV Population	INTERNATIONAL JOURNAL OF ECOLOGICAL ECONOMICS & STATISTICS	2017

942	Mathematics	Neelam sharma , Surbhi Gupta,Ekta gupta	Operational Readiness of Traffic Signal System with Human Error under Environmental Conditions	IOSR Journal of Mathematics	2017
943	Mathematics	Anil chandra ,Surbhi Gupta	Performance Analysis of Gold Extraction Process system under different Failure using Boolean Algebra	International Journal of Computer Sciences and Engineering	2017
944	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Probabilistic Analysis of a 3-Unit Induced Draft Fan System with one warm Standby with Priority to repair of the Unit in Working State	International Journal of System Assurance Engineering and Management (Springer)	2017
945	Mathematics	Mandeep Mittal, Aditi Khanna* and C K Jaggi	Retailer's ordering policy for deteriorating imperfect quality items when demand and price are time- dependent under inflationary conditions and permissible delay in payments	International Journal of Procurement Management	2017
946	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Families of Generating Functions for A class of Extended Bivariate Polynomials	International Journal of Pure and Applied Mathematics	2017
947	Mathematics	E.Mittal,S.Joshi,R.M.P andey	Study of Generating Function involving Generalized Lauricella function	International Journal of Mathematics trends and Technology (IJMTT)	2017
948	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	. Rotational quenching of H2CO by molecular hydrogen - suggestion on the work of Wiesen- feld & Faure	Pramana	2017
949	Physics	Mohit K. Sharma, Pramod G. Musrif, Monika Sharma & Suresh Chandra	. Suggestion for search for TiH2 molecule in an interstellar molecular cloud	Astronomische Nachrichten	2017
950	Physics	Bhavesh Kumar Dadhich, Indrajit Kumar, Ravi Kant Choubey, Bhavya Bhushan, and Amiya Priyam	"Shape and Size Dependent Nonlinear Refraction and Absorption in Citrate- stabilized, Near-IR Plasmonic Silver Nanopyramids"	Photochemical & Photobiological Sciences	2017
951	Physics	Sidra Aijaz, Arham Shareef Ahmed, R. S. Pandey and Ravi Kant Choubey	"Synthesis, Structural and Optical Properties of Transition Metal Doped ZnO Nanoparticles"	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics	2017
952	Physics	Gurunath Jadhav, Sanjay Sahare, Dipti Desai, Tejashree M Bhave, S. N. Kale and Ravi Kant Choubey	Effect of Copper Doping on Physical Properties of Cadmium Oxide Thin Films	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics,	2017

953	Physics	K K Bajpai, K Sreenivas, O P Thakur, A R James, A K Shukla	Influence of Cd doping on the electro- strain of barium zirconate titanate ceramics	Ceramics International	2017
954	Physics	Deepak Tripathi, Keshav Walia and Yachna Tyagi	Investigation of weakly relativistic ponderomotive effects on selffocusing during interaction of high power elliptical laser beam with plasma	Communication ofTheoratical Physics	2017
955	Physics	Yachna Tyagi, Deepak Tripathi, and Keshav Walia	Laser second harmonic generation in a magnetoplasma assisted by an electrostatic wave	Physics of Plasmas (AIP)	2017
956	Physics	u c srivastava	Medical Aspects and Role of Van der Waals forces	Der Pharma Chemica	2017
957	Physics	L. Wang, H. K. Bisoyi, Z. Zheng, Karla G. Gutierrez-Cuevas, G. Singh, S. Kumar, T. J. Bunnning, and Q. Li	Mesogen-Functionalized Graphene- Embedded Self-Organized Chiral Superstructures for Adaptive Window	Materials Today	2017
958	Physics	J. P. Pandey and G. N. Pandey	Omni directional Reflection Behavior of Negative Index Materials	International Journal of Pure and Applied Physics	2017
959	Physics	J.P. Pandey and G. N. Pandey	Omnidirectional Band Gap in Hetrostructure Materials Composed of Meta-Materials and Magnetic Materials	International Journal of Engineering Research and Application	2017
960	Physics	Mohit K. Sharma, Monika Sharma, Arvind K. Sharma & Suresh Chandra	On partition function in Astronomy & Astrophysics	Astronomische Nachrichten	2017
961	Physics	Jyoti Katyal	Oxide layered nanostructure for sensing application	International journal of Advanced Research in Science and Engg	2017
962	Physics	u c srivastava	Phonon Dynamical Study of Copper by Using [VTBFS] Models	Journal of Science and Arts	2017
963	Physics	G N Pandey	Photonic Band Gap in One- Dimensional Ternary Metal-Dielectric Photonic Crystal	International Journal of Engineering Research and Application	2017
964	Physics	Jyoti Katyal	Plasmonic layered nanostructure for deep UV-UV biosensing	International journal of Advanced Research in Science and Engg.	2017

965	Physics	D.K. Mishra, S. Pattanaik, S. Dash, M.K. Sharma, P. Kumar, S. Ray, Ratnamala Chatterjee, D. Kanjilal	Signature of magnetization in Xe ions implanted ZnO: Correlation with oxygen defects as probed by photoelectron spectroscopy	Journal of Nanoscience and Nanotechnology	2017
966	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Single Walled Carbon Nanotubes Persuaded Optimization of the Thermodynamic, Electrical and Electro- optical Characteristics of a Room Temperature Liquid Crystal Display Material “4-Pentyl-4′cyanobiphenyl	Springer Proc. in Phys.	2017
967	Physics	Kaur R., Pandey R.S.	Study of electron beam on electron cyclotron waves with AC field in the magnetosphere of uranus	Advanced Electromagnetics	2017
968	Physics	Kaur R., Pandey R.S.	Study of oblique propagating whistler mode waves in presence of parallel DC electric field in magnetosphere of saturn	Advanced Electromagnetics	2017
969	Physics	Kaur R., Pandey R.S.	Study of whistler mode waves for ring distribution function in Saturn's magnetosphere	Advances in Space Research	2017
970	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for search of cyclopropenone (c-C3H2O) in a cosmic object	Molecular Astrophysics	2017
971	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Suggestion for the detection of TiO2 in interstellar medium	Astrophysics and Space Science	2017
972	Physics	Sidra Aijaz, Arham Shareef Ahmed, R. S. Pandey and Ravi Kant Choubey	Synthesis, Structural and Optical Properties of Transition Metal Doped ZnO Nanoparticles	Recent Trends in Materials and Devices, Volume 178 of the series Springer Proceedings in Physics	2017
973	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Temperature dependence of collisional rate coefficients for rotational transitions: a-type asymmetric top molecules	New Astronomy	2017
974	Physics	D. M. Agra-Kooijman, G. Singh, M. R. Fisch, M. R. Vengatesan, J. - K. Song, and S. Kumar	The oblique chiral nematic phase in calamitic bimesogens	Liquid Crystals	2017
975	Physics	1. Sarvendra Kumar, Surbhi, M. K. Yadav	Ultraviolet absorption spectra, solvent effect and Non-linear Optical properties of tetrahydroxy 1- 4 quinone hydrate by Hartee fock and Density functional theory	Asian Journal of Chemistry’	2017

976	Physics	Siddheshwar Chopra and Felix Plasser	UV Absorption in metal decorated Boron nitride flakes: A theoretical analysis of excited states	Molecular Physics	2017
977	Statistics	Mritunjay Pal Singh., Abhishek Bharti., Niraj Kumar Singh and Singh R. D	District Based Clustered Study for Child Mortality in EAG States and Assam	International Journal of Current Advanced Research	2017
978	Statistics	Niraj Kr Singh, Ajay Singh	KAP of Self-Medication among Rural Residents of Western Uttar Pradesh	Demography India	2017
979	Statistics	B. B. Khare and Utkarsh	Two General Classes of Chain Type Estimators for Product of Two Population Means Using Two Auxiliary Characters in the Presence of Non-response	International Journal of Statistics & Economics	2017
980	Chemistry	Panda B.	A survey on the present status of sustainable technologies for water pollutant abatement	Desalination and Water TreatmentVolume 57, Issue 59, 19 December 2016	2016
981	Chemistry	Mittal T., Tiwari S., Mehta A., Sharma S.N.	An insight into the mechanism of charge transfer properties of hybrid organic (MEH-PPV): Inorganic (TiO2) nanocomposites	AIP Conference Proceedings	2016
982	Chemistry	Maan A., Singh A.K., Mehra D.S., Rattan S.	Development and characterization of fly ash/crumb rubber reinforced natural rubber composite	Asian Journal of Chemistry	2016
983	Chemistry	Shaw R., Tiwari S.	Fly ash based zeolitic pigments for application in anticorrosive paints	AIP Conference Proceedings	2016
984	Chemistry	Jeyaseelan, C., Gupta, A.	Green tea leaves as a natural adsorbent for the removal of Cr(VI) from aqueous solutions	Air, Soil and Water Research 9	2016
985	Chemistry	Aniyery, R.B., Sharma, A., Gupta, A.	Molecular docking studies and in silico pharmacokinetic property study of synthesized organotin complex of (1r, 2s, 5r)-2-isopropyl-5- methylcyclohexanol	Journal of Chemical and Pharmaceutical Sciences	2016
986	Chemistry	Singh D., Devi N., Kumar V., Malakar C.C., Mehra S., Rattan S., Rawal R.K., Singh V.	Natural product inspired design and synthesis of Î²-carboline and Î³- lactone based molecular hybrids	Organic and Biomolecular Chemistry	2016
987	Chemistry	Gupta, D., Kaur, P.	Physiochemical evaluation and in vitro antioxidant activity of few wonder seeds	International Journal of Pharmacy and Pharmaceutical Sciences, 8 (7),	2016

988	Chemistry	Payal Mazumdar, Prachi Singhal, R. K Diwan, Sunita Rattan	Poly(4-vinylpyridine) / Nanographite Nanocomposites as Organic Vapor Sensors	AIP Conf. Proc	2016
989	Chemistry	Mazumdar P., Singhal P., Diwan R.K., Rattan S.	Poly(4-vinylpyridine)/Nanographite nanocomposites as organic vapor sensors	AIP Conference Proceedings	2016
990	Chemistry	Dr. Sonal Chauhan-3	Radioprotective potential of Lagenaria siceraria extract against radiation induced gastrointestinal injury	Applied Physiology, Nutrition and Metabolism.	2016
991	Chemistry	Mazumdar P., Chockalingam S., Rattan S.	Strategy to synthesise nano- engineered polymer nanocomposite with a mechanically strong interface: A highly flexible ammonia gas sensor	RSC Advances	2016
992	Chemistry	Shaw, R., Sharma, R., Tiwari, S., Tiwari, S.K	Surface Engineered Zeolite: An Active Interface for Rapid Adsorption and Degradation of Toxic Contaminants in Water	2016) ACS Applied Materials and Interfaces, 8 (19)	2016
993	Chemistry	Singhal P., Rattan S.	Swift Heavy Ion Irradiation as a Tool for Homogeneous Dispersion of Nanographite Platelets within the Polymer Matrices: Toward Tailoring the Properties of PEDOT:PSS/Nanographite Nanocomposites	Journal of Physical Chemistry B	2016
994	Chemistry	Sharma R., Tiwari S.	Synthesis of fly ash based core-shell composites for use as functional pigment in paints	AIP Conference Proceedings	2016
995	Mathematics	Kuldeep chaudhary, Gupta S., Gupta M., and Sethi P.K	A study on the profitability analysis of power grid corporation of India Ltd	Proceedings of IEOM, Kuala Lumpur, 8-10 March 2016	2016
996	Mathematics	Dongmin Shin, Rekha Guchhait, Biswajit Sarkar* and Mandeep Mittal	Controllable lead time, service level constraint, and transportation discounts in a continuous review inventory model	RAIRO - Operations Research	2016
997	Mathematics	Aditi Khanna, Mandeep Mittal, Prena Gautam and C K Jaggi	Credit financing for deteriorating imperfect quality items with allowable shortages	Decision Science Letters	2016
998	Mathematics	Neha Bhardwaj and Naokant Deo	Direct and Inverse Theorems for Beta Durrmeyer Operators	Korean Journal of Mathematics	2016
999	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Nidhi Purohit	Dynamics of SIRS Model with single time Delay	Industrial Mathematics and Complex System, Springer	2016
1000	Mathematics	Dr. H. D. Arora	Generalized entropy for intuitionistic fuzzy sets	Malays J Math Sci	2016

1001	Mathematics	Vijay Kumar, K Pal	Intuitionistic trapezoidal fuzzy prioritized weighted average operators: an algorithm for the suitable treatment for lung cancer	Journal of Applied Probability and Statistics	2016
1002	Mathematics	Mandeep Mittal*, Sarla Pareek and Juhi Singh	Modified Replenishment Policy for Multi- Item Inventory of Imperfect Quality Items using ABC Classification and Cross Selling Effect	International Journal of Data Science	2016
1003	Mathematics	E.Mittal,R.M.Pandey,S .Joshi	On Extension of Mittag Leffler Function	An International Journal of Application and Applied Mathematics(AAM)	2016
1004	Mathematics	Dr. H. D. Arora	On some generalised information measure of fuzzy directed divergence and decision making	International Journal of Computing Science and Mathematics	2016
1005	Mathematics	Abhishek Singh	On the Exchange Property for the Mehler-Fock Transform	Modern Mathematical Methods and High Performance computing in Science and Technology Korean Journal of Mathematics	2016
1006	Mathematics	Mandeep Mittal*, Sarla Pareek, Reshu Agarwal	Ordering Policy Using Temporal Association Rule Mining	International Journal of Data Science	2016
1007	Mathematics	Shweta Upadhyaya	Performance prediction of a discrete time batch arrival retrial queue with Bernoulli feedback	International Journal of Mathematics in Operational Research	2016
1008	Mathematics	Shweta Upadhyaya	Performance prediction of a discrete- time batch arrival retrial queue with Bernoulli feedback	Applied Mathematics and Computation (Elsevier)	2016
1009	Mathematics	Neha Bhardwaj and Naokant Deo	Quantitative Estimates for Generalized Two Dimensional Baskakov Operators	Korean Journal of Mathematics	2016
1010	Mathematics	Shweta Upadhyay	Queueing Systems with vacation: An Overview	AIP Conference Proc	2016
1011	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Role of delay and screening in controlling AIDS	Proceeding of IEOM 2016	2016
1012	Mathematics	Sumit Kaur Bhatia, Sudipa Chauhan and Parul Maheshwari	SIRS Model With Double Time Delay	Indian Journal of Industrial and Applied Mathematics	2016
1013	Mathematics	E.Mittal,S.Joshi,R.M.P andey	Some Fractional Integral Inequality involving Appell Hypergeometeric Function	Journal of Science and Arts	2016

1014	Mathematics	Aparna Chaturvedi, Prakriti Rai	Some Properties of Extended Hypergeometric Function and its Applications	Ganit Sandesh	2016
1015	Mathematics	PK Kapur, V Kumar, AK Shrivastava	Strategic Price, Warranty and Profit Maximization Model of a Software Product Using Dynamic Optimization	International Journal of Reliability, Quality and Safety Engineering	2016
1016	Mathematics	Neha Choudhary, Prakriti Rai	Study of certain mock theta functions and some partial order relations	Journal of Ramanujan Society of Mathematics and Mathematical Sciences	2016
1017	Mathematics	Vijay Kumar, R Sahni, AK Shrivastava	Two-dimensional multi-release software modelling with testing effort, time and two types of imperfect debugging	International Journal of Reliability and Safety	2016
1018	Mathematics	V Kumar, P Mathur, R Sahni, M Anand	Two-dimensional multi-release software reliability modeling for fault detection and fault correction processes	International Journal of Reliability, Quality and Safety Engineering	2016
1019	Mathematics	Shweta Upadhyaya	Working vacation policy for a discrete- time GeoX/Geo/1 retrial queue	International Journal of Science and Research	2016
1020	Physics	Sanjay Sahare, Ravi Kant Choubey, Gurunath Jadhav, Tejashree M. Bhave, Samrat Mukherjee and Sunil Kumar	"A Comparative Investigation of Optical and Structural Properties of Cu-Doped CdO-Derived Nanostructures"	Journal of Superconductivity & Novel Magnetism	2016
1021	Physics	Rohini Kitture, Dnyandeo Pawar, Ch.N. Rao, Ravi Kant Choubey and S. N. Kale	"Nanocomposite modified optical fiber: A room temperature, selective H2S gas sensor: Studies using ZnO-PMMA"	Journal of Alloys and Compounds	2016
1022	Physics	Jayant Teotia, Sarvendra Kumar, Surbhi, Rajesh Kumar, M. K. Yadav	"Ultraviolet absorption spectra, solvent effect and Non-linear Optical properties of 2-amino-4, 6-dimethylpyridine by hartee-fock and density functional theory'	"Asian Journal Of Chemistry".	2016
1023	Physics	Rajeev Kumar, Sanjeev K Srivastava and Sanjay Srivastava	A comparative study of transmission mode tunability in linearly graded and without graded defect photonic crystal structure	Journal of Nano engineering and Nano manufacturing,	2016
1024	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Analysis of reflectance properties in 1D photonic crystal containing metamaterial and high temperature superconductor.	Journal of Superconductivity and Novel Magnetism	2016
1025	Physics	Pandey R.S., Kaur R.	Analytical study of whistler mode waves in presence of parallel DC electric field for relativistic plasma in the magnetosphere of Uranus	Advances in Space Research	2016

1026	Physics	Deepak Tripathi, Yachna Tyagi and Ashok Kumar	Bernstein wave aided laser third harmonic generation in a plasmas	Physics of Plasmas	2016
1027	Physics	u c srivastava	Dynamical Study of Debye temperature and Combined density of states of (TiO2)	International Journal of Modern Physics B	2016
1028	Physics	Ravi Kant Choubey, Dipti Desai, S. N. Kale and Sunil Kumar	Effect of annealing treatment and deposition temperature on CdS thin films for CIGS solar cells applications.	Journal of Materials Science: Materials in Electronics 27, 7890, (2016).	2016
1029	Physics	U. B. Singh, M. B. Pandey, R. Dhar, Rohit Verma & S. Kumar	Effect of dispersion of CdSe quantum dots on phase transition, electrical and electro-optical properties of 4PP4OB	Liquid Crystals	2016
1030	Physics	Aakash, Ravi Kant Choubey, Dipankar Das and Samrat Mukherjee	Effect of doping of manganese ions on the structural and magnetic properties of nickel ferrite"	Journal of Alloys and Compounds 668, 33 (2016).	2016
1031	Physics	Sanjeev K Srivastava	Electrically controlled reflection band and tunable defect modes in one- dimensional Photonic Crystal by using potassium titanyl phosphate (KTP) crystal	Journal of nanoelectronics and optoelectronics,	2016
1032	Physics	S Chopra	Electronic properties and optical absorption of graphene-polyvinylidene fluoride nanocomposites: A theoretical study	Materials Chemistry and Physics	2016
1033	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Enhancement of Electrical Conductivity, Director Relaxation Frequency and Slope of Electro- optical Characteristics in the Composites of Single Walled Carbon Nanotubes and a Strongly Polar Nematic Liquid Crystal	Liquid Crystals	2016
1034	Physics	Rohit Verma, R. Dabrowski, M. Zurowska and Ravindra Dhar	Enhancement of the properties and mesophases stability after the electron beam irradiation on a racemic antiferroelectric liquid crystalline mixture	Liquid Crystals	2016
1035	Physics	Robin George, Nupur Bahadur, Nahar Singh, Rajni Singh, Abhishek Verma, A.K. Shukla	Environmentally Benign TiO2 Nanomaterials for Removal of Heavy Metal Ions with Interfering Ions Present in Tap Water	Materials Today: Proceedings	2016

1036	Physics	M.S. Inpasalini, Ravi Kant Choubey and Samrat Mukherjee	Evidence of Bound Magnetic Polaron- Mediated Weak Ferromagnetism in co- doped SnO2 Nanocrystals: Microstructural, Optical, Hyperfine, and Magnetic Investigations.	Journal of Electronic Materials	2016
1037	Physics	S. Chopra	Excited state analysis of absorption process in metal decorated Graphene nanoribbons	RSC Advances	2016
1038	Physics	P. Kharb, D. V. Lal, V. Singh, J. Bagchi, C. H. Ishwara Chandra, A. Hota, C. Konar, Y. Wadadekar, P. Shastri, M. Das, K. Baliyan, B. B. Nath & M. Pandey- Pommier	From Nearby Low Luminosity AGN to High Redshift Radio Galaxies: Science Interests with Square Kilometre Array	Journal of Astrophysics and Astronomy	2016
1039	Physics	Pandey R.S., Rajbir Kaur, Vineeta Kumari and K.M. Singh	Generation of Whistler Mode Waves by Injection of Cold Electron Beam for Loss- Cone Distribution with AC Electric Field in Magneto-plasma	International Journal of Advanced Research	2016
1040	Physics	S Chopra	Graphyne and graphdiyne: theoretical insight into ground and excited state properties	RSC Advances	2016
1041	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Investigation of reflectance properties in 1D ternary annular photonic crystal containing semiconductor and high-tc superconductor	Journal of superconductivity and novel magnetism	2016
1042	Physics	Dnyandeo Pawar, Ch. N. Rao, Ravi Kant Choubey and S. N. Kale.	Mach-Zehnder interferometric photonic crystal fiber for low acoustic frequency detections	Applied Physics Letters 108, 041912 (2016).	2016
1043	Physics	U.C.Srivastava,M.P Srivastava & S.Gaurav	Phonon Study of Zirconium Oxide (ZrO2) By Using [VTBFS] Model	International Journal of Current Research	2016
1044	Physics	Lalita Chauhan, A. K. Shukla and K. Sreenivas	Properties of NiFe2O4 ceramics from powders obtained by auto- combustion synthesis with different fuels	Ceramic International	2016
1045	Physics	Dr G N Pandey-1	Reflectance Properties of One- Dimensional Metal-Dielectric Ternary Photonic Crystal	AIP Conference Proceedings	2016
1046	Physics	Rohit Verma, Mukesh Mishra, R. Dhar, R. Dabrowski	Single Walled Carbon Nanotubes Persuaded Optimization of the Display Parameters of a Room Temperature Liquid Crystal 4-pentyl- 4'cyanobiphenyl	Journal of Molecular Liquids	2016

1047	Physics	Adarsh kumar	Spatio-temporal synoptic variability of aerosol optical depth and cloud properties over the Central North region of India through MODIS collection V satellite sensors	Indian Journal of Physics	2016
1048	Physics	S Chopra	Study of electronic and optical properties of pure and metal decorated boron nitride nanoribbons (B15N14H14-X): first principle calculations	Molecular Physics	2016
1049	Physics	Sanjeev K Srivastava and Alireza Aghajamali	Study of optical reflectance properties in 1D annular photonic crystal containing double negative (DNG) metamaterials	Physica B	2016
1050	Physics	R.S. Pandey, Rajbir Kaur, Shikha Bhadoria and B.S. Tomar	Study of whistler mode waves for loss cone distribution function with perpendicular ac electric field in magnetosphere	Astronomy and Space Science	2016
1051	Physics	Dr G N Pandey-1	Three Dimensional Reflectance Properties of Plasma Dielectric Photonic Crystal	AIP Conference Proceedings	2016
1052	Physics	Dr G N Pandey-1	Three Dimensional Reflectance Properties of Superconductor- Dielectric Photonic Crystal	AIP Conference Proceedings	2016
1053	Physics	Ananda Hota, C. Konar, C. S. Stalin, Sravani Vaddi, Pradeepta K. Mohanty, Pratik Dabhade, Sai Arun Dharmik Bhoga, Megha Rajoria & Sagar Sethi	Tracking Galaxy Evolution Through Low- Frequency Radio Continuum Observations using SKA and Citizen-Science Research using Multi- Wavelength Data	Journal of Astrophysics and Astronomy	2016
1054	Physics	Mohit K. Sharma, Monika Sharma & Suresh Chandra	Very low probability of detection of TiH2 molecule in a cosmic object	New Astronomy	2016
1055	Physics	G. Singh, J. Fu, D. M. Agra-Kooijman, J. -K. Song, M. R. Vengatesan, M. Srinivasarao, Michael R. Fisch, and S. Kumar	X-ray and Raman scattering study of orientational order in nematic and heliconical nematic liquid crystals	Phys. Rev. E (Rapid Communication)	2016
1056	Statistics	B. B. Khare and Utkarsh,	Improved Class of Chain Type Estimators For Ratio of Two Population Means Using Two Auxiliary Characters In The Presence of Non-response	Journal of Applied Mathematics and Statistics	2016

1057	Chemistry	Deepshikha Gupta, Prabhkeen Kaur, Debrati Paul	Analysis of Fixed oils of few wonder seeds	Journal of Agroecology and Natural Resource Management	2015
1058	Chemistry	Sharma R., Singh N., Tiwari S., Tiwari S.K., Dhakate S.R.	Cerium functionalized PVA-chitosan composite nanofibers for effective remediation of ultra-low concentrations of Hg(ii) in water	RSC Advances	2015
1059	Chemistry	Chandra, A., Garg, S.	Effect of varying concentration of herbal extract of nyctanthes arbor- tristis leaf on synthesis of silver nanoparticles and its evaluation	2015) International Journal of Pharmacy and Pharmaceutical Sciences, 7 (7), art. no. A27, pp. .	2015
1060	Chemistry	Jain S., Bansiwal A., Biniwale R.B., Milmille S., Das S., Tiwari S., Siluvai Antony P.	Enhancing adsorption of nitrate using metal impregnated alumina	Journal of Environmental Chemical Engineering	2015
1061	Chemistry	Gupta, D., Girija	Evaluation of in vitro antioxidant and antimicrobial activities of various spices of Indian origin	International Journal of Pharmacy and Pharmaceutical Sciences, 7 (8), pp. 137-141.	2015
1062	Chemistry	Mukherjee, M.D., Dhand, C., Dwivedi, N., (...), Tawale, J.S., Malhotra, B.D.	Facile synthesis of 2-dimensional transparent graphene flakes for nucleic acid detection	Sensors and Actuators, B: Chemical	2015
1063	Chemistry	Deepshikha Gupta	Methods for Determination of Antioxidant Capacity: A Review	International Journal of Pharmaceutical Sciences and Research	2015
1064	Chemistry	Sharma R., Shaw R., Tiwari S., Tiwari S.	Nano-Titania Decorated Fly Ash as Self- Cleaning Antibacterial Cool Pigment	ACS Sustainable Chemistry and Engineering	2015
1065	Chemistry	Mazumdar P., Rattan S., Mukherjee M.	Polymer nanocomposites using click chemistry: Novel materials for hydrogen peroxide vapor sensors	RSC Advances	2015
1066	Chemistry	Deepshikha Gupta, Prabhkeen Kaur	Study of Essential oil of few species with high antioxidant potential	Indo Global Journal of Pharmaceutical Sciences	2015
1067	Chemistry	Puri P., Mehta R., Rattan S.	Synergistic effects of clay and GNPs on electrical and mechanical properties of PU/GNP/OMMT ternary composite	Journal of Optoelectronics and Advanced Materials	2015

1068	Chemistry	Panda B, Bansal P	Synthesis and Characterization of Low- Cost Electroactive Hybrid Composites Derived from Polyaniline and NiS	International Journal of Polymeric Materials and Polymeric BiomaterialsVolume 64, Issue 7, 2 September 2015, Pages 378-384	2015
1069	Chemistry	Puri P., Mehta R., Rattan S.	Synthesis of Conductive Polyurethane/Graphite Composites for Electromagnetic Interference Shielding	Journal of Electronic Materials	2015
1070	Chemistry	Gupta, A., Aniyery, R.B., Gupta, S.	Synthesis, characteristic spectral studies and anti-bacterial activity of a novel stannane	Journal of Chemical and Pharmaceutical SciencesOpen AccessVolume 8, Issue 3, 1 July 2015,	2015
1071	Chemistry	Aniyery, R.B., Gupta, A., Singh, P., Khatri, C., Pathak, A.	Synthesis, characterization, biological activities and computational anticancer study of Dibutylbis [(2-isopropyl-5- ethylcyclohexyl) oxy] stannane	Journal of Chemical and Pharmaceutical Sciences 8 (4),	2015
1072	Chemistry	Padhy R.R., Shaw R., Tiwari S., Tiwari S.K.	Ultrafine nanocrystalline mesoporous NaY zeolites from fly ash and their suitability for eco-friendly corrosion protection	Journal of Porous Materials	2015
1073	Mathematics	Shweta Upadhyaya	Admission Control of Bulk Retrial Feedback Queue with K-Optional Vacations	International Journal of Mathematics in Operational Research (Inderscience)	2015
1074	Mathematics	Vijay Kumar,Ramita Sahni	An effort allocation model considering different budgetary constraint on fault detection process and fault correction process	Decision Science Letters	2015
1075	Mathematics	Anjali Dhiman	Application Of Decision Making Using Generalized Measure Of Fuzzy Directed Divergence	Applied Mathematical Sciences	2015
1076	Mathematics	Renu Chugh, S.K. Sharma and Shashank Goel	Block Sequences and g-Frames	International Journal of Wavelets, Multiresolution and Information Processing	2015
1077	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Certain Multiple Series Identities	International Journal of Advanced Studies in Computer Science and Engineering	2015

1078	Mathematics	Anjali Dhiman	Comparative study of generalized quantitative-qualitative inaccuracy fuzzy measures for noiseless coding theorem and 1: 1 codes	International Journal of Mathematics and Mathematical Sciences	2015
1079	Mathematics	Sudipa Chauhan, Sumit Kaur Bhatia, Surbhi Gupta	Effect of Pollution on Dynamics of SIR Model with Treatment	International Journal of Biomathematics	2015
1080	Mathematics	Mandeep Mittal*, Sarla Pareek and Reshu Agarwal	EOQ Estimation for Imperfect quality items using Association rule mining with Clustering	Decision Science Letter	2015
1081	Mathematics	Devendra Kumar	Exact moments of generalized order statistics from type II exponentiated log-logistic distribution	Hacettepe Journal of Mathematics and Statistics	2015
1082	Mathematics	Devendra Kumar	Explicit expressions and statistical inference of generalized rayleigh distribution based on lower record values	Mathematical Methods of Statistics	2015
1083	Mathematics	Mandeep Mittal*, Sarla Pareek and Reshu Agarwal	Loss Profit Estimation Using Association Rule Mining with Clustering	Management Science Letters	2015
1084	Mathematics	Mandeep Mittal*, Sarla Pareek and Reshu Agarwal	Loss Profit Estimation Using Temporal Association Rule Mining	International Journal of Business Analytics	2015
1085	Mathematics	Darbari, J.D., Agarwal, V., Chaudhary, K., Jha, P.C.	Multi-criteria decision approach for a sustainable reverse logistics network under fuzzy environment	IEOM 2015 - 5th International Conference on Industrial Engineering and Operations Management, Proceeding	2015
1086	Mathematics	Anupam Singh	On Algebraic Study of Type-2 Fuzzy Finite State Automata	International Journal of Machine Learning and Cybernetics	2015
1087	Mathematics	Kuldeep Chaudhary ,SugandhaAggarwal, A. Kaul and P.C.Jha	Optimal Control Promotional Policy for Consumer Durable Product in a Segmented Market incorporating Goodwill	IEOM 2015 - 5th International Conference on Industrial Engineering and Operations Management, Proceeding	2015
1088	Mathematics	P.C.Jha, PrernaManik, KuldeepChaudhary, Riccardo CAMBINI	Optimal Pricing And Promotional Effort Control Policies for A New Product Growth in Segmented Market	Yugoslav Journal of Operations Research	2015

1089	Mathematics	Shweta Upadhyay	Performance Analysis of a Batch Arrival Retrial Queue with Bernoulli Feedback	Microfluidics and Nanofluidics	2015
1090	Mathematics	O Singh, PK Kapur, AK Shrivastava, V Kumar	Release time problem with multiple constraints	International Journal of System Assurance Engineering and Management	2015
1091	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Some extensions of Multiple Gaussian Hypergeometric Series	South East Asian Journal of Mathematics and Mathematical Science	2015
1092	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Some Relations of Eight Order Mock Theta Functions	International Journal of Mathematical Sciences	2015
1093	Mathematics	Shilpi Agarwal	Thermal instability of a nanofluid layer under local thermal non-equilibrium	OPSEARCH	2015
1094	Mathematics	Shilpi Agarwal	Thermal stability analysis of rotating porous layer with thermal non equilibrium approach utilizing Al2O3-EG Oldroyd-B nanofluid	Nanoconvergence, Springer	2015
1095	Physics	Ch. N. Rao, S. B. Sagar, N. G. Harshita, Radha Manohar Aepuru, S. Premkumar, H. S. Panda, Ravi Kant Choubey, Premkumar, S. N. Kale	" Lithium niobate nanoparticle- coated Y- coupler optical fiber for enhanced electro-optic sensitivity"	Optics Letters	2015
1096	Physics	Sunil Kumar, H.C. Jeon, T.W. Kang, Rajan Singh, J. K. Sharma and Ravi Kant Choubey	"Structural and Optical properties of Silica capped ZnS:Mn quantum dots"	Journal of Materials Science: Materials in Electronics	2015
1097	Physics	Adarsh kumar	Aerosols-Cloud Properties in Dynamic Atmosphere over Kedarnath Sub-Himalayan Region of India: A Long Term Study from MODIS Satellite	Nature, Environment & Pollution Technology	2015
1098	Physics	Deepak Singh/Homdutt Sharma	Ambient Noise Levels after CNG Implementation in Transport Sector in Delhi.	-	2015
1099	Physics	Pandey R.S., Rajbir Kaur, K.M. Singh, B.N. Singh and Vijay Prasad	Cold Beam Injection in Relativistic EMEC wave for Kappa Distribution Function with AC Field for Magneto-Plasma	Journal of Advances in Physics	2015

1100	Physics	Lalita Chauhan, A. K. Shukla and K. Sreenivas	Dielectric and magnetic properties of Nickel ferrite ceramics using crystalline powders derived from DL alanine fuel in solâ€“gel auto-combustionâ€•,	Ceramic International	2015
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1102	Physics	Sunil Kumar, H.C. Jeon, T.W. Kang, Devraj, Jaskanwal Sekhon, N.K. Verma, H.S. Bhatti and Ravi Kant Choubey	Effect of ferromagnetic dopants on laser induced optical parameters of Bismuth doped CaS phosphors.	Russian Journal of Physical Chemistry A 89, 2482 (2015).	2015
1103	Physics	Jyoti Katyal, R.K. Soni	Field enhancement around Al nanostructures in UV-NIR region	Plasmonic	2015
1104	Physics	Anita Khokhar, Praveen K Goyal, O P Thakur, A K Shukla, K Sreenivas	Influence of lanthanum distribution on dielectric and ferroelectric properties of BaBi4-xLaxTi4O15 ceramics	Materials Chemistry and Physics	2015
1105	Physics	D. Dahiya, A. Kumar and V. K. Tripathi	Influence of target curvature on ion acceleration in radiation pressure acceleration regime	Laser and Particle Beams	2015
1106	Physics	U. C. Srivastava & K. S. Upadhyaya	Lattice Dynamical Investigation of Different Parameters of RbBr	Archives of Applied Science Research	2015
1107	Physics	Pawan Kumar, V. K. Tripathi, Ashok Kumar, and X. Shao	Launching focused surface plasmon in circular metallic grating	Journal of Applied Physics	2015
1108	Physics	A. Panwar, C. M. Ryu, and A. Kumar	Modulational instability of a laser pulse in a non-uniform plasma channel	Laser and Particle Beams	2015
1109	Physics	Pandey R.S., Kaur R.	Oblique electromagnetic electron cyclotron waves for Kappa distribution with AC field in planetary magnetospheres	Advances in Space Research	2015
1110	Physics	Dr Adarsh Kumar	Optical particle sensor based measurement and analysis of atmospheric aerosol number concentration of various sizes over a tropical region of Northern India	Sri Lankan Journal of Physics	2015

1111	Physics	Girijesh Pandey	Panoscopically optimized thermoelectric performance of a half-Heusler / full- Heusler based in situ bulk composite Zr0.7Hf0.3Ni1+xSn: an energy and time efficient way.	Physical Chemistry Chemical Physics	2015
1112	Physics	Girijesh Pande	Probing on green long persistent Eu2+/Dy3+ doped Sr3SiAl4O11 emerging phosphor for security applications	Journal of Applied Physics	2015
1113	Physics	Pramila Shukla and Ranjana	Radiation Squeezing for M Two- Level Atoms Interacting with a Single Mode Coherent Radiation	CHINESE JOURNAL OF PHYSICS	2015
1114	Physics	S. Chopra	Study of electronic, optical absorption and emission in pure and metal decorated Graphene nanoribbons (C29H14-X): First principles calculations	ChemPhysChem	2015
1115	Physics	M Upadhyay, S K Awasthi, L Shiveshwari, S N Shukla, and S P Ojha	Temperature dependent tuning of photon band gaps for wavelength selective switching applications	Indian Journal of Physics	2015
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1117	Physics	4. Surbhi, D.P. Singh, Sarvindra Kumar,	Thermodynamic functions molecular polarizability of 2,6 dichlolo-4- fluoro phenol	Journal of advances in physics	2015
1118	Physics	Rohit Verma, R. Dabrowski and R. Dhar	Thermodynamic, electrical and electrooptical features of the racemic mixture of an antiferroelectric liquid crystal suitable for displays	Liquid Crystals	2015
1119	Physics	Anandi Verma	TPP functionalized carbon nanotube composites for detection of nitrobenzene and chlorobenzene vapours	Source of the DocumentBulletin of Materials Science	2015
1120	Physics	M Upadhyay,S K Awasthi,L Shiveshwari, S N Shukla and S P Ojha.	Two Channel Thermally tunable Band Stop filterfor wavelength selective switching applications by using ID ternary superconductor Photonic Crystal.	Journal of Superconductivity and Novel Magnetism.	2015

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1122	Chemistry	Seema Garg, Amrish Chandra, Avijit Mazumder and Rupa Mazumder	Analgesic potential of hydrogels of silver nanoparticles using aqueous extract of Saraca indica bark	International Journal of Pharmaceutical Sciences and Research	2014
1123	Chemistry	Sharma R., Singh N., Gupta A., Tiwari S., Tiwari S.K., Dhakate S.R.	Electrospun chitosan-polyvinyl alcohol composite nanofibers loaded with cerium for efficient removal of arsenic from contaminated water	Journal of Materials Chemistry A	2014
1124	Chemistry	Seema Garg, Amrish Chandra1, Avijit Mazumder2, Rupa Mazumder2	Green synthesis of silver nanoparticles using Arnebia nobilis root extract and wound healing potential of its hydrogel	Asian journal of Pharmaceutics	2014
1125	Chemistry	Rattan S., Singhal P., Avasthi D.K., Tripathi A.	Mdification of poly(3,4- ethylenedioxy thiophene)/poly(4-styrene sulphonate) (PEDOT: PSS)/nanographite nanocomposite through ion beam technique	Advanced Materials Letters	2014
1126	Chemistry	Puri P., Mehta R., Rattan S.	Synthesis and mechanical properties of polyurethane/clay nanocomposites	Journal of Optoelectronics and Advanced Materials	2014
1127	Mathematics	Surbhi Gupta	A case study of effieciency analysis on Power Grid Corporation of India Ltd	International Journal of Science and Research (IJSR)	2014
1128	Mathematics	Priti Gupta, H D Arora, P Tiwari	A Measure of Divergence between Fuzzy Sets with Advancements in Information Theory	International Journal of Computer Applications	2014
1129	Mathematics	VIJAY KUMAR, SUNIL KUMAR KHATRI, HITESH DUA, MANISHA SHARMA, PARIDHI MATHUR	An assessment of testing cost with effort-dependent fdp and fcp under learning effect: a genetic algorithm approach	International Journal of Reliability, Quality and Safety Engineering	2014
1130	Mathematics	Anjali Dhiman	Application of Fuzzy Information measure to Coding Theory	International Journal of Advanced technology in Engineering and Science	2014

1131	Mathematics	Prakriti Rai	Basic Analogues of Certain Multiple Series of Transformations-II	Journal of Ramanujan Society of Mathematics and Mathematical Sciences	2014
1132	Mathematics	VB Singh, KK Chaturvedi, Sunil Kumar Khatri, Vijay Kumar	Bug prediction modeling using complexity of code changes	International Journal of System Assurance Engineering and Management	2014
1133	Mathematics	C.K. Jaggi, Mandeep Mittal*, Jyoti Gulia, Pankaj Singh and Ruchi Sharma	Credit financing in economic ordering policies for defective items with order overlapping	International Journal of Modeling and Optimization	2014
1134	Mathematics	Surbhi Gupta, Neelam Sharma	Evaluation of Some Reliability Parameters for Solar Panel By Boolean algebra Technique	International Journal of Education and Science Research Review	2014
1135	Mathematics	Renu Chugh and Shashank Goel	ON FINITE SUM OF G-FRAMES AND NEAR EXACT G-FRAMES	Electronic Journal of Mathematical Analysis and Applications	2014
1136	Mathematics	Mandeep Mittal*, Juhi Singh, Amit Aggarwal, Khushboo Kumari and Manan Yadav	Ordering Policy for Imperfect Quality Item sets using Cross selling effects	International Journal of Modeling and Optimization	2014
1137	Mathematics	Shweta Upadhyaya	Performance Analysis of a Batch Arrival Retrial Queue with Bernoulli Feedback	International Journal of Mathematics in Operational Research (Inderscience)	2014
1138	Mathematics	Anjali Naithani , Roosel Jain	PROBABILISTIC ANALYSIS OF 3-UNIT BIOMETRIC SYSTEM	AMO – Advanced Modeling and Optimization	2014
1139	Mathematics	Anjali Dhiman	Weighted Performance function for (r,s) entropy of Discrete Memoryless Communication Channel under Single constraint	International Journal of Modeling and Optimization	2014
1140	Physics	Jyoti Katyal	, Localized surface plasmon resonances and refractive index sensitivity of metal-dielectric-metal multilayered nanostructures,	Plasmonic	2014
1141	Physics	Anita Jain, Sanjay Panwar, T.W. Kang, H.C. Jeon, Sunil Kumar and R. K. Choubey	“Effect of Zinc Oxide concentration in fluorescent ZnS:Mn/ZnO coreshell nanostructures	Journal of Materials Science: Materials in Electronics	2014
1142	Physics	H. S. Bhatti, Sunil Kumar, Karamjit Singh, Kavita and R. K. Choubey	“Photo-Physical Studies of Pyridine Capped ZnO Nanostructures”	Russian Journal of Physical Chemistry A	2014

1143	Physics	R. K. Choubey, Sunil Kumar and C. W. Lan	"Shallow chemical bath deposition of ZnS buffer layer for environmentally benign solar cell devices"	Advances in Natural Sciences: Nanoscience and Nanotechnology	2014
1144	Physics	R. K. Choubey, S. Medhekar, R. Kumar, S. Mukherjee and Sunil Kumar	"Study of nonlinear optical properties of organic dye by Z-scan technique using He–Ne laser"	Journal of Materials Science: Materials in Electronics	2014
1145	Physics	Dr Adarsh Kumar	A comparative study on orographic and latitudinal features of global atmospheric electrical parameters over different places at three Asian countries	Indian Journal of Physics	2014
1146	Physics	M Upadhyay, A Mehta, S K Awasthi, S K Srivastava, S N Shukla and S P Ojha	A Multichannel omnidirectional tunable filter in one dimensional tilted ternary plasma photonic crystal	Journal of intense pulsed lasers and applications in advanced Physics	2014
1147	Physics	M. Upadhyay, S K Awasthi, S K Mehta Sanjeev K Srivastava, S N Shukla and S P Ojha	A multi-channel omnidirectional tunable filter in one dimensional tilted ternary plasma photonic crystal.	Journal of Intense Pulsed Lasers & Application in Advanced Physics,	2014
1148	Physics	Radheshyam Rai, M. A. Valente, Anoop Kumar Shukla, Seema Sharma and Andrei L. Kholkin	Dielectric and magnetic properties of Ba-, La- and Pb-doped Bi0:8Gd0:1M0:1Fe0:9Ti0:1O3 perovskite ceramics	JOURNAL OF ADVANCED DIELECTRICS	2014
1149	Physics	Shivani A Kumar	Improving the Teleportation of Superposition of Entangled Coherent States	Physical Science International Journal, Vol 4, Issue 3, 339	2014
1150	Physics	M. Sahni, N. Kumar, S.Singh, A. Jha, S. Chaubey, M. Kumar, M.K. Sharma	Influence of Mn doping on structural, electrical and magnetic properties of (0.90)BiFeO3-(0.10)BaTiO3 composite	J. Mater. Sci.: Mater Electron	2014
1151	Physics	Sanjeev K Srivastava	Investigation of ultra-wide reflection bands in UV region by using one- dimensional multi quantum well photonic crystal structure.	Progress in Electromagnetic Research	2014
1152	Physics	A. Kumar, D. Dahiya, and V. K. Tripathi	Laser driven electron acceleration in a CNT embedded gas jet target	Laser and Particle Beams	2014
1153	Physics	U.C.Srivastava,M.P Srivastava & K.S.Upadhyaya	Lattice dynamical investigation of RBI	Archives of Physics Research	2014

1154	Physics	Dr Adarsh Kumar	Long term (2003-2012) spatio- temporal MODIS (Terra/Aqua level 3) derived climatic variations of aerosol optical depth and cloud properties over a semi arid urban tropical region of Northern India	Atmospheric Environment	2014
1155	Physics	S.K. Parida, V.R.R. Medicherla, D.K. Mishra, V. Solanki, S. Varma, M.K. Sharma, Ratnamala Chatterjee	Magnetic Properties of Cu/Ni Bilayer on Si (100) Surface	Materials Focus	2014
1156	Physics	Dr G N Pandey-1	Ominidirectional Reflection properties in One Dimensional Superconductor- Dielectric Photonic Crystal	Optik - International Journal for Light and Electron Optics,	2014
1157	Physics	Dr G N Pandey-2	Omnidirectional Reflection Band Gap in Single Composite Layer of Negative Index Material	Advances in Physical Science Research	2014
1158	Physics	S. Chopra and L. Maidich	Optical properties of pure graphene in various forms: A time dependent density functional theory study	RSC Advances	2014
1159	Physics	Pandey R.S., Kaur R.	Study of whistler mode wave by injection of relativistic hot electrons beam in the magnetosphere of Uranus	Progress In Electromagnetics Research M	2014
1160	Physics	Adarsh Kumar	Variations in atmospheric aerosol concentration of various sizes during the total solar eclipse of 22 July 2009 over a semi urban tropical site of Northern India	Indian Journal of Physics	2014
1161	Statistics	B. B. Khare, P. S. Jha, Utkarsh	A Revisit to the Estimation of Population Mean in Presence of Non-Response in Sample Surveys	International Journal of Mathematics & Statistics	2014
1162	Chemistry	Deepshikha Gupta	Comparative analysis of spices for their phenolic content, flavonoid content and antioxidant capacity	American International Journal of Research in Formal, Applied & Natural Sciences	2013
1163	Chemistry	Puri, J.K.; Kaur,H.;Anita Gupta (nee Singla)	Metal ion interactions with drugs	Journal of Molecular Liquids,	2013

1164	Chemistry	Prachi Singhal, Sunita Rattan, Devesh Kumar Avasthi & Ambuj Tripathi	Modification of PMMA/graphite nanocomposites through ion beam technique	Radiation Effects and Defects in Solids: Incorporating Plasma Science and Plasma Technology	2013
1165	Chemistry	Puri, J.K.; Kaur,H.;Anita Gupta (nee Singla)	Novel Organostannanes with assorted drugs	Phosphorus, Sulfur,and Silicon and the related Elements	2013
1166	Chemistry	Ambily P Nair, J Christine;	Spectrophotometric determination of Cu(II) and Ni(II) using 4 phenyl-3- thiosemicarbazone of 2-hydroxy-4-propoxy-5-bromoacetophenone (HnPBAPT) as analytical reagent.	American International Journal of Research in Formal, Applied and Natural Sciences.	2013
1167	Chemistry	Rattan S., Sehgal T.	Stimuli-responsive membranes through graftcopolymerization of acrylic acid (aac) onto polycarbonate track etched (PCTE) membrane	Advanced Materials Letters	2013
1168	Chemistry	Puri, J.K.; Kaur,H.;Anita Gupta (nee Singla), Kapila, A.	Synthesis and Characterization of some new di- and tri-organotin complexes of Schiff base	Main Group Metal Chemistry	2013
1169	Chemistry	Sunita Rattan, Prachi Singhal, A.L. Verma	Synthesis of PEDOT:PSS (Poly(3,4ethylenedioxythiophene)/p oly(4-styrene sulfonate))/ NGPs (Nanographitic Platelets) Nanocomposites as Chemiresistive Sensors for Detection of Nitroaromatics	Polymer Engineering Sciences	2013
1170	Mathematics	Shweta Upadhyaya	Admission Control of Bulk Retrial Queue under Bernoulli Vacation Schedule	International Journal of Emerging Technologies in Computational and Applied Science (IASIR)	2013
1171	Mathematics	Shweta Upadhyaya	Bernoulli Vacation Policy for a Bulk Retrial Queue with Fuzzy Parameters	International Journal of Applied Operational Research (IJAOR)	2013
1172	Mathematics	Renu Chugh, Prakriti Rai, Smita Sharma	Certain Transformation Formulae for Bilateral Basic Hypergeometric Series	Journal of Ramanujan Society of Mathematics and Mathematical Sciences	2013

1173	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Cost Benefit Analysis of a 2-Out-of-3 Induced Draft Fans System with Priority for Operation to Cold Standby over Working at Reduced Capacity	Advanced Modeling and optimization	2013
1174	Mathematics	C. K. Jaggi*, S. K. Goel and Mandeep Mittal	Credit financing in economic ordering policies for imperfect quality items with allowable shortages	Applied Mathematics and Computation	2013
1175	Mathematics	C. K. Jaggi*, Mandeep Mittal and Aditi Khanna	Effects of inspection on retailer's ordering policy for deteriorating items with time-dependent demand under inflationary conditions	International Journal of Systems and Science	2013
1176	Mathematics	Anjali Dhiman	Monotonic Behaviour of some new Generalized fuzzy Information Measures & Its Essential Properties	International Journal of Mathematical archive (IJMA)	2013
1177	Mathematics	Yogender Singh, KuldeepChaudhary, P. C. Jha	Optimal Advertising and Pricing Policies of Successive Generations of Product in Segmented Market	Int. J. Computational Intelligence Studies	2013
1178	Mathematics	P.K.Kapur,Hoang Pham,Udayan Chanda,Vijay Kumar	Optimal allocation of testing effort during testing and debugging phases: a control theoretic approach	International Journal of Systems Science	2013
1179	Mathematics	KuldeepChaudhary, Yogender Singh, P. C. Jha,	Optimal Control Policy of a Production and Inventory System for multi-Product in Segmented Market	Ratio Mathematica	2013
1180	Mathematics	Yogender Singh, PrernaManik, KuldeepChaudhary	Optimal Production Policy for Multi- Product with Inventory-Level- Dependent Demand in Segmented Market	Yugoslav Journal of Operations Research	2013
1181	Mathematics	PrernaManik, KuldeepChaudhary, Yogender Singh, P. C. Jha	Optimal Promotion Effort Control Policy for Segment Specific New Product Growth	Advances in Intelligent and Soft Computing	2013
1182	Physics	Indrajit Kumar, Amiya Priyam and Ravi Kant Choubey	"Degree of Supersaturation: an Effective Tool to Control the Luminescence Efficiency and Size Distribution in CdTe Quantum Dots"	AIP Conference Proceedings	2013
1183	Physics	Sunil Kumar, T.W. Kang, P. Yousaf Khan, Sanjeev Kumar, Manju Goyal and Ravi Kant Choubey	"Study of electroless template synthesized ZnSe nanowires and its characterization"	Journal of Materials Science: Materials in Electronics	2013
1184	Physics	S. Medhekar, R. Kumar, S. Mukherjee and R. K. Choubey	"Study of Nonlinear Refraction of Organic Dye by Z-scan Technique Using He–Ne Laser"	AIP Conference Proceedings	2013

1185	Physics	Homdutt Sharma/V.K.Jain/Z.H.K han	4. Use of Constant Wavelength Synchronous Spectrofluorimetry for Identification of Polycyclic Aromatic Hydrocarbons in Air Particulate Samples.	Spectrochimica Acta Part A	2013
1186	Physics	Dr G N Pandey-1	Band Structure, Group velocity, Effective group index and Effective phase index of one Dimensional Plasma Photonic Crystal	Optik - International Journal for Light and Electron Optics	2013
1187	Physics	Shivani A Kumar and Vasudha Pande	Branching of Measurement Results for Swapping between Two Nonorthogonal Entangled Coherent States	World Journal of Science and Technology Research,	2013
1188	Physics	u c srivastava	Debye Temperature Variation in Thallium Fluoride (TlF)	Archives of Applied Science Research	2013
1189	Physics	Dr G N Pandey-1	Dispersion Relation of Defect Structure Containing Negative Index Materials	International Journal of Advances in Electronic and Electronic Engineering	2013
1190	Physics	A. Panwar, C. M. Ryu and A. Kumar	Effect of Plasma Channel Non- Uniformity on Resonant Third Harmonic Generation	Laser and Particle Beams	2013
1191	Physics	Dr G N Pandey-3	Formation of Gap Soliton in Negative Kerr Nonlinear One Dimensional Photonic Crystal	OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS (Romania)	2013
1192	Physics	Dr G N Pandey-1	Frequency Dependence Effective Refractive Index of Meta–Materials by Effective Medium Theory	International Journal of Advances in Electronic and Electronic Engineering	2013
1193	Physics	Dr G N Pandey 1	Materials Photonic Band Gap in Heterostructure	International Review of Applied Engineering. Research	2013
1194	Physics	Shivani A Kumar H. Prakash, N. Chandra and R. Prakash	Noise in swapping between two pairs of non orthogonal entangled coherent states	Modern Physics Letters B, Vol. 27, No.3,	2013
1195	Physics	Dr G N Pandey-1	Ominidirectional Reflection Band in One Dimensional Plasma Photonic Crystal.	Optik - International Journal for Light and Electron Optics	2013
1196	Physics	Dr G N Pandey-4	Optics of Magnetic Photonic Crystals with Mu-Negative Materials	AIP Conference Proceedings	2013
1197	Physics	Pramila Shukla and Ranjana Prakash	Ordinary and amplitude squared squeezing in four wave mixing process	Modern Physics Letters B	2013

1198	Physics	A. Kumar	Ponderomotive Self Focusing of Surface Plasma Wave	Plasmonics	2013
1199	Physics	Jyoti Katyal	Size and shape dependent plasmonic properties of aluminium nanoparticles for nanosensing applications	J of Modern Optics	2013
1200	Physics	u c srivastava	Study of cohesive energy for KX(X=F, Cl, Br,I)crystal Structure	Opt.elect. & Adv. Materials,Rapid Communications(OA M-RC)	2013
1201	Physics	Sanjeev K Srivastava	Study of defect modes in one- dimensional photonic crystal structure containing high and low Tc superconductor as a defect layers.	Journal of Superconductivity and Novel Magnetism	2013
1202	Physics	Pandey R.S., Kaur R.	Study of low frequency emission by injection of hot electron beam in the magnetosphere of Uranus	AIP Conference Proceedings	2013
1203	Physics	Adarsh Kumar	Variations of aerosol optical depth and cloud parameters over North Eastern regions of India retrieved from MODIS satellite data	Journal of Atmospheric & Solar Terrestrial Physics	2013
1204	Physics	R S Pandey, Rajbir Kaur and U C Srivastava	Whistler mode wave by cold plasma injection for relativistic generalized loss- cone distribution function in the Magnetosphere of Uranus	International Journal of Advanced Research	2013
1205	Statistics	B. B. Khare, Habib Ur Rehman, P. S. Jha, Utkarsh	Chain Type Estimators for Population Parameters Using Auxiliary Variables and Additional Auxiliary Variables	Journal of National Academy of Mathematics, India	2013
1206	Chemistry	Rattan S., Sehgal T.	Stimuli-responsive membranes through peroxidation radiation- induced grafting of 2-hydroxyethyl methacrylate (2-HEMA) onto isotactic polypropylene film (IPP)	Journal of Radioanalytical and Nuclear Chemistry	2012
1207	Mathematics	C. K. Jaggi*, Anuj Sharma and Mandeep Mittal	A fuzzy inventory model for deteriorating items with initial inspection and allowable shortage under the condition of permissible delay in payment", International Journal of Inventory Control and Management	International Journal of Inventory Control and Management	2012
1208	Mathematics	Bhupender Parashar, Anjali NAithani, P. K. Bhatia	Analysis of a 3-Unit Induced Draft Fan System with One Warm Standby	International Journal of Engineering Science and Technology (IJEST)	2012

1209	Mathematics	PK Kapur, H Pham, V Kumar, A Anand	Dynamic optimal control model for profit maximization of software product under the influence of promotional effort	Journal of High Technology Management Research	2012
1210	Mathematics	KuldeepChaudhary, PrernaManik, Shivanibali	Dynamic Testing Resource Allocation of Modular Software System for SRGM Incorporating Testing Efficiency Using Differential Evolution	Advances in Intelligent and Soft Computing	2012
1211	Mathematics	Priti Gupta, Abhishek, H D Arora	Generalized Noiseless Coding Theorem and Block Coding	International Journal of Applied Mathematics	2012
1212	Mathematics	P.K.Kapur, KuldeepChaudhary, Anu G. Aggarwal,P.C.Jha	On the Development of Innovation Diffusion Model Using Stochastic Differential Equation Incorporating Change in the Adoption Rate	International Journal of Operational Research	2012
1213	Mathematics	P.C. Jha, KuldeepChaudhary	Optimal Advertising Control Policy for a New Product with Dynamic Potential Adopter Population in Segmented Market	Journal of Statistics & Management Systems	2012
1214	Mathematics	Yogender Singh, KuldeepChaudhary, P. C. Jha	Optimal Control Policy for Advertising and Pricing of Two Generation Durable Product in Segmented Market	In Proceedings of the 2012 IEOM, Istanbul, Turkey	2012
1215	Mathematics	KuldeepChaudhary, P.C.Jha	Optimal testing effort control for modular software system incorporating the concept of independent and dependent faults: A Control Theoretic Approach	International Journal of Optimization and Control: Theories & Applications	2012
1216	Mathematics	Dr. Anjali Naithani, Dr. Bhupender Parashar, Prof. P. K. Bhatia, Prof. GulshanTaneja	Reliability Modelling Of A 3-Unit (Induced Draft Fan) Cold Standby System Working At Full/Reduced Capacity	International Journal of Mathematical Archive	2012
1217	Mathematics	C. K. Jaggi* and Mandeep Mittal	Retailer ordering policy for deteriorating items with initial inspection and allowable shortage under the condition of permissi0ble delay in payments	International Journal of Applied Industrial Engineering	2012
1218	Physics	Wei Tse Hsu, Zhi Bin Chen, Chien Cheng Wu, Ravi Kant Choubey and Chung Wen Lan	"Optical properties of Mg, Fe co- doped near-stoichiometric lithium tantalate single crystals"	Materials	2012

1219	Physics	Karamjit Singh, H. S. Bhatti, K. V. Baiju, S. Shukla, Sunil Kumar, R. K. Choubey	"Study of size dependent photo- induced exciton life-time and photocatalytic activity of nanocrystalline CdZnS"	Advanced Science Letters	2012
1220	Physics	Shivani A Kumar	Almost Perfect Teleportation of Entangled Coherent States	International Conference on Fibre Optics and Photonics	2012
1221	Physics	Sanjeev K Srivastava and S K Awasthi	Broadening of photonic band gap in one- dimensional superconductor star waveguide structure	Journal of Superconductivity and Novel Magnetism	2012
1222	Physics	D.K. Mishra, J. Mohapatra, M.K. Sharma, Ratnamala Chatterjee, S.K. Singh, S. Verma, S.N. Behera, S.K. Nayak, P. Entel	Carbon doped ZnO: Synthesis, characterization and interpretation	Journal of Magnetism and Magnetic Materials	2012
1223	Physics	u c srivastava	Comparative study of potassium halides Parameters by using many body model & van der Waals three body force shell model [VTBFSM]	British J of applied science and technology, (change Name) Current Journal of Applied Science and Technology	2012
1224	Physics	Ranjana Prakash and Pramila Shukla	Detection of Sum and Difference squeezing	IOSR-Journal of Applied Physics	2012
1225	Physics	A. Kumar	Effect of Nonlinear Absorption on Self-Focusing of Short Laser Pulse in a Plasma	Physics of Plasmas	2012
1226	Physics	Pandey R.S., Kaur R.	Generation of low frequency electromagnetic wave by injection of cold electron for relativistic and non-relativistic subtracted bi- Maxwellian distribution with perpendicular AC electric field for magnetosphere of uranus	Progress In Electromagnetics Research B	2012
1227	Physics	Adarsh Kumar and H P Singh	Impact of High Energy Cosmic Rays on Global Atmospheric Electrical Parameters over Different Orographically Important Places of India	ISRN high Energy Physics	2012
1228	Physics	M. Upadyay, S K Awasthi, Sanjeev K Srivastava and S P Ojha	Infrared omnidirectional reflection mirror based on one-dimensional birefringent- dielectric photonic crystal	Progress in Electromagnetic Research (PIER M)	2012
1229	Physics	Tyagi R.K., Srivastava K.K., Pandey R.S.	Non-traditional machining processes by means of velocity shear instability in plasma	Surface Engineering and Applied Electrochemistry	2012

1230	Physics	C.C. Wu, Z.B. Chen, R. K. Choubey, C. W. Lan	On the study of zinc doping in congruent LiTaO3 crystals	Materials Chemistry and Physics	2012
1231	Physics	Deepti Saxena, R Yadav, and Adarsh Kumar	Orographic features of global atmospheric electrical parameters over different places of Sri Lanka	Sri Lankan Journal of Physics	2012
1232	Physics	A. Panwar, A. Kumar and C. M. Ryu	Stimulated Raman Forward Scattering of a Laser in a Pre-Formed Plasma Channel	Laser and Particle Beams	2012
1233	Physics	Tyagi R.K., Pandey, R.S., Kumar A.	Surface coating by means of velocity shear instability in plasma	Theoretical Foundations of Chemical Engineering	2012
1234	Physics	Shivani A Kumar H. Prakash, N. Chandra and R. Prakash	Teleportation of Superposition of Coherent States Using 4-Partite States and Effect of Decoherence on Fidelity	Journal of Quantum Information Science,	2012
1235	Physics	Ashok Kumar	Terahertz Generation by Nonlinear Mixing of Laser and its Second Harmonic in a Rippled Density Plasma	Applied Physics B: Laser and Optics	2012
1236	Physics	Sanjeev K Srivastava , M. Upadyay, S K Awasthi and S P Ojha	Tunable reflection bands and defect modes in one-dimensional tilted photonic crystal structure.	Optics and Photonics Journal,	2012
1237	Chemistry	Christine Jeyaseelan, Ravin Jugade, AP Joshi;	Differential pulse polarographic determination of Nifedipine in Pharmaceutical formulations.	International Journal of Pharmaceutical Sciences and Drug research.	2011
1238	Chemistry	Deepshikha Gupta and Ritu Mathur	Phytochemistry of “Kushtanashini : A Review	ISST Journal of Applied Chemistry	2011
1239	Chemistry	Sangal, A.	Role of cinnamon as beneficial antidiabetic food adjunct: a review	Advances in Applied Science Research	2011
1240	Chemistry	Ravin Jugade, Christine Jeyaseelan, A P Joshi;	Trace determination of Azathioprine by differential pulse polarography.	International Journal of Pharmaceutical Sciences Review and Research,	2011
1241	Mathematics	H D Arora	Computation of Weighted Error Bounds of order a with Preferences	International Journal of Applied Systemic Studies	2011
1242	Mathematics	C. K. Jaggi*, A. Khanna and Mandeep Mittal	Credit financing for deteriorating imperfect-quality items under inflationary conditions	International Journal of Services Operations and Informatics (IJSOI)	2011

1243	Mathematics	KuldeepChaudhary, Shivani Bali, P. C. Jha	Dynamic Testing Resource Allocation of Modular Software System for Flexible SRGM Incorporating Testing Efficiency	In Proceeding of the International Congress on Productivity, Quality, Reliability, optimization and modeling(ICPQROM),	2011
1244	Mathematics	C. K. Jaggi* and Mandeep Mittal	Economic order quantity model for deteriorating items with imperfect quality	International Journal Revista Invetigacion Operacional	2011
1245	Mathematics	C. K. Jaggi*, Satish K. Goel and Mandeep Mittal	Economic order quantity model for deteriorating items with imperfect quality and permissible delay on payments	InternationalJournal of Industrial Engineering Computations (IJIEC)	2011
1246	Mathematics	Priti Gupta, H D arora	On best 1:1 codes for generalized quantitative-qualitative measure of inaccuracy	African Journal of Mathematics and Computer Sciences	2011
1247	Mathematics	P.C.Jha, KuldeepChaudhary, Anshu Gupta	On the Development of Adoption of Newer Successive Technologies Using Stochastic Differential Equation	In Proceeding of the 2011 IEEE IEEM, Singapore	2011
1248	Mathematics	KuldeepChaudhary, PrernaManik, P.C. Jha	On the development of successive release of software using stochastic Differential equation–A Theoretical Framework	In Proceedings of the 5th National Conference; INDIACom-2011, Computing For Nation Development	2011
1249	Mathematics	KuldeepChaudhary, Yogender Singh, P.C. Jha	Optimal control policy of a production and inventory system for deteriorating items in segmented market	” In Proceedings of the 2011 International Conference on Industrial Engineering and Operations Management, Kuala Lumpur, Malaysia	2011
1250	Mathematics	Yogender Singh, KuldeepChaudhary, P.C. Jha	Optimal Production Policy of Production System with Inventory- level-dependent demand in Segmented Market	In Proceeding of the 2011 IEEE IEEM, Singapore	2011
1251	Mathematics	C. K. Jaggi*, S.K. Goel and Mandeep Mittal	Pricing and replenishment policies for imperfect quality deteriorating items under inflation and permissible delay in payments	International Journal of Strategic Decision Sciences	2011
1252	Physics	C.C. Wu, R. K. Choubey and C.W. Lan	"Generation of Annularly Symmetric Periodic Ferroelectric Domains in Nd Doped Near Stoichiometric LiTaO3 Crystals by VTE Processing"	Materials Letter	2011

1253	Physics	Y. S. Lo, R. K. Choubey, W.C. Yu, W. T. Hsu, C.W. Lan	"Shallow bath chemical deposition of CdS thin film"	Thin Solid films	2011
1254	Physics	Tyagi R.K., Srivastava K.K., Pandey R.S.	Analysis of electrostatic ion- cyclotron instability driven by parallel flow velocity shear	Surface Engineering and Applied Electrochemistry	2011
1255	Physics	A. K. Shukla, V. K. Agrawal, I. M. L. Das, Janardan Singh and S. L. Srivastava.	Dielectric response of PLZT ceramics x/57/43 across ferroelectric – paraelectric phase transition	Bulletin of Material Science	2011
1256	Physics	Dr G N Pandey-1	Existence of Negative Dispersion and Band Gap on Helically Inner Cladded Annular Circular Waveguide	Optik - International Journal for Light and Electron Optics	2011
1257	Physics	u c srivastava	Harmonic dynamic of Potassium halides (KF, KCl, KBr and KI)	Archives of Physics	2011
1258	Physics	A. Kumar, D. Dahiya, and A. K. Sharma	Laser Prepulse Induced Plasma Channel Formation in Air and Relativistic Self Focusing of an Intense Short Pulse	Physics of Plasmas	2011
1259	Physics	Adarsh Kumar, Deepti Saxena, R Yadav, and J Rai	Measurement of atmospheric aerosols during monsoon period at Roorkee	Atmospheric Science Letters	2011
1260	Physics	A. Kumar and A. L. Verma	Nonlinear Absorption of Intense Short Pulse Laser over a Metal Surface Embedded with Nanoparticles	Laser and Particle Beams	2011
1261	Physics	Ashish Mishra, S K Awasthi, Sanjeev K Srivastava, Usha Malviya and S.P Ojha	Tunable and omnidirectional filters based on one-dimensional photonic crystals composed of single negative materials	J. of Optical Society of America B (JOSA B),	2011
1262	Physics	U.C.Srivastava& K. S.Upadhyaya	Unified studies of lattice dynamic of potassium Iodide (KI)	Physical Review and Research International (change name) - Physical Science International Journal	2011
1263	Physics	R.S.Pandey, U.C.Srivastava ,A.K.Chaubey and K.M.Singh	Velocity shear ion-cyclotron higher harmonics instability in the presence of perpendicular AC electric field	British journal of Applied Science & Technology(change Name)Current Journal of Applied Science and Technology	2011

1264	Chemistry	Ambily P Nair, J Christine;	2-Hydroxy-4-propoxy-5- bromoacetophenone oxime (HnPBAO) as a gravimetric Reagent for Ni(II) and Cu(II) and Spectrophotometric Study of the Complexes.	Der Chimica Sinica,	2010
1265	Chemistry	Saxena M., Tiwari S., Dhimole L.	Comparative characteristics of paints developed from fly ash, copper tailings and blue dust	Land Contamination and Reclamation	2010
1266	Chemistry	Kaur I., Rattan S., Chauhan S., Gupta N.	Gamma-radiation-induced grafting of binary mixture of methacrylic acid and 4- vinyl pyridine onto Teflon-FEP film as an effective polar membrane for separation processes	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	2010
1267	Chemistry	Sehga T., Rattan S.	Graft-copolymerization of N-vinyl-2- pyrrolidone onto isotactic polypropylene film by gamma radiation using peroxidation method	Indian Journal of Pure and Applied Physics	2010
1268	Chemistry	Sehgal T., Rattan S.	Modification of isotactic polypropylene film by radiation-induced graft copolymerization	Journal of Radioanalytical and Nuclear Chemistry	2010
1269	Chemistry	Sehgal T., Rattan S.	Synthesis, characterization and swelling characteristics of graft copolymerized isotactic polypropylene film	International Journal of Polymer Science	2010
1270	Mathematics	Priti Gupta	One-One coding and Generalized Quantitative-Qualitative measure of Inaccuracy	International Journal of Applied Mathematics and Applications	2010
1271	Physics	C.C. Wu, W.T. Hsu, Z.B. Chen, R. K. Choubey and C.W. Lan	“Crystal Growth, VTE Treatment, and Characterizations of Nd-doped LiTaO3”	Journal of Crystal Growth	2010
1272	Physics	H. Prakash, N. Chandra, R. Prakash and Shivani	Almost perfect teleportation using 4- partite states	International Journal of Modern Physics B,	2010
1273	Physics	Pandey R.S., Singh M., Kumar P., Singh K.M., Kumar S.	Generation of VLF mode instability by generalized distribution function in the presence of parallel AC electric field in Uranus	Plasma Science and Technology	2010
1274	Physics	R. K. Choubey, P. K. Barhai, S. Kar, P. Sen and K. S. Bartwal “	Growth and study of OH absorption band in doped LiNbO3 crystals”	Nonlinear Optics and Quantum Optics	2010

1275	Physics	H. Prakash, N. Chandra, R. Prakash and Shivani	Improving the entanglement diversion between two pairs of entangled coherent states	International Journal of Modern Physics B,	2010
1276	Physics	Srivastava U.C., Pandey R.S., Upadayaya K.S.	Lattice dynamic study of potassium bromide using theoretical approach	International Journal of Physical Sciences	2010
1277	Physics	U.C.Srivastava, R.S.Pandey & K.S. Upadhyaya	Lattice Dynamical Study of KBr by theoretical approaches	International J. of Physical sciences	2010
1278	Physics	Sanjeev K. Srivastava, S K Awasthi, S K Srivastava and S.P.Ojha	Near Infrared optical reflector design using one-dimensional photonic crystal containing chalcogenide glasses.	Optolectronics Letters	2010
1279	Physics	S.K Srivastava, U.C Srivastava& S.P Ojha	Photonic Band Structure of Quasi 1D Metallic Serial Loop Structure	J of Ovanic Research	2010
1280	Physics	Sanjeev K. Srivastava,U.C. Srivastava and S.P.Ojha	Photonic band structure of quasi 1D metallic serial loop structure.	Journal of Ovonic research	2010
1281	Physics	R.S.Pandey,U.C.Srivast ava,A.K.Srivastava,S.K umar and D.K.Singh	Pitch Angle Loss- Cone Anisotropic Magneto plasma In Presence of Parallel Electric A.C. Field	Archives of Physics Research	2010
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