



**SRI SIVASUBRAMANIYA NADAR COLLEGE OF
ENGINEERING**

(An Autonomous Institution)
Kalavakkam – 603 110

SELF STUDY REPORT

3.4.4 Number of books and chapters in edited
volumes published per teacher during the last five
years

Submitted to

The National Assessment and Accreditation Council

February 2024

3.4.4 Number of books and chapters in edited volumes published per teacher during the last five years

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
2018-19							
1	Abirami G, Karthie S	International Conference on Computer Networks and Communication Technologies, Lecture Notes on Data Engineering and Communications Technologies	Design of Fractal-Based Dual-Mode Microstrip Bandpass Filter for Wireless Communication Systems	2018	978-981-10-8681-6	Yes	Springer
2	Edna Elizabeth N, Gowthaman TK, Joannes Sam Mertens J, Likhitta Dugar P	Microelectronics, Electromagnetics and Telecommunications,	Intelligent Counter System for Generating Attendance	2018	978-981-10-7328-1	Yes	Springer
3	R. Subhashini, N Venkateswaran, S. Bharath	Computational Signal Processing and Analysis Engineering	Semi Blind Hyperspectral Unmixing using Non-negative Matrix factorization	2018	978-981-13-4131-1	Yes	Springer
4	S. Sakthivel Murugan	Communication theory	Communication theory	2018	978-9353164690	Yes	McGraw Hill
5	S. Sasirekha & S. Suganya, S. Swamynathan	Advances in Electronics, Communication and Computing	An ECC-Based Algorithm to Handle Secure Communication Between Heterogeneous IoT Devices.	2018	978-981-10-4765-7	Yes	Springer
6	Karthika, S., Geetha, R.	Innovations in Computer Science and Engineering	Communalizer—Underst anding Life Cycle of Community in Social Networks.	2018	978-981-10-8201-6	Yes	Springer
7	Geetha, R., Suthanthira Devi, P., Karthika, S	Information and Communication Technology for Sustainable Development	#BiggBoss—Long-Run Event Detection and Sentiment Mining in Twitter.	2018	978-981-13-7166-0	Yes	Springer
8	Sasirekha, S., Swamynathan, S.	Smart Trends in Information Technology and Computer Communications	A Dual Protocol Stack for Intelligent Traffic Monitoring System	2018	978-981-13-1423-0	Yes	Springer

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
9	Malathy, E.M., Radha, N.	Information and Communication Technology for Competitive Strategies	Video Redundancy Investigation and Cooperative Cache Model in Wireless Network	2018	978-981-13-0586-3	Yes	Springer
10	Malathy, E.M., Muthuswamy, V. (2019)	International Conference on Innovative Computing and Communications	A Comparative Evaluation of QoS-Based Network Selection Between TOPSIS and VIKOR	2018	978-981-13-2354-6	Yes	Springer
11	Radha, N., Shahina, A., Nayeemulla Khan, A.	International Conference on Innovative Computing and Communications	Improving Recognition of Speech System Using Multimodal Approach	2018	978-981-13-2354-6	Yes	Springer
12	Sasirekha, S., Swamynathan, S., Keerthana, S. (	Smart Secure Systems – IoT and Analytics Perspective	A Generic Context-Aware Service Discovery Architecture for IoT Services	2018	978-981-10-7635-0	Yes	Springer
13	D. Thenmozhi, P. Mirunalini, Chandrabose Aravindan	Lecture Notes in Computer Science	Feature Engineering and Characterization of Classifiers for Consumer Health Information Search	2018	978-3-319-73606-8	Yes	Springer
14	D Thenmozhi, Chandrabose Aravindan	Advances in Intelligent Systems and Computing	RCE-OIE: Open Information Extraction Using a Rule-Based Clause Extraction Engine for Semantic Applications	2018	978-981-10-8633-5	Yes	Springer
15	Dr.P.Senthil Kumar	Detox Fashion-Sustainable Chemistry and Wet Processing	Sustainable Wet Processing - An Alternate Source for Detoxifying Supply Chain in Textiles	2018	978-981-10-4875-3	Yes	Springer Publications
16	Dr.P.Senthil Kumar	Detox Fashion-Supply Chain	Toxic Free Supply Chain for Textiles and Clothing	2018	978-981-10-4776-3	Yes	Springer Publications
17	Dr.P.Senthil Kumar	Environmental Contaminants, Energy, Environment, and Sustainability	Eco-Friendly Treatment Strategies for Wastewater Containing DYES and Heavy Metals	2018	978-981-10-7331-1	Yes	Springer Nature, Singapore Pte Ltd.

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
18	Dr.P.Senthil Kumar	Waste Bioremediation - Energy, Environment, and Sustainability	Polycyclic Aromatic Hydrocarbons from Petroleum Industry: Effect on Human Health and Their Biodegradation	2018	978-981-10-7412-7	Yes	Springer Publications
19	Dr.P.Senthil Kumar	Waste Bioremediation - Energy, Environment, and Sustainability	Biomining of Natural Resources	2018	978-981-10-7412-7	Yes	Springer Publications
20	Dr.P.Senthil Kumar	Bioremediation - Applications for Environmental Protection and Management	Evaluation of Next-Generation Sequencing Technologies for Environmental Monitoring in Waste Water Abatement	2018	978-981-10-7412-7	Yes	Springer Publications
21	Dr.P.Senthil Kumar	Bioremediation - Applications for Environmental Protection and Management	Bioremediation of Heavy Metals	2018	978-981-10-7412-7	Yes	Springer Publications
22	Dr.P.Senthil Kumar	Bioremediation - Applications for Environmental Protection and Management	Pesticides Bioremediation	2018	978-981-10-7412-7	Yes	Springer Publications
23	Dr.P.Senthil Kumar	Bioremediation - Applications for Environmental Protection and Management	Biosorption Strategies In The Remediation Of Toxic Pollutants From Contaminated Water Bodies	2018	978-981-10-7412-7	Yes	Springer Publications
24	Dr.P.Senthil Kumar	Life-cycle Assessment of Wastewater Treatment	A biological approach for the removal of pharmaceutical pollutants from wastewater	2018	9781138055179	Yes	CRC Press Taylors and Francis Group
25	Dr.P.Senthil Kumar	Life-cycle Assessment of Wastewater Treatment	Technologies for the treatment of heavy metal contaminated groundwater	2018	9781138055179	Yes	CRC Press Taylors and Francis Group
26	Dr.P.Senthil Kumar	Life-cycle Assessment of Wastewater Treatment	Environmental and health effects due to usage of waste water	2018	9781138055179	Yes	CRC Press Taylors and Francis Group

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27	Dr.P.Senthil Kumar	Bioprocess Engineering for a Green Environment	Application of Biomaterials in Dye Wastewater Treatment	2018	9781138035973	Yes	CRC Press Taylors and Francis Group
28	Dr.P.Senthil Kumar	Sustainable Innovations in Recycled Fibres	Recycled Fibers	2018	978-981-10-8514-7	Yes	Springer Publications
29	Dr.P.Senthil Kumar	Sustainable Innovations in Textile Chemical Processes	Sustainable dyeing techniques	2018	978-981-10-8490-4	Yes	Springer Publications
30	Dr.P.Senthil Kumar	Sustainable Innovations in Textile Chemical Processes	Sustainability in waste water treatment in textile sector	2018	978-981-10-8490-4	Yes	Springer Publications
31	Dr.P.Senthil Kumar	Sustainable Innovations in Textile Chemistry and Dyes	Green chemistry in textiles	2018	978-981-10-8599-4	Yes	Springer Publications
32	Dr.P.Senthil Kumar	Sustainable Innovations in Textiles & Fashion	Laser based apparel production	2018	978-981-10-8590-1	Yes	Springer Publications
33	Dr.P.Senthil Kumar	Sustainable Innovations in Textiles & Fashion	New tools and techniques for measuring sustainability in clothing	2018	978-981-10-8590-1	Yes	Springer Publications
34	Dr.P.Senthil Kumar	Bioprocess Engineering for a Green Environment	Characterization and Optimization Studies on Hydroxyapatite Bioceramic Powder from Waste Eggshells	2018	9781138035973	Yes	CRC Press Taylors and Francis Group
35	Dr.P.Senthil Kumar	Nano Hybrids and Composites	Nanocomposites : Recent Trends and Engineering Applications	2018	978-3-0357-1256-8	Yes	Trans Tech Publications Ltd
36	Dr.P.Senthil Kumar	Advanced Treatment Techniques for Industrial Wastewater	Soil bioremediation techniques	2018	9781522557548	Yes	IGI Global Publishers
37	Dr.P.Senthil Kumar	Advanced Treatment Techniques for Industrial Wastewater	Water pollutants and their removal techniques	2018	9781522557548	Yes	IGI Global Publishers
38	Dr.P.Senthil Kumar	Advanced Treatment Techniques for Industrial Wastewater	Agriculture Pollution	2018	9781522557548	Yes	Materials Research Forum LLC, USA

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
39	Dr.P.Senthil Kumar	Carbonaceous Composite Materials	Fullerenes and their composites	2018	978-1-945291-96-8	Yes	Materials Research Forum LLC, USA
40	Dr.P.Senthil Kumar	Carbonaceous Composite Materials	Biochar and its composites	2018	978-1-945291-96-8	Yes	Materials Research Forum LLC, USA
41	Dr.P.Senthil Kumar	Carbonaceous Composite Materials	Carbon based nanomaterials for energy storage	2018	978-1-945291-96-8	Yes	Materials Research Forum LLC, USA
42	Dr.P.Senthil Kumar	Carbonaceous Composite Materials	Environmental detoxification using carbonaceous composites	2018	978-1-945291-96-8	Yes	Materials Research Forum LLC, USA
43	Dr.P.Senthil Kumar	Detox Fashion- Waste Water Treatment	Sustainable Waste water Treatment Technologies	2018	978-981-10-4779-4	Yes	Springer Publications
44	Dr.R.Anantharaj	Laboratory Unit Operations and Experimental Methods in Chemical Engineering	Evaluation of Solution Thermodynamic Properties of Mixed Ionic Liquids at Different Temperature (293.15 – 343.15) K	2018	978-953-51-6249-0	Yes	Publisher: InTech.
45	Kavitha Anandan	Advances in 3D Printing and Additive Manufacturing Technologies	Analysis of adjacent vertebrae post vertebroplasty	2018	978-981-13-0305-0	Yes	Springer
46	M.Dhanalakshmi	Lecture Notes in Electrical Engineering	Evaluating the Induced Emotions on Physiological Response.	2018	978-981-10-8354-9	Yes	Springer
47	B.Geethanjali	Lecture Notes in Electrical Engineering	Epileptic Seizure Detection from EEG Signals Using Best Feature Subsets Based on Estimation of Mutual Information for Support Vector Machines and Naïve BaYes Classifiers	2018	978-981-10-8354-9	Yes	Springer

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48	L.Suganthi,	Computational Vision and Bio Inspired Computing	Noninvasive Assistive Method to Diagnose Arterial Disease-Takayasu's Arteritis	2018	978-3-319-71767-8	Yes	Springer
49	L.Suganthi,	Computational Vision and Bio Inspired Computing	Computer Aided Diagnosis of Skin Tumours from Dermal Images	2018	978-3-319-71767-8	Yes	Springer
50	N.Padmapriya	Engineering Mathematics-II	Engineering Mathematics-II	2018	978-93-86923-07-3	Yes	Dipti Press (OPC) Pvt. Ltd
51	N.Padmapriya	Complex Functions and Laplace Transforms	Complex Functions and Laplace Transforms	2018	978-93-86923-32-5	Yes	Dipti Press (OPC) Pvt. Ltd
52	Dr. D. Praveen Sam	Technical English: A Workbook	Technical English: A Workbook	2018	978-1-108-68290-9	Yes	Cambridge University Press
53	Dr. D. Praveen Sam	Monsoon: English for Everyone	Monsoon: English for Everyone	2018	978-1-009-18646-9	Yes	Cambridge University Press
54	Leo Raju Antony Amalraj Morais	Multi Agent Systems - Strategies and Applications	Multi-Agent Systems Based Advanced Energy Management of Smart Micro-grid, in Multi Agent Systems - Strategies and Applications	2019	978-1-78984-489-4	Yes	Intechopen
55	R.Seyezhai D.Umarani	Proceedings in Energy - Advances in Energy Research	Reliability Modeling of Multiphase DC-DC Boost Converter	2019	978-981-15-2661-9	Yes	Springer
56	Dr.R.Seyezhai, D.Umarani Dr.R.Sujatha	Lecture notes in Mechanical	Reliability Evaluation of Silicon Carbide (SiC) Boost Converter Using Stochastic Model	2019	978-981-13-9007-4	Yes	Springer
57	Dr. S. Malathy, Dr. R. Ramaprabha	Emerging Trends in Computing and Expert Technology	Shade Resilient Total Cross Tied Configurations to Enhance Energy Yield of Photovoltaic Array Under Partial Shaded Conditions	2019	978-3-030-32149-9	Yes	Springer

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58	T. Divya and R. Ramaprabha	Intelligent Systems and Computer Technology	Comparative Topological Study of Embedded Based Switched Boost Inverter	2019	978-1-64368-102-3	Yes	IOS press E-books
59	Dr. R. Ramaprabha Dr. S. Malathy	Sustainability Modeling in Engineering	Selection of Renewable Energy Sources for a Developing Country Using Analytic Hierarchy Process	2019	978-9813276338	Yes	Nature Publishing Group
60	R. Rajesh (RS/ECE), C. Annadurai (Faculty/ECE), D. Ramkumar (RS/ECE), I. Nelson (Faculty/ECE), I. Jayakaran Amalraj (Faculty/Mathematics),	Lecture notes on Emerging Trends in Computing and Expert Technology	Low Power Device Synchronization Protocol for IPv6 over Low Power Wireless Personal Area Networks (6LoWPAN) in Internet of Things	2019	978-3-030-32149-9	Yes	Springer
61	R. Jansi, R. Amutha, S. Radha	Telemedicine Technologies	Remote Monitoring of Children with Chronic Illness using wearable vest	2019	978-0-12-816948-3	Yes	Academic Press, Elsevier Publishers.
62	G. Padmalaya, E. Manikandan, B. S. Sreeja, S. Radha, P. Senthil Kumar,	Advanced Topological Insulators	Patterned 2D thin films topological insulators for potential plasmonic applications,”	2019	9781119407294	Yes	Wiley-Scrivener Publishing LLC
63	Famila S, Jawahar A	Wireless Communication Networks and Internet of Things	Energy Efficient Based Optimizing Cluster Head Selection by Geometric Based Mechanism and Implementation Using Soft	2019	978-981-10-8663-2	Yes	Springer
64	G. R. Kanagachidambaresan, R. Maheswar, R. Jayaparvathy, Sabu M. Thampi, and V. Mahima	Body Area Network Challenges and Solutions, EAI/Springer Innovations in Communication and Computing	Fail Safe Routing Algorithm for Green Wireless Nano Body Sensor Network (GWNBSN)	2019	978-3-030-00864-2	Yes	Springer

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65	Dr. P. Vijayalakshmi, Prof/ECE, Ms. T. A. Mariya Celin, RS/ECE and Dr. T. Nagarajan, Prof & Head/IT,	Signal and Acoustic Modeling for Speech and Communication Disorders, De Gruyter Series in Speech Technology and Text Mining in Medicine and Healthcare	Selective pole modification-based technique for the analysis and detection of hypernasality	2019	978-1-5015-0241-5	Yes	Walter De Gruyter Inc
66	Maheswar, R., Kanagachidambaresan, G.R., Jayaparavathy, R., Thampi, S.M	Body Area Network Challenges and Solutions	Body Area Network Challenges and Solutions	2019	978-3-030-00865-9	Yes	Springer
67	Dr. Suresh J	Neural Networks for Natural Language Processing	Enhanced Sentiment Classification Using Recurrent Neural Networks	2019	978-1799811619	Yes	IGI Global
68	Dr. D. Thenmozhi	Neural Networks for Natural Language Processing	Deep Learning Approach for Extracting Catch Phrases from Legal Documents	2019	978-1799811619	Yes	IGI Global
69	Lokeswari Venkataramana, Shomona Gracia Jacob, Saraswathi Shanmuganathan and Venkata Vara Prasad Dattuluri	Nature Inspired Computing for Data Science: Studies in Computational Intelligence	Benchmarking Gene Selection Techniques for Prediction of Distinct Carcinoma from Gene Expression Data: A Computational Study	2019	978-3-030-33820-6	Yes	Springer Nature
70	Chamundeswari Arumugam	Crowdsourcing and Probabilistic Decision-Making in Software Engineering: Emerging Research and Opportunities	Agile Team Measurement to Review the Performance in Global Software Development	2019	978-1522596592	Yes	IGI Global
71	Ms. S. Kavitha Mr. V. Balasubramanian	Design and Analysis of Algorithms	Design and Analysis of Algorithms	2019	978-81-938060-7-4	Yes	Magnus Publications
72	Suthanthira Devi, P., Karthika, S., Venugopal, P., Geetha, R.	Information and Communication Technology for Sustainable Development	Veracity Analysis and Prediction in Social Big Data.	2019	978-981-13-7166-0	Yes	Springer

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73	S. Kavitha, S. Mohanavalli and B. Bharathi	IEEE Xplore	Predicting Learning Behaviour of Online Course Learners' using Hybrid Deep Learning Model,	2019	978-1-5386-5968-7	Yes	IEEE
74	Devi, P.S., Geetha, R., Karthika, S. (2020	Computational Intelligence in Data Mining	Trendingtags—Classification & Prediction of Hashtag Popularity Using Twitter Features in Machine Learning Approach Proceedings	2019	978-981-13-8676-3	Yes	Springer
75	S. Swarnalatha, I. Kesavarthini, S. Poornima and N. Sripriya	IEEE Xplore	Med-Recommender System for Predictive Analysis of Hospitals and Doctors	2019	978-1-5386-9471-8	Yes	IEEE
76	A. Beulah, T. Sree Sharmila, T. Kanmani	Emerging Trends in Computing and Expert Technology	Spinal Cord Segmentation in Lumbar MR Images	2019	978-3-030-32150-5	Yes	Springer
77	Poornima, P., Chithra, S.	Sustainable Communication Networks and Application	Optimization of Sensing Time in Cognitive Radio Networks Based on Localization Algorithm	2019	978-3-030-34515-0	Yes	Springer
78	Dr.P.Senthil Kumar	A New Generation Material Graphene: Applications In Water Technology	Bromate formation in drinking water and its control using graphene based materials	2019	978-3-319-75483-3	Yes	Springer Publications
79	Dr.P.Senthil Kumar	A New Generation Material Graphene: Applications In Water Technology	Efficient removal of nitrate and phosphate using graphene nanocomposite	2019	978-3-319-75483-3	Yes	Springer Publications
80	Dr.P.Senthil Kumar	A New Generation Material Graphene: Applications In Water Technology	New analytical approaches for pharmaceutical wastewater treatment using graphene based materials	2019	978-3-319-75483-3	Yes	Springer Publications
81	Dr.P.Senthil Kumar	Water in Textiles & Apparel	Introduction - Water	2019	978-0-08-102633-5	Yes	Elsevier Publications
82	Dr.P.Senthil Kumar	Water in Textiles & Apparel	Water & Textiles	2019	978-0-08-102633-5	Yes	Elsevier Publications

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83	Dr.P.Senthil Kumar	Water in Textiles & Apparel	Water Withdrawal And Conservation- Global Scenario	2019	978-0-08-102633-5	Yes	Elsevier Publications
84	Dr.P.Senthil Kumar	Environmental Water Footprints - Concepts and Case Studies from the Food Sector	Environmental Footprints of Water - Concepts, Tools, Importance And Challenges	2019	978-981-13-2453-6	Yes	Springer Publications
85	Dr.P.Senthil Kumar	Environmental Water Footprints -Agricultural and Consumer Products	Water Footprint of Agricultural Products	2019	978-981-13-2507-6	Yes	Springer Publications
86	Dr.P.Senthil Kumar	Circular Economy in Textiles & Apparel	Sustainable Business Strategies & Circular Economy	2019	978-0-08-102630-4	Yes	Elsevier Publications
87	Dr.P.Senthil Kumar	Circular Economy in Textiles & Apparel	Systems and Models for Circular Economy	2019	978-0-08-102630-4	Yes	Elsevier Publications
88	Dr.P.Senthil Kumar	Circular Economy in Textiles & Apparel	Future for Circular Economy	2019	978-0-08-102630-4	Yes	Elsevier Publications
89	Dr.P.Senthil Kumar	Organic Cotton Is it a sustainable solution	Organic cotton and its environmental impacts	2019	978-981-10-8781-3	Yes	Springer Publications
90	Dr.P.Senthil Kumar	Organic Cotton Is it a sustainable solution	Organic cotton Vs Recycled cotton Vs Sustainable cotton	2019	978-981-10-8781-3	Yes	Springer Publications
91	Dr.P.Senthil Kumar	Energy Footprints of the Food and Textile Sectors	Energy footprints of food products	2019	978-981-13-2955-5	Yes	Springer Publications
92	Dr.P.Senthil Kumar	Energy Footprint : Industrial Case Studies	Energy footprints of textile products	2019	978-981-13-2955-5	Yes	Springer Publications
93	Dr.P.Senthil Kumar	Social Life Cycle Assessment - Case Studies from Agri and Food Sectors	Case Study on Social Life Cycle Assessment of the Dairy Industry	2019	978-981-13-3235-7	Yes	Springer Publications
94	Dr.P.Senthil Kumar	Social Life Cycle Assessment - Case Studies from the Textile and Energy Sectors	Social life cycle assessment of renewable bio-energy products	2019	978-981-13-3232-6	Yes	Springer Publications
95	Dr.P.Senthil Kumar	Advanced Topological Insulators	Patterned 2D Thin Films Topological Insulators for Potential Plasmonic Applications	2019	978-111-94-0731-7	Yes	Scrivener Publishing LLC

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96	Dr.P.Senthil Kumar	Applications of Ion exchange Materials in Chemical, Biomedical and Food Industries	Separation and purification of vitamins: vitamin B1, B2, B6, C, and K1	2019	978-3-030-06081-7	Yes	Springer Publications
97	Dr.P.Senthil Kumar	Applications of Ion exchange Materials in Chemical, Biomedical and Food Industries	Separation and purification of nucleotides, nucleosides, purine and pyrimidine bases by ion exchange	2019	978-3-030-06081-7	Yes	Springer Publications
98	Dr.P.Senthil Kumar	Global Supply Chains in the Pharmaceutical Industry	Product life cycles in pharmaceutical industry	2019	9781522559214	Yes	IGI Global Publishers
99	Dr.P.Senthil Kumar	Global Supply Chains in the Pharmaceutical Industry	Production process in pharmaceutical industry	2019	9781522559214	Yes	IGI Global Publishers
100	Dr.P.Senthil Kumar	Global Supply Chains in the Pharmaceutical Industry	Characteristics/specifics of pharmaceutical supply chains	2019	9781522559214	Yes	IGI Global Publishers
2019-20							
101	Dr.P.Senthil Kumar	Sustainable Agriculture Reviews Sub Title: Date Palm for Food, Medicine and the Environment	Date palm as a healthy food	2019	978-3-030-11344-5	Yes	Springer Publications
102	Dr.P.Senthil Kumar	Sustainable Agriculture Reviews Sub Title: Date Palm for Food, Medicine and the Environment	Biogas production from date palm fruits	2019	978-3-030-11344-5	Yes	Springer Publications
103	Dr.P.Senthil Kumar	Nanomaterials for Solar Cell Applications	Characterization Techniques for Nanomaterials	2019	978-0-12-813337-8	Yes	Elsevier Publications
104	Dr.P.Senthil Kumar	Green Materials for Wastewater Treatment	Treatment of dye containing wastewater using agricultural biomass derived magnetic adsorbents	2019	978-3-030-17723-2	Yes	Springer Publications
105	Dr.P.Senthil Kumar	Thermo-mechanical Properties of Polymer Composites	Ionic polymer metal composites	2019	ISSN: 2296-3642	Yes	Trans Tech Publications Ltd, Switzerland

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106	Dr.P.Senthil Kumar	Thermo-mechanical Properties of Polymer Composites	Carbon nanotube composite	2019	ISSN: 2296-3642	Yes	Trans Tech Publications Ltd, Switzerland
107	Dr.P.Senthil Kumar	Thermo-mechanical Properties of Polymer Composites	Polymer electrolyte membranes	2019	ISSN: 2296-3642	Yes	Trans Tech Publications Ltd, Switzerland
108	Dr.P.Senthil Kumar	Recent Advances in Diffusion and Transport Phenomena of Composite Materials	Diffusion of multiwall carbon nanotubes into industrial polymers	2019	ISSN: 2296-3642	Yes	DiffusTrans Tech Publications Ltd, Switzerland Foundations
109	Dr.K.Sathish Kumar, Dr.B.Chitra	Nanofluids and Their Engineering Applications	Thermophysical properties enhancement using hybrid nanofluids and their synthesis and applications	2019	978-1-1386-0526-8	Yes	CRC Press, Taylor & Francis Group
110	Dr.R.Anantharaj	Advances in Quantum Communication and Information	DFT Study on Interaction of Estrone and Imidazolium-Based Hydrophobic Ionic Liquids	2019	978-1-78985-267-7	Yes	IntechOpen Limited
111	Dhanalakshmi M,	Advances in Intelligent Systems and Computing	Analysis of Left Main Coronary Bifurcation Angle to Detect Stenosis.	2019	978-3-030-16660-1_6	Yes	Springer
112	Mahesh V., Geethanjali B., Subashini R	Lecture Notes on Data Engineering and Communications Technologies	Automated Segmentation and Computation of the Leukocytes Based on Morphological Operator	2019	978-3-030-03146-6	Yes	Springer
113	Dhanalakshmi M.	Advances in Communication, Devices and Networking. Lecture Notes in Electrical Engineering	Outdoor Obstacle Detection Module to Assist Visually Challenged	2019	978-981-13-3450-4	Yes	Springer
114	S. Arun Karthick and L. Suganthi	Lecture Notes in Computational Vision and Biomechanics.	Detection of Sleep Apnea Based on HRV Analysis of ECG Signal	2019	978-3-030-00665-5	Yes	Springer

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115	Dr.J.Vijay	Intelligent Data Analysis for Biomedical Applications	A Medical Image Retrieval System in PACS Environment for Clinical Decision Making	2019	9780128155530	Yes	ScienceDirect
116	Dr.J.Vijay	Lecture Notes in Computational Vision and Biomechanics.	A Study on Comparative Analysis of Automated and Semi automated Segmentation Techniques on Knee Osteoarthritis X-Ray Radiographs,	2019	978-3-030-00665-5	Yes	Springer
117	P. Sangeetha, R. Senthil, P. Naveen Kumar	Lecture Notes in Mechanical Engineering	Influence of Design Parameters on composite and Non composite Space Truss Structure Analyzed Using ANSYS	2019	ISSN 2195-4356	Yes	Springer
118	Srinath Rajagopalan,P. Sreehari, B. Mahalingam, Mohammed Haneefa	Lecture Notes in Mechanical Engineering	On mechanical and Thermal Properties of concretes with rubber as partial replacement to well-graded conventional aggregates	2019	ISSN 2195-4356	Yes	Springer
119	B. Mahalingam, Srinath Rajagopalan,P. Sreehari, S. Ramanagopal, Mohammed Haneefa	Lecture Notes in Mechanical Engineering	Mechanical characterization and robustness of self-compacting concrete with quarry dust waste and class- F Fly ash as fillers	2019	ISSN 2195-4356	Yes	Springer
120	Sivapriya S V, Sundravadevelu. R, Gandhi S R	Lecture notes in Civil Engineering	Design of piles for a berthing structure on artificial slope	2019	ISSN: 2366-2566	Yes	Springer
121	G. Kalpana, C. Kalaivani, S. Yugesh	Mathematical Analysis and Computing	Mathematical Analysis and Computing	2019	978-981-33-4645-1	Yes	Springer, Singapore
122	B. Praba, A. Manimaran, V. M. Chandrasekaran and B. Davvaz	Advances in Algebra and Analysis, Trends in Mathematics	Cozero Divisor Graph of a Commutative Rough Semiring	2019	978-3-030-01119-2	Yes	Springer Book Series

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
123	G. Deepa, B. Praba, V.M. Chandrasekaran, K. Rajakumar and Krishnamoorthy Venkatesan	Intelligent Pervasive Computing Systems for Smarter Healthcare	Bounds of Spreading Rate of Virus for a Network Through an Intuitionistic Fuzzy Graph	2019	978-1-119-43901-1	Yes	John Wiley & Sons Inc. Book Series
124	B. Praba, G. Deepa, V. M. Chandrasekaran, Krishnamoorthy Venkatesan and K. Rajakumar	Advances in Algebra and Analysis, Trends in Mathematics	Bounds of Extreme Energy of an Intuitionistic Fuzzy Directed Graph	2019	978-3-030-01119-2	Yes	Springer Book Series
125	S. Yugesh	Recent Developments in Mathematical Analysis and Computing	Recent Developments in Mathematical Analysis and Computing	2019	978-07-35418-25-7	Yes	AIP Publishing
126	Dr. D. Praveen Sam	Introduction to Design Thinking	Introduction to Design Thinking	2019	978-93-5316-640-3	Yes	McGraw-Hill
127	Archana C, K. Usha	Lecture Notes in Electrical Engineering	Optimization of Electric Field Distribution along a 400kV Composite insulator	2020	978-981-15-7245-6_13	Yes	Springer
128	Divya, R. Ramaprabha	Advances in Smart Grid Technology. Lecture Notes in Electrical Engineering	Mathematical Modelling of Embedded Switched-Inductor Z-Source Inverter for Photovoltaic Energy Conversion	2020	978-981-15-7245-6_13	Yes	Springer
129	R. Ramaprabha, S. Malathy	Advances in Smart Grid Technology. Lecture Notes in Electrical Engineering	Hybrid Algorithms to Track Peak Power in Solar PV Array under All Irradiation Conditions version	2020	978-981-15-7245-6_14	Yes	Springer
130	M. Pandikumar, R. Ramaprabha	Advances in Smart Grid Technology. Lecture Notes in Electrical Engineering	Financial Analysis of Diesel and Solar Photovoltaic Water Pumping Systems	2020	978-981-15-7245-6_15	Yes	Springer
131	Senthilkumar Nikhitha (Student – UG), Younus Zohra Noori Mohsina (Student – UG), V. Sneha (Student – UG), Santhanam Sakthivel Murugan (Faculty – ECE)	Advances in Intelligent Systems and Computing	Development of Smart Electricity Energy Management System Using IoT,	2020	978-981-15-5028-7	Yes	Springer

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132	Annadanam Subbarathinam Shashank Karrthikeyaa, Ramakrishnan Priyadarshini, Gunasekaran Revathi, Santhanam Sakthivel Murugan	Advances in Intelligent Systems and Computing	Design and Implementation of Secured Cloud-Based Remote Home Access Through an Application for Smart Infrastructure	2020	978-981-15-5028-7	Yes	Springer
133	M. J. Anitha, RS, R. Hemalatha, Asso. Prof., Dr. S. Radha,	Advances in Smart System Technologies. Advances in Intelligent Systems and Computing	A Survey on Crack Detection Algorithms for Concrete Structures	2020	978-981-15-5029-4	Yes	Springer
134	P. Kaythry, A. Madhan, Raj Kumar	Springer's Lecture notes in Mechanical Engineering	Study of statistical distribution and morphology of particle in polymer matrix using Foldscope imaging technique	2020	978-981-15-4744-7	Yes	Springer
135	R. Kishore, K. Kumar	Cognitive Data Science in Sustainable Computing	Exploring the possibilities of security and privacy issues in healthcare IoT	2020	9780128211878	Yes	Academic Press, Elsevier Publishers.
136	P. Vijayalakshmi, M. Dhanalakshmi, T. Nagarajan	Voice technologies for speech reconstruction and enhancement,	Assessment and intelligibility modification for dysarthric speech	2020	978-1-5015-0126-5	Yes	Walter De Gruyter Inc
137	Anand Subramanian, N. Venkateswaran, Prof., W. Jino Hans,	Advances in Machine Learning and Computational Intelligence. Algorithms for Intelligent Systems	Kinect-based Outdoor Navigation for the Visually Challenged using Deep learning,	2020	9789811552427	Yes	Springer
138	Ms. K. Keerthana, (PG-CS 2016-2018 Batch), Dr. S. Aasha Nandhini, RA, Dr. S. Radha	Advances in Ubiquitous Sensing Applications for Healthcare: Compressive Sensing in Healthcare	Cyber Physical Systems for Healthcare Applications using Compressive Sensing	2020	978-0-12-821247-9	Yes	Academic Press, Elsevier Publishers.

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
139	Vallidevi Krishnamurthy, Prasad, D.V.V.	Towards Smart World	Importance of Augmented Reality and Virtual Reality in Our Daily Life	2020	978-1003056751	Yes	Chapman and Hall/CRC
140	Chamundeswari Arumugam	Confluence of AI, Machine, and Deep Learning in Cyber Forensics	Crucial Role of Data Analytics in the Prevention and Detection of CyberSecurity Attacks	2020	978-1799849001	Yes	IGI Global
141	Suresh Jaganathan	Confluence of AI, Machine, and Deep Learning in Cyber Forensics	Use-Case of Blockchain in Cybercrime and Cyberattack	2020	978-1799849001	Yes	IGI Global
142	Mirnalinee, T. T., Bhuvana, J.	Confluence of AI, Machine, and Deep Learning in Cyber Forensics	Deep Learning-Based Malware Detection and Classification.	2020	978-1799849001	Yes	IGI Global
143	T Sree Sharmila, R Srinivasan, K K Nagarajan, S Athithya	Procedia Computer Science	Eye Blink Detection Using Back Ground Subtraction and Gradient-Based Corner Detection for Preventing CVS	2020	1877-0509	Yes	Elsevier
144	S Bobby Stefy Chris, L K Pavithra, R Srinivasan, T Sree Sharmila	Procedia Computer Science	Entropy Analysis on Planar Anamorphic Images	2020	1877-0509	Yes	Elsevier
145	LK Pavithra, T Sree Sharmila,	Procedia Computer Science	Optimized Feature Integration and Minimized Search Space in Content Based Image Retrieval,	2020	1877-0509	Yes	Elsevier
146	R. Priyadharsini, T. Sree Sharmila	Procedia Computer Science	Object Detection In Underwater Acoustic Images Using Edge Based Segmentation Method	2020	1877-0510	Yes	Elsevier
147	Arulkumar, V., Bhalaji, N. (2020).	Lecture Notes in Networks and Systems	Resource Scheduling Algorithms for Cloud Computing Environment: A Literature Survey.	2020	978-981-15-0146-3	Yes	Springer

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148	Narayanan, V.V., Ranjith Kumar, M.V., Saxena, K., Madhavan, P., Bhalaji, N. (2020).	Artificial Intelligence and Evolutionary Computations in Engineering Systems	Modern Parking Business Using Blockchain and Internet of Things (IoT).	2020	978-981-15-0199-9	Yes	Springer
149	S. Vidhusha, A. Kavitha	Innovations, Algorithms, and Applications in Cognitive Informatics and Natural Intelligence	Inter-Hemispherical Investigations on the Functional Connectivity in Controls and Autism Spectrum Using Resting State fMRI	2020	978-1-7998-3038-2	Yes	Semantic Scholar
150	V. Arulkumar, R. Lathamaju	Procedia Computer Science	Start to Finish Automation Achieve on Cloud with Build Channel: By DevOps Method,	2020	1877-0509	Yes	Elsevier
151	N. Radha, A. Shahina, A. Nayeemullakhan	Procedia Computer Science	Visual Speech Recognition using fusion of Motion and Geometric Features	2020	1877-0509	Yes	Elsevier
152	R.Geetha, S.Karthika, S. Mohanavalli,	Advances in Electrical and Computer Technologies,	Tweet Classification Using Deep Learning Approach to Predict Sensitive Personal Data	2020	978-981-15-5558-9	Yes	Springer
153	R.Geetha, S.Karthika	Computational Intelligence in Data Science	Sensitive Keyword Extraction Based on Cyber Keywords and LDA in Twitter to Avoid Regrets	2020	978-3-030-63467-4	Yes	Springer
154	P. SuthanthiraDevi & S. Karthika	Computational Intelligence in Data Science	Social Media Veracity Detection System Using Calibrate Classifier	2020	978-3-030-63467-4	Yes	Springer
155	Dr.P.Senthil Kumar	Biochemical and Environmental Bioprocessing: Challenges and Developments	Biosorption-an elective strategy for wastewater treatment: An eco-friendly approach	2020	978-0-367-18739-2	Yes	Taylor & Francis, CRC Press, USA
156	Dr.P.Senthil Kumar	Modern Treatment Strategies for Marine Pollution	Modern Treatment Strategies for Marine Pollution	2020	978-0128222799	Yes	Elsevier

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157	Dr.K.Sathish Kumar	Enzyme Inhibition Environmental and Biomedical Applications	Enzyme Inhibition Environmental and Biomedical Applications	2020	978-9811460807 2020	Yes	Bentham Books
158	Dr.P.Senthil Kumar	Environmental Footprints of Recycled PolYester	Advancements in Recycled PolYesters	2020	978-981-13-9577-2	Yes	Springer Publications
159	Dr.P.Senthil Kumar	Environmental Footprints of Recycled PolYester	Case Studies on Recycled PolYesters and Different Applications	2020	978-981-13-9577-2	Yes	Springer Publications
160	Dr.P.Senthil Kumar	Refining biomass residues for Sustainable Energy and Bioproducts: Technology, advances, life cycle assessment and economics	Sources and Operations of Waste Biorefineries	2020	9780128189962	Yes	Elsevier Publications
2020-21							
161	Dr.P.Senthil Kumar	Refining biomass residues for Sustainable Energy and Bioproducts: Technology, advances, life cycle assessment and economics	Food Industry Waste Biorefineries	2020	9780128189962	Yes	Elsevier Publications
162	Dr.P.Senthil Kumar	Refining biomass residues for Sustainable Energy and Bioproducts: Technology, advances, life cycle assessment and economics	Solid-Waste Biorefineries	2020	9780128189962	Yes	Elsevier Publications
163	Dr.P.Senthil Kumar	Biovalorisation of Wastes to Renewable Chemicals and Biofuels	Recent trends and challenges in bioleaching technologies	2020	978-0-12-817951-2	Yes	Elsevier Publications
164	Dr.P.Senthil Kumar	Biovalorisation of Wastes to Renewable Chemicals and Biofuels	Membrane separation technologies for downstream processing	2020	978-0-12-817951-2	Yes	Elsevier Publications

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165	Dr.D Balaji, Dr.K.P Gopinath	E-waste Recycling and Management	Sustainable Electronic-Waste Management: Implications on Environmental and Human Health	2020	978-3-030-14183-7	Yes	Springer Publications
166	Dr. K.P Gopinath	E-waste Recycling and Management	Chemical Recycling of Electronic-Waste for Clean Fuel Production	2020	978-3-030-14183-7	Yes	Springer Publications
167	S. Bagyaraj, S. Arun Karthick	In TRENDS IN DEEP LEARNING METHODOLOGIES: Algorithms, Applications, and Systems	Role of the Internet of Things and deep learning for the growth of healthcare technology	2020	9780128222263	Yes	EISEVIER
168	Dr.J.Vijay	Intelligence in Big Data Technologies-Beyond the Hype. Advances in Intelligent Systems and Computing	A Study on Feature Extraction and Classification for Tongue Disease Diagnosis	2020	978-981-15-5285-4	Yes	Springer
169	Dr.J.Vijay	Deep Learning Techniques for Biomedical and Health Informatics	Multimodality medical image retrieval using convolutional neural network	2020	9780128190616	Yes	EISEVIER
170	Dhanalakshmi M,	Voice Technologies for Speech Reconstruction and Enhancement	Assessment and intelligibility modification for dysarthric speech	2020	9781501501265-004	Yes	De Gruyter
171	B Geethanjali,	Innovations, Algorithms, and Applications in Cognitive Informatics and Natural Intelligence Pages	Visualization of Event-Related Changes in Brain Networks During Attention-Demanding Tasks: Visualization of Functional Connectivity During Attention Task Using EEG-	2020	978-1-7998-3038-2	Yes	Publisher IGI Global,
172	Dr.J.Vijay	Deep Learning Techniques for Biomedical and Health Informatics	Multimodality medical image retrieval using convolutional neural network	2020	9780128190616	Yes	EISEVIER

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
173	S. Bagyaraj	Smart Healthcare for Disease Diagnosis and Prevention	Design and development of command prompt assist device for locked in syndrome patients	2020	9780128179130	Yes	EISEVIER
174	P. Sangeetha, R. Vijayalakshmi, Aaditya Jagadeesh, S. Ahalya, K. Deveshwar, & D. Swarna Varshini	Lecture notes in Civil Engineering	Push-Out Tests for Determining the Strength and Stiffness of the Channel Connectors—Experimental Study	2020	ISSN: 2366-2566	Yes	Springer
175	P. Sangeetha, S. Ramanagopal, U. Amrutha, A. Balasubramaniam, V. Madhumitha, & G. Arun	Lecture notes in Civil Engineering	Experimental Study of the Headed Stud Connectors in Composite Structure	2020	ISSN: 2366-2566	Yes	Springer
176	P. Sangeetha, M. Shanmugapriya, Aaditya Jagadeesh,& K. Deveshwar	Lecture notes in Civil Engineering	Numerical and Experimental Evaluation on the Behaviour of Cold-Formed Steel Box Struts and Prediction of Experimental Results Using Artificial Neural Networks	2020	ISSN: 2366-2566	Yes	Springer
177	Sivakumar Naganathan, Salmia Beddu, Muhammad zulfiqar Ajmulkhan, Jegatheish Kanadasan, Zakaria Che Muda, Siti Nabihah Sa'don, B Mahalingam	Lecture notes in Civil Engineering	Composite Leaching of Thermal Power Plant Bottom Ash to Ensure its Performance on Cement Mortar	2020	ISSN: 2366-2566	Yes	Springer
178	Sivakumar Naganathan, Salmia Beddu, Muhammad zulfiqar Ajmulkhan, Jegatheish Kanadasan, Zakaria Che Muda, Siti Nabihah Sa'don, B Mahalingam	Lecture notes in Civil Engineering	Enhancing The Performance of Bottom Ash Using Acid Leaching Method	2020	ISSN: 2366-2566	Yes	Springer

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179	Sivapriya S V	Lecture notes in Civil Engineering	Compaction Characteristics of Modified Clay Soils With Various Proportions of Crumb Rubber	2020	ISSN: 2366-2566	Yes	Springer
180	Y K Sabapathy, V Nithish, S Vishnuvaradan, K Udhaya Prabhu, S Mukeshwaraa	Lecture notes in Civil Engineering	Shear Behaviour of Concrete Wall Panels Reinforced with FRP Bars	2020	ISSN: 2366-2566	Yes	Springer
181	Ramanogopal S	Lecture notes in Civil Engineering	Behaviour of Concrete Filled FRP Tubular Columns Under Axial Compression	2020	ISSN: 2366-2566	Yes	Springer
182	Y K Sabapathy, Nitish CNA, Sajid Ali, Priyadarshini K P	Lecture notes in Civil Engineering	A Study on Flexural Strength of Concrete Beams Reinforced with Manually Pultruded GFRP Bars	2020	ISSN: 2366-2566	Yes	Springer
183	J Gokul Krishna, Roshan R, Vinothini S N, Sivapriya S V	Lecture notes in Civil Engineering	Glass Fibre Reinforced Gypsum(GFRG) as an Emerging Technology	2020	ISSN: 2366-2566	Yes	Springer
184	Mugesh A, Niranjana J, Gunalan S, Sivapriya S V	Lecture notes in Civil Engineering	Immediate Load-Penetration Behaviour of Sand Piles with Sustainable Material	2020	ISSN: 2366-2566	Yes	Springer
185	Manjula R, Sivapriya S V	Lecture notes in Civil Engineering	Expediency of Sand Compaction Piles and its Earlier Studies	2020	ISSN: 2366-2566	Yes	Springer
186	Balaji M and Vineetha P.L.S.	Advances in Smart Grid Technology. Lecture Notes in Electrical Engineering	Fault Classification in SRM Drive Using Hilbert Transform	2021	978-981-15-7241-8	Yes	Springer
187	R.Seyezhai S.Maheswari	Electrical and Electronic devices circuits and Materials: Technological Challenges and Solutions	Design of Low power energy harvesting system for biomedical devices	2021	978-1119755104	Yes	Wiley

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
188	Ms. U. Indumathi, Dr. S. Ramprabhu, ASP/ECE	Design and Fabrication of a simple modified Swastik FSS for Antenna Gain Enhancement	Planar Antenna: Design, Fabrication, Testing, and Application	2021	978-1-53619-898-0	Yes	Nova Science Publisher
189	S. Harika, R. Seyezhai, and A. Jawahar,	Advances in Automation, Signal Processing, Instrumentation, and Control, Lecture Notes in Electrical Engineering	Investigation of Switched Capacitor Quasi-Z-Source DC-DC Converter for E-Trike Battery Charger	2021	978-981-15-8220-2	Yes	Springer
190	K. Ashwini, R. Ponuma, R. Amutha,	Handbook of Decision Support Systems for Neurological Disorders	Fine motor skills and cognitive development using virtual reality based games in children,	2021	978-0-12-822271-3	Yes	Elsevier
191	R. Hemalatha, Dr. S. Radha, Dr. K. Muthumeenakshi,	Disease Monitoring of Cucumber in Polyhouse through IoT based Mobile Application	Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture	2021	9781799817222	Yes	IGI Global
192	D., Aju and Anil Kumar Kakelli, Ashwin Suresh Varma, and Kishore Rajendiran,	Confluence of AI, Machine, and Deep Learning in Cyber Forensics	A Comprehensive Perspective on Mobile Forensics: Process, Tools, and Future Trends.	2021	9781799849001	Yes	IGI Global
193	Rajendiran, Kishore and Kumar Kannan, and Yongbin Yu	Confluence of AI, Machine, and Deep Learning in Cyber Forensics	Applications of Machine Learning in Cyber Forensics	2021	9781799849001	Yes	IGI Global
194	Dr. K. T. Selvan, Prof. and Dr. K. F. Warnick	Teaching electromagnetics: Innovative approaches and pedagogical strategies	Teaching electromagnetics: Innovative approaches and pedagogical strategies	2021	9780367710576	Yes	CRC Press
195	Dr.S.Saraswathi	Internet of Things	Internet of Things	2021	978-93-5577-011-0	Yes	Charulatha Publications

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
196	Dr.K.Vallidevi	Artificial Intelligence: Technologies, applications, and Challenges	Design of a Chess Agent Using Reinforcement Learning with SARSA Network	2021	978-0367690809	Yes	Taylor and Francis Group
197	Dr.J. Bhuvana.	Computational Analysis and Deep Learning for Medical Care: Principles, Methods, and Applications	Multi-Lingual Handwritten Character Recognition Using Deep Learning	2021	978-1119785729	Yes	Wiley
198	Dr. S.Karthika, Dr. N.Bhalaji, Dr. S.Chithra, N. Sri Harikarthick, Debadyuti Bhattacharya	Lecture Notes in Networks and Systems	NoRegINT—A Tool for Performing OSINT and Analysis from Social Media	2021	978-981-33-4305-4	Yes	Springer
199	Dr.P.Senthil Kumar	New Trends in Removal of Heavy Metals from Industrial Waste Water	Efficient techniques for the removal of toxic heavy metals from wastewater	2021	978-0128229651	Yes	Elsevier Publications
2021-22							
200	Dr.K.Vallidevi	Artificial Intelligence: Technologies, applications, and Challenges	AI-Based Real-Time Application: Pattern Recognition Automatic License Plate and Vehicle Number Detection Using Image Processing and Deep Learning (with OpenCV)	2021	978-0367690809	Yes	Taylor and Francis Group
201	Dr.P.Senthil Kumar	Sustainable Agriculture Reviews 48 Pesticide Occurrence, Analysis and Remediation Analysis	Pesticides pollution and analysis in water	2021	978-3-030-54718-9	Yes	Springer Publications
202	Dr.P.Senthil Kumar	The Future of Effluent Treatment Plants- Biological Treatment Systems	Carbon Nanocomposites for Wastewater Treatment	2021	978-0128229569	Yes	Elsevier Publications

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203	Dr.P.Senthil Kumar	The Future of Effluent Treatment Plants-Biological Treatment Systems	Wastewater biodegradability: selection of a treatment technology	2021	978-0128229569	Yes	Elsevier Publications
204	Dr.P.Senthil Kumar	Biomass, Biofuels, Biochemicals 1st Edition Circular Bioeconomy—Current Developments and Future Outlook	Bioelectrochemical systems for remediation and recovery of nutrients from industrial wastewater	2021	978-0128218785	Yes	Elsevier Publications
205	Dr.P.Senthil Kumar	Nanohybrids: Future Materials for Biomedical Applications	Biomaterials for Cell Regeneration	2021	2471-8890	Yes	Materials Research Forum LLC
206	Dr.P.Senthil Kumar	Nanohybrids: Future Materials for Biomedical Applications	Nanohybrids for Wound Healing Application	2021	ISSN 2471-8890	Yes	Materials Research Forum LLC
207	Dr.P.Senthil Kumar	Nanohybrids: Future Materials for Biomedical Applications	Role of Liposomes Composite as Drug Transport Mechanism	2021	2471-8890	Yes	Materials Research Forum LLC
208	Dr.P.Senthil Kumar	Water Engineering Modelling And Mathematics Tools	Hydrological contaminant transport	2021	978-0-12-820644-7	Yes	Elsevier Publications
209	Dr.P.Senthil Kumar	Water Footprint Assessment & Industrial Case Studies	Water Footprint In Leather Tanning And Steel Production	2021	978-981-33-4376-4	Yes	Springer Publications
210	Dr.P.Senthil Kumar	Water Footprint Assessment & Industrial Case Studies	Industrial Water Footprint: Case Study On Textile Industries	2021	978-981-33-4376-4	Yes	Springer Publications
211	Dr.P.Senthil Kumar	Environmental Footprints and Eco-design of Products and Processes: Assessment of Ecological Footprints	Development of Renewable Energies and Its Consequences on the Ecological Footprint	2021	978-981-16-0095-1	Yes	Springer Publications

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212	Dr.P.Senthil Kumar	Advances in Textile Waste Water Treatments	Sustainable Approach on the Treatment of Textile Wastewater Using Membrane Techniques	2021	978-981-16-0064-7	Yes	Springer Publications
213	Dr.P.Senthil Kumar	Photocatalysis: Advanced Materials And Reaction Engineering	Photocatalytic heavy metal detoxification from water systems	2021	ISSN 2471-8904	Yes	Materials Research Forum LLC, USA
214	Dr.P.Senthil Kumar	Photocatalysis: Advanced Materials And Reaction Engineering	Recent advances in photocatalytic nitrogen fixation	2021	978-1-64490-134-2	Yes	Materials Research Forum LLC, USA
215	Dr.P.Senthil Kumar	Photocatalysis: Advanced Materials And Reaction Engineering	Photocatalytic membranes	2021	978-1-64490-134-2	Yes	Materials Research Forum LLC, USA
216	Dr.P.Senthil Kumar	Sustainable Design in Textiles and Fashion	Sustainability in Textile Design	2021	978-981-16-2465-0	Yes	Springer Publications
217	Dr.P.Senthil Kumar	Natural Polymers-Based Green Adsorbents for Water Treatment	Adsorbents based on chemically modified natural polymers	2021	978-0-12-820541-9	Yes	Elsevier Publications
218	Dr.K. Sathish Kumar	Nanomaterials application in biofuels and bioenergy production systems	Instrumental Methods in Surface Property Analysis of Magnetic Nanoparticles	2021	978-0128224014	Yes	Elsevier Publications
219	Dr.P.Senthil Kumar	Biofuels and Bioenergy	Sustainability assessment of third-generation biofuels: a life cycle perspective	2021	978-0-323-85269-2	Yes	Elsevier Publications
220	Dr.P.Senthil Kumar	An Innovative Role of Biofiltration in Wastewater Treatment Plants (WWTPs)	Removal of volatile organic carbon and heavy metals through microbial approach	2021	978-0128239469	Yes	Elsevier Publications
221	Dr.R. Parthiban Dr.B. Chitra	Heat Transfer - Design, Experimentation and Applications	Analysis of Liquid Cooling in Microchannels Using Computational Fluid Dynamics(CFD)	2021	978-1-83968-437-1	Yes	INTECHOPEN LIMITED

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222	Dr.D.Balaji	Photocatalytic degradation of dYes current trends and future perspectives	Advanced oxidation process for effluent treatment in textile, pharmaceutical, and tannery industries	2021	978-0-12-823876-9	Yes	Elsevier
223	Pauline John	Short-Wavelength Infrared Windows for Biomedical Applications	Use of an OCT System in the Short-Wavelength Infrared Region: Applications,	2021	9781510646247	Yes	SPIE
224	S. Saranya	Assistive Technology Intervention in Healthcare	EMG Features as an Indicator of Muscle Strength for the Assessment of Non-Specific Low Back Pain	2021	9781003207856	Yes	Taylor & Francis, CRC Press
225	Kumar S.P	Lecture Notes in Electrical Engineering	Measurement of Q Factor from Two Dimensional Images of Osteoarthritic Knee Braces	2021	978-981-16-3880	Yes	Springer
226	Dr.J.Vijay, K. Nirmala and Sachin G. Sarate	Cyber-Physical Systems AI and COVID-19	Non-contact measurement system for COVID-19 vital signs to aid mass screening—An alternate approach	2021	978-0-12-824557-6	Yes	Elsevier
227	L. Suganthi, K. Nirmala	Data Intelligence and Cognitive Informatics	Detection of Pneumonia Clouds From Chest X-ray Images	2021	978-981-15-8530-2	Yes	Springer
228	L. Suganthi, B. Divya	Emerging Research in Engineering and Technology	SoC Implementation Using FPGA for ECG Signal Analysis	2021	978-81-950722-9-3	Yes	Manglam publications
229	Mahesh, V., Geethanjali, B	In Advances in Biomedical Engineering and Technology	Virtual Reality Therapy in Prolonging Attention Spans for ADHD	2021	978-981-15-6329-4	Yes	Springer
230	Arun Karthick Selvam	Microbes for a Sustainable Environment and Human Welfare: Advancements and Opportunities	Biosynthesis of Nanoparticles using Microorganisms	2021	978-1-53619-062-5	Yes	NOVA Science Publishers

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231	Kaushik Kumar, Divya Zindani, J. Paulo Davim	Artificial Intelligence in Mechanical and Industrial Engineering	Artificial Intelligence in Mechanical and Industrial Engineering	2021	9781003011248	Yes	CRC Press
232	S. Rajkumar and J. Thangaraja	Alcohol as an Alternative Fuel for Internal Combustion Engines	The Potential of Various Alcohol Fuels for Low-Temperature Combustion Engines	2021	978-981-16-0930-5	Yes	Springer
233	Sivapriya S.V., Madhu T.R and Sajid Ali	Lecture notes in Civil Engineering	Local - Penetration behaviour of composite soil with nano - alumina material under soaked and unsoaked condition	2021	ISSN: 2366-2565	Yes	Springer
234	Sivapriya S.V., and Gandhi S.R	Lecture notes in Civil Engineering	A numerical study about the development of stresses zone around single pile when moved away from the crest of the slope under static lateral load	2021	ISSN: 2366-2566	Yes	Springer
235	Harika Madireddy, Sivakumar Naganathan, and B. Mahalingam	Lecture notes in Civil Engineering	A Review on Precast Concrete Construction, Sustainable Practices and Innovations in Civil Engineering	2021	ISSN: 2366-2565	Yes	Springer
236	Salmia Beddu, Amalina Basri, Daud Mohamad, Nur Liyana Mohd Kamal, Nur Farhana, Zakaria Che Muda, Zarina Itam, Sivakumar Naganathan, Siti Asmahani Saad, and Teh Sabariah	Lecture notes in Civil Engineering	Thermal Properties of Concrete Containing Cenosphere and Phase Change Materials	2021	ISSN: 2366-2565	Yes	Springer

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
237	R. Vijayalakshmi, Sivakumar Naganathan and S. Ramanagopal	Lecture notes in Civil Engineering	Study on the compressive strength and water absorption characteristics of Morta blocks with cenosphere as partial replacement of Cement	2021	ISSN: 2366-2565	Yes	Springer
238	B.Praba	Matrices and calculus	Matrices and calculus	2021	978-81-8209-589-2	Yes	Vijay Nicole Imprints Pvt Ltd
239	Dr. S. Singaravadivelu	Physics for Information Science	Physics for Information Science	2021	978-93-91677-046	Yes	Anuradha Publications
240	Dr. P.Nagapandiselvi Dr. A. Arun Kumar	Sodium Paranitrophenolate paranitrophenol single crystals	Lambert Academy Publishing	2021	978-620-385504-3	Yes	Lambert Publications
241	Dr. M.Srinivasan	Optoelectronics	Optical Properties of Single Crystals	2021	978-1-83962-401-8	Yes	Intech Open
242	Dr. Julie Charles	Physics for Civil Engineering	Anuradha Publications	2021	978-93-91677-03-9	Yes	Anuradha Publications
243	Dr. D. Praveen Sam	A Course in Technical English	A Course in Technical English	2021	978-1-108-89173-8	Yes	Cambridge University Press
244	Dr. D. Praveen Sam	Plants in Everyday Life (An IQAC Publication)	The Ethos of the Sacred Groves and the Tribes of the Nilgiris	2021	978-81-923842-4-5	Yes	Annammal Publications
245	Sujatha Priyadharsini and C Lakshmi	Hallyu Namaste: Korean waves on the Indian shores, Eds. Sebastian et al.	A preliminary demographic study on the interests, perceptions and attitudes towards Korean dramas among the Indian audience	2021	978-81-957917-1-2	Yes	Co-text publishers
2022-23							
246	Sutharsan, V., Swaminathan, A., Ramachandran, S., Lakshmanan, M., Mahadevan, B.	Proceedings of International Conference on Recent Trends in Computing . Lecture Notes in Networks and Systems	Electroencephalogram Signal Processing with Independent Component Analysis and Cognitive Stress Classification Using Convolutional Neural Networks	2022	978-981-16-7118-0_24	Yes	Springer

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
247	Nagarajan, V., Balaji, M., Kamaraj, V., Sivaramakrishnan, S., Subash, K.	Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing	Sensitivity Analysis and Design Optimization of Synchronous Reluctance and Permanent Magnet Motors	2022	978-981-16-2674-6_4	Yes	Springer
248	Fantin Irudaya Raj, E., Balaji, M	Advance Concepts of Image Processing and Pattern Recognition. Transactions on Computer Systems and Networks	Application of Deep Learning and Machine Learning in Pattern Recognition	2022	978-981-16-9324-3_4	Yes	Springer
249	Dr.S.Tamilselvi	Genetic Algorithms	Introduction to evolutionary theorem Algorithms	2022	978-1-80355-178-4	Yes	Intechopen
250	Dr.S.Tamilselvi, Pon Ragothama Priya P., Baskar S., Jayaprakash N.	Recent Advances in Power Systems', Springer LNEE, Lecture Notes in Electrical Engineering	Evolutionary Algorithm Based Optimal Allocation of DG Units	2022	978-981-16-6969-9	Yes	Springer
251	A. Bharathi Sankar Ammaiyappan Seyezhai Ramalingam	Supercapacitors for the Next Generation	Piezoelectric-Driven Self-Powered Supercapacitor for Wearable Device Applications	2022	978-1-83968-323-7	Yes	Intechopen
252	Mrunal Deshpande, K Satish Kumar, R Rengaraj, G R Venkatakrishnan	Advanced Oxidation Processes for Wastewater Treatment	Electron beam Accelerators: Waste Water to Usable Water	2022	978-1-003-16595-8	Yes	Taylor and Francis Group
253	BS Nalina, V Kamaraj, M Chilambarasan, MR Babu	DC-DC Converters for Future Renewable Energy Systems	Bidirectional Interleaved Switched-Capacitor DC-DC Converter for Renewable Energy Applications	2022	978-9811643873	Yes	Springer

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254	Dr. S. Hanis, ASP/ECE, Dr. N. Edna Elizabeth, Prof/ECE, Dr. R. Kishore, ASP/ECE, Dr. Ala Khalifeh	Illumination of Artificial Intelligence in Cybersecurity and Forensics, Lecture Notes on Data Engineering and Communications Technologies	Authenticated Encryption to Prevent Cyber-Attacks in Images	2022	978-3030934521	Yes	Springer
255	Srinidhi, S., K. Sowmya, and S. Karthika	ICT Analysis and Applications	Automatic Credit Fraud Detection Using Ensemble Model.	2022	978-981-16-5655-2	Yes	Springer
256	Naveen, S., Mayank Singh, and S. Karthika	ICT Analysis and Applications	Swear Words Replacement Suggestion System	2022	978-981-16-5655-2	Yes	Springer
257	Buvasari, A. K., R. Meenakshi, and S. Karthika	ICT Systems and Sustainability	Applications of Open Source Intelligence in Crisis Analysis—A COVID-19 Case Study	2022	978-981-16-5987-4	Yes	Springer
258	Jacinda, S., Abishek, G., Vasuki, P	Computational Intelligence in Machine Learning. Lecture Notes in Electrical Engineering	Program Synthesis—A Survey	2022	978-981-16-8484-5	Yes	Springer
259	Bhattacharya, D., Sri Hari Karthick, N., Suresh, P., Bhalaji, N.	Lecture Notes on Data Engineering and Communications Technologies	DetecSec: A Framework to Detect and Mitigate ARP Cache Poisoning Attacks	2022	978-981-16-9605-3	Yes	Springer
260	Shanmuga Skandh Vinayak, E., Bhalaji, N., Gao, XZ	Lecture Notes in Electrical Engineering	Analysis of Cryptocurrency Mining in Gaming Consoles	2022	978-981-19-0019-8	Yes	Springer
261	Sriram, N.A., Vishaq, J., Dhanwin, T., Harshini, V., Shahina, A., Nayeemulla Khan, A	Machine Intelligence and Smart Systems, Algorithms for Intelligent Systems	COVID-19 Detection Using Chest X-rays: CNN as a Classifier Versus CNN as a Feature Extractor	2022	978-981-16-9650-3	Yes	Springer
262	Jockim, J.M., Meghana, K., Karthika, S	Inventive Communication and Computational Technologies. Lecture Notes in Networks and Systems	Generative Adversarial Networks and Their Application in Fake Tweet Detection	2022	978-981-19-4960-9	Yes	Springer

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263	Chetna, J.A., Indirapriyadarshini, A., Karthika, S.	Inventive Communication and Computational Technologies. Lecture Notes in Networks and Systems	M-SHIELD—An Application for Tracking Lost Phones	2022	978-981-19-4960-9	Yes	Springer
264	Srivatsan, S., Bamrah, S.K., Gayathri, K.S	Data Intelligence and Cognitive Informatics. Algorithms for Intelligent Systems	An Ensemble Approach to Recognize Activities in Smart Environment Using Motion Sensors and Air Quality Sensors	2022	978-981-19-6004-8	Yes	Springer
265	Dr.D.Gnana Prakash Dr.R.Anantharaj	Biofuels and Bioenergy A Techno-Economic Approach	Experimental Investigation of Performance of Bio Diesel with Different Blends in Diesel Engine	2022	978-0-323-90040-9	Yes	Elsevier
266	Dr.P.Senthil Kumar	An Innovative Role of Biofiltration in Wastewater Treatment Plants (WWTPs)	Removal of volatile organic carbon and heavy metals through microbial approach	2022	978-0128239469	Yes	Elsevier Publications
267	Dr.P.Senthil Kumar	Blockchain Technologies in the Textile and Fashion Industry	The Future of Blockchain for Wastewater Treatment in the Textiles Industry	2022	978-981-19-6568-5	Yes	Springer Publications
268	Dr.P.Senthil Kumar	Environmental Footprints and Eco-design of Products and Processes, Circular Economy	Circular Economy: An Insightful Tool for Sustainable Management of Wastewater	2022	978-981-16-3697-4	Yes	Springer Publications
269	Dr.S. Pravin Kumar	Biomedical Signals Based Computer-Aided Diagnosis for Neurological Disorders	Automatic Detection of Epilepsy Using CNN-GRU Hybrid Model	2022	978-3-030-97845-7	Yes	Springer
270	Dr.L. Suganthi	Inventive Systems and Control. Lecture Notes in Networks and Systems	Assessment of Cardiovascular System Through Cardiovascular Autonomic Reflex Test	2022	E ISSN-2367-3389	Yes	Springer, Singapore

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271	Dr.Vijay Jeyakumar	Artificial Intelligence and Machine Learning for Healthcare.	Virtual Reality-Based Rehabilitation Gaming System	2022	978-3-031-11170-9	Yes	Springer
272	Vijay Jeyakumar, K. Nirmala, and R. Nithya	Biomedical Engineering Applications for People with Disabilities and the Elderly in the COVID-19 Pandemic and Beyond	A smart virtual vision system for health monitoring	2022	978-0-323-85174-9	Yes	Elsevier
273	Arun Karthick S, Bagyaraj S	The Role of 3D Printing for the Growth and Progress of Medical Healthcare Technology,	3D Bioprinted Human Skin	2022	1-5275-8236-1	Yes	Cambridge Scholars Publishing
274	Dr.J.Vijay	5G IoT and Edge Computing for Smart Healthcare	Brain-computer interface in Internet of Things environment	2022	978-0-323-90548-0	Yes	Elsevier
275	Santosh Sampath, Ajit Behera, Sabu Thomas and Tuan Anh Nguyen	Nickel-Titanium Smart Hybrid Materials	NiTi-based smart micro- and nanoalloys: an introduction	2022	978-0-323-91173-3	Yes	Elsevier
276	Santosh Sampath, Tuan Anh Nguyen	Nickel-Titanium Smart Hybrid Materials	NiTi-based ternary shape-memory alloys	2022	978-0-323-91173-3	Yes	Elsevier
277	Dr. N. Lakshmi Narasimhan, Dr. Mahmoud Bourouis and Dr. V. Raghavan	Recent Advances in Energy Technologies	Recent Advances in Energy Technologies	2022	978-981-19-3466-7	Yes	Springer Singapore
278	N. Lakshmi Narasimhan, M. Praveen Kumar, B. Sathish, R. Sathish Kumar, V. Sivaraj	Recent Advances in Energy Technologies	Effect of Parking Direction and Radiation Shields on the Indoor Cabin Environment of a Stationary Passenger Car: Experimental Study	2022	978-981-19-3466-7	Yes	Springer Singapore
279	R. Vijayalakshmi	Lecture Notes in Mechanical Engineering	The compressive strength of confined concrete stub column reinforced with GFRP-bars effect of reinforced bar and diameter	2022	ISSN 2195-4356	Yes	Springer

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
280	Sivapriya S.V	Lecture notes in Civil Engineering	Single and Group Static Laterally Loaded Vertical Pile in Horizontal and Sloping Ground—A Review	2022	ISSN: 2366-2565	Yes	Springer
281	Sivapriya S.V A. D. Abithoo Dass, A. Bargavi, R. Lakshmipriya, and S. Nandhini	Lecture notes in Civil Engineering	Seismic Analysis of Hypar Shell Foundation in Sandy Soil	2022	ISSN: 2366-2565	Yes	Springer
282	Sivapriya S.V & Anne Sherin.A	Lecture notes in Civil Engineering	Causes and Consequences of Dam Failures - Case Study	2022	ISSN: 2366-2565	Yes	Springer
283	Jijo James	Lecture notes in Civil Engineering	Characterization and Valorization of Sugarcane Press Mud in Civil Engineering Applications	2022	ISSN: 2366-2565	Yes	Springer
284	P. Sabareeshwaran, S. Tharanyaa, B. Mahalingam, and M. Kavitha	Lecture notes in Civil Engineering	A Study of Environmental Management of Construction and Demolition Waste	2022	ISSN: 2366-2565	Yes	Springer
285	P. Sangeetha, M. Dhinakaran, A. S. Gobinaath, R. S. Saravana Kumar, & A. D. Jeevan Raj	Lecture notes in Civil Engineering	Performance Assessment of the Perforated CFS Unlipped and Lipped Channel Section Under Compression	2022	ISSN: 2366-2565	Yes	Springer
286	T. Pauline, G. Janardhanan, P. Sangeetha, & V. Ashok	Lecture notes in Civil Engineering	Retrofitting of Exterior Beam-Column Joint—A Review	2022	ISSN: 2366-2565	Yes	Springer
287	S. N. Vinothni & P. Sangeetha	Lecture notes in Civil Engineering	Space Frame Structure as Roof and Floor System—A Review	2022	ISSN: 2366-2565	Yes	Springer
288	James, J., Sivapriya, S.V	Lecture notes in Civil Engineering	Load-Settlement Behaviour of Stone Column with Varied Spacing	2022	ISSN: 2366-2565	Yes	Springer
289	Aabha S Singhvi, Srinivas Gumparthi and Yash Doshi ,	Financial Inclusion for Rural Development: Covid Experiences	Study on Effect of Remote working on Home makers and children in Rural Area	2022	978-81-950826-2-9	Yes	INSC International Publisher

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
290	Gopalan Ramachandran, Tariq Axis and Srinivas Gumparthi	Recent Advances in Mathematics, Statistics, Commerce, Management, Education, Psychology and Post Covid Business Strategies	Changes in Indian Bank's Lending Strategy in the Post-Covid Scenario	2022	978-93-95632-12-6	Yes	Iterative Internations
291	Aravindhan Alagarsamy, Sundarakannan Mahilmaran, Prateek Agrawal, Charu Gupta, Anand Sharma, Vishu Madaan, Nisheeth Joshi	Machine Learning and Data Science: Fundamentals and Applications	Machine Learning and Data Science: Fundamentals and Applications	2022	978-1-119-77561-4	Yes	Scrivener Publishing LLC, Wiley Online Library
292	Said Broumi, Raman Sundareswaran, Marayanagaraj Shanmugapriya, Giorgio Nordo, Mohamed Talea, Assia Bakali, Florentin Smarandache	Collected Papers (on various scientific topics) Volume XIII	Collected Papers (on various scientific topics) Volume XIII	2022	978-1-59973-745-4	Yes	Global Knowledge Publishing House Miami, United States of America
293	Dr. S. Singaravadelu & A.Chandrasekaran	Engineering Physics	Engineering Physics	2022	978-93-91930-05-9	Yes	Veda Publications
294	Dr.K.Aravinth	Advance in Dye Degradation	Treatment of Textile Dye effluent by Electrochemical Method	2022	978-981-5179-55-2	Yes	Bentham Science
295	Dr. M.Srinivasan	Crystal Growth and Chirality - Technologies and Applications	Recent Advances in Infrared Nonlinear Optical Crystal	2022	978-1-80355-058-9	Yes	Intech Open
296	Dr. D. Praveen Sam	Reflection of teaching and Testing during Pandemic Covid 19	The Technology Impact on the Teaching-Learning Platforms	2022	978-1-68576-346-6	Yes	Iterative International Publishers
297	Dr. D. Praveen Sam	Competency Mapping: A Tool in Monitoring the Employee Performance	Prosocial Behavior and Self Esteem of College Students with Special Reference to Chennai District	2022	978-93-5578-597-8	Yes	MTC Global
298	S. Devi, Dr. Seyezhai Ramalingam, Harshad. S.S, Harish. N, Bharath Vishal. R and Barath. V	IoT and Analytics in Renewable Energy Systems (Volume 1)	Design and Analysis of Split Source Inverter for Photovoltaic Systems	2023	978-1-003-33111-7	Yes	Taylor and Francis Group

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299	E. Fantin Irudaya Raj & M. Balaji	Smart Computer Vision. EAI/Springer Innovations in Communication and Computing	Shape Feature Extraction Techniques for Computer Vision Applications	2023	978-3-031-20541-5	Yes	Springer
300	Vidhya Sivaramakrishnan, Balaji Mahadevan, and Kamaraj Vijayarajan	Power Quality Data Mining Using Hybrid Feature Extraction Technique	Smart Sensors Measurement and Instrumentation. Lecture Notes in Electrical Engineering	2023	978-981-19-6913-3	Yes	Springer
301	R.Seyezhai, S.Harika	Technical Study of Electric Vehicle Charging Infrastructure and Standards	Power Converters, Drives and Control for Sustainable Operations	2023	978-1119791911	Yes	Wiley
302	B. S. Sreeja, S. Radha	MEMS and Microfluidics in Healthcare, Lecture Notes in Electrical Engineering	Transdermal Injection with Microneedle Devices in Healthcare Sector: Materials, Challenging Fabrication Methodologies, and its Limitations	2023	978-981-19-8713-7	Yes	Springer
303	B. S. Sreeja, S. Radha	MEMS and Microfluidics in Healthcare, Lecture Notes in Electrical Engineering	"Critical Review and Exploration on Micro-pumps for Microfluidic Delivery	2023	978-981-19-8713-7	Yes	Springer
304	Dr.S.Saraswathi	Intelligent Edge Computing for Cyber Physical Applications	Secure medical image storage and retrieval for Internet of medical imaging things using blockchain-enabled edge computing	2023	978-0323994125	Yes	Intelligent Data-Centric Systems
305	Dr. Chamundeswari A	AI, IoT, and Blockchain Breakthroughs in E-Governance	Recent Trends in IoT as Part of Digital India	2023	978-1-6684-7697-0	Yes	IGI Global
306	Bamrah, S.K., Srivatsan, S., Gayathri, K.S.	Machine Learning, Image Processing, Network Security and Data Sciences. Lecture Notes in Electrical Engineering,	Region Classification for Air Quality Estimation Using Deep Learning and Machine Learning Approach	2023	978-981-19-5868-7	Yes	Springer

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
307	G. Pranav, K. Varsha, K. S. Gayathri	Early Alzheimer Detection Through Speech Analysis and Vision Transformer Approach	Early Alzheimer Detection Through Speech Analysis and Vision Transformer Approach	2023	978-3-031-33231-9	Yes	Springer
308	Shruti Srivatsan, Sumneet Kaur Bamrah, K. S. Gayathri	Computational Intelligence Aided Systems for Healthcare Domain	Multimodality dementia detection system using machine and deep learning	2023	9781003368342	Yes	Taylor and Francis Group
309	Williams, E.A., Karthik, M., Shahina, A., Murali, H., Safiyyah, N., Nayeemulla Khan, A.	Snooping for Fake News: A Cascaded Approach Using Stance Detection and Entailment Classification	Snooping for Fake News: A Cascaded Approach Using Stance Detection and Entailment Classification	2023	978-981-99-1050-2	Yes	Springer
310	Divya , S & Sripriya , N.	Research Highlights in Language, Literature and Education	Hierarchical Text Summarization Using Semantic Similarity.	2023	978-81-19217-91-5	Yes	BP International
311	S Sankaranath, M Karthiga, S Sountharrajana, E Suganya	Energy Harvesting Trends for Low Power Compact Electronic Devices	Challenges and Opportunities for Green Energy Harvesting in Sustainable IoT Systems	2023	978-3-031-35964-4	Yes	Springer
312	M. Karthiga, A. Indirani, S. Sankarananth, S. S. Sountharrajana, E. Suganya	Wireless Communication in Cyber Security	Privacy Enhancement for Wireless Sensor Networks and the Internet of Things Based on Cryptological Techniques	2023	9781119910435	Yes	Wiley
313	<i>Prabu Kanna, Abinash M.J., Yogesh Kumar, Jagadeesh Kumar and E. Suganya</i>	Wireless Communication in Cyber Security	Security and Confidentiality Concerns in Blockchain Technology: A Review	2023	9781119910435	Yes	Wiley
314	Dr.R.Parthiban	Integrating Blockchain and Artificial Intelligence for Industry 4.0 Innovations	Cognitive Computing for the Internet of Medical Things	2023	978-3-031-35753-4	Yes	Springer Publications

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315	Dr.R.Parthiban	Integrating Blockchain and Artificial Intelligence for Industry 4.0 Innovations	A Framework for Low Energy Application Devices Using Blockchain-Enabled IoT in WSNs	2023	978-3-031-35753-4	Yes	Springer Publications
316	Dr.R.Parthiban	Integrating Blockchain and Artificial Intelligence for Industry 4.0 Innovations	Secured Smart Manufacturing Systems Using Blockchain Technology for Industry 4.0	2023	978-3-031-35753-4	Yes	Springer Publications
317	Dr.R.Parthiban	Integrating Blockchain and Artificial Intelligence for Industry 4.0 Innovations	Kryptoverse : A Fully-Fledged Cryptocurrency Transfer Website Based on Web 3.0	2023	978-3-031-35753-4	Yes	Springer Publications
318	Dr.Vijay Jeyakumar	Intelligent Edge Computing for Cyber Physical Applications	Secure medical image storage and retrieval for Internet of medical imaging things using blockchain-enabled edge computing.	2023	978-0-323-99412-5	Yes	Springer
319	Dr.Vijay Jeyakumar	System Design for Epidemics Using Machine Learning and Deep Learning. Signals and Communication Technology	Artificial Intelligence-Based Predictive Tools for Life-Threatening Diseases.	2023	978-3-031-19752-9	Yes	Springer,Cham.
320	Dr.K.Nirmala Dr.L.Suganthi	Lecture Notes in Electrical Engineering	Pulse Rate Estimation with a Smartphone Camera Using Image Processing Algorithm	2023	978-981-19-5936-3	Yes	Springer
321	Dr.R.Subashini	Advances in Smart Nanomaterials and their Applications	Green nanomaterials for clean environment: recent advances, challenges, and applications	2023	978-0-323-99546-7	Yes	Elsiever

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322	Dr.J.Vijay	Lecture Notes on Data Engineering and Communications Technologies,	Mathematical Modeling of Diabetic Patient Model Using Intelligent Control Techniques	2023	978-981-99-0609-3	Yes	Springer, Singapore
323	Dr.S.Saranya	EAI/Springer Innovations in Communication and Computing :Translating Healthcare Through Intelligent Computational Methods.	Healthcare Revolution and Integration of Artificial Intelligence.	2023	E ISSN:2522-8609	Yes	Springer, Cham.
324	Dr.L.Suganthi	Internet of Thing	Internet of Thing	2023	978-81- 19489-05-3	Yes	RK Publication.
325	Veezhinathan, M., Geethanjali, B	Affective Computing in Healthcare: Applications based on biosignals and artificial intelligence	Evaluating cognitive load during lexical decision tasks for monolinguals and bilinguals using EEG.	2023	978-0-7503-5182-9	Yes	IOP Publishing
326	Saranya, S., Priya, S.	Translating Healthcare Through Intelligent Computational Methods	Healthcare Revolution and Integration of Artificial Intelligence	2023	978-3-031-27700-9	Yes	Springer
327	Nirmala K	New Frontiers in Communication and Intelligent Systems	Markov Random Field based Compression of Encrypted Medical Images	2023	95502-00-4-32	Yes	SCRS Publications
328	S.A. Srinivasan and Santosh Sampath	Advanced Flexible Ceramics: Design, Properties, Manufacturing, and Emerging Applications	Flexible ceramics: an introduction	2023	978-0-323-98824-7	Yes	Elsevier
329	Santosh Sampath, Srinivasan Alagappan, G. Sudha Priyanga, Ram K. Gupta, Ajit Behera and Tuan Anh Nguyen	Advanced Flexible Ceramics: Design, Properties, Manufacturing, and Emerging Applications	Shape memory ceramics	2023	978-0-323-98824-7	Yes	Elsevier

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330	Dr.Balaji Bhargav	Smart Supercapacitors	Sustainability of current state-of-the-art supercapacitors: a case study	2023	978-0-323-90530-5	Yes	Elsevier
331	Dr.Nafis Ahmed	Smart Supercapacitors	Sustainability of current state-of-the-art supercapacitors: a case study	2023	978-0-323-90530-5	Yes	Elsevier
332	Dr.M.Srinivasan	Smart Supercapacitors	Smart Supercapacitors	2023	978-0-323-90530-5	Yes	Elsevier
333	Dr. S. Singaravadelu	Physics for Information Science and technology	Physics for Information Science and technology	2023	978-93-91930-33-2	Yes	Veda Publications
334	Dr. M. Mahalakshmi	Photocatalysis for Environmental Remediation and Energy Production	Developments in MOFs Materials for the Photocatalytic H ₂ Production by Water Splitting	2023	9811967482	Yes	Springer