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	Link to source page (if avilable online)
1	Dr.C.Balaji Ayyanar	Sustainability of Green and Eco-friendly Composites	Effect of Processing on Natural Fibres for Composite Manufacturing	2023	9781003272625.00	Yes	CRC Press (Taylor and Francis Group).	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003272625-3/effect-processing-natural-fibers-composite-manufacturing-vasugi-sunitha-amsamani-balaji-ayyanar
2	Dr.C.Balaji Ayyanar,Mr.S.K.Pradeep Mohan	Sustainability of Green and Eco-friendly Composites	Mechanical Characterization of Labeo Catla and Laevistrombus Canarium Derived Hydroxyapatite-High Density Polyethylene Composite"	2023	9781003272625.00	Yes	CRC Press (Taylor and Francis Group).	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003272625-4/mechanical-characterization-labeo-catla-laevistrombus-balaji-ayyanar-marimuthu-bharathira-gayathri-pradeep-mohan
3	Dr.P.Muthu Subramanian & Dr.A.Rajeswari	Cognitive Sensors, Volume 2: Applications in smart healthcare	IoT-enabled real time student health monitoring and interactive system using LoRa	2023	978-0-7503-5346-5	Yes	IOP Science	https://iopscience.iop.org/book/edit/978-0-7503-5346-5/chapter/bk978-0-7503-5346-5ch2
4	Dr. P. Satheesh Kumar	Lecture Notes in Networks and Systems	Urban Wastewater Treatment for High Yielding in Agriculture Through Smart Irrigation System	2023	978-981-99-3716-5	Yes	Springer	https://doi.org/10.1007/978-981-99-3716-5_52
5	G.Puvaneswari, M.Ramya, R.Kalaivani	Lecture Notes in Networks and Systems	Smart Home Security System using Facial Recognition	2023	978-981-19-7874-6	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-19-7874-6_18#:~:text=The%20main%20goal%20of%20this,a%20message%20of%20intruder's%20image.

6	B. Premalatha, K.M.Priya, T.Yathavi	Research Highlights in Mathematics and Computer Science	Machine Learning Based Handwritten Text Recognition System for Postal Address Identification	2023	ISBN 978-81-19217-00-7 (eBook)	Yes	Book Publisher International	https://stm.bookpi.org/RHMCS-V9/article/view/10418
7	R.Saveeth, Dr.S.Umamaheshwari,M.Prabhavathy	Advances in Data-driven Computing and Intelligent Systems	An enhanced deep learning technique for crack identification in composite material Image	2023	Print ISBN 978-981-99-0980-3 Online ISBN 978-981-99-0981-0	Yes	Lecture Notes in Networks and Systems,Volume-653,June 2023,DOI ,Online ISBN 978-981-99-0981-0-Springer,Singapore	https://doi.org/10.1007/978-981-99-0981-0_26
8	Nedunchezhian.R.,, Evangelin Sonia, S.V., Rajalakhmi, M.	International Conference on Computer Communication and Informatics, ICCCI 2023, 2023	One-Dimensional Convolutional Neural Network and Long Short-Term Memory Convolutional Neural Network for 12-Lead ECG Arrhythmia Detection	2023	ISBN - 979-8-3503-4822-4	Yes	IEEE	DOI: 10.1109/ICCCI56745.2023.10128354
9	Dhakshayani, J. , Sivasathya, S. , Sharmiladevi, S. , Sophie SLM	Smart Innovation, Systems and Technologies	Mining Frequent Patterns from Temporal Dataset Using Backtracking Search Tree of GenMax Algorithm	2023	ISBN:978-981-19-5403-0	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-19-5403-0_9
10	Dr.S.Saranya Rubini, Dr.K.Sathya, Dr.R.Saveeth, Dr.M.Prabhavathy	Soft Computing and Signal Processing(ICSCSP 2023)	Evolutionary Discriminative Deep Belief Network Based Diabetic Retinopathy Classification	2023	Print ISBN 978-981-99-8627-9 Online ISBN 978-981-99-8628-6	Yes	Springer	10.1007/978-981-99-8628-6_29
11	Dr.Valliapapn Raman	Advances in Economics, Business and Management Research	Comprehensive Review on Statistical Modelling Approach to Predict the COVID-19 Transmission	2023	10.2991/978-94-6463-162-3_11	Yes	Atlantis	https://www.atlantis-press.com/proceedings/icetbm-23/125986525
12	Dr. B. Gayathri	Intelligent Technologies for Sensors	Characterization of Syzygium cumini Particulates-Filled Epoxy Composites	2023	eBook ISBN9781003314851	Yes	Taylor and Francis Group	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003314851-5/characterization-syzygium-cumini-particulates-filled-epoxy-composites-balaji-ayyanar-marimuthu-gayathri
13	Manjula Gandhi, S., Gayathri Devi, S., Sathya, C., Vani, K.H., Kiruthika, K.	Quantum Concepts	Quantum Computing: A Shift from Bits to Qubits	2023	ISBN 978-981-19-9529-3 ISBN 978-981-19-9530-9 (eBook)	Yes	Springer, singapore	https://link.springer.com/chapter/10.1007/978-981-19-9530-9_6

14	Dr.M.Sujithra	Fundamentals of Data Structures: Stacks, Queues, Linked Lists, and Graphs	Advanced Applications of Python Data Structures and Algorithms	2023	ISBN13: 9781668471005	Yes	IGI GLOBAL	https://www.igi-global.com/chapter/fundamentals-of-data-structures/326076
15	Dr.M.Sujithra	Exploratory Data Analysis in Python	Advanced Applications of Python Data Structures and Algorithms	2023	ISBN13: 9781668471005	Yes	IGI GLOBAL	https://www.igi-global.com/chapter/exploratory-data-analysis-in-python/326081
16	Dr.J.Shana	Intelligent Manufacturing and Energy Sustaininability	Meta Heuristic-Based Community Detection of Social Newtork Using Cuckoo with InfoMap Algorithm	2023	978-981-19-8497-6	Yes	Springer	https://doi.org/10.1007/978-981-19-8497-6
17	Dr.J.Shana	Intelligent and Soft Computing Systems for Green Energy	Classification Models for Breast Cancer Detection (Ch-19)	2023	9.78139E+12	Yes	Wiley Publishers	https://onlinelibrary.wiley.com/doi/10.1002/9781394167524.ch19
18	Dr.E.Chandra Blessie	Springer Lecture Notes on Electrical Engineering Computational Intelligence in Machine Learning	A Deep Learning Method for Autism Spectrum disorder	2023	978-981-99-7954-7	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-99-7954-7_1#:~:text=ASD%20is%20a%20neurological%20condition,from%20the%20ABIDE%20data%20set.
19	Dr.R.Prabakaran	Pesum Vattam	-	2023	978-8119166893	Yes	Pustaka	Buy Pesum Vattam | Dr. R. Prabakaran | Education | Tamil | Pustaka Book Online at Low Prices in India | Pesum Vattam | Dr. R. Prabakaran | Education | Tamil | Pustaka Reviews & Ratings - Amazon.in
20	Valliappan Raman	Engineering Solutions in the age of digital disruption	A Systematic Literature Review on Determining the Effectiveness of Short-Term COVID-19 Prediction Modelling	2023	9.78982E+12	Yes	Springer Nature	https://link.springer.com/book/10.1007/978-981-99-5547-3
21	Valliappan Raman	Applications of Generative AI	How Generative AI Is Transforming Medical Imaging: A Practical Guide	2023	978-3-031-46237-5	Yes	SpringerLink	https://link.springer.com/chapter/10.1007/978-3-031-46238-2_18
22	Chandrasekaran R.	Advances in Electrical, Computing, Communication and Sustainable	Optimal Control of Solar PV Fed EV Charging Station Using PSO Algorithm	2023	9.78167E+12	Yes	Institute of Electrical and Electronics Engineers Inc.	https://ieeexplore.ieee.org/document/10118201

		Technologies (ICAECT)						
23	Elango S.	Intelligent Automation and Soft Computing	Implementation of FPGA Based MPPT Techniques for Grid-Connected PV System	2023	10798587	Yes	Tech Science Press	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135278924&doi=10.32604%2fiasc.2023.028835&partnerID=40&md5=c62d480cc8f1e81450e974e3073899a4
24	Geetha S.	Proceedings of 9th International Conference on Electrical; Energy Systems	IoT enabled Covid Standard Operating Procedure system	2023	9.79835E+12	Yes	Institute of Electrical and Electronics Engineers Inc.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160004204&doi=10.1109%2fICEES57979.2023.10110131&partnerID=40&md5=e9da5e1c668cf578cbf48f624ca9fcfe
25	Elango S. Gunasekaran S.	Journal of Environmental Protection and Ecology	Environmental Protection through Five Phase Supply and Its Drive System: A Sustainable Approach	2023	13115065	Yes	Scibulcom Ltd.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181958765&partnerID=40&md5=e744cfd5455b96d5aa248c33412f3a48
26	Manikandan V.	IEEE International Conference on Integrated Circuits and Communication Systems	Grasshopper Optimized Tuning of Support Vector Regression for Day a Head Prognostic Problem	2023	9.79835E+12	Yes	Institute of Electrical and Electronics Engineers Inc.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158102816&doi=10.1109%2fICICACS57338.2023.10099778&partnerID=40&md5=2d50d1aacc7f617add3f8cd56827db42
27	Manikandan V.	Neural Computing and Applications	Levy flight-particle swarm optimization-assisted BiLSTM + dropout deep learning model for short-term load forecasting	2023	9410643	Yes	Springer Science and Business Media Deutschland GmbH	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137468752&doi=10.1007%2fs00521-022-07751-y&partnerID=40&md5=6d4108b6ecfa039d2b82af4dda5d331b
28	Manavaalan G.	International conference on Computer Applications in Electrical - engineering Recent Advances	Development and Control of a Four-Wheel Drive Holonomic Mobile Robot	2023	979-835030500-5	Yes	Institute of Electrical and Electronics Engineers Inc.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187805292&doi=10.1109%2fCERA59325.2023.10455377&partnerID=40&md5=f42

							43c2e8e1939934b3f3e4ae3983949
29	Merlin Sajini M.L., Suja S	Optimal location and sizing of various DG units in real distribution substation using heuristic approach	Optimal location and sizing of various DG units in real distribution substation using heuristic approach	2023	3056120	Yes	Emerald Publishing	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130541728&doi=10.1108%2fCW-06-2021-0183&partnerID=40&md5=9548b60fc8123f32ec8f30d4d55cf0f5
30	Manikandan V.	International conference on Computer Applications in Electrical - engineering Recent Advances	A Survey on Intrusion Detection System in Smart City: Security Concerns	2023	979-835030500-5	Yes	Institute of Electrical and Electronics Engineers Inc.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187779628&doi=10.1109%2fCERA59325.2023.10455491&partnerID=40&md5=a2e2e54fe1969b00263882248ed05fa5
31	Vinodh Kumar P.	Engineering Application of Artificial Intelligence	Developing digital twin design for enhanced productivity of an automated anodizing industry and process prediction using hybrid deep neural network	2023	9521976	Yes	Elsevier Ltd	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150802058&doi=10.1016%2fj.engappai.2023.106086&partnerID=40&md5=0241d11b52cb8bc452ae83109abfea94
32	Kavithamani A.	2023 Innovations in Power and Advanced Computing Technologies (i-PACT)	A Novel Proposal in Multilevel Inverter with Genetic Algorithm Optimization	2023	979-8-3503-2519-5	Yes	IEEE	https://ieeexplore.ieee.org/abstract/document/10434742
33	Devi Shree J.	Journal of Electrical Engineering & Technology	Improvement in Electrical Performance of Distributed Generation due to Electromagnetic Interference	2023	2093-7423	Yes	Springer	https://doi.org/10.1007/s42835-023-01577-x
34	Kavithamani A.	Journal of Ambient Intelligence and Humanized Computing	OELF: short term load forecasting for an optimal electrical load forecasting using hybrid whale optimization based convolutional neural network	2023	1868-5137	Yes	Springer	https://link.springer.com/article/10.1007/s12652-021-03556-4#article-info

35	Manikandan V.	Neural Computing and Applications	Levy flight-particle swarm optimization-assisted BiLSTM + dropout deep learning model for short-term load forecasting	2023	1433-3058	Yes	Springer	https://link.springer.com/article/10.1007/s00521-022-07751-y
36	Elango S.	International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	Certain Investigation on Batteries and Super Capacitor for Hybrid E-Vehicle	2023	979-8-3503-4364-9	Yes	IEEE	https://ieeexplore.ieee.org/abstract/document/10425843
37	Manikandan V.	Investigating the Performance of Internet of Things in a Traditional Anodizing Industry for improved Quality and Delivery of Products using Response Surface Methodology	7th International Conference on Computer Applications in Electrical Engineering-Recent Advances (	2023	1665480890	Yes	IEEE	https://ieeexplore.ieee.org/document/10455299
38	Dr.A.G.Sudha	Research Methodology	-	2023	978-93-5757-342-9	Yes	Scientific International Publishing House (SIPH)	https://www.flipkart.com/research-methodology/p/itm974be1576790b?pid=9789357573429&lid=LSTBOK9789357573429MAWFRD&marketplace=FLIPKART&cmpid=content_book_8965229628_gmc
39	Kannammal A, and Chandia S	Research Trends in Artificial Intelligence: Internet of Things	APPLICATIONS OF AI AND IoT FOR SMART CITIES	2023	978-981-5136-45-6	Yes	Bentham Science, Singapore	https://benthambooks.com/book/9789815136449/
40	Gayathri Devi, S., Manjula Gandhi, S., Chandia, S., Boobalaragavan, P.	QUuantum Computing :A shift from bits to Qubits	Exploring IBM Quantum Experience	2023	978-981-19-9530-9	Yes	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-19-9530-9_15
41	S. Gayathri Devi S. Manjula Gandhi C. Sathya S. Chandia K.H. Vani	Sustainable Blended Learning in Stem Education for Students with Additional Needs	Maintaining Performance and QOS of Software Tools for Remote Teaching Environment	2023	978-981-99-3497-3	Yes	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-3497-3_10
42	Dr. Manjula Gandhi S	Sustainable Blended Learning in STEM Education for Students with Additional Needs	Maintaining Performance and QoS of Software Tools for Remote Teaching Environment	2023	978-981-99-3497-3	Yes	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-3497-3_10
43	R.Pavithra, S.P.Abirami, S. Krithika · S. Sabitha · P. Tharanidharan	Advances in Information Communication Technology and	Identification of Autism Spectrum Disorder from	2023	ISBN 978-981-19-9888-1	Yes	Springer	https://www.springerprofessional.de/en/identification-of-autism-spectrum-

		Computing (AICTC-2022)	Functional MRI Using Deep Learning					disorder-from-functional-mri-u/25420416
44	Dr.N.Anithadevi	Part of the Algorithms for Intelligent Systems book series (AIS)	Blockchain-Based Agri-Food Supply Chain Management	2023	ISBN:978-981-19-8741-0	Yes	Springer Series	https://link.springer.com/chapter/10.1007/978-981-19-8742-7_40
45	Dr.R.Prabakaran	Pesum Kanitham	-	2023	978-8119166978	Yes	Pustaka	Buy Pesum Kanitham | Dr. R. Prabakaran | Education | Tamil | Pustaka Book Online at Low Prices in India | Pesum Kanitham | Dr. R. Prabakaran | Education | Tamil | Pustaka Reviews & Ratings - Amazon.in
46	Dr.Rajalakshmi.M Ms.S.Devi	Part of the Lecture Notes in Networks and Systems bookseries (LNNS,volume 563)	A Meta-Classifier Link Prediction Model for False Profile Identification in Facebook	2023	ISSN 2367-3370	Yes	Part of the Lecture Notes in Networks and Systems bookseries (LNNS,volume 563)	https://doi.org/10.1007/978-981-19-7402-1_2
47	S. A. Chakravarty , Sivasathya, S. , Sharmiladevi	IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)	An Exploratory Analysis of Delhi Air Quality Using Statistics and Machine Learning Models	2023	978-1-6654-7720-8	Yes	IEEE	https://ieeexplore.ieee.org/document/10119423
48	Dr. S. Murali	Proceedings of International Health Informatics Conference	Classification of Breast Invasive Ductal Carcinomas Using Histopathological Images Based on Deep Learning Techniques	2023	"Print:978-981-19-9089-2 Online: 978-981-19-9090-8"	Yes	Springer Nature	doi.org/10.1007/978-981-19-9090-8_23
49	Kannammal, A., Guhanesvar, M., Venketesz, R.R.	Mobile Computing and Sustainable Informatics	Predictive Maintenance for Remote Field IoT Devices—A Deep Learning and Cloud-Based Approach	2023	978-981-99-0835-6_40	Yes	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-0835-6_40
50	S. Bala Dhanalakshmi, R. Sowndharya Rani, N. Deepa & C. Subha Priyadharshini	Mobile Computing and Sustainable Informatics	An Analytical Assessment of Machine Learning Algorithms for Predicting Campus Placements	2023	978-981-99-0834-9	Yes	Springer	https://doi.org/10.1007/978-981-99-0835-6_16
51	Dr.Rajalakshmi.M S.Devi	Intelligent Manufacturing and Energy Sustainability,	Meta Heuristic-Based Community Detection of Social Network	2023	ISBN:2190-3026	Yes	springer	https://doi.org/10.1007/978-981-19-8497-6

		Proceedings of ICIMES 2022,Smart Innovation, Systems and Technologies	Using Cuckoo with InfoMap Algorithm					
52	Dr.Rajalakshmi.M S.Devi	Recent Trends in Computational Intelligence and Its Application,First Edition,2023, Imprint : CRC Press	Historical Document Analysis Using Deep Learning	2023	ISBN:9781003388913	Yes	Taylor &Francis E book	https://doi.org/10.1201/9781003388913
53	Dr.Rajalakshmi.M S.Devi,Dr.Shana	Intelligent Manufacturing and Energy Sustainability, Proceedings of ICIMES 2022,Smart Innovation, Systems and Technologies	Meta Heuristic-Based Community Detection of Social Network Using Cuckoo with InfoMap Algorithm	2023	978-981-19-8497-6	Yes	springer nature	https://doi.org/10.1007/978-981-19-8497-6
54	I.S.Akila	Handbook of Computational Sciences: A Multi and Interdisciplinary Approach	A Sensor-Based Automated Irrigation System for Indian Agricultural Fields	2023	Print ISBN:9781119760467 |Online ISBN:9781119763468	Yes	Wiley	https://doi.org/10.1002/9781119763468
55	Ms.Sheeja Pon Chakravarthy	6G Wireless Communication: Prospective Technological Advances	6G Communication Network Architecture, Security and Applications	2023	ISBN 9781032563985	Yes	CRC Taylor and Francis Group	https://www.taylorfrancis.com/books/edit/10.1201/9781003522003/6g-communication-network-ajay-kumar-vyas-narendra-khatri-sunil-kumar-jha
56	S.Devi	AIP conference Proceeding	Emotion analysis using improved deep belief network classifier	2023	1551-7616	Yes	AIP Publishing	https://doi.org/10.1063/5.0178847
57	Dr.Rajesh Ranganathan,Dr.G.Balamurugan	Advances in Mechanical and Materials Technology	Experimental and Theoretical Investigations of Support Structure Features and Build Time Management in PolyJet Technology	2022	978-981-16-2794-1	Yes	springer	https://link.springer.com/chapter/10.1007/978-981-16-2794-1_96
58	Dr.G.Suganya Priyadharshini	Advanced Manufacturing Techniques for Engineering and Engineered Materials	Recent trends in nontradional machining of alloys and composites	2022	978-1799895756	Yes	IGI Global	https://oa.mg/work/10.4018/978-1-7998-9574-9.ch004
59	Dr.C.Balaji Ayyanar	Intelligent Technologies for Sensors Applications, Design, and Optimization for a Smart World,	"Characterization of Syzygium cumini Particulates-Filled Epoxy Composites.,	2022	9.78177E+12	Yes	Apple Academic Press	https://doi.org/10.1201/9781003314851

60	Dr.C.Balaji Ayyanar	Advances in Diverse Applications of Polymer Composites Synthesis, Application, and Characterization	Characterization of Natural Particulates Filled and E-Glass Fiber Reinforced Sandwich Polymer Composites"	2022	9.78177E+12	Yes	Apple Academic Press	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003300526-2/characterization-natural-particulates-filled-glass-fiber-reinforced-sandwich-polymer-composites-balaji-ayyanar-marimuthu
61	Dr.C.Manivannan	Machine Learning Paradigm for Internet of Things Applications	Route Optimization for Perishable Goods Transportation System	2022	9.78112E+12	Yes	Wiley	https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119763499.ch9
62	Dr.S.Uma Maheswari,Ms.T.Shunbaga Pradeepa	Recent Trends in Electronics and Communication-Lecture Notes in Electrical Engineering	Analysis of Transient Fault Detection Models	2022	Online ISBN978-981-16-2761-3	Yes	Springer, Singapore.	https://doi.org/10.1007/978-981-16-2761-3_65
63	Dr.M.Poongothai,S.Dhanalakshmi	Secure Communication for 5G and IoT networks	IoT-Based Model Predictive Control Architecture for HVAC Systems and a Comprehensive Study of Security Issues of 5G and IoT	2022	Online ISBN978-3-030-79766-9	Yes	EAI/Springer Innovations in Communication and Computing	https://link.springer.com/chapter/10.1007/978-3-030-79766-9_8
64	Dr.I.S.Akila	Inventive Communication and Computational Technologies- Inventive Communication and Computational Technologies.	Performance analysis of Filter Bank Multicarrier System for 5G Networks	2022	Print ISBN 978-981-16-5528-9 Online ISBN 978-981-16-5529-6	Yes	springer	https://doi.org/10.1007/978-981-16-5529-6_31
65	Dr.P.Satheesh Kumar	SMART ANTENNAS-Part of the EAI/Springer Innovations in Communication and Computing book series (EAISICC)	A Low-Profile Compact EBG Integrated Circular Monopole Antenna for Wearable Medical Application	2022	978-3-030-76636-8	Yes	Springer	https://www.springerprofessional.de/en/a-low-profile-compact-ebg-integrated-circular-monopole-antenna-f/20098140
66	Josephine D. Diana, R. Ajay Kumar, M. Ganesamoorthi, A. Meshwin, and M. Athiq Ahmed	IoT Based Control Networks and Intelligent Systems	Wearable Band for Safety in Chemical Industries	2022	Online ISBN978-981-19-5845-8	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-19-5845-8_42
67	Dr.T.Balakumaran & Dr.P.Satheesh Kumar	Printed Antennas	Design of a compact multiband fractal antenna using ANN and firefly algorithm for wireless body area network	2022	978-100-33-4705-7	Yes	CRC Press, Taylor & Francis Group, FL,USA,	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003347057-11/design-compact-multiband-fractal-antenna-using-ann-firefly-algorithm-

								wireless-body-area-network-satheeshkumar-palanisamy-balakumaran-suganya-prabhu-osamah-ibrahim-khalaf
68	Dr.I.S.Akila	Expert Clouds and Applications-Lecture Notes in Networks and Systems.	Performance Analysis of OTFS Scheme for TDL and CDL 3GPP Channel Models	2022	Print ISBN 978-981-19-2499-6 Online ISBN 978-981-19-2500-9	Yes	springer	https://doi.org/10.1007/978-981-19-2500-9_54
69	R. Chandrasekaran	Power Electronics for Green Energy Conversion	Recent Advances in Fast-Charging Methods for Electric Vehicles	2022	9.78112E+12	Yes	Wiley	https://doi.org/10.1002/9781119786511.ch15
70	Dr M Kaarthik	Advances in Civil Engineering Volume - 5	Identification and Analysing the Factor Causing Foundation Failure in Construction Field Operation	2022	ISBN : 978-93-90846-74-0	Yes	Sector - 3, Rohini, Delhi-110085, India	https://doi.org/10.22271/ed.book.1130
71	Dr.E.Arul, A.Punidha	EAI/Springer Innovations in Communication and Computing	Artificial Intelligence to Protect Cyber Security Attack on Cloud E-Learning Tools (AIPCE)	2022	Print ISBN 978-3-030-86164-3 Online ISBN 978-3-030-86165-0	Yes	Springer	https://doi.org/10.1007/978-3-030-86165-0_3
72	S.Nithya, K.N Apinaya Prethi , DR.M.Sangeetha	Artificial Intelligence and Machine Learning for EDGE Computing	An intelligent framework to assess core competency using the level prediction model (LPM)	2022	ISBN 978-0-12-824054-0	Yes	sciencedirect	https://doi.org/10.1016/B978-0-12-824054-0.00005-8
73	K.N Apinaya Prethi , S.Nithya, Dr.M.Sangeeth	Handbook of Research on Real-Time Applications of Machine Learning in Cyber-Physical Systems	Comparing Machine Learning Algorithm And DNN for Anomaly Detection	2022	ISBN10: 1799893081|ISBN13 Softcover: 9781799893097|EISBN13: 9781799893103	Yes	IGI Global	https://www.igi-global.com/chapter/comparing-machine-learning-algorithms-and-dnn-for-anomaly-detection/299161
74	S. Raja Sree and Dr.A. Kunthavai	Technology and Health Care	Hubness weighted SVM ensemble for prediction of breast cancer subtypes	2022	978-981-16-9885-9	Yes	Springer Lecture Notes in Electrical Engineering	https://dl.acm.org/doi/abs/10.3233/THC-212825
75	Nithya, S., Revathi, M., Sathiya Sree, A., Sivapriya, T., Vaishnavi, P.	Disruptive Technologies for Big Data and Cloud Applications	Ensuring the Presence of a Person During Virtual Classes Using Histogram of Oriented Gradients (HOG) Algorithm	2022	Print ISBN 978-981-19-2176-6 Online ISBN 978-981-19-2177-3	Yes	Springer	https://link-springer-com-443.webvpn.synu.edu.cn/chapter/10.1007/978-981-19-2177-3_29

76	M. Prabhavathy, S. Uma Maheswari, R. Saveeth, S. Saranya Rubini, B. Surendiran	Rising Threats in Expert Applications and Solutions	A Novel approach for detecting online malware detection using performance metrics using LSTMRNN and BRNN based recurrent neural network in cloud environment	2022	ISBN-10: 9811911215 ISBN-13: 9789811911217	Yes	Lecture Notes in Networks and Systems (LNNS, volume 434) Pages 1-9	https://link.springer.com/chapter/10.1007/978-981-19-1122-4_1
77	S Poornima, G Kousalya	Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Deep Learning based Behavioral Analysis and Exploration of Emotions in ASD Children	2022	10.1109/ICAIS53314.2022.9742842	Yes	Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	https://www.researchgate.net/publication/359616377_Deep_Learning_based_Behavioral_Analysis_and_Exploration_of_Emotions_in_ASD_Children
78	Rajasekaran, S., Kousalya, G	Micro-Electronics and Telecommunication Engineering	Elderly Care Using Generative Adversarial Networks (GANs) on Deep Video Analysis	2022	Print ISBN 978-981-16-8720-4 Online ISBN 978-981-16-8721-1	Yes	Networks and Systems, vol 373. Springer, Singapore.	https://doi.org/10.1007/978-981-16-8721-1_6
79	Dr.M.Prabhavathy	Rising Threats in Expert Applications and Solutions	A Novel Approach for Detecting Online Malware Detection LSTMRNN and GRU Based Recurrent Neural Network in Cloud Environment	2022	978-981-19-1122-4	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-19-1122-4_1
80		Advances in Data-driven Computing and Intelligent Systems	An Enhanced Deep Learning techniques for crack detection in composite material images	2022	Print ISBN 978-981-99-0980-3 Online ISBN 978-981-99-0981-0	Yes	Springer	https://ouci.dntb.gov.ua/en/works/4bE0gv17/
81	Dr. B. Gayathri	"Characterization of Syzygium cumini Particulates-Filled Epoxy Composites	Intelligent Technologies for Sensors Applications, Design, and Optimization for a Smart	2022	9.78177E+12	Yes	Apple Academic Press, CRC Press, Taylor, and Francis group.	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003314851-5/characterization-syzygium-cumini-particulates-filled-epoxy-composites-balaji-ayyanar-marimuthu-gayathri?context=ubx&refId=f31e339c-c0be-4433-9238-494bf2dc2da0
82	Dr.A.Saravanan, Dr.M.Umarani, Dr.STANLY FELIX C	Advanced Computing and Intelligent Technologies	Maximum Relevancy and Minimum Redundancy Based Ensemble Feature Selection Model for	2022	1876-1100	Yes	Springer, singapore	https://link.springer.com/chapter/10.1007/978-981-19-2980-9_11

			Effective Classification					
83	Dr.M.Sujithra	Innovations in Science and Technology	Usability Analysis of Biometric Authentication Scheme for Smart Mobile Devices - Innovations in Science and Technology	2022	Print ISBN: 978-93-5547-430-8, eBook ISBN: 978-93-5547-439-1	Yes	BP International	BP International https://doi.org/10.9734/bpi/ist/v6/3277E
84	S Gayathri Devi	Sustainable Blended Learning in STEM Education for Students with Additional Needs	Maintaining Performance and QoS of Software Tools for Remote Teaching Environment.	2022	10.1007/978-981-99-3497-3	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-99-3497-3_10
85	Dr.E.Chandra Blessie	Springer Lecture notes in Electrical Engineering 828	Effective Classification of Autism Spectrum Disorder Using Adaptive Support Vector Machine	2022	ISSN 1876-1119	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-16-7985-8_44
86	Dr.M.Sujithra	Different Types of Network and System Security	-	2022	979-8886677577	Yes	Notion Press	https://www.amazon.in/Different-Types-Network-System-Security/dp/B09YHFB45Q
87	Dr.M.Sujithra	Machine Learning Real World Case Studies in Python	-	2022	978-6204977430	Yes	Lambert Academic Publishing	https://www.amazon.in/Machine-Learning-World-Studies-Python/dp/6204977431
88	Dr.P.Jagadesh	Global Challenges for a Sustainable Society	Circular Economy Policies in the Concrete Production	2022	2524-342X	Yes	Springer	https://link.springer.com/chapter/10.1007/978-3-031-25840-4_50
89	Dr.Rajalakshmi.M	Recent Trends in Electronics and Communication	Throughput Enhancement in Wireless Sensor Network by Novel Genetic Algorithm-Fuzzy Method (NGA-F)	2022	ISBN 978-981-16-2761-3	Yes	Springer	https://www.springerprofessional.de/en/throughput-enhancement-in-wireless-sensor-network-by-novel-genet/19955926
90	Dr.N.Geetha	Machine Learning and Big Data Analytics	Static and Dynamic Hand Gesture Recognition for Indian Sign Language	2022	ISSN:2367-3370	Yes	Springer	https://link.springer.com/chapter/10.1007/978-3-030-82469-3_5
91	Dr.N.K.Karthikeyan Ms.G.Thilagavathi	SpringerIn: Shakya, S., Du, KL., Haoxiang, W. (eds) Proceedings of Second International Conference on Sustainable Expert	IoT Technologies and Machine Learning Algorithms on Diabetes Prediction-Survey.	2022	ISBN:978-981-16-7656-7	Yes	Springer	https://doi.org/10.1007/978-981-16-7657-4_70

			Systems . Lecture Notes in Networks and System					
92	Mrs.S.Rajasree	Lecture Notes in Electrical Engineering	Early Breast Cancer Detection from Blood Plasma Using Hubness-Aware Adaptive Neural Network with Hybrid Feature Selection	2022	ISSN 1876-1100	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-16-9885-9_41
93	Dr. S. Gokul Kumar	Principles of Management	-	2022	978-93-5457-842-7	Yes	Amazon KDP - E-Book	https://www.amazon.in/Principles-Management-Dr-Gokul-Kumar-ebook/dp/B09GKH5W8W/ref=sr_1_1?crid=1K7BJJ8JW268G&dib=eyJ2IjoiMSJ9.zwuFJascrx5AS5sO97HTXoSxHNVMgflDueceEksDlYeVgJ28CZpqDKMoRIPq0rsIBzHJjzd_HbmtjqCeacMxs1a_JqzjvYq4B1D2ddQqp4kdOICcW85FdFqCa8yDqIOtpwCvlYz6XQ3VQ6fMeBYd1J6VtoKms94tOZ9y7aCQX8xjK7vBZFjdcRw0VVRjyO3I.bTGNJRXFbhkbJra4Ln0GnCZuZEj3N0t27jJvd_uIE60&dib_tag=se&keywords=principles+of+management+gokul+kumar&qid=1719996549&sprefix=principles+of+management+gokul+kumar%2Caps%2C219&sr=8-1
94	G.Thilagavathi	Medical Imaging and Health Informatics	Early Detection of Breast Cancer Using Machine Learning	2022	ISBN:9781119819165	Yes	Wiley Online Library	https://doi.org/10.1002/9781119819165.ch4
95	Nedunchezhian Raju, M. Rajalakshmi, Dinesh Goyal, S. Balamurugan, Ahmed Elngar, Bright Kesawn,	Empowering Artificial Intelligence Through Machine Learning	-	2022	ISBN: 9781771889308, Ebook- ISBN : 9781003055129,	yes	CRC - Apple Academic Press (Taylor and Francis Group), 1st Edition,	https://www.taylorfrancis.com/books/edit/10.1201/9781003055129/empowering-artificial-intelligence-machine-learning-nedunchezhian-raju-rajalakshmi-dinesh-goyal-balamurugan-

								[ahmed-elngar-bright-kesawn](#)
96	G.Thilagavathi	Part of the Algorithms for Intelligent Systems book series (AIS)	Garbage Segregator Using Deep Learning,Smart Data Intelligence	2022	ISBN:978-981-19-3313-4	Yes	Springer	https://doi.org/10.1007/978-981-19-3311-0
97	Dr.Rajalakshmi.M	IFIP Advances in Information and Communication Technology	Enhanced Residual Connections Method for Low Resolution Images in Rice Plant Disease Classification	2022	ISBN:978-3-031-16363-0	Yes	Springer,	https://doi.org/10.1007/978-3-031-16364-7_20
98	Dr. S. Gayathridevi,Chandia.s	Futuristic Trends in Networks and Computing Technologies	Design of Mobile Application for Farmers	2022	978-981-19-5036-0	Yes	Springer	https://www.springerprofessional.de/en/design-of-mobile-application-for-farmers/23715906
99	A.Kannammal, M.Sarathram, and R.Gokulavasan	Future mobile communications systems	Business Intelligence on retail data – A Decision-Making tool through a dashboard	2022	9.78877E+12	Yes	RiverPublishers	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770229852C14.pdf
100	A Kannammal and R R Venkatesz	Future mobile communications systems	Dynamic dashboard for real time Insights on Covid-19	2022	9.78877E+12	Yes	RiverPublishers	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770229852C11.pdf
101	Dr.P.Santhi Dr.A.Santha Devi	English Language Teaching: Past,Present and Future	Modern English Language Teaching Methods	2022	ISBN 978-93-93737-64-9	Yes	Shanlax Publications	https://www.shanlax.com/product/english-language-teaching/
102	Dr.E.Justin Ruben	English Language Teaching: Past,Present and Future	Teaching and Learning of a Second Language – Grammar Skills	2022	ISBN 978-93-93737-64-9	Yes	Shanlax Publications	https://www.shanlax.com/product/english-language-teaching/
103	Dr.Rajesh Ranganathan,Dr.G.Balamurugan	Advances in Materials Processing and Manufacturing Applications	Effects of Process Parameters on Build Time of PolyJet Printed Parts Using Taguchi Method	2021	978-981-16-0909-1	yes	springer	https://link.springer.com/book/10.1007/978-981-16-0909-1
104	Dr. Rajesh Ranganathan	Recent Advances in Manufacturing, Automation, Design and Energy Technologies	Examining the Build Properties of PolyJet Printed Multi-material Parts in Additive Manufacturing & Recent Advances in Manufacturing, Automation, Design and Energy Technologies.	2021	ISBN-13: 9789811642241 ISBN-10: 9811642249	yes	springer	https://www.springerprofessional.de/examining-the-build-properties-of-polyjet-printed-multi-material/19748578
105	Dr. Rajesh Ranganathan,Dr. C. Vivek	Machines, Mechanism and Robotics	Spur Gear Mechanism for Accurate Angular Indexing and Locking	2021	ISBN-10: 9811605521 ISBN-13: 9789811605529	yes	springer	https://www.springerprofessional.de/spur-gear-mechanism-for-

			of Angular Position by Using Additive Manufacturing					accurate-angular-indexing-and-locking-of/19380724
106	Dr. Rajesh Ranganathan	Fused Deposition Modeling Based 3D Printing	3D Printed Personalized Orthotic Inserts Using Photogrammetry and FDM Technology	2021	978-3-030-68024-4	yes	springer	https://link.springer.com/chapter/10.1007/978-3-030-68024-4_18
107	Dr.R.Sathiskumar	Copper Surface Composites by Friction Stir Processing	A statistical Approach with Microstructural Characterization	2021	978-613-8-93970-2	yes	Scholars Press	https://www.morebooks.shop/shop-ui/shop/product/978-613-8-93970-2
108	Dr.I.S.Akila	Advances in Machine Learning and Computational Intelligence	Blockchain Technology: A Concise Survey on Its Use Cases and Applications	2021	Print ISBN : 978-981-15-5242-7; Online ISBN: 978-981-15-5243-4	Yes	springer	https://consensus.app/papers/blockchain-technology-concise-survey-cases-applications-suganya/5cf666ed4fd7552dbd50923ea9bd2b21/
109	Dr.A.Rajeswari	Applied Soft Computing and Communication Networks-Lecture Notes in Networks and Systems(LNNS)	Interference Management Technique for LTE, Wi-Fi Coexistence Based on CSI at the Transmitter	2021	Online ISBN978-981-33-6173-7	Yes	SPRINGER	https://link.springer.com/chapter/10.1007/978-981-33-6173-7_17
110	Dr.P.Muthu Subramaniam	Lecture Notes in Mechanical Engineering,	LoRa based infrastructure for Medical IoT System	2021	Online ISBN 978-981-16-1769-0,Print ISBN 978-981-16-1768-3	Yes	Springer Singapore	https://link.springer.com/chapter/10.1007/978-981-16-1769-0_30
111	Dr.P.Satheesh Kumar	Future Trends in 5G and 6G	Design of Improved Quadruple-Mode Bandpass Filter Using Cavity Resonator for 5G Mid-Band Applications	2021	9.781E+12	Yes	Taylor & Francis	https://doi.org/10.1201/9781003175155
112	Mr.P.Satheeshkumar	Artificial Intelligence for COVID-19. Studies in Systems, Decision and Control	Diagnosing COVID-19 Virus in the Cardiovascular System Using ANN	2021	978-3-030-69744-0	Yes	Springer, Cham	https://doi.org/10.1007/978-3-030-69744-0_5
113	Dr S.Elango	Microgrid Technologies	Load Flow Analysis for Micro Grid - Wiley Online Library	2021	9.78112E+12	Yes	Wiley	https://doi.org/10.1002/9781119710905.ch7
114	Dr S.Elango	Microgrid Technologies	Power Quality Improvement in Microgrid System Using PSO-Based UPQC Controller - Wiley Online Library	2021	9.78112E+12	Yes	Wiley	https://doi.org/10.1002/9781119710905.ch11

115	Dr M Kaarthik	Current Advances in Civil Engineering Research - Vol.1	Study on Effective Way to Reduce Construction Waste using R Programming	2021	ISBN : 978-93-93502-92-6	Yes	Integrated Publications, H. No. - 3 Pocket - H34,	https://doi.org/10.22271/int.book.137
116	S.Saranya, Dr.M.Rajalakshmi	Lecture Notes on Data Engineering and Communications Technologies	Certain Strategic Study on Machine Learning-Based Graph Anomaly Detection	2021	eBook ISBN978-981-16-1866-6 Series ISSN2367-4512 Series E-ISSN2367-4520	yes	Springer Nature Singapore	https://link.springer.com/chapter/10.1007/978-981-16-1866-6_5
117	Dr.S.Karthikeyan,HariKishan K , Sathya K	Convergence of Blockchain Technology and E-Business	Structure, Security, Attacks, and countermeasures in the Block Network	2021	ISBN:9781000410778 , 1000410773	yes	CRC Press	https://www.routledge.com/Convergence-of-Blockchain-Technology-and-E-Business-Concepts-Applications-and-Case-Studies/Sumathi-Poongodi-Balusamy-Bansal-KhanKP/p/book/9781003048107
118	Priya, S., & Karthikeyan, N. K	Intelligent Systems, Technologies and Applications	Deep Learning Classification to Improve Diagnosis of Cervical Cancer Through Swarm Intelligence-Based Feature Selection Approach	2021	eBook ISBN978-981-16-0730-1	yes	Springer,Germany	https://link.springer.com/book/10.1007/978-981-16-0730-1
119	Dr.E.Arul, A.Punidha	SN Computer Science	Supervised Deep Learning Vector Quantization to Detect MemCached DDOS Malware Attack on Cloud.	2021	SN - 2661-8907	yes	Springer	https://doi.org/10.1007/s42979-021-00477-z
120	Dr.E.Arul, A.Punidha	Congress on Intelligent Systems	Adware Attack Detection on IoT Devices Using Deep Logistic Regression SVM (DL-SVM-IoT)	2021	Print ISBN 978-981-33-6980-1 Online ISBN 978-981-33-6981-8	yes	Springer Singapore	https://doi.org/10.1007/978-981-33-6981-8_14
121	Dr.E.Arul, A.Punidha	Lecture Notes in Networks and Systems	Karger's Randomness of Graphs to Detect XSS Attacks on IoT Devices	2021	Print ISBN 978-981-16-0979-4 Online ISBN 978-981-16-0980-0	yes	Springer	https://doi.org/10.1007/978-981-16-0980-0_47
122	Dr.E.Arul, A.Punidha	Smart Intelligent Computing and Communication Technology	Malicious Attack Identification Using Deep Non Linear Bag-of-Words (FAI-DLB)	2021	978-1-64368-202-0 (print)	978-1-64368-203-7 (online)	yes	IOS Press & 10.3233/APC210110	https://ebooks.iospress.nl/doi/10.3233/APC210110

123	Dr.T.Balakumaran,Dr.P.Satheesh Kumar	Green Engineering and Technology- Innovations, Design, and Architectural Implementation	Design of Pentagon Slot Based Multi-Band Linear Antenna Array For Energy Efficient Communication	2021	978-100-31-7-627-5	Yes	Taylor and Francis	https://doi.org/10.1201/9781003176275
124	Dr. S. Gokul Kumar	A Study on the Non-Performing Assets of Selected Public and Private Sector Banks in India	-	2021	978-93-5493-139-0	Yes	Amazon KDP - E-Book	https://www.amazon.in/Non-Performing-Assets-Selected-Public-Private-ebook/dp/B09HCLBWVD/ref=sr_1_2?crid=1XQ9T5CQMXD8O&dib=eyJ2IjoiMSJ9.3Xg7b-rS63emt0Fip4diyHg3PsDOeYT5YLaW_P24qBW-ySOh95N44oZ6suxflJBVUBBEAwpiJ_UimZLHOXn2_ijH6q4vX3xRNdUmo-XJAB4.QX06aW08t4oXEbsplE2a4hWVcHKHLLRDszZ08QrHoxI&dib_tag=se&keywords=non+performing+assets+gokul+kumar&qid=1719996645&sprefix=non+performing+assets+gokul+kumar%2Caps%2C215&sr=8-2
125	Dr.Rajalakshmi.M	Mobile Computing and Sustainable Informatics	Certain Strategic Study on Machine Learning-Based Graph Anomaly Detection	2021	ISBN:978-981-16-1866-6	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-16-1866-6_5
126	D.Manju	Springer - Advances in Intelligent Systems and Computing	Mining Temporal Sequence Patterns Using Association Rule Mining Algorithms for Prediction of Human Activity from Surveillance Videos	2021	978-981-19-2358-6	Yes	Springer, Singapore.	https://link.springer.com/chapter/10.1007/978-3-030-51859-2_43
127	Dr. Rajesh Ranganathan	Advances in Additive Manufacturing and Joining	Topology and Build Path Optimization for Reducing Cost in FDM Uprint SE	2020	978-981-32-9433-2	yes	springer	https://link.springer.com/chapter/10.1007/978-981-32-9433-2_16
128	Dr.G.Suganya Priyadharshini	Corrosion Protection at the Nanoscale	Corrosion protection of Magnesium Alloys in Simulated Body	2020	978-0-12-819359-4	yes	Elsevier	https://doi.org/10.1016/B978-0-12-819359-4.00003-9

			Fluids using Nanophase Al2O3					
129	Dr.S.Uma Maheswari	Advances in Intelligent Systems and Computing	HCCD: Haar-Based Cascade Classifier for Crack Detection on a Propeller Blade	2020	978-981-15-0028-2	Yes	Springer	vol 1045. Springer, Singapore. https://doi.org/10.1007/978-981-15-0029-9_33
130	Dr.M.Poongothai	Internet Of Things: Integration And Security Challenges	IoT based Smart Energy Management System	2020	9.78037E+12	Yes	CRC press Taylor & Francis publisher,	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003032441-12/iot-based-energy-management-system-poongothai-mahadevan
131	Dr.G.Puvaneswari	Emerging Trends In Engineering Research and Technology	Faults Classification in Analog Circuits Using Nearest Neighbours of Fault Variables	2020	DOI: 10.9734/bpi/etert/v8	yes	Book Publisher International	https://bp.bookpi.org/index.php/bpi/catalog/book/228
132	Ms.M.Ramya	Communication and Intelligent Systems	Imposition and Transmission of QPSK Communication through LabVIEW using USRP	2020	978-981-15-3325-9, 978-981-15-3324-2	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-3325-9_24
133	Ms.V.Sowmya	Machine Intelligence and Signal Processing	Speech Emotion Recognition for Tamil Language speakers	2020	978-981-15-1366-4	Yes	Springer Nature	https://doi.org/10.1007/978-981-15-1366-4 © Springer Nature Singapore Pte Ltd.
134	D.Diana Josephine, Suriya priya.M, Abinaya.P	Computing and Network Communications	IoT based smart and secure surveillance system using video summarization	2020	Online ISBN978-981-33-6977-1	Yes	Springer	https://doi.org/10.1007/978-981-33-6977-1_32.
135	Dr A. Kavithamani,	Intelligent Techniques and Applications in Science and Technology Conference paper	Augmented Reality Based Smart Ambulance System	2020	978-3-030-42362-9	Yes	Springer, Cham	https://doi.org/10.1007/978-3-030-42363-6_74
136	Dr. N. Saranya	Geotechnical Characterization and Modelling, Lecture Notes in Civil Engineering, Volume 85. Springer, Singapore	Effect of Particle Size on Surface Characteristics of Soil	2020	Print ISBN978-981-15-6085-9	Yes	Geotechnical Characterisation and Geoenvironmental Engineering, Springer	https://doi.org/10.1007/978-981-15-6086-6_2
137	Dr.E.Arul, A.Punidha	Information and Communication Technology for Intelligent Systems	Firmware Injection Detection on IoT Devices Using Deep Random Forest	2020	Print ISBN978-981-15-7077-3 Online ISBN978-981-15-7078-0	yes	Springer	https://doi.org/10.1007/978-981-15-7078-0_52
138	Dr.E.Arul, A.Punidha	IEEE Xplore Part Number: CFP20P17-ART	Firmware Attack Detection on Gadgets Using Kohonen's Self	2020	Electronic ISBN:978-1-7281-5821-1	yes	IEEE	https://www.semanticscholar.org/paper/Firmware-Attack-

								Detection-on-Gadgets-Using-Self-Arul-Punidha/42e25e482d3d135409de063c46dd23485f24d294
139	Dr.E.Arul, A.Punidha	Intelligent Systems and Computer Technology	Malicious SPAM Injection Attack Detection on Social Webpage Posts	2020	978-1-64368-102-3 (print) | 978-1-64368-103-0 (online)	yes	IOS Press & 10.1109/MC.2011.22	https://ebooks.iospress.nl/doi/10.3233/APC200187
140	Abirami S.P, Dr.G.Kousalya, P.Balakrishnan, Dr.Karthik	Interdisciplinary Approaches to Altering Neurodevelopmental Disorder	Activity Recognition System through Deep Learning Analysis as An Early Biomarker of ASD Characteristics	2020	ISBN13: 9781799830696|ISBN10: 1799830691|EISBN13: 9781799830702	yes	IGI Global	https://www.igi-global.com/gateway/chapter/254679
141	Abirami S.P, Dr.G.Kousalya ,P.Balakrishnan, Dr.Karthik	Intelligent Systems, Technologies and Applications	A Meta-Heuristic Model Based Computational Intelligence in Exploration and Classification of Autism in Children	2020	Print ISBN978-981-15-3913-8 Online ISBN978-981-15-3914-5	yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-3914-5_6
142	M. Sangeetha, K.N Apinaya Prethi, S.Nithya	Emerging Trends in Engineering Research and Technology Vol.1	Hybrid Neural Network for Human Activity Recognition	2020	SBN-13 (15) 978-93-89816-51-8	yes	Book Publisher International London	https://stm1.bookpi.org/index.php/etert-v1/article/view/1054
143	Dr.M.Sangeetha, K.N Apinaya Prethi , S.Nithya	Artificial Intelligence Trends for Data Analytics Using Machine Learning and Deep Learning Approaches	Proficient Prediction of Acute Lymphoblastic Leukemia Using Machine Learning Algorithm,	2020	9.78037E+12	yes	CRC Taylor and Francis Group	https://www.taylorfrancis.com/chapters/edit/10.1201/9780367854737-9/proficient-prediction-acute-lymphoblastic-leukemia-using-machine-learning-algorithm-sangeetha-apinaya-prethi-nithya
144	M. Thirumarimurugan	Bioresource Utilization and Bioprocess	Biodiesel – A Review on Recent Advancements in Production	2020	ISBN 978-981-15-1607-8	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-1607-8_13
145	V.M.Sivakumar and M.Thirumarimurugan	Current Developments in Biotechnology and Bioengineering Resource Recovery from Wastes, Elsevier publications	Food waste valorization for biopolymer production	2020	Paperback ISBN: 9780444643216; eBook ISBN: 9780444643223	Yes	Elsevier publications	https://doi.org/10.1016/B978-0-444-64321-6.00012-4
146	B. Uma Maheswari, V. M. Sivakumar and M. Thirumarimurugan	Comparative and Kinetics Studies of Organo-Nano-Kaolin Clay And Organo-Nano-Bentonite Clay as the Adsorbents for	Lecture Notes on Multidisciplinary Industrial Engineering, Global Challenges in Energy and Environment	2020	ISBN 978-981-13-9213-9	Yes	Springer Nature Singapore	https://doi.org/10.1007/978-981-13-9213-9_4

		the Reduction of Chromium (VI) from Tannery Effluent					
147	Dr. V. Radhamani	Second International Conference on Computer Networks and Communication Technologies	PT-GA-IRIAL: Enhanced Energy Efficient Approach to Select Migration VMs for Load Balancing in Cloud Computing Environment	2020	978-3-030-37050-0	Yes	Springer, Cham	https://link.springer.com/chapter/10.1007/978-3-030-37051-0_66
148	Ms.K.Harini	Advances in Automation, Signal Processing, Instrumentation, and Control	Smart Digital Bus Ticketing System	2020	Online ISBN978-981-15-8221-9 / Print ISBN 978-981-15-8220-2	Yes	Springer Nature Singapore	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_79
149	Dr.R.Sandhiya	Green Computing and Predictive Analytics for Healthcare	Big Data Analytics And K-Means Clustering Headed For Patient Health Records For A Healthier Life	2020	ISBN:9780429317224	Yes	CRC Press	https://doi.org/10.1201/9780429317224
150	Dr.E.Arul	: Communications in Computer and Information Science	Firmware Attack Detection on Gadgets Using Ridge Regression (FAD-RR)	2020	ISSN1865-0929	Yes	Springer	https://doi.org/10.1007/978-981-16-0708-0_19
151	Dr.E.Arul	Lecture Notes in Networks and Systems	Firmware Attack Detection on IoT Devices Using Deep Binary Pattern Classification Mining (FA-PCM)	2020	ISSN:2367-3370	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-8354-4_38
152	Dr.P.Santhi& Mrs. A.santha Devi	Innovations in Language and Literature	Skill Based Approach in Teaching Language and Literature	2020	2020978-93-89515312	Yes	Bonfring	https://www.researchgate.net/profile/Anuradha-Vedadri/publication/348760648_Book-_Innovations_in_Language_and_Literature_Chapter-_16_The_Discrete_Use_of_Storytelling_Approach_has_the_Potential_of_Fostering_a_Better_Learning_Atmosphere_in_the_ESL_Classroom_-_A_Review/links/600fe961a6fdccdcb87f43c4/Book-Innovations-in-Language-and-Literature-Chapter-16-The-Discrete-Use-of-Storytelling-

153	Dr.V.Arthy & Dr.P.Santhi	Innovations in Language and Literature	A Study on the Attitude of Students in Accepting Dogme Reactive Teaching Technique	2020	2020978-93-89515312	Yes	Bonfring	https://www.researchgate.net/profile/Anuradha-Vedadri/publication/348760648_Book-_Innovations_in_Language_and_Literature_Chapter-_16_The_Discrete_Use_of_Storytelling_Approach_has_the_Potential_of_Fostering_a_Better_Learning_Atmosphere_in_the_ESL_Classroom_-_A_Review/links/600fe961a6fdccdcb87f43c4/Book-Innovations-in-Language-and-Literature-Chapter-16-The-Discrete-Use-of-Storytelling-Approach-has-the-Potential-of-Fostering-a-Better-Learning-Atmosphere-in-the-ESL-Classroom-A-Review.pdf
154	Dr. Rajesh Ranganathan,Dr. C. Vivek	3D Printing and Additive Manufacturing Technologies	Design and Development of Orthosis for Clubfoot Deformity	2019	978-981-13-0305-0	yes	springer	https://link.springer.com/chapter/10.1007/978-981-13-0305-0_12
155	Dr. Rajesh Ranganathan,G.Sivakumar	3D Printing and Additive Manufacturing Technologies	Design and Development of Drug Delivery System for Chronic Wound Using Additive Manufacturing	2019	978-981-13-0305-0	yes	springer	https://link.springer.com/chapter/10.1007/978-981-13-0305-0_11
156	Mr.K.Muralidharan,Ms.K.Harini	Innovative Teaching Practise for 4G Students	Active Teaching-Learning Practice	2019	ISBN-13 (15) 9789388413404	Yes	IOR International Press	https://doi.org/10.34256/iorip19141
157	Dr.A.Rajeswari,Dr.B.Premalatha,Ms. Cynthia Joseph	Artificial Intelligence Trends for Data Analytics Using Machine Learning and	Role Of Machine Learning In Social Area Networks	2019	ISBN 9780367854737	Yes	CRC Press, Taylor & Francis Group, FL, USA	https://doi.org/10.1201/9780367854737

			Deep Learning Approaches					
158	Dr.A.Rajeswari	Communication and Intelligent Systems-Lecture Notes in Networks and Systems	Imposition and Transmission of QPSK Communication Through LabVIEW Using USRP.	2019	Online ISBN978-981-15-3325-9	Yes	Springer, Singapore.	https://doi.org/10.1007/978-981-15-3325-9_24
159	Dr.S.Uma Maheswari	Emerging Trends in Computing and Expert Technology-Lecture Notes on Data Engineering and Communications Technologies	Remote Network Injection Attack Using X-Cross API Calls.	2019	978-3-030-32150-5	Yes	Springer, Singapore.	https://link.springer.com/chapter/10.1007/978-3-030-32150-5_142
160	Dr.P.Muthu Subramaniam	Lecture Notes in Electrical Engineering	Novel Approach for Power Analysis in Microcontrollers	2019	978-981-15-2612-1 978-981-15-2611-4	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-2612-1_50#citeas
161	Dr. N. Saranya	Geotechnical Characterisation and Geoenvironmental Engineering, Springer	Effect of Pore Size Distribution on Unconfined Compressive Shear Strength	2019	Print ISBN 978-981-13-0898-7	Yes	AkiNik Publications, Delhi-110085, India	https://doi.org/10.1007/978-981-13-0899-4_10
162	Dr.S.Arulselvan,Dr.S.Brindha	Seismic behaviour of three bay four storey in-filled RC Frames,	LAMBERT Academic Publishing AG & Co. KG Saarbrücken, Dudweiler Landstraße 99, Saarbrücken, Dudweiler Landstraße 99, 66123 Saarbrücken, Germany, 2018	2019	ISBN-10 : 6139992354, ISBN-13 : 978-6139992355	Yes	LAMBERT Academic Publishing AG & Co. KG Saarbrücken, Dudweiler Landstraße 99, Saarbrücken, Dudweiler Landstraße 99, 66123 Saarbrücken, Germany, 2018	https://www.amazon.com.au/Seismic-Behaviour-Storey-Filled-Frames/dp/6139992354
163	Malar, A Christy Jeba; Kousalya.G;	Smart Innovations in Communication and Computational Sciences	Fingerprint-Based Support Vector Machine for Indoor Positioning System	2019	978-981-10-8971-8	yes	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-10-8971-8_26
164	Arunkumar B, Dr G Kousalya	Advances in Intelligent Systems and Computing Series.	Blockchain-Based Decentralized and Secure Lightweight E-Health System for Electronic Health Records,	2019	Print ISBN978-981-15-3913-8 Online ISBN978-981-15-3914-5	Yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-3914-5_21
165	R.Saveeth, Dr.S.Umamaheshwari	Advances in Intelligent Systems and Computing	HCCD: Haar Based Cascade Classifier for Crack Detection on A Propeller Blade	2019	Print ISBN978-981-15-0028-2 Online ISBN978-981-15-0029-9	yes	Springer	https://link.springer.com/chapter/10.1007/978-981-15-0029-9_33
166	Arunkumar B	,Advances in Intelligent Systems and Computing Series.	Blockchain-Based Decentralized and Secure Lightweight E-	2019	Print ISBN978-981-15-3913-8	yes	Springer	https://link.springer.com/chapter/10.1007

			Health System for Electronic Health Records		Online ISBN978-981-15-3914-5			[/978-981-15-3914-5_21](#)
167	Dr.A.Kunthavai, S.Saranya Rubini	Soft Computing and Signal Processing	Deep convolutional neural network-based diabetic retinopathy detection in digital fundus images	2019	Print ISBN978-981-13-3599-0 Online ISBN978-981-13-3600-3	yes	Springer	[https://link.springer.com/chapter/10.1007/978-981-13-3600-3_19](#)
168	Dr.Hemalatha KV	Interfacial Engineering in functional materials for Dye sensitized solar cells	Dye sensitized solar cells: History, Components, Configuration and working Principle	2019	Print ISBN:9781119557333 |Online ISBN:9781119557401	Yes	wiley publishers	[https://onlinelibrary.wiley.com/doi/10.1002/9781119557401.ch1](#)
169	S Gayathri Devi	Advances in Intelligent Systems and Computing. Springer Book Series.	Honest Forwarding Node Selection with Less Overhead and Stable Path Formation in MANET	2019	Print ISBN 978-981-13-1881-8 Online ISBN 978-981-13-1882-5	Yes	Springer	[https://link.springer.com/chapter/10.1007/978-981-13-1882-5_41](#)
170	S.P.Abirami, G.Kousalya, Balakrishnan, R.Karthick	Deep Learning and Parallel Computing Environment for Bioengineering Systems	Varied Expression Analysis of Children With ASD Using Multimodal Deep Learning Technique	2019	978-0-12-816718-2	yes	Science Direct	[https://doi.org/10.1016/B978-0-12-816718-2.00021-X](#)
171	Dr.N.K.Karthikeyan	Advances in Computer Communication and Computational Sciences	Cancer Prediction through a Bacterial Evolutionary Algorithm Based Adaptive Weighted Fuzzy C-Means Approach	2019	ISSN:2194-5357	Yes	Springer	[https://link.springer.com/chapter/10.1007/978-981-13-0341-8_9](#)
172	Dr.N.K.Karthikeyan	Smart Innovations in Communication and Computational Sciences	An Innovative Technique toward the recognition of carcinoma Using Classification and Regression Technique	2019	ISSN:2194-5357	Yes	Springer	[https://link.springer.com/chapter/10.1007/978-981-10-8971-8_7](#)