



AMITY INSTITUTE OF APPLIED SCIENCE

Books & Book Chapters							
#	Department	Name	Title of Book Chapter	Title of the Book	Book/ Book Chapter	Year	Name of Publisher
1	Chemistry	Sheenam Thatai	Environmental Waste Conversion Using Nano-Enabled Photocatalysis	Circular Nanotechnology	Book Chapter	2026	Springer
2	Chemistry	Deepshikha Gupta	Chapter 14 - Green catalyst solutions from waste for sustainable treatment processes	Waste Derived Catalysts Sustainable Materials for Energy and Environment	Book Chapter	2026	Elsevier
3	Chemistry	Pratibha Sharma	Chapter 14 - Green catalyst solutions from waste for sustainable treatment processes	Waste Derived Catalysts Sustainable Materials for Energy and Environment	Book Chapter	2026	Elsevier
4	Chemistry	Dr. Kumar Rakesh Ranjan	Nanomaterials Boosting Optical Fiber Sensing Performance	Nanostructured Materials for Sensing Applications: Nanostructured Materials for Advanced Sensing Platforms	Book Chapter	2026	WILEY
5	Chemistry	Dr. Kumar Rakesh Ranjan	Nanomaterials Boosting Optical Fiber Sensing Performance	Nanostructured Materials for Sensing Applications: Nanostructured Materials for Advanced Sensing Platforms	Book Chapter	2026	WILEy
6	Chemistry	Tejendra K Gupta	Green catalyst solutions from waste for sustainable treatment processes	Elsevier	Book Chapter	2026	Springer
7	Chemistry	Tejendra K Gupta	The Future of Polymer Science: Artificial Intelligence and Beyond	Springer Nature Singapore	Book Chapter	2026	Springer
8	Chemistry	Tejendra K Gupta	Real-World Applications of AI-Designed Polymers	Springer Nature Singapore	Book Chapter	2026	Springer
9	Mathematics	Dr. Priyanka Gupta	A Picture Fuzzy Numbers-Based AHP-CoCoSo Approach to Deal with Different Software Code Smells	Reliability Modelling, System Engineering, and Management Through Computational Intelligence	Book Chapter	2026	Springer
10	Physics	Dr. Gautam Singh	Recent advances in liquid crystal-based thermal sensors	Advancing Thermal Technologies Practical Applications and Future Materials Emerging Technologies and Materials in Thermal Engineering	Book Chapter	2026	Elsevier

11	Physics	Dr. Rohit Verma	The Future of Polymer Science: Artificial Intelligence and Beyond.	AI-Driven Polymer Design. Engineering Materials	Book Chapter	2026	Springer
12	Physics	Dr. Rohit Verma	Real-World Applications of AI-Designed Polymers	AI-Driven Polymer Design. Engineering Materials	Book Chapter	2026	Springer
13	Physics	Dr Shefali Kanwar	Stochastic Modeling in Engineering Systems: A Study of a Nuclear Power Plant System	Mathematical Solutions for Complex Engineering Systems	Book Chapter	2026	Taylor & Francis Group
14	Statistics	Dr. Niraj Kumar Singh	Ethics and Compliance: Navigating Data Privacy in AI Applications	AI and Climate-Smart Policies for Blue Economy: Eco-Digital Futures	Book Chapter	2026	IGI Global
15	Chemistry	Dr. Pratibha Sharma	Detoxification of Industrial Waste Water by Photocatalytic Techniques	Emerging Trends in Photoredox Synthetic Transformation	Book Chapter	2025	Springer
16	Chemistry	Dr. Mousumi Sen		Emerging Trends in Photoredox Synthetic Transformation	Book	2025	Springer, Singapore
17	Chemistry	Dr. Mousumi Sen	Edible Material as a Sustainable Eco-Friendly Option of Food Packaging	Food Coatings and Preservation Technologies, WILEY	Book Chapter	2025	WILEY
18	Chemistry	Dr. Manoj Raula	Self-healing and water-repellent nanopaint	In Micro and Nano Technologies, Nanopaints,	Book Chapter	2025	ScienceDirect
19	Chemistry	Dr Christine Jeyaseelan	Nanomaterial-Based Filtration Technologies for Particle and Colloid Removal	Nano-solutions for Sustainable Water and Wastewater Management	Book Chapter	2025	Springer
20	Chemistry	Dr. Mousumi Sen	Photo-Redox Reactions: Definition and Classification	Springer, Singapore	Book Chapter	2025	Springer
21	Chemistry	Deepshikha Gupta	Circular Economy Principles	Green Nanomaterials An Agriculture and Circular Economy Alternative	Book Chapter	2025	Springer Cham
22	Chemistry	Kumar Rakesh Ranjan	Advancing Sustainable Development Goals through Nanotechnology	Exploring Nanotechnology for a Sustainable Economy	Book Chapter	2025	Taylor & Francis, CRC Press
23	Chemistry	Kumar Rakesh Ranjan	Life Cycle Thinking of Nanotechnology	Exploring Nanotechnology for a Sustainable Economy	Book Chapter	2025	Taylor & Francis, CRC Press
24	Chemistry	Dr. Sheenam Thatai	Nanophase ceramics-based systems used in drug delivery	Inorganic Biomaterials for Drug delivery	Book Chapter	2025	Woodhead Publishing Series in Biomaterials
25	Chemistry	Sheenam Thatai	Antibacterial and antifouling nanopaints	Nanopaints	Book Chapter	2025	Elsevier
26	Chemistry	Sheenam Thatai	Nanopaints: revolutionizing catalysis for enhanced efficiency and sustainability	Nanopaints	Book Chapter	2025	Elsevier

27	Chemistry	Sheenam Thatai	Spectrum of elemental distribution over Mars	The Chemistry of Mars	Book Chapter	2025	Elsevier
28	Chemistry	Sheenam Thatai	Hydrogels and Hydrogel Nanocomposites for 3D- and 4D-Printed Applications	Engineering Materials	Book Chapter	2025	Springer
29	Chemistry	Sheenam Thatai	Multifunctional Polymer Nanocomposites for 3D and 4D Printing: Idea of 6D Printing	Engineering Materials	Book Chapter	2025	Springer
30	Chemistry	Manoj Raula	Photocatalytic Degradation of Organic Dyes	Nanopaints	Book Chapter	2025	Elsevier
31	Chemistry	Pratibha Sharma	Circular Economy Principles	Green Nanomaterials An Agriculture and Circular Economy Alternative	Book Chapter	2025	Springer Cham
32	Chemistry	Kumar Rakesh Ranjan	Green Deep Eutectic Solvents in Genomics/Fundamentals of Nucleic Acids	Green Deep Eutectic Solvents: Fundamentals and Applications in Green Chemistry	Book Chapter	2025	WILEY
33	Chemistry	Tejendra K Gupta	Circular Economy Principles	Springer Nature Switzerland	Book Chapter	2025	Springer
34	Chemistry, Physics	Tejendra K Gupta*, Deepshikha Gupta, RK Chaubey	Photodeposition for Highly Effective Photocatalytic Materials	Emerging Trends in Photoredox Synthetic Transformation	Book Chapter	2025	Springer
35	Chemistry, Physics	Rohit Verma*, Tejendra K Gupta*, Deepshikha Gupta, Sheenam Thatai	Hydrogels and Hydrogel Nanocomposites for 3D- and 4D-Printed Applications	Engineering Materials	Book Chapter	2025	Springer
36	Chemistry, Physics	Dr Tejendra Kumar Gupta*, Satyendra Pratap Singh	Multifunctional Polymer Nanocomposites for 3D and 4D Printing: Idea of 6D Printing	Engineering Materials	Book Chapter	2025	Springer
37	Chemistry, Physics	Rohit Verma*, Tejendra K Gupta*, Deepshikha Gupta	Smart Materials for Next-Generation Manufacturing of 3D, 4D, and 5D Printing Technologies	Engineering Materials	Book Chapter	2025	ResearchGate
38	Chemistry, Physics	Dr Tejendra Kumar Gupta*, Dr Rohit Verma	Nanopaints: revolutionizing catalysis for enhanced efficiency and sustainability	Nanopaints: Characterization, Formulation, and Emerging Applications	Book Chapter	2025	ScienceDirect

39	Chemistry, Physics	Dr Tejendra Kumar Gupta*, Dr. Gaurav Sharma	Antibacterial and antifouling nanopaints	Nanopaints; Characterization, Formulation, and Emerging Applications; Micro and Nano Technologies	Book Chapter	2025	ScienceDirect
40	Mathematics	Dr Shweta Upadhyaya	Cost optimization of a batch retrieval queue with a working vacation	Advances in Computational Methods and Modeling for Science and Engineering	Book Chapter	2025	ScienceDirect
41	Mathematics	Surbhi Gupta	Kinematic Modeling of 4R-Robotic Arm Using Adaptive Neuro-Fuzzy Inference System	Lecture Notes in Networks and Systems	Book Chapter	2025	Springer
42	Mathematics	Dr Divya Agarwal	Reckoning of Optimal Parameters of M/G/1 Retrieval Model with Active and Passive Breakdowns Using Optimization Techniques	Optimization Techniques for Sustainable Environment Under Uncertainty. Engineering Optimization: Methods and Applications. Springer, Singapore	Book Chapter	2025	Springer
43	Mathematics	Dr Vanita garg	Improved Marine Predator Algorithm for Real World Problems	Role of Nature-Inspired Algorithms in Real-life Problems	Book Chapter	2025	Springer
44	Mathematics	Surbhi Gupta*, Dr. H.D Arora*	Numerical Analysis of Nanoparticle Diffusion: Solving Time-Fractional Klein–Gordon Equations with the Laplace Homotopy Perturbation Method	Studies in Systems, Decision and Control	Book Chapter	2025	ResearchGate
45	Mathematics	Dr. Rishu Arora	Overview of Optimization Processes by Statistical and AI Techniques	Industrial Composites, Optimization Methods, and Tribological Considerations	Book Chapter	2025	Taylor & Francis Group
46	Mathematics	Dr. Surbhi Gupta	Numerical Analysis of Nanoparticle Diffusion: Solving Time-Fractional Klein–Gordon Equations with the Laplace Homotopy Perturbation Method	Studies in Systems, Decision and Control	Book Chapter	2025	Springer
47	Mathematics	Dr. Surbhi Gupta	Machine Learning Techniques for Brain and Health Data	Brain Informatics Technology	Book Chapter	2025	wiley
48	Mathematics	Dr. Surbhi Gupta	Generative Artificial Intelligence in Healthcare: Approaches and Applications	Generative Artificial Intelligence in Healthcare: Current Practices and Future Development	Book Chapter	2025	CRC Press
49	Mathematics	Dr. H.D.Arora	Novel Distance–Similarity Measures for Intuitionistic Fuzzy Sets: A Comparative Analysis from Medical Diagnosis and Pattern Recognition Perspective	Fuzzy Logic Concepts in Computer Science and Mathematics	Book Chapter	2025	Apple Academic Press

50	Mathematics	Dr Vanita Garg	A state of the art review of Genetic Algorithm and Particle Swarm Optimization	Soft Computing for Problem Solving: Proceedings of 12th International Conference on Soft Computing for Problem Solving (SocProS 2023), IIT Roorkee, India, August 11–13, Vol. 3	Book Chapter	2025	Springer
51	Physics	Dr. A K Shukla	Lead-Free Piezoelectric Materials and Their Applications	Piezoelectric Materials	Book chapter	2025	Jenny Stanford Publishing
52	Physics	Dr. Gautam Singh	Tunable Photoluminescence of Nanoparticles Doped Cholesteric Liquid Crystals Composites for Photonic Applications	Cholesteric Liquid Crystals Dielectric and Optical Applications	Book Chapter	2025	Springer
53	Physics	Dr. A K Shukla	Piezoelectric Materials in the Sound Industry	PIEZOELECTRIC MATERIALS: Design and Applications	Book chapter	2025	Jenny Stanford Publishing
54	Physics	Dr Adarsh Kumar	A case review on Chandrayaan-3 landing on moon's surface		Book Chapter	2025	AkiNik Publications
55	Physics	Dr Adarsh Kumar	A Review on Major Space Missions to the Moon		Book Chapter	2025	Integrated publications
56	Physics	Dr Satyendra Pratap Singh	Nanotechnology and Its Role in Building a Sustainable Economy	Exploring Nanotechnology for a Sustainable Economy	Book Chapter	2025	Taylor and Francis
57	Physics	Dr Surbhi	Optoelectronic and Structural Properties of Chalcogenide WS ₂ /MoS ₂ Composite Thin Films	Recent Advances in Functional Materials, Volume 1	Book Chapter	2025	Springer
58	Physics	Dr Surbhi	Room Temperature Chemical Bath Synthesis of ZnS/CuS Composite Thin Film Photodetector	Recent Advances in Functional Materials, Volume 2	Book Chapter	2025	Springer
59	Physics	Dr.Gaurav Sharma	Nanotechnology and Its Role in Building a Sustainable Economy	Exploring Nanotechnology for a Sustainable Economy	Book Chapter	2025	Taylor and Francis
60	Physics	Dr Sanjeev K Srivastva	Hydrostatic Pressure Effects on Transmittance and Reflectance Spectra in 1D Defective Semiconductor Photonic Crystals Under TE Mode Configuration	Engineering Materials	Book Chapter	2025	Springer
61	Physics	Dr Shefali Kanwar	Machine Learning in Biotechnology: Current Applications and Future Prospects	From Genes to Algorithms: Navigating the Biotechnology Data Revolution	Book Chapter	2025	Bentham science

62	Physics	Dr Jyoti Katyal	Implementing Photonics in Advanced Manufacturing Techniques for Industry 5.0	Photonics and Optoelectronics in Industry 5.0	Book Chapter	2025	Springer
63	Physics	Dr Jyoti Katyal	AI Techniques for Signal Processing in Optical Fiber Sensors	Optical Fiber Sensors and AI: Exploring the Fusion	Book Chapter	2025	Springer
64	Chemistry	Dr. Jaibir Kherb	Future developments in nanohybrid smart coatings	Advancements in nano-hybrid smar coatings for industrial efficiency and corrosion resistance	Book Chapter	2024	
65	Chemistry	Dr Christine Jeyaseelan*, Dr. Mousumi Sen	A Facile Method for Removal of Methylene Blue Dye from Wastewater Using Biochar-Modified Chitosan Beads	Emerging trends in synthesis and catalysis	Book Chapter	2024	Springer
66	Chemistry	Dr Christine Jeyaseelan	MWCNT/TPU Nanocomposites-Based UV Photodetector	Emerging trends in synthesis and catalysis	Book Chapter	2024	Springer
67	Chemistry	Deepshikha Gupta,	Impurity Profiling of Antihyperglycemic Drug-Sitagliptin	Emerging Trends in Synthesis and Catalysis in Chemistry	Book Chapter	2024	Springer
68	Chemistry	Deepshikha Gupta,	Quality Control Methods to Check Phthalates Toxicity in Textile Products	Emerging Trends in Synthesis and Catalysis in Chemistry	Book Chapter	2024	Springer
69	Chemistry	Deepshikha Gupta*, Kiran bajaj	Synthesis of Coumarins by Pechmann Condensation Using Nano-ferrites	Emerging Trends in Synthesis and Catalysis in Chemistry	Book Chapter	2024	ResearchGate
70	Chemistry	Dr. Mousumi Sen	Biobased Antimicrobial Food Packaging Coatings	Food Coatings and Preservation Technologies	Book Chapter	2024	WILEY
71	Chemistry	Dr. Mousumi Sen		Food Coatings and Preservation Technologies	Book	2024	WILEY
72	Chemistry	Dr. Mousumi Sen	Edible Food Coatings are Biopolymers	Food Coatings and Preservation Technologies, WILEY	Book Chapter	2024	WILEY
73	Chemistry	Dr. Seema Garg	Biofabrication of Nanoparticles in Wound-Healing Materials	Green Synthesis of Nanomaterials: Biological and Environmental Applications	Book Chapter	2024	wiley
74	Chemistry	Dr. Sangeeta Tiwari	An Innovative Cation Exchange Water Treatment Method Using Zeolite Synthesized from Industrial Waste	International Symposium on Emerging Trends in Synthesis and Catalysis	Book Chapter	2024	Springer
75	Chemistry	Deepshikha Gupta	Industrial applications of nanoparticle immobilized enzymes	Nano-Enzyme Incorporated Particles	Book Chapter	2024	Academic Press

76	Chemistry	Dr. Jaibir Kherb	Future Developments in Nano-hybrid Smart Coatings	Nano-hybrid Smart Coatings: Advancements in Industrial Efficiency and Corrosion Resistance	Book Chapter	2024	ACS Publications
77	Chemistry	Dr. Manoj Raula	Chapter 13 - Functional nanostructures for photoelectrochemical water splitting applications	Nanostructured Materials and Interfaces	Book Chapter	2024	Elsevier
78	Chemistry	Dr. Mousumi Sen	Green and Sustainable Catalytic Reaction Processes Including New Reaction Medium-Enriched Atom Utilization	Nanostructured Materials and Interfaces	Book Chapter	2024	WILEY
79	Chemistry	Dr. Manoj Raula	Functional nanostructures for photoelectrochemical water splitting applications	Nanotechnology for Hydrogen Production and Storage, Nanostructured Materials and Interfaces	Book Chapter	2024	ScienceDirect
80	Chemistry	Dr. Pratibha Sharma	Green Avenues in Controlled Radical Polymerization for Precision Synthesis of Macromolecules	Sustainable Green Catalytic Processes	Book Chapter	2024	WILEY
81	Chemistry	Dr. Mousumi Sen		Sustainable Green Catalytic Processes	Book	2024	WILEY
82	Chemistry	Dr. Maumita Das Mukherjee	Smart and Sustainable Applications of Nanocomposites: Chapter Name: Introduction to Nanotechnology: Transformative Frontier		Book Chapter	2024	
83	Chemistry, Physics	Tejendra K. Gupta*, Rohit Verma, Deepshikha Gupta	Role of Nanomaterials in Implant Dentistry	Emerging Sustainable Nanomaterials for Biomedical Applications	Book Chapter	2024	Springer
84	Mathematics	Jayanti Tripathi Pandey	Blockchain Based Decentralized File Sharing System	Advancement of Intelligent Computational Methods and Technologies	Book Chapter	2024	CRC press(Taylor and Francis Group)
85	Mathematics	Dr. Surbhi Gupta	Intelligent Development in Healthcare With the Internet: Case Study II	Computational Intelligence and Blockchain in Biomedical and Health Informatic	Book Chapter	2024	CRC press(Taylor and Francis Group)

86	Mathematics	Dr. H.D Arora Dr. Riju Chaudhary Dr. Vijay Kumar	A Study on the Efficiency of Divergence Measure in Fuzzy TOPSIS Algorithm for Multi-attribute Decision Making—A Case Study on University Selection for Admission	Reliability Engineering for Industrial Processes	Book Chapter	2024	Springer Science and Business Media Deutschland GmbH
87	Mathematics	Dr. Kuldeep Chaudhary	Considering Multiplicative Noise in a Software Reliability Growth Model Using Stochastic Differential Equation Approach	Reliability Engineering for Industrial Processes	Book Chapter	2024	Springer Science and Business Media Deutschland GmbH
88	Mathematics	Dr Rishu Arora	Future implications and scope	Strategic Fuzzy Extensions and Decision-making Techniques	Book Chapter	2024	CRC Press
89	Mathematics	Dr. Rishu Arora	Fuzzy decision-making: Introduction and features	Strategic Fuzzy Extensions and Decision-making Techniques	Book Chapter	2024	CRC press(Taylor and Francis Group)
90	Mathematics	Dr. Rishu Arora	Power Einstein aggregation operators of intuitionistic fuzzy sets and their application in MADM	Strategic Fuzzy Extensions and Decision-making Techniques	Book Chapter	2024	CRC press(Taylor and Francis Group)
91	Mathematics	Dr. Rishu Arora		Strategic Fuzzy Extensions and Decision-making Techniques	Book	2024	CRC press(Taylor and Francis Group)
92	Physics	Dr. Gaurav Sharma	Study of Structural, Electrical Properties of Double Perovskite Based Composites for Eco-Friendly Hydroelectric Cell Applications	Advanced Functional Materials for Sustainable Environments	Book chapter	2024	Springer
93	Physics	Dr. Gautam Singh	Nanoparticles-Induced Alignment of Nematic Liquid Crystals for Tunable Electro-Optical Devices	Advances in Fabrication and Investigation of Nanomaterials for Industrial Applications	Book Chapter	2024	Springer
94	Physics	Dr. Gaurav Sharma		Advances in Materials Science for Biomaterial Applications	Book	2024	Springer Nature Singapore
95	Physics	Dr Adarsh Kumar	A case review on Chandrayaan-3 landing on moon's surface	Emerging Trends in Scientific Research	Book Chapter	2024	
96	Physics	Dr Surbhi, Dr Shivani A Kumar	Pharmacotherapy Approach of Peptide-Assisted Nanoparticle	Green Synthesis of Nanomaterials: Biological and Environmental Applications	Book Chapter	2024	
97	Physics	Dr u c srivastava		Mathematical Physics	Book	2024	Astha Prakashan
98	Physics	Dr. Ravi Kant Choubey	Characterization Techniques of Polymer Composites	Polymer Composites, Fundamentals and Applications (Springer)	Book Chapter	2024	Springer

99	Physics	Dr. Ravi Kant Choubey	Natural Fibre Reinforced Composites for Industrial Applications	Polymer Composites, Fundamentals and Applications (Springer)	Book Chapter	2024	Springer
100	Physics	Dr. Ravi Kant Choubey	Advanced material for EMI shielding” Advanced Radiation Shielding Materials, Radiation and Radiological Protection		Book Chapter	2024	Elsevier
101	Physics	Dr u c srivastava	Thermophysical Properties of Thorium Selenide (ThSe)		Book Chapter	2024	Shree Publishers & Distributors-New Delhi
102	Physics, Chemistry	Dr. Ravi Kant Choubey, Dr. Deepshikha Gupta	Glass Fiber-Reinforced Polymer Composites	Polymer Composites, Fundamentals and Applications (Springer)	Book Chapter	2024	Springer
103	Chemistry	Dr. Mousumi Sen		Assessment Of Ground Water Quality: A Case Study of Noida Region, India	Book	2023	Omniscryptum.S.R. L.Punblishing Group
104	Chemistry	Prof.Seema Garg	Methodological Investigation of the Band Gap Determination of Solid Semiconductors via UV/Vis Spectroscopy.	Chemphotchem	Book Chapter	2023	Wiley-VCH GmbH
105	Chemistry	Dr. Sunita Rattan, Dr. Prachi Singhal	Carbon-based polymer composites as dielectric materials for energy storage	Dielectric Materials for Energy Storage and Energy Harvesting Devices	Book Chapter	2023	River Publishers
106	Chemistry	Dr. Kumar Rakesh Ranjan	A Methodological Approach of Plant Essential Oils and their Isolated Bioactive Components for Antiviral Activities	Essential Oils: Extraction Methods and Applications	Book Chapter	2023	John Wiley & Sons
107	Chemistry	Dr. Kumar Rakesh Ranjan	Chemical Composition and Methods of Extraction	Essential Oils: Extraction Methods and Applications	Book Chapter	2023	John Wiley & Sons
108	Chemistry	Dr. Kumar Rakesh Ranjan	Essential Oil-Based Biopesticides	Essential Oils: Extraction Methods and Applications	Book Chapter	2023	John Wiley & Sons
109	Chemistry	Dr. Kumar Rakesh Ranjan	Plant Essential Oils and Their Constituents for Therapeutic Benefits	Essential Oils: Extraction Methods and Applications	Book Chapter	2023	John Wiley & Sons
110	Chemistry	Prof.Seema Garg	Fabricating Plant Extract Mediated Silver Doped Bismuth Oxybromide (BiOBr-G-Ag) Photocatalyst for WastewaterTreatment.	Macromolecular Symposia	Book Chapter	2023	Willey Interscience

111	Chemistry	Dr. Sheenam Thatai	Recent Progress in Biomedical Applications of Metal Oxide Photocatalysts	Photocatalysis for Environmental Remediation and Energy Production: Recent Advances and Applications	Book Chapter	2023	Elsevier
112	Chemistry	Dr. Maumita Das Mukherjee	Chapter Name: Essential Oil-Based Biopesticides Book Name: Essential Oils: Extraction Methods and Applications (Wiley-Scrivener, USA) ISBN 9781119829355 https://www.pubmatch.com/book/358865.html		Book Chapter	2023	
113	Chemistry	Dr. Maumita Das Mukherjee	Nanobiotechnology for Live stock Industry- Chapter Name: Role of nanobiotechnology in maintaining a hygienic environment for the livestock		Book Chapter	2023	
114	Mathematics	Dr. Surbhi Gupta	Smart Waste Management System Using a Convolutional Neural Network Model	Big Data, Cloud Computing and IoT: Tools and Applications	Book Chapter	2023	CRC press(Taylor and Francis Group)
115	Mathematics	Dr.Sumit Kaur Bhatia	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).	Book Chapter	2023	River Publishers
116	Physics	Dr Gaurav Sharma, Dr Rohit Verma	Antiviral Biopolymers for Food Packaging Applications	Nanotechnology Platforms for Antiviral Challenges	Book Chapter	2023	CRC Press, Taylor & Francis
117	Physics	Dr Surbhi	Structural and Optical Properties of Chalcogenide WS2 Thin Film	Recent Advances in Functional Materials and Devices	Book Chapter	2023	Springer
118	Physics	Dr Gaurav Sharma, Dr Rohit Verma	Carbon Footprint Analysis of Green Composites	Sustainability of Green and Eco-friendly Composites	Book Chapter	2023	CRC Press, Taylor & Francis
119	Physics	Dr Shivani, Dr Rohit Verma, Dr Gaurav Sharma	Life Cycle Assessment of Eco-Friendly Composites	Sustainability of Green and Eco-friendly Composites	Book Chapter	2023	CRC Press, Taylor & Francis
120	Physics	Dr Rohit Verma, Dr Gaurav Sharma	Sustainable Green Composites for Packaging Applications	Sustainability of Green and Eco-friendly Composites	Book Chapter	2023	CRC Press, Taylor & Francis
121	Chemistry	Dr. Deepshikha Gupta	Ethnic foods and concentrates: Its role in health protection	Herbal Medicines A Boon for Healthy Human Life	Book Chapter	2022	Elsevier- Academic Press

122	Chemistry	Prof.Seema Garg	A review on recent progressions of Bismuth ferrite modified morphologies as an effective photocatalyst to curb water and air pollution	Inorganic Chemistry Communications	Book Chapter	2022	Elsevier
123	Chemistry	Prof.Seema Garg	Advances in the strategies for enhancing the photocatalytic activity of TiO ₂ : Conversion from UV-light active to visible-light active photocatalyst	Inorganic Chemistry Communications	Book Chapter	2022	Elsevier
124	Chemistry	Prof.Seema Garg	Visible LED-light driven photocatalytic degradation of organochlorine pesticides (2,4-D & 2,4-DP) by Curcuma longa mediated bismuth vanadate	Journal of Cleaner Production	Book Chapter	2022	Elsevier
125	Chemistry	Dr. Deepshikha Gupta	Engineered Nanoparticle and its Applications in Human Coronavirus (COVID 19) Diseases	Novel Corona Virus (COVID-19) Past, Present and Future	Book Chapter	2022	Uttarakhand State Council for Science and Technology (UCOST)
126	Mathematics	Dr. Vijay Kumar		Predictive Analytics in System Reliability	Book	2022	Springer
127	Mathematics	Dr. Kuldeep Chaudhary		Study Guide IIT JAM Mathematics	Book	2022	Repro books limited
128	Maths	Dr Jayanti Tripathi 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	Book Chapter	2022	MKSES Publisher (India)
129	Physics	Prof. Suresh Chandra		A Textbook of ELECTRODYNAMICS	Book	2022	ALPHA SCIENCE INTERNATIONAL LIMITED, Oxford, U.K./ Narosa Publishing House Pvt. Ltd., New Delhi
130	Physics	Prof. Suresh Chandra		Beauty of Our Solar System	Book	2022	
131	Physics	DR G N Pandey	Electromagnetic Induction and Electronic devices	Book	Book	2022	Vayu Education of India

132	Physics	DR G N Pandey		Properties of matter, Kinetic Theory and relativity	Book	2022	Vayu Publication of India
133	Physics	DR G N Pandey	Propagation of Microwaves in Magnetized Plasma and Air-Based Ternary Structure	Renewable Energy and Storage Devices for Sustainable Development,	Book Chapter	2022	
134	Physics	Dr Surbhi Mallik		Vibrations and Waves	Book	2022	
135	Physics	Prof. Suresh Chandra	A Textbook of ELECTRODYNAMICS		Book	2022	I.K. International Pvt. Ltd
136	Chemistry	Sheenam Thatai	Green sustainable process for chemical and enviornmental engineering and science	Boremediation of heavy metal polluted enviornments using biosurfactants	Book Chapter	2021	Elsevier
137	Chemistry	Dr.Tejendra Kumar Gupta		Chapter: Role of Graphene and Graphene Derived Materials to Fight with COVID-19. Book: Biotechnology to Combat COVID-19	BOOK	2021	Intechopen
138	Chemistry	Seema Garg	Innovation in Nano-polysaccharides for Eco-sustainability: From Science to Industrial Applications	Environmental applications of ecofriendly nanophotocatalysts: Toward green nanotechnology	Book Chapter	2021	Elsevier
139	Chemistry	Dr Shashi Chawla		MOVE FAST WITH CHEMISTRY (3rd edn.	BOOK	2021	DHANPAT RAI & Co.
140	Mathemati cs	Prof. Mandeep Mittal	“A comparative study of COVID-19 Pandemic in Rajasthan, India”, Mathematical analysis of covid-19 transmission	Mathematical Engineering	Book Chapter	2021	https://doi.org/10.1007/978-981-33-6264-2_5 ,
141	Mathemati cs	Prof. Mandeep Mittal	Compartmental Modelling Approach for Accessing the Role of Non-Pharmaceutical measures in the spread of COVID-19, accepted in the book entitled Mathematical analysis of covid-19 transmission,	Mathematical Engineering	Book Chapter	2021	https://doi.org/10.1007/978-981-33-6264-2_13
142	Mathemati cs	Prof. Mandeep Mittal	Introduction to compartmental models in epidemiology”, Mathematical analysis of covid-19 transmission, Series:	Mathematical Engineering	Book Chapter	2021	https://doi.org/10.1007/978-981-33-6264-2_1
143	Mathemati cs	Dr. Kuldeep Chaudhary	Optimal Promotional Effort and Pricing Policies for a Multiple Item Innovation Diffusion Model involving Fuzzy Parameters	IEOM2021	Book Chapter	2021	IEOM (http://ieomso ciety.org/singapore2021/proceedings/)

144	Mathematics	Dr. Vijay Kumar		Impact of 'COVID-19' on Education and Service Sectors	Book	2021	Springer Singapore
145	Mathematics	Prof. H. D. Arora		Numerical Methods for Engineers and Scientists	Book	2021	S.K. Kataria & Sons
146	Mathematics	Dr. Kuldeep Chaudhary		Study guide IITJAM2021 Mathematics	BOOK	2021	GK Publications Pvt. Ltd.; Third edition (25 August 2020); GK PUBLICATIONS PVT LTD
147	Mathematics	Dr. Divya Agarwal	Algorithms for Intelligent Systems	Study on Optimization of Unreliable Server Queueing Systems: A PSO Based Survey	Book Chapter	2021	Springer Singapore
148	Maths	Mandeep Mittal	Mathematical Engineering	A Comparative Study of COVID-19 Pandemic in Rajasthan, India	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH
149	Maths	Shweta Upadhyaya	International Journal of Industrial and Systems Engineering	A Study on Retrial G-Queues Under Different Scenarios: A Review	Book Chapter	2021	Springer
150	Maths	Dr. Sumit Kaur Bhatia		A Textbook Of Subsidiary Mathematics - I	Book	2021	Himalya Publishers
151	Maths	Mandeep Mittal, Sudipa Chauhan, Sumit Kaur Bhatia	Mathematical Engineering	Compartmental Modelling Approach for Accessing the Role of Non-Pharmaceutical Measures in the Spread of COVID-19	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH
152	Maths	Sumit Kaur Bhatia, Sudipa Chauhan	Trends in Mathematics	Dynamical Behaviour of Dengue: An SIR Epidemic Model	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH
153	Maths	Vijay Kumar	Mathematical Engineering	Impact of 'COVID-19' on Education and Service Sectors	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH
154	Maths	Mandeep Mittal	Mathematical Engineering	Introduction to Compartmental Models in Epidemiology	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH
155	Maths	Shweta Upadhyaya	Trends in Mathematics	Performance Modelling of a Discrete-Time Retrial Queue with Preferred and Impatient Customers, Bernoulli Vacation and Second Optional Service	Book Chapter	2021	Springer Science and Business Media Deutschland GmbH

156	Maths	Kuldeep Chaudhary	Optimal promotional effort and pricing policies for a multiple item innovation diffusion model involving fuzzy parameters		Book	2021	IEOM Society
157	Physics	Satyendra Pratap Singh	Health Informatics and Technological Solutions for Coronavirus (COVID-19)	1. Biomedical Imaging and Sensor Fusion 2. Strategies for Prevention of COVID-19	Book Chapter	2021	CRC Press is an imprint of Taylor & Francis Group, LLC
158	Physics	Dr Surbhi		Physics Lab in Sky	BOOK	2021	New Delhi Publisher
159	Physics	U.C. Srivastava		Theoretical Study of Lattice Dynamical Properties of NaI	Book Chapter	2021	AYUSHMAN PUBLICATION HOUSE NEW DELHI
160	Physics	Satyendra Pratap Singh	Comparative dielectric study of binary mixtures of clove and cinnamon oil		Book Chapter	2021	IOP Publishing Ltd. Temple Circle
161	Chemistry	Dr Christine Jeyaseelan		Chapter: Environmental Impact of Sanitizers and Disinfectants used during COVID-19 Book: Impact of lockdown on Education, Economy & Environment in Ind	Book Chapter	2020	Ideal International E publication PVt Ltd
162	Chemistry	Dr. Manoj Raula, Dr. Tejendra Kumar Gupta, Dr. Sucheta Sengupta		Chapter: Optimization of process, Mechanism and Kinetics study for Photocatalytic oxidation Book: Green Photocatalytic Semiconductors –Recent Achievements and Applications	Book Chapter	2020	Springer International Publishing
163	Chemistry	Dr. Mousumi Sen	Nanocomposite Material	Nanotechnology and the Environment	Book Chapter	2020	IntechOpen Open Access
164	Chemistry	Dr.(Ms)Christine Jeyaseelan	Fabrication Assembly Techniques for K ion batteries	Rechargeable batteries: History, Progress, Applications	Book Chapter	2020	John Wiley and Sons
165	Chemistry	Dr.(Ms)Christine Jeyaseelan	Ni-Cd Batteries	Rechargeable batteries: History, Progress, Applications	Book Chapter	2020	John Wiley & Sons
166	Chemistry	Dr.(Ms)Christine Jeyaseelan	Conducting polymer electrodes for sodium ion batteries	Sodium ion batteries: Materials and Applications	Book Chapter	2020	Materials research foundation
167	Chemistry	Dr. Sunita Rattan,	Chitosan/Nanographiteplatelets (NGP)/Tungsten Trioxide (WO ₃) Nanocomposites for Visible Light Driven Photocatalytic Applications		Book	2020	Springer Nature

168	Chemistry	Dr. Sunita Rattan,	Ciprofloxacin Loaded Chitosan/Alginate/PEO Nanofibers for Their Application in Antimicrobial Wound Dressing		Book	2020	Springer Nature
169	Mathematics	Dr. Anjali Naithani	-	Applied Mathematics for Polytechnics	Book	2020	S. K. Kataria and Sons
170	Mathematics	Dr. Sumit Bhatia	Dynamic Analysis of Prey–Predator Model with Harvesting Prey Under the Effect of Pollution and Disease in Prey Species	Asset Analytics Performance and Safety Management	Book Chapter	2020	Springer Nature
171	Mathematics	Dr. Kuldeep Chaudhary, Dr. Shashank Goel	-	Calculus	Book	2020	Ik International publication
172	Mathematics	Dr. Vandani Verma	Study of Identity- Based Encryption for Cloud Data Security	Decision Analytics Applications in Industry	Book Chapter	2020	Springer
173	Mathematics	Dr. Kuldeep Chaudhary	-	IIT JAM MATHEMATICS 2020	Book	2020	GK Publication
174	Mathematics	Dr. Sudipa Chauhan	Effect of Habitat on Dynamic of Native and Exotic Prey-predator population	Mathematical Analysis II – Optimisation, Differential Equations and Graph Theory	Book Chapter	2020	Springer
175	Mathematics	Dr. Sumit Bhatia	Effect of Habitat on Dynamic of Native and Exotic Prey–Predator Population	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	Book Chapter	2020	Springer
176	Mathematics	Dr. Sumit Bhatia, Dr. Sudipa Chauhan	Effect of Sterile Insect Technique on dynamics of stage structured model under Immigration	Mathematical Analysis II: Optimisation, Differential Equations and Graph Theory	Book Chapter	2020	Springer
177	Mathematics	Dr. Mandeep Mittal	-	Mathematical analysis of COVID-10 transmission	Book	2020	Springer
178	Mathematics	Dr. Sudipa Chauhan	Control of Pest Population by Sterile Insect Technique Considering Logistic Growth With Spatial Spread Invasion and Optimal Production Policies	Mathematical Models of Infectious Diseases and Social Issues	Book Chapter	2020	IGI publisher
179	Mathematics	Dr. Mandeep Mittal	NII	Mathematical Models of Infectious Diseases and Social Issues	Book	2020	-
180	Mathematics	Dr. Anjali Naithani	Mathematics for Life Science I	Mathematics for Life Science I	Book	2020	Himalaya Publishing House

181	Mathematics	Dr. Surbhi Gupta	Mathematics for life sciences I	Mathematics for life sciences I	Book	2020	Himalya publication
182	Mathematics	Dr. Vandani Verma	-	Mathematics for life Sciences-1	Book	2020	-
183	Mathematics	Dr. Mandeep Mittal	-	Optimization and Inventory Management	Book	2020	Springer Nature Singapore Pte Ltd.
184	Mathematics	Dr. Mandeep Mittal	Fuzzy Based Inventory Model with Credit Financing under Learning Process	Optimization and Inventory Management	Book Chapter	2020	Springer Nature Singapore Pte Ltd
185	Mathematics	Dr. Mandeep Mittal	Stock Dependent Inventory Model for Imperfect Items under Permissible Delay in Payments	Optimization and Inventory Management	Book Chapter	2020	Springer Nature Singapore Pte Ltd.
186	Mathematics	Dr. Sudipa Chauhan	Dynamical Analysis of Prey-Predator Model with Harvesting Prey under the effect of pollution and disease in prey species	Performance and Safety Management	Book Chapter	2020	Springer Singapore
187	Mathematics	Dr. Shweta Upadhyaya	Single Vacation Policy for Discrete-Time Retrial Queue with Two Types of Customers	Strategic System Assurance and Business Analytics. Asset Analytics (Performance and Safety Management). Springer, Singapore	Book Chapter	2020	Springer
188	Physics	Dr. Shefali Kanwar		Applied Physics	Book	2020	Variety Publishers
189	Physics	Dr. Shefali Kanwar	-	Concept of Modern Physics	Book	2020	IK International
190	Physics	Dr. Shivani A Kumar	Concepts of Modern Physics	Concepts of Modern Physics	Book	2020	I K International
191	Physics	Dr. Shivani A Kumar	-	Heat and Thermodynamics	Book	2020	I K International
192	Physics	Dr. Shivani A Kumar	-	Nuclear and Particle Physics	Book	2020	I K International
193	Physics	Dr. Pramila Shukla	Nuclear Physics	Nuclear Physics	Book	2020	I. K. International
194	Physics	Prof. Suresh Chandra	-	Numerical Methods and Data Analysis	Book	2020	IK International Publishing House Pvt Ltd. New Delhi
195	Physics	Dr. Pramila Shukla	Review Article on Density Functional Theory	Recent Trends in Materials and Devices	Book Chapter	2020	Springer

196	Chemistry	Dr. Sheenam Thatai	Chapter 13 Supercritical Water Oxidation A Novel Approach to Waste Treatment and Energy Recovery, Book Name: "Environmental Toxicology and Bioremediation"	-	Book Chapter	2019	Discovery Publishing House Pvt. Ltd., New Delhi (India), 2019 Edition
197	Chemistry	Dr. Seema Garg	PHOTOCATALYTIC PERSPECTIVES OF NANOMATERIALS FOR ENVIRONMENTAL PROTECTION	Photocatalysis : Perspective, Mechanism, and Applications	Book Chapter	2019	NOVA
198	Chemistry	Dr. Shashi Chawla	NA	Textbook of Engineering Chemistry	Book	2019	Dhanpat Rai & Co. (P) LTD.
199	Mathematics	Dr. H. D. Arora	-	A textbook of Engineering Mathematics Vol. II	Book	2019	S K Kataria & Sons, Delhi
200	Mathematics	Dr. Mandeep Mittal	-	Inventory Control and Management	Book	2019	Springer (Data Analytics Series)
201	Mathematics	Dr. Vandani Verma	MATHEMATICS FOR LIFESCIENCES-I	MATHEMATICS FOR LIFESCIENCES-I	Book	2019	HIMALAYA PUBLICATION
202	Mathematics	Dr. H. D. Arora	-	Probability and Statistics	Book	2019	S K kataria & Sons
203	Physics	Dr Adarsh Kumar	Book Chapter of Dr Adarsh Kumar, Editor Name: Prof Tanu Jindal, "Atmospheric Electrical Conductivity Measurements During Monsoon Period at a Semi- Urban Tropical Station of Northern India"	-	Book Chapter	2019	Springer
204	Physics	Dr. Deepak Tripathi	Engineering book	-	Book	2019	Vayu Education of India
205	Physics	Prof. Suresh Chandra	-	A textbook of Astronomy and Astrophysics	Book	2019	I.K. International Publishing House Pvt Ltd.
206	Physics	Prof. Suresh Chandra	-	Fundamentals of MECHANICS	Book	2019	IK International Publishing House Pvt Ltd. New Delhi
207	Physics	Dr. Rohit Verma	Challenges and Influencing Factors of Nanoparticles for Photocatalysis: A Classical Approach in Their Synthesis	Photocatalysis : Perspective, Mechanism, and Applications	Book Chapter	2019	Nova Science Publishers Inc., NY, USA

208	Physics	Dr. Jyoti Katyal	Comparative study between different Plasmonic materials and nanostructures for sensor and SERS application	Reviews in Plasmonics 2017	Book Chapter	2019	Springer
209	Physics	Dr. Gautam Singh	-	Special Issue "Liquid Crystal Nanocomposites and Their Photonics Applications"	Book	2019	MDPI, Switzerland
210	Physics	Dr. G.N. Pandey	Dependence of Negative Index Materials on Electric Permittivity and Magnetic Permeability by Effective Medium theory	Ultrasonics and Materials Science for Advanced Technology	Book Chapter	2019	Narosha Publishing House, New Delhi
211	Physics	Dr. G.N. Pandey	Effect of Structure Parameters on Optical Characteristics in One-Dimensional Periodic Structure of GaAs and AlAs Material	Ultrasonics and Materials Science for Advanced Technology,	Book Chapter	2019	by Narosha Publishing House, New Delhi
212	Chemistry	Prof. Sunita Rattan	Book Chapter, Stimuli Responsive Hydrogels through Gamma Radiation Induced Graft Copolymerization of Hydrophilic Monomers onto Polymeric Films: For Biomedical Applications, Advances in Polymers for Biomedical Applications	-	Book Chapter	2018	Nova Science Publishers Inc.
213	Chemistry	Dr. Shashi Chawla	-	Engineering Chemistry as per AICTE Flexible Curricula	Book	2018	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
214	Chemistry	Dr. Vinod Kumar Jain, Dr. Sunita Rattan, Dr. Abhishek Verma	-	Recent Trends in Materials and Devices: Proceedings ICRTMD 2015	Book	2018	Springer, 2018
215	Chemistry	Dr. Shashi Chawla	-	Textbook of Engineering Chemistry for UP, AKTU	Book	2018	Dhanpat Rai & Co. Pvt. Ltd., New Delhi

216	Mathematics	Dr. Mandeep Mittal	Chapter, 'Non- Cooperative Game Theoretic Approach in Supply Chain with Imperfect Quality Items and Credit Financing', Promoting Business Process Improvement through Inventory Control Techniques	-	Book Chapter	2018	IGI-Global, USA, 2018. (SCOPUS)
217	Mathematics	Dr. Mandeep Mittal	Chapter, 'Optimal Ordering Policy with Inventory Classification using Data Mining Techniques', Promoting Business Process Improvement through Inventory Control Techniques	-	Book Chapter	2018	IGI-Global, USA, 2018. (SCOPUS)
218	Mathematics	Dr.Prakriti Rai	NA	Applied Mathematics- I(Matrix Theory and Calculus)	Book	2018	Osbert Publishing House
219	Mathematics	Dr. Kuldeep Chaudhary	Optimal control promotional policy for a new product incorporating repeat purchase in Segmented Market: A control theoretic approach	chapter in "Industrial Engineering"	Book Chapter	2018	Intechopen, London, U.K
220	Mathematics	Dr. Mandeep Mittal	-	Promoting Business Process Improvement through Inventory Control Technique	Book	2018	IGI Global, USA, Scopus
221	Physics	Dr. Rohit Verma	Water Quality Standards, Its Pollution and Treatment Methods	A New Generation Material Graphene: Applications in water Technology	Book Chapter	2018	Springer International Publishing, Switzerland AG
222	Physics	Dr. Devraj Singh	-	Electronic Devices-2nd Edition (For GGSIP University)	Book	2018	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
223	Physics	Dr. Devraj Singh	-	Foundation of Physics [For SBTE, Jharkhand)	Book	2018	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
224	Physics	Prof. Suresh Chandra	-	Textbook of Optics	Book	2018	Ane Bokks Pvt. Ltd., New Delhi

225	Chemistry	Prof. Sunita Rattan	Book Chapter, Formulation & Characterization of Poly (D, L- Lactide-Co- glycolide) Nanoparticles loaded with Achyranthes aspera for Increasing Bioavailability, Advances in Polymer Sciences and Technology	-	Book Chapter	2017	Select Papers from APA 2017
226	Chemistry	Prof. Sunita Rattan	-	Polymer Nanocomposites: Modification through Swift Heavy Ions, Advances in Polymer Sciences and Technology	Book	2017	Select Papers from APA 2017
227	Mathematics	Dr. Sudipa Chauhan	Chapter 24 Dynamics of Sirs Model with Single Time Delay,	Book Name: “Industrial Mathematics and Complex Systems, Industrial and Applied Mathematics”	Book Chapter	2017	Springer Nature Singapore Pte Ltd. 2017 P. Manchanda et al. (eds.)
228	Mathematics	Dr Kuldeep Chaudhary	-	Calculus: An Introduction	Book	2017	I.K. International Publishing House Pvt. Ltd. (to be appeared)
229	Mathematics	Dr Kuldeep Chaudhary	-	Study Guide for IIT JAM: Mathematics	Book	2017	G. K. Publication (to be appeared)
230	Physics	Dr. G.N. Pandey	Design of all- optical logical AND gate based on photonic crystal using T- shaped waveguide	Advances in Optical Science and Engineering	Book Chapter	2017	by Springer Nature Singapore Pvt Ltd
231	Physics	Dr. G.N. Pandey	Enhanced of Photonic Band gap in One- Dimensional Plasma Photonic Crystal with Defect	Advances in Optical Science and Engineering,	Book Chapter	2017	Springer Nature Singapore Pte Ltd.
232	Physics	Dr. G.N. Pandey	Design of 1x4 All Optical Splitter based on 2D Photonic Crystal	Advances in Optical Science and Engineering,,	Book Chapter	2017	Springer Nature Singapore Pte Ltd
233	Physics	Dr. Devraj Singh	-	Electronic Devices & Circuits [For GGSIPU, Delhi)	Book	2017	ALPHA SCIENCE INTERNATIONAL LIMITED, Oxford, U.K./ Narosa Publishing House Pvt. Ltd., New Delhi

234	Physics	Dr. Rohit Verma	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	Recent Trends in Materials and Devices	Book Chapter	2017	Springer International Publishing, Switzerland AG
235	Mathematics	Dr. Mandeep Mittal	Chapter, “Customer Behavior Prediction using K-Means Clustering Algorithm”, Optimal Control and Management Techniques	-	Book Chapter	2016	IGI-Global, USA
236	Mathematics	Dr. Mandeep Mittal	Chapter, “Optimal Inventory Classification using Data Mining Techniques”, Optimal Control and Management Techniques	-	Book Chapter	2016	IGI- Global, USA, 2015
237	Mathematics	Dr Kuldeep Chaudhary	-	GATE Guide 2017: Mathematics	Book	2016	G. K. Publication
238	Mathematics	Dr. Mandeep Mittal	-	Optimal Inventory Control and Management Techniques	Book	2016	IGI Global, USA
239	Mathematics	Dr. Mandeep Mittal	-	Programming in C	Book	2016	Narosa Publication
240	Physics	Dr Homdutt Sharma	-	Applied Physics-1, Edition 1	Book	2016	Cengage Learning
241	Physics	Dr Homdutt Sharma	-	Applied Physics-II, Edition 1	Book	2016	Cengage Learning
242	Physics	Dr. Devraj Singh	-	Introductory Engineering Physics, 2nd Edition (For Punjab Technical University)	Book	2016	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
243	Physics	Dr. Devraj Singh	-	Numerical Problems in Physics, Vol.-II	Book	2016	ALPHA SCIENCE INTERNATIONAL LIMITED, Oxford, U.K./ Narosa Publishing House Pvt. Ltd., New Delhi

244	Physics	Dr. G.N. Pandey	“Optics of Average Zero-n and Bragg's Gaps in a Periodic Metamaterial Structure”	Physics	Book Chapter	2016	Published by Ideal Book Publishers & Distributors, Yamuna Vihar, Delhi- 110053
245	Physics	Dr. Devraj Singh	-	Thermal Physics: Kinetic Theory and Thermodynam ics	Book	2016	ALPHA SCIENCE INTERNATIONAL LIMITED, Oxford, U.K./ Narosa Publishing House Pvt. Ltd., New Delhi
246	Mathemati cs	Dr. Mandeep Mittal	Chapter, “Efficient Ordering Policy for Imperfect-Quality Items Using Association Rule Mining,” in the International book, "Encyclopedia of Information Science and Technology, 3rd Edition"	-	Book Chapter	2015	IGI- Global, USA
247	Mathemati cs	Dr. H.D Arora	-	Mathematics N3: Textbook for Engg. Students of South Arica	Book	2015	S. K. Kataria & Sons, India
248	Physics	Dr. Devraj Singh	-	A Textbook of Engineering Physics(For Kerala Tech. University)	Book	2015	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
249	Physics	Dr. Devraj Singh	-	Applied Optics	Book	2015	PHI Learning Pvt. Ltd, Delhi (www.phindia.com)
250	Physics	Dr. Devraj Singh	-	Engineering Physics, Vol.II- 5th Edn (For GGSIP University, Delhi)	Book	2015	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
251	Physics	Dr. Devraj Singh	-	Fundamentals of Optics- Second Edition	Book	2015	PHI Learning Pvt. Ltd, Delhi (www.phindia.com)

252	Physics	Dr. Devraj Singh	-	Numerical Problems in Physics, Vol.-I	Book	2015	ALPHA SCIENCE INTERNATIONAL LIMITED, Oxford, U.K./ Narosa Publishing House Pvt. Ltd., New Delhi
253	Physics	Dr. Devraj Singh	-	Proceedings of National Conference on Novel Synthesis of Advanced Materials and Their Applications (NSAMA-2015),	Book	2015	Intellectuals Society for Socio-Techno Welfare (ISST), Ghaziabad
254	Chemistry	Dr Sheenam Thatai	-	Core-shell nanocomposites for detection of heavy metal ions from water, Nanocomposites in Wastewater Treatment, page number 191-217	Book	2014	-
255	Chemistry	Dr Sheenam Thatai	-	e of Advanced Materials as Nanosensors in Water Treatment, Biosensors Nanotechnology	Book	2014	-
256	Chemistry	Dr Sheenam Thatai	-	Fabrication, Properties of Nanoshells with Controllable Surface Charge and its Applications, Advanced Biomaterials and Biodevices	Book	2014	-
257	Mathematics	Dr. Mandeep Mittal	Chapter, "Ordering Policy for Imperfect- Quality Deteriorating Items with Initial-Inspection and Allowable Shortage under the Condition of Permissible Delay in Payments" in the International book, "Management Science, Logistics, and Operations Research"	-	Book Chapter	2014	IGI- Global, USA, 2014
258	Mathematics	Dr. H.D Arora	-	Applied Mathematics- II	Book	2014	S. K. Kataria & Sons
259	Mathematics	Dr. H.D Arora	-	Applied Mathematics-I	Book	2014	S. K. Kataria & Sons
260	Mathematics	Dr. Rashmi Singh	-	Demana, precalculus: graphical, numerical, algebraic, Edition 9	Book	2014	Pearson's publication

261	Mathematics	Dr. Sonam Devgan Kaul	-	Fuzzy Set Theory	Book	2014	Himalaya Publishing House
262	Mathematics	Dr. Surbhi Gupta , Dr. Abhilasha Sharma	-	Numerical Analysis	Book	2014	S.K.Kataria & sons
263	Mathematics	Dr. Hari Arora	-	Numerical Analysis and Optimization Technique	Book	2014	Kataria Sons Publication
264	Mathematics	Dr Hari Arora	-	Probability & Statistics, Edition 2, page number 360	Book	2014	S K Kataria & Sons
265	Mathematics	Dr. Hari Arora	-	Probability and Statistics	Book	2014	Kataria Sons Publication
266	Mathematics	Dr. H.D Arora	-	Textbook for polytechnic students	Book	2014	S. K. Kataria & Sons
267	Physics	Dr Homdutt Sharma	-	Ambient Noise Levels after CNG Implementation in Transport Sector in Delhi, page number 262-274	Book	2014	Capital Publishing Company
268	Physics	Dr. Devraj Singh	-	Applied Physics (For Amity University)- Second Edition	Book	2014	University Science Press (An imprint of Laxmi Publications Pvt. Ltd.) New Delhi (www.laxmipublications.com)
269	Physics	Dr Anoop Shukla	-	Applied Physics, Edition 2, page number 558	Book	2014	New Delhi: University Science Press
270	Physics	Dr. Anoop Kumar Shukla	-	Applied Physics: Theory and Experiments, Edition 2	Book	2014	Laxmi Publications Pvt. Ltd
271	Physics	Dr. Devraj Singh	-	Applied Physics: Theory and Experiments (2nd Ed)	Book	2014	University Science Press
272	Physics	Dr. Devraj Singh	-	Circuit Fundamentals and Basic Electronics	Book	2014	I.K. International Pvt. Ltd, Delhi (www.ikbooks.com)
273	Physics	Dr. Devraj Singh	-	Engineering Physics Vol.I- 4th Edn. (For GGSIP University, Delhi)	Book	2014	Dhanpat Rai & Co. Pvt. Ltd., New Delhi

274	Physics	Dr. Devraj Singh	-	Modern Physics for Scientists and Engineers	Book	2014	PHI Learning Pvt. Ltd, Delhi (www.phindia.com)
275	Statistics	Dr. S Biswas	-	Mathematical Statistics- A Text Book, foreign Edition	Book	2014	Alpha Publications oxford UK
276	Chemistry	Dr. Sunita Rattan	-	A Textbook of Engineering Chemistry Paperback	Book	2013	S.K. Kataria & Sons
277	Chemistry	Dr. Sunita Rattan	-	A Textbook of Environmental Studies with Experiments	Book	2013	S.K. Kataria & Sons
278	Mathematics	Dr. Mandeep Mittal	Chapter, "Pricing and Replenishment Policies for Imperfect Quality Deteriorating Items under Inflation and Permissible Delay in Payments" in the International book, "Management Theories and Strategic Practices for Decision Making" , pp. 170-185.DOI: 10.4018/978-1-4666-2473-3.chapter 10	-	Book Chapter	2013	IGI- Global, USA, 2012
279	Mathematics	Dr Hari Arora	-	A textbook of Applied Mathematics – I, Edition 4, page number 400	Book	2013	S K Kataria & Sons
280	Mathematics	Dr Roosel Jain	-	A Textbook of Discrete Mathematics, Edition 3, 413	Book	2013	Tech India Publication Series
281	Mathematics	Dr Anjali Naithani	-	A Textbook of Discrete Mathematics, Edition 3, page number 1-415	Book	2013	Tech. India Publications
282	Mathematics	Dr Hari Arora	-	Differential Equations & Complex Analysis, Edition 4, page number 414	Book	2013	S K Kataria & Sons
283	Mathematics	Dr. H.D Arora	-	Numerical Methods & Optimization	Book	2013	S. K. Kataria & Sons, India
284	Mathematics	Dr Hari Arora	-	Numerical Methods & Optimization, Edition 1, page number 329	Book	2013	S K Kataria & Sons
285	Mathematics	Dr. H.D Arora	-	Probability & Statistics	Book	2013	S. K. Kataria & Sons, India
286	Physics	Dr. Devraj Singh	-	Building Science: Lighting and Acoustics	Book	2013	(www.ikbooks.com)

287	Physics	Dr. Devraj Singh	-	Integrated Engineering Physics 1st Edition (For Gujarat Technological University)	Book	2013	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
288	Physics	Dr. Devraj Singh	-	Mechanics and Wave Motion	Book	2013	I.K. International Pvt. Ltd, Delhi
289	Physics	Dr. Devraj Singh	-	Principles of Engineering Physics, Vol.-II	Book	2013	Second Edition (For Rajasthan Technical University), Dhanpat Rai & Co. Pvt. Ltd., New Delhi
290	Statistics	Dr. S Biswas	-	A Linear Model Approach to Regression Analysis and its Applications	Book	2013	New central Book Agencies(P) Ltd
291	Statistics	Dr. S Biswas	-	Mathematical Statistics- A Text Book	Book	2013	Narosa Publishing House Pvt Ltd
292	Statistics	Prof Suddhendu Biswas	-	Statistics, Edition 2, page number 201	Book	2013	New Central Book Agency
293	Chemistry	Dr Sunita Rattan	-	Engineering Chemistry Edition 7, page number 1-600	Book	2012	Kataria Publications
294	Chemistry	Dr. Christine Jeyaseelan	-	Textbook of Engineering Chemistry	Book	2012	Pragati Prakashan, Meerut
295	Physics	Dr Manjeet Singh	-	13. Handbook of Engineering Physics	Book	2012	Delhi: VAYU Education of India
296	Physics	Dr Manjeet Singh	-	14. Engineering Physics-1, Edition 1	Book	2012	Delhi: Suhavi Publications
297	Physics	Dr Manjeet Singh	-	15. Engineering Physics-II, Edition 2	Book	2012	Delhi: Suhavi Publications
298	Physics	Dr. Devraj Singh	-	Fundamentals of Engineering Physics, Vol-II- 3rd edn. (For Haryana	Book	2012	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
299	Physics	Dr. Devraj Singh	-	Principles of Engineering Physics, Vol.-I- 2nd Edition (For Rajasthan Technical University)	Book	2012	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
300	Physics	Dr. Anoop Shukla	-	Smart Materials: Piezoelectrics in Synthesis, Characterization and Application of Smart Materials, Edition 1	Book	2012	Nova Publishers, USA (At press)

301	Physics	Dr. A K Shukla	-	Smart materials: Piezoelectrics, Synthesis, characterization and application of smart materials Ed. Radheshyam Rai (Aveiro University, Portugal)	Book	2012	Nova Science Publishers (USA)
302	Statistics	Dr Devendra Kumar	-	Moments of Order Statistics and its Application	Book	2012	Germany: LAP LAMBERT Academic Publishing GmbH & Company
303	Statistics	Prof Suddhendu Biswas	-	Text book of Matrix Algebra, Edition 3, page number 444	Book	2012	PHI Learning Private Ltd
304	Chemistry	Dr. Sunita Rattan	-	Experiments in Applied Chemistry	Book	2011	S.K. Kataria & Sons
305	Mathematics	Dr. Kuldeep Chaudhary	Dynamic Testing Resource Allocation of modular software system for Exponential SRGM	Chapter in Mathematical Modelling, Optimization and their Applications	Book Chapter	2011	Narosa Publication house
306	Physics	Dr. Devraj Singh	-	Fundamentals of Engineering Physics, Vol-I- 2nd Edn (For Haryana)	Book	2011	Dhanpat Rai & Co. Pvt. Ltd., New Delhi
307	Chemistry	Dr. Sunita Rattan	-	Theory & Practicals of Engineering Chemistry	Book	2010	S.K. Kataria & Sons
308	Mathematics	Dr. Kuldeep Chaudhary	Optimal Testing Effort Allocation for Modular Software System: A Control Theoretic	chapter in Advances in Information Theory and Operations Research: Interdisciplinary Trends	Book Chapter	2010	VDM VerlagDr. Muller GmbH & Co, Germany
309	Physics	Dr. Devraj Singh	-	Applied Physics	Book	2010	University Science Press, India
310	Mathematics	Dr. H.D Arora	-	A Textbook of Engineering Mathematics Vol. II	Book	2008	S. K. Kataria & Sons, India
311	Mathematics	Dr. H.D Arora	-	A Textbook of Engineering Mathematics Vol. III	Book	2008	S. K. Kataria & Sons, India
312	Mathematics	Dr. H.D Arora	-	A Textbook of Engineering Mathematics Vol. I	Book	2007	S. K. Kataria & Sons, India