



Sharad Institute of Technology, College of Engineering Yadrav- (Ichalkaranji)
(An Autonomous Institute)

Book / Book Chapter Details
AY: 2024-2025

S N	Department	Name of Authors	Title of Book / Book Chapter	Name of Publisher	Date of publications	ISBN No
1	Automation and Robotics Engineering	G. S. Patel	Basic of time series and forecasting for healthcare (Ch.)- Analysis and forecasting experiment on health care time series (Book)	LPU	Aug 24	978-93-94068-90-4
2	Automation and Robotics Engineering	G. S. Patel	ARMA and ARIMA process for forecasting (Ch.)- Analysis and forecasting experiment on health care time series (Book)	LPU	Aug 24	978-93-94068-90-4
3	Automation and Robotics Engineering	G. S. Patel	Modeling and forecasting of healthcare expenditure using different time series analysis (Ch.)- Analysis and forecasting experiment on health care time series (Book)	LPU	Aug 24	978-93-94068-90-4

4	Automation and Robotics Engineering	Ashish A. Desai, S. N. Khan	Sustainable Wind Energy: Optimizing Hybrid Fiber (Ch.)-Reinforced Polymer (FRP) Materials and Innovative Blade Design for Enhanced Efficiency-IoT Potential for Green Energy Solutions (Book)	Apple Academic Press	Apr 25	9781779520654.00
5	Automation and Robotics Engineering	Ashish A. Desai, G. S. Patel, S. B. Herwade, G. V. Pujari, V. S. Hajare	Commercial Fleet Sustainability: IoT Tracking Progress with Environmental Monitoring (Ch.)-IoT Potential for Green Energy Solutions (Book)	Apple Academic Press	Apr 25	9781779520654.00
6	Automation and Robotics Engineering	Sujit Kumbhar, Sanjay Khot	The Role of Internet of Things (IoT) in Hybrid and Renewable Energy Systems (Ch.) - IoT Potential for Green Energy Solutions	Apple Academic Press	Apr 25	9781779520654.00
7	Automation and Robotics Engineering	Sujit Kumbhar, G. S. Patel, Pratap Singh Chougule, Yogesh	IoT-Enabled Energy Monitoring and Management Systems (Ch.) -IoT Potential for Green Energy Solutions (Book)	Apple Academic Press	Apr 25	9781779520654.00
8	Automation and Robotics Engineering	G. S. Patel	Analysis and forecasting experiment on health care time series (Book)	-Book-	Aug 24	9781003227595.00

9	Electrical Engineering	Dr. Jayanna Kanchikere, Gundhar Arun Chougule, Anurag A Sutar, Chandrashekhar S. Patil	"Simulation Analysis of 200KWp Grid Connected Rooftop Solar Power Plant using PV Watts India"	Tech Press, Delhi(India)	2025	978-93-91697-26-6
10	Computer Science and Engineering	Varsha Jujare	A Comprehensive Review Comparative analysis of Web Services	IGI Global Scientific Publishing Book	45802	9000945960711.00
11	Computer Science and Engineering	Aparna Patil	Enhancing healthcare efficiency through edge computing	IGI Global Scientific Publishing book	SRU, May 25	9000451508936.00
12	Mechanical Engineering	Dr. S. D. Patil	Patil, J.S., Patil, Sagar.D., Sheikh, M.C.	Statistical analysis of the empowerment of women in India	IGI Global Published in July 2024 in SCOPUS	DOI: 10.4018/979-8-3693-2806-4.ch011
13	Mechanical Engineering	Dr. S. D. Patil	Sagar D Patil and P R Hatte	Study of Optimization Techniques Used in Composite Materials for Mechanical Applications	IGI Global	9798370000000.00
14	Mechanical Engineering	Dr. Adik M. Takale	Dr. A. M. Takale	Automation in Keyway detection & Implementing Poka-Yoke technique using PLC & Machine Learning in Laser Printing	IGI Global	

15	Mechanical Engineering	Dr. Vishal Patil	Vishal Patil, Avesahmed Husainy, Paramvir Singh	Challenges in the Integration of Ammonia and Hydrogen as Alternative Fuels in Internal Combustion Engines	In revision	
16	Mechanical Engineering	Mr. Utkal Patil	Mr. Utkal Suresh Patil, M. Muthukannan, A. Krishnakumari, Ramya Maranan, M. Saravanan, R. Rambabu	An Advanced Hybrid Algorithm (haDEPSO) for Engineering Design for Engineering Design Optimization Integrating Novel Strategies for Enhanced Performance	DOI: 10.4018/979-8-3693-3314-3.ch010	DOI: 10.4018/979-8-3693-3314-3.ch010
17	Mechanical Engineering	Mr. A. S. N. Husainy	Mr. A. S. N. Husainy, Dr. S. D. Patil	Implementing smart additive remanufacturing: challenges and strategies		
18	Mechanical Engineering	Mr. A. S. N. Husainy	Mr. A. S. N. Husainy	Enhancing Refrigeration System Performance through Condenser Heat Recovery and Thermal Energy Storage	April 2024	ISBN 9781032878508

19	Mechanical Engineering	Ms. Vidhya S. Patil	Ms. Vidhya S. Patil, Dr.A.M.Takale	Design and Analysis of cylinder head gasket under engine cold Assembly and Cold start condition	Springer	ISSN 2662-3161
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