



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

Book / Book Chapter Details
AY: 2023-2024

S. N.	Department	Name of Authors	Title of Book / Book Chapter	Name of Publisher	Date of publications	ISBN No
1	Automation and Robotics Engineering	Avadhut R Jadhav, Jitendra G Shinde, J Gajendra, Ranjeet S Mithari, Sujit V Kumbhar	Experimental investigation of orientations effect on 70 Watt LED under Natural Convection - Recent Advances in Green Technologies and Sustainable Development, Ed. Mahesh M Bunde, Rekha Nair, Piyusha Somvanshi	CRC Press Taylor and Francis London, New York	Jun 2024	9781003450917
2	Automation and Robotics Engineering	S. M. Ghanvat, A. A. Desai	Image Processing for Wire Arc Additive Manufacturing Control and Monitoring- Futuristic Trends in Mechanical Engineering, Vol 3 Book 4, Part 1, Chapter 5	IIP Series	May 2024	978-93-5747-908-0
3	Automation and Robotics Engineering	Adik M. Takale, G. V. Pujari, P. S. Chougule	Effect of WDEM process parameters on TiNi shape memory alloy - Futuristic Trends in Mechanical Engineering, Vol 3, Book 4, Part 1, Chapter 4	IIP Series	May 2024	978-93-5747-908-0

4	Automation and Robotics Engineering	Deepak Garg, Joel J. P. C. Rodrigues, Suneet Kumar Gupta, Xiaochun Cheng, Pushpender Sarao, Govind Singh Patel	Book- Advanced Computing, 13th International Conference, IACC 2023, Kolhapur, India, Dec 15–16, 2023, Part I, II	Springer	Mar 2024	978-3-031-56700-1
5	Automation and Robotics Engineering	Sujit Kumbhar, Avesahemad Husainy	Book- Development Of Solar Assisted Thermoelectric Refrigeration System	LAP Lambert Academic Publishing	Feb 2024	978-620-7-46515-6
6	Mechanical Engineering	Dr. S. D. Patil	Usage of autodesk fusion 360 software for 3D reconstruction of anatomical structure from the 2D X-ray image	Elsevier	Jan-24	978-0323953832
7	Mechanical Engineering	Dr. S. D. Patil	Empowerment of Women Through Education and Training in Artificial Intelligence	IGI Global	Jan-24	9798369314357-
8	Mechanical Engineering	Dr. S. D. Patil	Statistical Analysis of the Empowerment of Women In India	IGI Global	Jan-24	9798369328064-
9	Mechanical Engineering	Dr. V V Patil	Prediction of Emission Characteristics of Spark Ignition (SI) Engines with Premium Level Gasoline-Ethanol-Alkane Blends Using Machine Learning	Springer Nature Switzerland	Feb-24	978-3-031-56699-7
10	Mechanical Engineering	Dr. V V Patil	Review on Revolutionary and Sustainable Green Hydrogen: A Future Energy Source	Springer Nature Switzerland	Jan-24	2522-8366

11	Mechanical Engineering	ASN Husainy	Applications and scope of nanotechnology in additive manufacturing for healthcare industry	Elsevier	Feb-24	978-0323953832
12	Mechanical Engineering	ASN Husainy	Investigation of Power Consumption of Refrigeration Model and Its Exploratory Data Analysis (EDA) by Using Machine Learning (ML) Algorithm	Springer Nature Switzerland	Mar-24	978-3-031-56699-8
13	Mechanical Engineering	ASN Husainy	Glance on Advancements and Innovations in Green Hydrogen Production Technologies	Springer Nature Switzerland	Jan-24	2522-8366
14	Mechanical Engineering	ASN Husainy	Applications and scope of nanotechnology in additive manufacturing for healthcare industry	Elsevier	Jan-24	978-0323953832
15	Mechanical Engineering	ASN Husainy	Performance improvement of air-conditioning by nanoparticles	Lambert Academic Publication		978-620-7-46617-7
16	Mechanical Engineering	S M Ghanvat	IMAGE PROCESSING FOR WIRE ARC ADDITIVE MANUFACTURING CONTROL AND MONITORING	IIP Series	Feb-24	978-93-6252-036-5
17	Mechanical Engineering	Ms. V S Patil	Design of Cylinder head Gasket	IIP Series	Feb-24	978-93-6252-036-5
18	Civil Engineering	Dr.Pinki Deb	Cold Mix Asphalt Technology, Mix Design and Performance	Eliva Press	March 2024	978-99993-1-630-9

19	Civil Engineering	Ms. S.A.Patil	Construction Planning and Management	Scientific Intenational Publishing House (SHIP)	Feb-2024	978-93-5757-894-3
20	Civil Engineering	Dr.Mosir Shah	Nanomaterials in Pavement Engineering	Lambert Academic Publication	2024	978-620-7-47586-5
21	Civil Engineering	Mr.A.B.Jadhav	Fundamentals of geotech and ground Engineering	Scientific Intenational Publishing House (SHIP)	2024	978-923-6132-740-7
22	Civil Engineering	Mrs. A.D.Ware	Highway Geometry Design	Highway Geometry Design	2024	978-93-6132-206-8
23	Electrical Engineering	Kaustabh Shedbalkar	Review on Revolutionary and sustainable Green Hydrogen: A Future Energy source	Spinger Nature, Singapore	2024	2522-8366
24	Electrical Engineering	GA Chougule	Self Sustained E-Toilet system using IOT	contemporary perspective on science,Technology and Research	vol 2,2024	978-81-968656-7-2
25	Computer Science and Engineering	Dr.S.B.Gurav	Visual Feature Based Recognition And Segregation System for Industrial Intelligence Using Deep Learning and Robotics	Futuristic Trends in AI,IIP Series	April 24	9789362525307

26	Electronics & Computer Science Engineering	Shital V. Sokashe Ghorpade	" Texture feature Extraction using Local Optimal Oriented Pattern " in advanced computing. Publisher Springer Nature Switzerland.	advanced computing. Publisher Springer Nature Switzerland.		978-3-031-56699-8 (ISBN) 978-3-031-56700-1(ISSN)
27	Electronics & Computer Science Engineering	Dr Sachin S Gurav	Self Sustained E-Toilet system using IOT	Contemporary Perspective on Science, Technology and Research Vol. 2	Dec 2023	978-81-968656-7-2 (eBook)
30	Electronics & Computer Science Engineering	Dr. Amit J. Chinchawade	Implementation of Edge Computing Paradigm in IOT Technology	IIP Series: Futuristic Trends in IOT	2023	978-93-5747-531-0