

Book Chapters

S.No.	Author(s)	Title of Paper/ Chapter	Name of the Book	Publisher year	Vol.No/ issue no	Page Nos	ISBN
1.	Dhivyaprabha, T.T., Subashini, P., Krishnaveni, M., Santhi, N., Ramesh Sivanpillai and Jayashree, G.	An Intelligent Estimation Model for Water Quality Parameters Assessment at Periyakulam Lake, South India	Intelligent Environmental Data Monitoring for Pollution Management	Elsevier 2021	Nil	161-193	978-0-12- 819671-7.
2.	Manonmani M, Dr.SarojiniBalakrish nan	Semantic Annotation of Healthcare Data	Handbook of artificial intelligence in biomedical engineering. Biomedical Engineering: Techniques and Applications Series	Apple Academic Press, USA 2021	-	217-232	ISBN 978-1- 77188-920-9
3.	Manonmani M, Dr.SarojiniBalakrish nan	Review of Optimization- Based Feature Selection Algorithms on Healthcare Dataset	Emerging Research in Data Engineering Systems and Computer Communications, Advances in Intelligent Systems and Computing	Springer Nature, Singapore 2020	Vol. No. 1054	231-238	ISBN 978-981- 15-0135-7
4.	Manonmani M, Dr.SarojiniBalakrish nan	A Review of Semantic Annotation Models for Analysis of Healthcare Data Based on Data Mining Techniques.	Emerging Research in Data Engineering Systems and Computer Communications, Advances in Intelligent Systems and Computing	Springer Nature, Singapore 2020	Vol.No. 1054	239-246	ISBN 978-981- 15-0135-7
5.	Dr.N.Valliammal Ms.BaraniShaju	Malware and Anomaly Detection Using Machine Learning and Deep Learning Methods	Handbook of Research on Machine and Deep Learning Applications for Cyber Security	IGI Global Publications, July 2019.		104-131	1865-0929

6.	Dr.N.Valliammal Dr.S.Shanmugapriya	Big Data Analytics with Machine Learning and Deep Learning Methods for Detection of Anomalies in Network Traffic	Big Data Analytics With Machine Learning and Deep Learning Methods for Detection of Anomalies in Network Traffic	IGI Global Publications, July 2019.		317-346	317-346
7.	Narayan, Valliammal and Shanmugapriya D	Big Data Analytics With Machine Learning and Deep Learning Methods for Detection of Anomalies in Network Traffic	Handbook of Research on Machine and Deep Learning Applications for Cyber Security	IGI Global Publications, 2019	-	317-346	ISBN13: 9781522596110 ISBN10: 1522596119 EIS BN13: 9781522596134
8.	Rama Mercy Sam Sigamani	Adoption of Machine Learning with Adaptive Approach for Securing CPS	Handbook of Research on Machine and Deep Learning Applications for Cyber Security	IGI Global Publications, 2019		388-415	ISBN13:978152 2586110
9.	Shanmugapriya D., &Ganapathi, P	A Framework for Improving the Accuracy of Keystroke Dynamics-Based Biometric Authentication Using Soft Computing	Biometric Authentication in Online Learning Environments	IGI Global Publications, 2019		208-235	ISBN13: 9781522577249 ISBN10: 1522577246 EIS BN13: 9781522577256
10.	Subashini, P., Krishnaveni, M., Dhivyaprabha, T.T. Shanmugavalli, R	Review on Intelligent Algorithms for Cyber Security	Handbook of Research on Machine and Deep Learning Applications for Cyber Security,	IGI 2019	Nil	1-22	1948-9730, eISSN: 1948- 9749

11.	Krishnaveni, M., Subashini, P. and Dhivyaprabha, T.T.	An Assertive Framework for Automatic Tamil Sign Language Recognition System using Computational Intelligence	Springer Nature Inspired Optimization Techniques for Image Processing Applications	Springer 2018	Vol:150	55-87	E-ISSN: 978-3-319-96002-9, print ISBN: 978-3-319-96002-9,
12.	S.GaneshBabu, B.Sarojini	Digital Color Image Watermarking Using DWT SVD Cuckoo Search Optimization	Bio-Inspired Computing for Image and Video Processing	CRC Press 2018	-	227-244	ISBN 978-1-4987-6593-0
13.	Dhivyaprabha, T.T.Krishnaveni, M., Subashini, P.	Optimized weighted median filter using M-CPSO for efficient removal of impulse noise in Tamil sign language digital images'	Book Chapter in Advanced Engineering Research and Applications	Research India Publications April 2017	Chapter 28, Vol. II	415 – 430	978-93-86138-58-3
14.	Dr.N.Valliammal	A Roadmap and the Way Forward to Shape Education to Individual Learning Style- Two Day National Conference on Teaching in Technological Era,	Bonfring-Intellectual Integrity	Bonfring Publisher 2017		6 - 9	9789386638120
15.	M.Bhuvaneswari V.Srividhya	Enhancing the Sentiment Classification Accuracy of Twitter Data using Machine Learning Algorithms	Statistical Approaches on Multi Disciplinary Approaches	Shanlax Publications 2017	Vol11	185-194.	978-93-86537-29-4
16.	Dr.N.Valliammal	A Feature Selection Algorithm For Plant Identification Through Leaf	Handbook on Computer And Information Technology (HCIT)	Research India Publications,		1-8	

		Recognition		New Delhi January 2016			
17.	JebaPraba. J Srividhya V	Big Data Analytics in Healthcare"	Recent Trends in Science and Technology-2016	Christ Publications Rajkot, India 2016	Vol.3	212- 215	978-81-929521- 2-3
18.	Dr.N.Valliammal V.Srividhya	Internet of Things, (2016), "Impact of Internet of Things on Future of Education – An Overview"	World Scientific News	Online Book Publishing 2016		296-301	2392-2192
19.	J.JebaPraba V.Srividhya	Comparative Study of Big Data Open Source tools	Recent Trends in Science and Technology-2015	Christ Publications Rajkot, India 2015	Vol.2	85-89	978-81-929521- 1-6
20.	S.Visalakshi and V.Radha	An Enhanced K-Means Clustering Based Outlier Detection Techniques to Improve Water Contamination Detection and Classification	Smart Innovation, Systems and Technologies, Computational Intelligence in Data Mining	Springer Publications, 2015	1	303-313	978-81-322- 2204-0
21.	Savitha Balakrishnan, Subashini.P, Krishnaveni M	Computational Intelligence Based Cell Nuclei Segmentation from Pap Smear Images’, Biomedical Image Analysis and Mining Techniques for Improved Health Outcomes	a Volume in IGI Global book series Advances in Bioinformatics and Biomedical Engineering (ABBE),	IGI 2015	Chapter 13	262 – 284.	ISSN: 2327- 7033; eISSN: 2327-7041

