

SRI VENKATESWARA COLLEGE OF ENGINEERING
Dean (Research), Office of Dean (Research)

Books/Book chapters published by faculty for the Academic year 2022-2023

S. No.	Name of the Faculty (all coauthors)	Title of the Book/Book Chapter	Details of the Book
1.	Kanagam Nachiappan , Assistant Professor/ BIO Nagaraj Nallakaruppan, Mariadoss Alphonse, Manoj Sekaran, Chandra Veluchamy, Siva Ramamoorthy, Kalaivani Thaigarajan, and Rajasekaran Chandrasekaran	Status, Conservation, and Sustainability on Medicinal Plant Resources of India	Plant Genetic Resources, Inventory, Collection and Conservation Book Chapter 17 , 978-981-16-7698-7, Springer https://link.springer.com/book/10.1007/978-981-16-7699-4
2.	Dr Y Usha Rani Mrs V Sreeprada Dr A Prasanth, AP/ECE Dr A K Srivastav	An Introduction to Statistical Learning: with Application in Python	Book Notion Press , Feb. 2022
3.	Dr N.M. Balamurugan , ASP/CSE Mr TKS Rathish babu, Ms K Maithili and Mr M. Adimoolam	Energy Optimized Techniques in Cloud and Fog Computing	Hybrid Intelligent Optimization Approaches for Smart Energy” WILEY Book Chapter 2 ISBN: 978111982124.
4.	Dr N. M. Balamurugan , ASP/CSE Dr N. Revathi and Ms R. Gayathri	Road Network Energy Optimization Using IoT and Deep Learning	Hybrid Intelligent Optimization Approaches for Smart Energy” WILEY Book Chapter 7 ISBN:978111982124. https://scrivenerpublishing.com/cart/title.php?id=754
5.	J.Vijayarangam , S.Perumal, J.Viswanath	Inventory Queuing System Study using Simulation and Birth– Death Process	Advances in Intelligent Systems and Computing, vol. 1422, Springer, Singapore

6.	Dr.T.Padmavathy , AP/CSE Dr.C.Muralidharan and Dr.Y.Mohmed Sirajuddin	Cloud Based Industrial IoT to Facilitate Efficient Data Analytics	Cloud Analytics for Industry 4.0" , De Gruyter, 2022, Vol.6, pp.31-51. https://doi.org/10.1515/9783110771572-003
7.	Dr R Sebathi Priya Dr A Renugambal Dr J Vijayarangam AP/APM	Engineering Applications with Graph Theory	Shanlax Publications, Madurai, ISBN : 978-93-94899-71-1, 2022
8.	Dr A Prasanth/ AP/ECE Ms D Lakshmi Mr Rajesh Kumar Dhanaraj Mr P C Sherimon	Cognitive Computing for Internet of Medical Things	Taylor and Francis, 2022. ISBN 9781032187884
9.	Dr M Mohandass, ASP/MEC Mr V Gurusamy, ASP/MAR Mr D Nithyanand, PT Research Scholar Dr Deepak Lawrence, FT Research Scholar, SVCE-RF	Metal shaping processes	AGPH Books ISBN : 978-93-94339-88-0
10.	Dr M K Sandhya Dr V M Sivagami, Professor/INT	Fundamentals of Data Science and Analytics	Sruthi Publishers, R2021, AU, 2022. ISBN 13:978-81-960116-3-5
11.	Ms. S. U. Muthunagai, Dr. M. S. Girija, Ms. R. Iyswarya, Ms. R. Poorani and Dr. R. Anitha	Crowd Density Estimation Using Neural Network for COVID-19 and Future Pandemics	System design for Epidemics using Machine learning and Deep learning , Springer, Chapter 7 , Pages : 257 – 270, Feb 2023. https://link.springer.com/chapter/10.1007/978-3-031-19752-9_15 DOI: 10.1007/978-3-031-19752-9_15
12.	Dr S Saravanan, Professor/MEC Mr J Sivaramapandian Assistant Professor/MEC and Mr A Ranjith Raj	Thermal Management System for Batteries in Electric Vehicles	Artificial Intelligence Applications in Battery Management Systems and Routing Problems in Electric Vehicles ", Chapter 14, pp.302-312. Book Chapter Link : https://www.igi-global.com/chapter/thermal-

			Management System-for-batteries-in-electric-vehicles/318610 DOI:10.4018/978-1-6684-6631-5.ch014
13.	K. Rajesh , M. P. Natarajan, P. K. Devan , Dr S Ponnuel , ASP/MEC V. Dillibabu, and S. Arun Kumar	Effect of Intake Air Preheat on Diesel Engine Performance Fueled with Coconut Fatty Acid Distillate Biodiesel	Lecture notes in Mechanical Engineering (Recent advances in energy technologies)- Springer Nature, 2023. ISBN 978-981-19-3467-4
14.	Dr. R. Anitha, Professor and Head, Mrs.Rupa Kesavan., Mrs.Poorani, S., Mrs.Iyswarya, R., Mrs. Muthunagai, S.U., Mr.Vijayaraja, L Department of Computer Science and Engineering,	Convergence Perceptual Model for Computing Time Series Data on Fog Environment	Computer Vision and Machine Intelligence Paradigms for SDG, Chapter 7, Pages : 15–23 , Feb 2023, Springer.
15.	Dr. K. Kiruthika Devi, Associate Professor/INT Dr. G.A. Sathish Kumar, Professor/ECE, and Dr BT Shobana	Ensemble Learning Based Feature Selection for Detection of Spam in the Twitter Network	Algorithms for Intelligent Systems, Springer, Chapter 50, Pages : 627–636 , March 2023. https://link.springer.com/chapter/10.1007/978-981-19-8742-7_50 https://doi.org/10.1007/978-981-19-8742-7_1
16.	Dr R Muthucumaraswamy	Transforms and Partial Differential Equations, Third edition	Yes Dee Publishing Pvt Ltd., ISBN: 978-93-91549-47-3
17.	Ms N Karpagam Kaaviya Velmurugan, Harini Gurumurthy Vedavalli, II year UG and Abirami Krishnan, Gopinath Sekar, Yamunadevi	Impact of Blue Green Algae on heavy metal remediation: A clean Green Approach	Climate change: Conservation Biodiversity, & Sustainability released by the Assam Agricultural University, Jorhat, 2023.

	Balakrishnan of M.Tech I year		
18.	Dr B Thilaka B Poorani and S Udayabaskaran	Performance Analysis of an M/M/2 Queue with Partially Active Server Subject to Catastrophe	Applications of Operational Research in Business and Industries. Lecture Notes in Operations Research. Springer , Singapore, 2023. https://doi.org/10.1007/978-981-19-8012-1_16