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BOOK CHAPTERS PUBLISHED BY FACULTY MEMBERS

Sl. No	Chapter Title	Author/s	Author Details		Year of Publication	Dept	Publisher
1	A Healthcare Revolution in cross domain applications using advanced computational techniques	Mr. Ajay Sudhir Bale			2024	ECE	Nova Science Publishers, Inc.
2	Augmented reality in cross – domain application	Mr. Ajay Sudhir Bale			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	Introduction to AI Technique and Analysis of Time Series Data Using Facebook Prophet Model Chapter. 9	Dr. S. Sivaramakrishnan	 Dr. S. Sivaramakrishnan Associate Professor		2023	ISE	Scrivener Publishing ILC
7	Eye – Based Cursor Control and Eye Coding Using Hog Algorithms and Neurak Network 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	<u>Deep Learning for Emotion Recognition</u> 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	<u>Network Intrusion Detection System in Latest DFA Compression Methods for Deep Packet Scruting</u> 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	<u>Implementation of Savonius Blad Wind Tree Structure by Super Lift Luo Converter for Smart Grid Applications and Benefits to Smart City</u> 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	<u>Fog Computing – Based Framework and Solutions for Intelligent systems: Enabling Autonomy in Vehicles</u> Chapter No. 17	Dr. M Dhanalakshmi	 Dr. M Dhanalakshmi Professor		2024	CSE	IGI Global
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32	Advanced Sensing Systems in Automobiles: Computational Intelligence Approach Chapter -14	Ms. Mamta B. Savadatti Mr. Ajay Sudhir Bale	 Ms. Mamta B Savadatti Sr. Assistant Professor	 Mr. Ajay Sudhir Bale Assistant Professor	2024	ECE	Scrivener Publishing LLC

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