

## Engineering & Technology

S. No.	Proposed Book Titles
	<i>Call for Chapters/Editors</i>
	<b>Mechanical Engineering</b>
1	AI in Mechanical Engineering- Revolutionizing Design, Manufacturing, and Automation
2	Smart Manufacturing- Leveraging IoT and Automation in Mechanical Engineering
3	Additive Manufacturing and 3D Printing- Transforming Mechanical Engineering
4	The Future of Robotics in Mechanical Engineering- Automation, Design, and Control
5	Advanced Thermodynamics- Innovations in Heat Transfer and Energy Systems
6	Mechatronics and Robotics- Integrating Control Systems into Mechanical Engineering
7	Sustainable Engineering in Mechanical Systems- Green Technologies and Innovations
8	Smart Materials in Mechanical Engineering- Design, Applications, and Innovations
9	Fluid Dynamics and Computational Methods- Cutting-Edge Approaches in Mechanical Engineering
10	Artificial Intelligence for Mechanical Design- Optimizing Structures and Systems
11	Nanotechnology in Mechanical Engineering- Advancements and Applications in Materials
12	Precision Engineering- Innovations in Machine Design and Manufacturing Processes
13	Control Systems and Automation in Mechanical Engineering- Techniques and Applications
14	Advanced Manufacturing Technologies- The Role of Robotics and Automation in Mechanical Engineering
15	Sustainable Mechanical Design- Green Practices and Technologies in Engineering
16	Mechanical Engineering in the Age of Industry 4.0- Digital Transformation of Design and Production
17	Structural Mechanics and Simulation- Innovations in Stress Analysis and Material Modeling
18	Energy Systems Engineering- Sustainable and Efficient Solutions for the Modern World
19	High-Performance Materials in Mechanical Engineering- Advances in Design and Manufacturing
20	Automated Systems and Robotics- Advancing the Future of Mechanical Engineering
21	Next-Generation Fluid Mechanics- Computational Approaches and Industrial Applications
22	Cognitive Engineering in Mechanical Design- Integrating AI for Smarter Systems
23	Mechanical Engineering for Renewable Energy- Sustainable Design and Technologies
24	Finite Element Analysis- Advanced Simulation and Modeling Techniques in Mechanical Engineering
25	Mechanical Vibration Analysis- Modern Techniques and Applications
	<b>Electrical Engineering</b>
26	Smart Power Grids- Leveraging IoT and AI for the Future of Energy Distribution
27	The Future of Electrical Engineering- Exploring Renewable Energy Integration and Smart Grid Technologies
28	Advanced Circuit Design- Innovations in Low-Power and High-Efficiency Systems
29	Electric Vehicles and Sustainable Power Systems- The Role of Electrical Engineering in the Green Revolution
30	Power Electronics- Cutting-Edge Technologies in Energy Conversion and Storage
31	5G Networks and Beyond- Electrical Engineering for Next-Generation Communication Systems
32	Electricity for the 21st Century- Innovations in Power Generation, Transmission, and Distribution
33	Automation and Control Systems in Electrical Engineering- Principles and Applications
34	Modern Electrical Machines and Drives- Technologies for Industry 4.0
35	Microgrid Technologies- Design, Operation, and Integration for Smart Communities
36	High-Voltage Engineering- Ensuring Safety and Efficiency in Power Transmission
37	Wireless Power Transfer- The Future of Charging Technologies and Electrical Systems
38	Renewable Energy Systems in Electrical Engineering- Design, Implementation, and Challenges
39	Smart Homes and Buildings- Electrical Engineering Solutions for Sustainable Living
40	Electrical Engineering in the Digital Age- The Role of AI and Machine Learning in Power Systems
41	Energy Storage Solutions- Transforming Electrical Systems for a Sustainable Future
42	Electromagnetic Fields and Waves- A Modern Approach for Engineers
43	Electrical Engineering for Electric Aircraft- Power Systems for the Next Generation of Flight

44	Photovoltaic Systems- Design, Installation, and Optimization for Clean Energy
45	Power System Stability and Control- Advanced Techniques for Modern Grids
46	Internet of Things (IoT) in Electrical Engineering- Enabling Smart Devices and Infrastructure
47	Electrical Engineering for Sustainable Development- Harnessing Technology for a Green Future
48	Control Systems for Electrical Engineering- From Theory to Practical Applications
49	Nanoelectronics and Electrical Engineering- The Next Frontier in Miniaturized Power Systems
50	Electrical Engineering for the Internet of Things (IoT)- Powering the Connected Future
	<b>Civil Engineering</b>
51	Smart Civil Infrastructure- Integrating IoT and AI in Structural Systems
52	Civil Engineering 4.0- Innovations in Digital Construction and Smart Cities
53	AI in Civil Engineering- Predictive Models for Structural Safety and Design
54	Green and Sustainable Construction- Civil Engineering for the Future
55	Building Information Modeling (BIM) in Modern Civil Engineering
56	Advanced Materials for Civil Engineers- Nanotechnology and Beyond
57	Geospatial Technologies in Civil Engineering- GIS, Drones, and Remote Sensing
58	Machine Learning Applications in Civil and Structural Engineering
59	Resilient Infrastructure- Engineering for Climate Change and Natural Disasters
60	Digital Twins in Civil Engineering- Real-Time Monitoring and Control
61	3D Printing in Construction- The Future of Civil Engineering Structures
62	Automation and Robotics in Construction Management
63	Sustainable Urban Design- Civil Engineering Strategies for Smart Cities
64	Internet of Things (IoT) in Civil Engineering- Sensors and Smart Monitoring
65	Cyber-Physical Systems in Civil Infrastructure
66	Cloud-Based Civil Engineering- Collaborative Design and Project Management
67	Augmented Reality and Virtual Reality in Civil Engineering Projects
68	Digital Surveying Techniques- From LiDAR to Drone-Based Mapping
69	Water Resource Engineering in the Age of AI and Smart Systems
70	Next-Gen Civil Engineering- Sustainable, Smart, and Scalable Solutions
	<b>Chemical Engineering</b>
71	Smart Reactors- Integrating AI and IoT in Chemical Process Engineering
72	Chemical Engineering in the Age of Sustainability- Green Technologies and Innovations
73	Advanced Process Control in Chemical Engineering- From PID to Predictive Systems
74	AI-Driven Chemical Process Optimization- Algorithms for Smarter Manufacturing
75	Nanotechnology in Chemical Engineering- Applications in Catalysis and Drug Delivery
76	Digital Twin Technology in Chemical Plants- Simulation, Monitoring, and Control
77	Renewable Feedstocks and Bio-based Chemicals- The Future of Chemical Manufacturing
78	Big Data Analytics in Chemical Engineering- Enhancing Process Efficiency
79	Machine Learning Applications in Reaction Engineering and Kinetics
80	Advanced Separation Processes- Membranes, Adsorption, and Hybrid Technologies
81	Sustainable Energy Systems- Hydrogen, Biofuels, and Chemical Conversion
82	Carbon Capture and Utilization- Chemical Engineering Approaches to Climate Solutions
83	Chemical Plant 4.0- Automation, Safety, and Cyber-Physical Systems
84	Process Intensification Techniques- Redefining Efficiency in Chemical Plants
85	Materials Engineering in the Chemical Industry- Nanomaterials and Smart Polymers
86	Chemical Engineering for the Circular Economy- Waste Valorization and Recycling
87	AI for Chemical Product Design- Predictive Models for Material Properties
88	Smart Sensors in Chemical Engineering- Real-Time Monitoring and Predictive Maintenance
89	IoT-Enabled Chemical Factories- The Future of Digital Process Industries
90	Pharmaceutical Process Engineering- Automation and AI in Drug Manufacturing
	<b>Aerospace Engineering</b>
91	Next-Gen Aerospace Systems- AI and Autonomous Technologies in Aviation
92	Hypersonic Flight and Propulsion- Engineering the Future of Speed
93	Smart Avionics- Integrating AI and IoT in Aerospace Systems
94	Sustainable Aerospace Engineering- Green Technologies for Cleaner Skies

95	Satellite Engineering and Mega-Constellations- Building the Modern Space Infrastructure
96	Aerospace 4.0- Digital Twin, Simulation, and Automation in Aircraft Design
97	Electric and Hybrid Propulsion in Aircraft- Towards Zero-Emission Aviation
98	Spacecraft Autonomy and AI- Intelligent Systems for Deep Space Missions
99	Urban Air Mobility and eVTOL Systems- Engineering the Flying Future
100	Additive Manufacturing in Aerospace- 3D Printing the Skies
101	Reusable Launch Systems- Revolutionizing Space Transportation
102	Advanced Aerodynamics- CFD and AI in Modern Aircraft Design
103	Quantum Navigation and Communications in Aerospace Systems
104	Cybersecurity in Aerospace- Protecting Aircraft and Space Missions
105	Mars and Beyond- Engineering for Interplanetary Space Missions
106	Artificial Intelligence in Aerospace Engineering- From Design to Mission Control
107	AI-Driven Space Robotics- Engineering Autonomous Rovers and Orbiters
108	Human-Centered Aerospace Systems- Ergonomics and Safety in Flight Design
109	Low-Earth Orbit Technologies- Satellites, Debris Mitigation, and Beyond
	<b>Biomedical Engineering</b>
110	Next-Gen Biomedical Engineering- Innovations in AI, Wearables, and Regenerative Medicine
111	Smart Implants and Bioelectronics- The Future of Biomedical Devices
112	AI-Driven Biomedical Engineering- Applications in Diagnosis and Therapeutics
113	Biomedical Sensors and IoT in Healthcare- From Wearables to Smart Hospitals
114	3D Printing in Biomedical Engineering- From Prosthetics to Organ Fabrication
115	Neural Engineering and Brain-Machine Interfaces- Merging Mind with Machine
116	Digital Twins in Healthcare- A Biomedical Engineering Perspective
117	Nanotechnology in Biomedical Engineering- Diagnostics and Targeted Drug Delivery
118	Bioinformatics and Machine Learning- Unlocking the Human Genome
119	Advanced Biomaterials for Tissue Engineering and Regenerative Medicine
120	Biomedical Engineering in the Age of Personalized Medicine
121	Cyber-Physical Systems in Healthcare- The Role of Biomedical Engineers
122	Biosignal Processing with AI- Innovations in Monitoring and Analysis
123	Telemedicine Technologies- Biomedical Innovations for Remote Healthcare
124	The Rise of Biorobotics- Engineering Solutions for Human Augmentation
125	Digital Health Engineering- Merging Technology, Data, and Biology
126	CRISPR and Genetic Engineering- Tools for Biomedical Breakthroughs
127	Ethical Frontiers in Biomedical Engineering and Emerging Technologies
	<b>Environmental Engineering</b>
128	Smart Environmental Engineering- Integrating AI and IoT for Sustainable Solutions
129	Green Infrastructure and Digital Monitoring in Environmental Engineering
130	Advanced Wastewater Treatment- Technologies for the 21st Century
131	Environmental Engineering with GIS and Remote Sensing Applications
132	AI-Powered Environmental Monitoring- From Data to Decisions
133	Renewable Energy and Environmental Systems- Engineering the Green Future
134	Circular Economy in Environmental Engineering- Technologies and Practices
135	Climate-Resilient Engineering- Designing for a Sustainable Planet
136	Nano-Engineering for Environmental Remediation
137	Advanced Air Quality Control- Technologies and Innovations
138	IoT in Environmental Engineering- Real-Time Systems for Eco-Monitoring
139	Sustainable Water Resource Engineering in the Age of Climate Change
140	Bioremediation Technologies in Modern Environmental Engineering
141	Green Building Technologies and Environmental Impact Engineering
142	Environmental Sensors and Smart Networks- Engineering Applications
143	Digital Twins in Environmental Infrastructure Systems
144	Engineering Solutions for Plastic Waste and Ocean Cleanup
145	Machine Learning in Environmental Impact Assessments
146	Carbon Capture and Storage- Engineering Technologies for Climate Control
147	Hydrogen Economy and Environmental Engineering- Clean Energy Innovations

	<b>Robotics</b>
148	The Future of Robotics- Harnessing AI, Automation, and IoT for Intelligent Machines
149	Robotics Revolution- Advancements in Autonomous Systems and Smart Technologies
150	AI-Powered Robotics- Transforming Industries with Automation and Machine Learning
151	Robotics in Industry 4.0- Smart Manufacturing, Automation, and the Future of Work
152	Collaborative Robots (Cobots)- Building Safe and Efficient Human-Robot Interactions
153	Autonomous Robots- From Theory to Practice in AI-Driven Robotics
154	The Robot Revolution- How Robotics and AI Are Changing Healthcare, Manufacturing, and More
155	Robotics for a Smarter World- Cutting-Edge Technologies and Applications
156	Industrial Robotics- Innovations in Automation for the Modern Factory
157	Swarm Robotics- Harnessing Collective Intelligence for Complex Problem Solving
158	Robotic Process Automation (RPA)- Transforming Business with Intelligent Automation
159	Exploring Robotics- From Self-Driving Cars to Surgical Robots
160	Robotics in Education- Shaping the Future of Learning with Automation
161	Human-Robot Interaction- Designing Collaborative Systems for a Seamless Future
162	Robotics for Social Good- Using Automation to Solve Global Challenges
163	The Evolution of Robotics- A Journey from Mechanical Arms to Autonomous Systems
164	Advanced Robotics- Control, Vision, and Machine Learning in Robotics Applications
165	Robotic Systems Design- From Concepts to Real-World Applications
166	Smart Robots in Smart Cities- The Role of Robotics in Urban Development
167	Bioinspired Robotics- Engineering the Future with Nature-Inspired Designs
168	Robotics and Automation in Healthcare- Improving Patient Care with Intelligent Machines
169	Robots in Space- Exploring the Final Frontier with Autonomous Machines
170	Robotics and Ethics- Navigating the Challenges of Autonomous Systems
171	From Concept to Creation- Building and Programming the Robots of Tomorrow
172	The Rise of Robotic Surgery- Transforming Healthcare with Precision Automation
	<b>Nanotechnology</b>
173	Nanotechnology in the Modern Age- Transforming Industries with Tiny Innovations
174	Nanoengineering- Principles, Applications, and Future Trends
175	Nanomaterials for Sustainable Energy Solutions- Harnessing the Power of Nanotechnology
176	Nanoelectronics- Revolutionizing the Future of Computing and Communication
177	Nanomedicine- Emerging Technologies in Healthcare and Diagnostics
178	Nanotechnology in Environmental Protection- A New Frontier in Pollution Management
179	Nano-Bio Interface- Bridging the Gap Between Biology and Nanotechnology
180	Smart Nanomaterials- Innovations in Design and Application
181	Nanostructured Materials- Advancements in Properties and Applications
182	Nanotechnology in Manufacturing- Precision, Efficiency, and Sustainability
183	Nanooptics and Nanophotonics- Advancing the Future of Light-Based Technologies
184	Nanotechnology for Water Purification- Innovations in Clean Water Solutions
185	Nano-based Drug Delivery Systems- Precision Medicine for the 21st Century
186	Nanotechnology in Electronics- Small-Scale Devices for a Big Impact
187	Nanotoxicology- Understanding the Health Impacts of Nanomaterials
188	Nanotechnology and Smart Textiles- Innovations in Wearable Technology
189	Nanotechnology in Agriculture- Enhancing Crop Protection and Food Security
190	Nano-Optoelectronics- Advancements in Photonics and Light Management
191	The Role of Nanotechnology in Renewable Energy- Advancements in Solar Cells and Batteries
192	Nanotechnology in Space Exploration- Materials and Applications for Future Missions
193	Quantum Dots and Nanotubes- Unlocking the Potential of Nano-sized Components
194	Nanotechnology in Drug Discovery- Transforming Pharmaceutical Development
	<b>Materials Science</b>
195	Next-Generation Materials- Harnessing Nanotechnology for Future Technologies
196	Materials Science for Clean Energy- Sustainable Solutions for the Future
197	Smart Materials- Design, Applications, and Emerging Trends
198	Nanomaterials in Engineering- Transforming Manufacturing and Design

199	High-Performance Materials for Advanced Engineering Applications
200	Functional Materials- Unlocking the Potential of Smart and Adaptive Systems
201	Materials Science in Healthcare- Innovations in Biomaterials and Medical Devices
202	The Future of Materials- Quantum Technologies and Their Applications
203	Materials for Energy Storage- From Batteries to Supercapacitors
204	Biomaterials Engineering- Designing Materials for Regenerative Medicine
205	Materials Science in Electronics- From Semiconductors to Quantum Devices
206	Polymers and Composites- Advancements in Materials for Engineering and Industry
207	Carbon Nanomaterials- Properties, Synthesis, and Applications in Industry
208	Material Innovations for Sustainable Architecture and Construction
209	Designing for Durability- Materials Science in Extreme Environments
210	Materials Characterization Techniques- From Microstructure to Macroscale
211	Advanced Ceramics and Metals- The Role of Materials Science in Future Technologies
212	Materials Science in Aerospace Engineering- New Frontiers in High-Performance Materials
213	Revolutionizing Manufacturing with 3D Printing and Advanced Materials
214	Environmental Materials Science- Sustainable Practices for a Greener Future
215	Smart Coatings and Thin Films- Advanced Applications in Materials Science
216	Metals in Modern Industry- Advancements in Alloys and Metallurgy
217	Materials Science in Robotics- Engineering the Future of Smart Machines
218	Nanostructured Materials- Properties, Synthesis, and Emerging Applications
	<b>Energy Systems</b>
219	Energy Storage Solutions- Innovations in Battery and Grid Technologies
220	Decentralized Energy Networks- The Future of Smart Grids and Distributed Power
221	The Rise of Solar Power- Advanced Systems and Applications for Clean Energy
222	Wind and Solar Hybrid Systems- Revolutionizing Renewable Energy Integration
223	Blockchain in Energy Systems- Revolutionizing Power Markets and Grid Management
224	Sustainable Energy Systems- Smart Solutions for Clean and Efficient Power Generation
225	Energy Harvesting Technologies- Converting Ambient Energy into Usable Power
226	Next-Generation Energy Grids- The Role of AI, Machine Learning, and Automation
227	Energy Systems Integration- Connecting Renewables, Storage, and Power Networks
228	Hydrogen Energy Systems- Innovations in Storage, Transport, and Utilization
229	Microgrids- Empowering Localized Renewable Energy Solutions
230	Electrification of Transportation- Revolutionizing Energy Systems with EVs and Charging Infrastructure
231	Digital Twins in Energy Systems- Modeling, Simulation, and Optimization
232	Sustainable Energy Storage- Advanced Technologies for Grid-Scale Energy Solutions
233	Energy Efficiency in Smart Buildings- IoT and AI-Driven Optimization
234	The Future of Nuclear Power- Advanced Reactors and Sustainable Energy Solutions
235	Grid Modernization- Intelligent Solutions for a Resilient and Flexible Energy Network
236	Energy System Optimization- Techniques and Tools for a Green Future
237	Renewable Energy Technologies- New Horizons in Power Generation
238	Geothermal and Ocean Energy- Untapped Potential for a Sustainable Future
239	Energy Management Systems- Optimizing Consumption and Reducing Environmental Impact
240	Artificial Intelligence in Energy Systems- Automation, Efficiency, and Smart Grid Management
241	Carbon Capture and Storage- Integrating New Technologies into Energy Systems