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BOOK CHAPTERS PUBLISHED BY FACULTY MEMBERS

Sl. No	Chapter Title	Author/s	Author Details	Year of Publication	Dept	Publisher
1	<u>A Healthcare Revolution in cross domain applications using advanced computational techniques</u>	Mr. Ajay Sudhir Bale	 Mr. Ajay Sudhir Bale Assistant Professor	2024	ECE	Nova Science Publishers, Inc.

2	<u>Augmented reality in cross – domain application</u>	Mr. Ajay Sudhir Bale	 Mr. Ajay Sudhir Bale Assistant Professor		2023	ECE	Boston : De Gruyter,
3	<u>Autonomous Aerial Robots application for Crop Survey and Mapping</u> Chapter No. 7	Mr. Ajay Sudhir Bale	 Mr. Ajay Sudhir Bale Assistant Professor		2024	ECE	CRC Press
4	<u>Bi-directional DC-DC Converters and Energy storage systems of DVR – An Analysis</u>	Mrs. Anitha A Dr. Nisha K C R	 Mrs. Anitha A Sr. Assistant Professor	 Dr. Nisha K C R Professor	10.03.2023	EEE	Springer Nature

5	<u>Organ procurement and transplantation network using IoT and Blockchain</u>	Dr. V. Asha	 Dr.V. Asha Professor & HOD		2023	MCA	CRC Press
6	<u>Introduction to AI Technique and Analysis of Time Series Data Using Facebook Prophet Model</u> Chapter. 9	Dr. S. Sivaramakrishnan	 Dr. S. Sivaramakrishnan Associate Professor		2023	ISE	Scrivener Publishing ILC
7	<u>Eye – Bsed Cursor Control and Eye Coding Using Hog Algorithms and Neurak Network</u> Chapter. 11	Dr. S. Sivaramakrishnan	 Dr. S. Sivaramakrishnan Associate Professor		2023	ISE	Scrivener Publishing ILC

8	Advances in Transdisciplinary Engineering series Volume - 32 Conference Proceedings	Mrs. Pramilarani K	 Mrs. Pramilarani K Sr. Assistant Professor		12.01.2023	CSE	IOS Press
9	Using Map reduce and time series analysis of defend against DDoS Attacks Conference Proceedings	Mrs. Pramilarani K	 Mrs. Pramilarani K Sr. Assistant Professor		12.01.2023	CSE	IOS Press
10	Advances in Transdisciplinary Engineering series Volume - 32 Recent development in Electronics & communication systems Conference Proceedings	Ms. Suganya R	 Ms. Suganya R Sr. Assistant Professor		12.01.2023	CSE	IOS Press

11	Smart weed Detection: An Real – Time Weed Detection for Onion Plantation Conference Proceedings	Ms. Suganya R	 Ms. Suganya R Sr. Assistant Professor		2023	CSE	IOS Press
12	Deep Learning for Emotion Recognition Handbook of Research on Computer vision & image processing in the Deep Learning Era Chapter - 5	Dr. T Kavitha	 Dr. T. Kavitha Professor		2022	CE	Business Science Reference
13	Network Intrusion Detection System in Latest DFA Compression Methods for Deep Packet Scruting Design, Applications & Maintenance of cyber physicl systems Chapter No. 10	Dr. Vinoth Kumar K	 Dr. Vinoth Kumar K Associate Professor		2021	EEE	IGI Global

14	Implementation of Savonius Blad Wind Tree Structure by Super Lift Luo Converter for Smart Grid Applications and Benefits to Smart City Smart Grids for Smart cities Chapter No. 8	Dr. Vinoth Kumar K	 Dr. Vinoth Kumar K Associate Professor		05.07.2023	EEE	Scrivener Publishing Wiley
15	Fog Computing – Based Framework and Solutions for Intelligent systems: Enabling Autonomy in Vehicles Chapter No. 17	Dr. M Dhanalakshmi	 Dr. M Dhanalakshmi Professor		2024	CSE	IGI Global
16	Machine Learning – Integrated sustainable engineering and energy systems: Innovations at the Nexus Chapter No. 4	Dr. M Dhanalakshmi	 Dr. M Dhanalakshmi Professor		2024	CSE	IGI Global

17	Advanced computing & Intelligent technologies Feature Selection Using Chi-Squared Feature-Class Association Model for Fake Profile Detection in Online Social Networks Chapter	Dr.B. Meenakshi Sundaram	 Dr.B. Meenakshi Sundaram Associate Professor		20224	CSE	Springer Nature
18	The Impact of Big Data in Smart Cities:Current Research concepts and Future Perspectives Chapter No. 10	Mrs. Rajashree	 Mrs. Rajashree Sr. Assistant Professor		2024	AIML	Nova Science Publisher
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21	<u>Role of Nanofluid in Heat Exchanger A Comprehensive Review</u> Chapter No. 3	Dr. Gopal K	 Dr. Gopal K Associate Professor		2024	ME	
22	<u>NMRA-Facilitated Optimized Deep Learning Framework: A Case Study on IoT-Enabled Waste Management in Smart Cities</u> Chapter No. 10	Mr. Rakesh C	 Rakesh C Sr. Associate Professor & HOD Incharge		2024	ME	IGI Goblal

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