



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
 Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
 Elayampalayam, Tiruchengode - 637205.

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3.4.4 Number of books and chapters in edited volumes/books published per teacher during the year of 2023-2024

3.4.4.1 : Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during 2023-2024

Sl.No.	Name of the Faculty	Title of the book / Chapter Published / Paper in conference proceeding	Type	Name of the publisher	Link to Document
1.	Dr.K.Baskar	Biosensors and Measurements	Book	Prime International Publishing House	View
2.	Dr.K. Baskar, Dr.R.Kumar, R.Dhanapal, G.Kanimozhi, A.Anjali	Critical Analysis of Heart Attack Disease Prediction using supervised Learning Algorithms	Conference Proceedings	Selvam College of Technology	View
3.	Dr.K. Baskar, Dr.R.Kumar, Dr.N.Magendiran R.Dhanapal, G.Kanimozhi, A.Anjali	Comparative Analysis of Machine learning Algorithms to predict Liver Disease	Conference Proceedings	Selvam College of Technology	View
4.	R. Dhanapal, Dr.K.Baskar, Dr.R.Kumar, A.Anjali	Social Media multicasting Confidentiality using Bloom Hash Signcryption	Conference Proceedings	Selvam College of Technology	View

5.	Dr.N.Prabhu	Mycogenic Nanoparticles and their Biological Applications: Present Status and Prospective Challenges	Book Chapter	Elsevier	View
6.	Dr.N.Prabhu	Myconanotechnology in agricultural and Veterinary Sector	Book Chapter	Elsevier	View
7.	Dr.S.Chozhavendhan	Sustainable Development of Bioenergy and Its Impacts on Ecosystem	Book Chapter	Springer Nature Singapore Pte Ltd	View
8.	Dr.S.Chozhavendhan	Integrated Approaches for Economic Sustainability of Biofuel Industries	Book Chapter	Springer Nature Singapore Pte Ltd	View
9.	Dr.N.Prabhu	Myconanoremediation of Various Environmental toxicants: Challenges and Future Perspectives	Book Chapter	IWA Publishing	View
10.	M.Vijay Pradhap Singh	Production of organic chick feed generated from maize waste industry and its application in body mass index	Book Chapter	LAMBERT Academic Publishing	View
11.	Dr.M.Rajamehala	Bioenergy: A Need for Environmental Sustainability	Book	SRR Publicizing Research	View
12.	Dr.R.Nithya	Basic concepts of computer system security	Book	NTL Technology	View
13.	B.Ananthi	Introduction to IOTS and its Applications	Book	Deccan	View
14.	Dr.R.Nithya	Scaling Robot Intelligence with Cloud-Based Cloning Platforms	Book Chapter	IGI Global	View

15.	Dr.R.Nithya	IOT Cloud-Based DAM Monitoring for Timely Decision Making	Book Chapter	IIP Series	View
16.	B.Manivannan	Machine learning algorithms for the Detection of Threats in IOT Healthcare	Conference Proceedings	IEEE Xplore	View
17.	Dr.R.Nithya, D.Radhika, A.Saranya, K.Rajeswari	An Experimental Clinical Study on Advanced Breast Cancer Detection using Convolution Neural Networks with Improved Optimization Techniques	Conference Proceedings	IEEE Xplore	View
18.	Subramaniam Balu	Comparative Analysis of Handwritten Digit Recognition Investigation using Deep Learning Model	Book Chapter	Springer	View
19.	S.Uma	A Comparative Exploration in Text Classification for Hate Speech and Offensive Language Detection using BERT-Based and GloVe Embeddings	Conference Proceedings	IEEE Xplore	View
20.	A.Devendhiran	An Improved Ant Lion Optimization Algorithm Based Convolutional Neural Network for Big data Classification	Conference Proceedings	IEEE Xplore	View

21.	A.Devendhiran	Leveraging Network Vulnerability Detection using Improved Import Vector Machine and Cuckoo Search based Grey Wolf Optimizer	Conference Proceedings	IEEE Xplore	View
22.	S.Fowjiya	Stochastic Quantum Bolt-Belief Neural Network-Based Insrusion Detection with Two-Fish Digital Hash Cryptography for Data Security	Book Chapter	IGI Global	View
23.	Dr.N.Magendiran	AI Powered Website with Cinematic Photo Theme	Conference Proceedings	Sri Krishna College of Technology	View
24.	Dr.P.T.Kalaivaani	Knowledge Driven Decision Making in Earth Monitoring Systems	Book Chapter	IGI Global	View
25.	Dr.P.T.Kalaivaani	Toward Artificial General Intelligence Deep Learning, Neural Networks, Generative AI/Evaluation of AI model performance	Book Chapter	Deutsche National	View
26.	Dr.S.Sasikanth	IoT based Food Spoilage Detection Monitoring using Blynk	Conference Proceedings	IEEE Xplore	View
27.	Dr.P.T.Kalaivaani	Design and Behavioral Analysis of Students during	Conference Proceedings	IEEE Xplore	View

		Examination using Distributed Machine Learning			
28.	Dr.K.Satheshkumar	Computational Overhead Analysis for Mitigation of content Poisoning Attack in NDN - based IOT Body Area Network	Conference Proceedings	Elsevier	View
29.	B.Sakthivel	Rice Quality Prediction using Convolution Neural Network	Conference Proceedings	IEEE Xplore	View
30.	B.Sakthivel	Analysis of Visual Expression of Light and Color in Movies Based on Wavelet Neural Network	Conference Proceedings	IEEE Xplore	View
31.	B.Sakthivel	Enhancing Sentiment Analysis of Twitter Data Using Recurrent Neural Networks with Attention Mechanism	Conference Proceedings	IEEE Xplore	View
32.	Dr.R.Kavitha	Efficient Approach towards detection and Classification for Image Forgery by using Machine learning Techniques	Conference Proceedings	IEEE Xplore	View
33.	R.S.MathuBala	A Distinctive Cross-Chain Trading Platform Based on Block Chain Technology	Conference Proceedings	IEEE Xplore	View

34.	E.Thangadurai, I.Kalaiyarasi, B.Madhubala	The Future is Now : A Guide to using Machine Learning for Real World Applications	Book	Lambert Academic Publishing	View
35.	E.Thangadurai, C.Visali, R.Logambal, S.Brindha	Machine Learning for Health care Informatics: Extracting Valuable insights from Big data	Book	Notion Press	View
36.	Dr.A.V.Santhosh Babu	R Programming	Book	Prime International Publishing House	View
37.	Dr. A Panneerselvam	Engineering Physics	Book	Dhanam Publications	View
38.	Dr. S Mageswari, Dr. G. Vijayakumar, A. Preethi	Environmental Science and Engineering	Book	Rk Publishers	View
39.	Dr. S Mageswari, Dr. K. Balachandran, M.S Viswaksenan	Engineering Chemistry	Book	Rk Publishers	View
40.	Dr G.Vijayakumar	AI-Based Cameras to Detect a Leak of Chemicals or Gas in Real Time	Book Chapter	IGI Global	View
41.	Dr.S.R.Kannan	Professional Communication	Book	Vijay Nicole Imprints Private Limited	View
42.	Dr.V.Hemalatha	Fundamentals of Mathematical Modelling	Book	Rest Publishers	View
43.	K.Rajasekar	Engineering Materials and Metallurgy	Book	Cosmas Scientific Publications	View