

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.V.Srividhya		Non Invasive Smart Mobile Application for Disease Detection from Human Fingernail Photography	ICTIS2024	International conference on information and communication technology for intelligent systems	International	2024-2025	ISBN: 978-981-97-6678-9	Meenakshi college of Engineering	
2	Dr.V.Srividhya	Optimizing Electric Vehicle Charging Networks using Clustering Technique		2nd International conference on Computer, Communication & Control	2nd International conference on Computer, Communication & Control	International	2023-2024	ISBN: 979-8-3503-8793-3	Meenakshi college of Engineering	IEEE
3	Dr.V.Srividhya	An Intelligent Gardening Advisor System Empowered by Wireless Sensor Networks and Cloud Computing		2nd International Conference on Device Intelligence, computing and communication Technologies	2nd International Conference on Device Intelligence, computing and communication Technologies	International	2023-2024	ISBN: 979-8-3503-7284-7	Meenakshi college of Engineering	IEEE
4	Dr.V.Srividhya	Data Driven Recycling Transformation for Enhancing Paper and Cardboard Bin Efficiency through IOT and Random Forest		International Conference on Advances in Modern age Technologies for Health and Engineering Science	International Conference on Advances in Modern age Technologies for Health and Engineering Science	International	2023-2024	ISBN: 978-8-3503-7156-7	Meenakshi college of Engineering	IEEE
5	Dr.V.Srividhya	Cloud Enabled Neural Networks for Intelligent Vehicle Emissions Tracking and Analysis		International Conference on Automation and Computation	International Conference on Automation and Computation	International	2023-2024	ISBN: 979-8-3503-8272-3	Meenakshi college of Engineering	IEEE
6	Dr.V.Srividhya	Neural Touch For Enhanced Wearable Haptics with Recurrent Neural Network and IOT Enabled Tactile Experiences		3rd International Conference for Innovation in Technology	3rd International Conference for Innovation in Technology	International	2023-2024	ISBN: 979-8-3503-8193-1	Meenakshi college of Engineering	IEEE
7	Dr.V.Srividhya	Cognitive Science and Technology	Deep Learning Neural Networks for Detection of Onset Leukemia from Microscopic Images	ICCCE 2023	International Conference on Communication and Cyber Physical Engineering	International	2022-2023	ISSN: 21953988, Print ISBN 978-981-19-8085-5	Meenakshi college of Engineering	Springer
8	Dr.V.Srividhya	Distributed Computing to Blockchain: Architecture, Technology, and Applications	Design and development of a mobile application for level monitoring of oxygen cylinders using block chain technology				2022-2023	ISBN: 978-03-2396-146-2, ISBN: 978-03-2396-147-9	Meenakshi college of Engineering	Elsevier
9	Dr.V.Srividhya	Advances in Electronics and Communication Engineering (volume 5)	Glucose Level Checker using Breath Analyzer Method				2022-2023	ISBN: 978-93-5570-628-7	Meenakshi college of Engineering	AkiNik Publications
10	Dr.V.Srividhya	Advances in Electronics and Communication Engineering (volume 5)	Solar Based Jet Nebulizer with Sound Sensor				2022-2023	ISBN: 978-93-5570-628-7	Meenakshi college of Engineering	AkiNik Publications
11	Dr.V.Srividhya	Internet of Behavior (IoB)	Identification of Nutrients and Microbial Contamination in Fruits and Vegetables - Technology Using Internet of Behavior				2022-2023	ISBN: 978-10-0087-837-0, 978-10-3230-453-3	Meenakshi college of Engineering	CRC Press
12	Dr.V.Srividhya	Intelligent Manufacturing Management Systems: Operational Applications of Evolutionary Digital Technologies in Mechanical and Industrial Engineering	Smart vision-based sensing and monitoring of power plants for a clean environment				2022-2023	ISBN: 978-111983678-0, 978-111983624-7	Meenakshi college of Engineering	Wiley Blackwell
13	Dr.V.Srividhya		UGVs for Agri Spray with AI assisted Paddy Crop disease Identification	ICECMSN 2023	3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks,	International	2022-2023	ISSN: 18770509	Meenakshi college of Engineering	Procedia Computer Science, Elsevier B.V.

14	Dr.V.Srividhya	Artificial Intelligence for Evaluation Of Quality in Fruits Ripening	Artificial Intelligence for Evaluation Of Quality in Fruits Ripening				2022-2023	ISBN: 979-8889952602	Meenakshi college of Engineering	Self Publisher
15	Dr.V.Srividhya	Machine Learning Algorithms for Intelligent Data Analytics	Forecasting COVID-19 from Lung X-Ray Images				2022-2023	ISBN: 978-93-9210-407-7	Meenakshi college of Engineering	Technoarete Publishing
16	Dr.V.Srividhya	Lecture notes in Networks and Systems	A Smart Phone App with Geo-Spatial Information for Forecasting COVID-19 from Lung X-ray Images	ICTCS 2021	6th International Conference on Information and Communication Technology for Competitive Strategies, ICTCS 2021	International	2021-2022	ISBN: 978-981190097-6, ISSN: 23673389 23673370	Meenakshi college of Engineering	Springer Science and Business Media Deutschland GmbH
17	Dr.V.Srividhya	Swarm Intelligence and Machine Learning	Swarm Intelligence for Diagnosis of Arrhythmia and cardiac stenosis				2021-2022	ISBN: 9781003240037	Meenakshi college of Engineering	CRC Press
18	Dr.V.Srividhya	Industrial Transformation	computational intelligence for automation of industrial processes				2021-2022	ISBN: 9781003229018	Meenakshi college of Engineering	CRC Press
19	Dr.V.Srividhya	Digital Future of Healthcare	A content based image retrieval system for diagnosis and detection of skin cancer using self-organizing feature maps				2021-2022	ISBN: 978-10-0048-540-0	Meenakshi college of Engineering	CRC Press
20	Dr.V.Srividhya	AI Innovation in Medical Imaging Diagnostics	An approach to cloud computing for medical image analysis				2020-2021	ISBN: 978-17-9983-093-1, 978-17-9983-092-4	Meenakshi college of Engineering	IGI Global
21	Dr.V.Srividhya	Lecture Notes in Mechanical Engineering	Automated Real-Time Software Based Forecasting of Climate Change Using Chlorophyll Content on Agriculture	ICIME 2020	International Conference on Innovations in Mechanical Engineering	International	2020-2021	ISSN: 21954356 ISBN: 978-98-1157-556-3	Meenakshi college of Engineering	Springer Science and Business Media Deutschland GmbH
22	D.Sangeetha	Smart innovation systems and technologies	Electronic Aid Design of Fruits Image Classification for Visually Impaired People	ICTIS 2020	4th International Conference on Information and Communication Technology for Intelligent Systems	International	2020-2021	ISSN: 21903018 ISBN: 978-98-1157-061-2	Meenakshi college of Engineering	Springer
23	Dr.V.Srividhya	Lecture Notes in Networks and Systems	Power optimization by detection and monitoring of sensor event in smart home	ICICCT 2020	4th International Conference on Inventive Communication and Computational Technologies	International	2020-2021	ISSN: 23673370 ISBN: 978-98-1157-344-6	Meenakshi college of Engineering	Springer Science and Business Media Deutschland GmbH
24	Dr.V.Srividhya	Handbook of Nanomaterials for Sensing Applications	Soft sensors for screening and detection of pancreatic tumor using nanoimaging and deep learning neural networks				2020-2021	ISBN: 978-01-2820-783-3	Meenakshi college of Engineering	Elsevier
25	Dr.V.Srividhya	Advances in Intelligent Systems and Computing	Determination of Breakdown Voltage for Transformer Oil Testing Using ANN	CIS 2020.	Conference proceedings on Congress on Intelligent Systems.	International	2020-2021	Online print ISSN 2194-5365 , Print ISSN 2194-5357 ,Print ISBN 978-981-33-6980-1	Meenakshi college of Engineering	Springer, Singapore
26	Dr.V.Srividhya	IOP Conference Series: Materials Science and Engineering	Furnace Flame Tracking for Combustion Quality Estimation in Coal Fired Boilers	ICAIML 2020	International conference on Artificial intelligence and machine learning	International	2020-2021	ISSN: 1757-899X	Meenakshi college of Engineering	IOP Publishing Ltd
27	NPG.Bhavani	Advanced Aspects of Engineering Research	Impact of Green houses from thermal power plants				2020-2021	ISBN: 978-93-9076-820-2	Meenakshi college of Engineering	Book publisher international

28	Dr.V.Srividhya	Maximum Power Point Tracking: Background, Implementation and Classification	Image based maximum power point tracking in wind energy conversion systems				2020-2021	ISBN: 978-153618279-8;978-153618164-7	Meenakshi college of Engineering	Nova Science Publishers, Inc.
29	Dr.V.Srividhya	New Trends in Computational Vision and Bio-Inspired Computing	Marker Controlled Watershed Segmented Features Based Facial Expression Recognition Using Neuro-Fuzzy Architecture	ICCVBIC 2018	2018 International Conference on Computational Vision and Bio-Inspired Computing	International	2020-2021	ISBN: 978-303041861-8	Meenakshi college of Engineering	Springer Nature
30	Dr.V.Srividhya	ICT for competitive strategies	Detection of Eye Diseases using Image Processing and Artificial Neural Networks				2020-2021	ISBN:9781003052098	Meenakshi college of Engineering	CRC Press
31	Dr.NPG Bhavani	Advances in Intelligent Systems and Computing	Sensorless Speed Control of Induction Motor Using Modern Predictive Control				2020-2021	ISBN 978-981-33-6980-1	Meenakshi college of Engineering	Springer
32	Dr.V.Srividhya	Advances in Intelligent Systems and Computing	Automated Road Surface Condition Monitoring System Using Machine Vision Technology				2019-2020	ISSN: 21945357	Meenakshi college of Engineering	Springer Verlag
33	Dr.V.Srividhya	Journal of Physics: Conference Series	Modeling and Design of Nano Scale Cmos Controller Using Adaptive Neuro-Fuzzy for Speed Control of Dc Shunt Motor	NANOMTECH 2019	1st International Conference on Innovations In Nanomaterials and Nanotechnology 2019	International	2019-2020	ISSN: 17426588	Meenakshi college of Engineering	Institute of Physics Publishing
34	Dr.V.Srividhya	Procedia Computer Science	Vision based Detection and Categorization of Skin lesions using Deep Learning Neural networks	CoCoNet 2019	3rd International Conference on Computing and Network Communications	International	2019-2020	ISSN: 18770509	Meenakshi college of Engineering	Elsevier B.V.
35	Dr.NPG Bhavani	Computational vision and Bioinspired computing	Smart imaging system for tumor Detection in Larynx using Radial bias Function networks	ICCVBIC 2019	International conference on Computational vision and Bio Inspired Computing	International	2019-2020	ISBN: 978-3-030-37217-0	Meenakshi college of Engineering	Springer, Singapore
36	Dr.V.Srividhya & NPG Bhavani	Classification Techniques for Medical Image Analysis and Computer Aided Diagnosis	Image analysis for diagnosis and early detection of hepatoprotective activity				2019-2020	ISBN: 978-012818004-4;978-012818005-1	Meenakshi college of Engineering	Elsevier
37	Dr.V.Srividhya & NPG Bhavani	Wearable and Implantable Medical Devices: Applications and Challenges	Screening and early identification of microcalcifications in breast using texture-based ANFIS classification				2019-2020	ISBN: 978-012815369-7;978-012815637-7	Meenakshi college of Engineering	Elsevier
38	Dr.V.Srividhya & NPG Bhavani	Real-Time Data Analytics for Large Scale Sensor Data	Soft sensor with shape descriptors for flame quality prediction based on LSTM regression				2019-2020	ISBN: 978-012818014-3;978-012818242-0	Meenakshi college of Engineering	Elsevier
39	Dr.V.Srividhya	Advances in Intelligent Systems and Computing	Hepatoprotective activity of the biherbal extract in carbon tetrachloride (CCl4) Induced Hepatotoxicity—A Study of Histopathological Image Analysis	ISTA 2018	4th International Symposium on Intelligent Systems Technologies and Applications	International	2018-2019	ISSN: 21945357 ISBN: 978-981136094-7	Meenakshi college of Engineering	Springer Verlag

40	Dr.V.Srividhya	Lecture Notes on Data Engineering and Communications Technologies	Cloud Computing for Image Based Condition Monitoring of Road Surface	ICICI 2018	International Conference on Intelligent Data Communication Technologies and Internet of Things	International	2018-2019	ISSN: 23674512, Print ISBN 978-3-030-03145-9, Online ISBN 978-3-030-03146-6	Meenakshi college of Engineering	Springer Science and Business Media Deutschland GmbH
41	Dr.V.Srividhya & NPG Bhavani		Facial Expression Recognition using Convolutional Adaptive NeuroFuzzy Inference System	SUSCOM-2019	International Conference on Sustainable Computing in Science, Technology & Management	International	2018-2019	ISSN: 15565068	Meenakshi college of Engineering	SSRN
42	Dr.V.Srividhya & NPG Bhavani		Big Data Analytics for Medical Image Analysis in Screening and Detection of Pancreatic Tumor	SUSCOM-2019	International Conference on Sustainable Computing in Science, Technology & Management	International	2018-2019	ISSN: 15565068	Meenakshi college of Engineering	SSRN
43	NPG.Bhavani	Advances in Electrical Engineering (Vol -1)	Dual Axis Solar Tracker with Maximum Power Point Tracking Algorithm using Arduino				2018-2019	ISBN: 9789353352516	Meenakshi college of Engineering	Akinik Publications
44	V.Srividhya	Advances in Electrical Engineering (Vol -1)	An Overview of Landsman Converter in BLDC Motor Drive				2018-2019	ISBN: 9789353352516	Meenakshi college of Engineering	Akinik Publications
45	NPG.Bhavani	Lecture notes in Networks and Systems	Foetal Heartbeat and volume Detection using spherical harmonics shape model for level set segmentation	Information and Communication Technology for Competitive Strategies	Information and Communication Technology for Competitive Strategies	International	2018-2019	ISBN: 978-981-13-0585-6	Meenakshi college of Engineering	Springer, Singapore
46	NPG.Bhavani	Lecture notes in Networks and Systems	An Approach to Wireless Sensor Networks for Healthcare Scrutiny in Hospitals	ICTCS 2018	Third International conference on Information and Communication Technology for Competitive Strategies	International	2018-2019	ISBN:978-981-13-0585-6	Meenakshi college of Engineering	Springer, Singapore
47	NPG.Bhavani	Advances in Intelligent Systems and Computing	Estimation of Microwave Dielectric Constant Using Artificial Neural Networks	International conference on Emerging trends in Expert Applications and Security	International conference on Emerging trends in Expert Applications and Security	International	2018-2019	ISBN: 978-981-13-2284-6	Meenakshi college of Engineering	Springer, Singapore