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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 href="#"><u>A Healthcare Revolution in cross domain applications using advanced computational techniques</u></a>	Mr. Ajay Sudhir Bale			2024	ECE	Nova Science Publishers, Inc.
2	<a href="#"><u>Augmented reality in cross – domain application</u></a>	Mr. Ajay Sudhir Bale			2023	ECE	Boston : De Gruyter,




3	<a href="#">Autonomous Aerial Robots application for Crop Survey and Mapping</a>  Chapter No. 7	Mr. Ajay Sudhir Bale	 <b>Mr. Ajay Sudhir Bale</b> Assistant Professor		2024	ECE	CRC Press
4	<a href="#">Bi-directional DC-DC Converters and Energy storage systems of DVR – An Analysis</a>	Mrs. Anitha A Dr. Nisha K C R	 <b>Mrs. Anitha A</b> Sr. Assistant Professor	 <b>Dr. Nisha K C R</b> Professor	10.03.2023	EEE	Springer Nature
5	<a href="#">Organ procurement and transplantation network using IoT and Blockchain</a>	Dr. V. Asha	 <b>Dr.V. Asha</b> Professor & HOD		2023	MCA	CRC Press




6	<a href="#">Introduction to AI Technique and Analysis of Time Series Data Using Facebook Prophet Model</a>  Chapter. 9	Dr. S. Sivaramakrishnan	 <b>Dr. S. Sivaramakrishnan</b> Associate Professor		2023	ISE	Scrivener Publishing ILC
7	<a href="#">Eye – Bsed Cursor Control and Eye Coding Using Hog Algorithms and Neurak Network</a>  Chapter. 11	Dr. S. Sivaramakrishnan	 <b>Dr. S. Sivaramakrishnan</b> Associate Professor		2023	ISE	Scrivener Publishing ILC
8	<a href="#">Advances in Transdisciplinary Engineering series Volume - 32</a>  Conference Proceedings	Mrs. Pramilarani K	 <b>Mrs. Pramilarani K</b> Sr. Assistant Professor		12.01.2023	CSE	IOS Press


9	<a href="#">Using Map reduce and time series analysis of defend against DDoS Attacks</a>  Conference Proceedings	Mrs. Pramilarani K	 <b>Mrs. Pramilarani K</b> Sr. Assistant Professor		12.01.2023	CSE	IOS Press
10	<a href="#">Advances in Transdisciplinary Engineering series Volume - 32</a> Recent development in Electronics & communication systems Conference Proceedings	Mrs. Suganya R	 <b>Ms. Suganya R</b> Sr. Assistant Professor		12.01.2023	CSE	IOS Press
11	<a href="#">Smart weed Detection: An Real – Time Weed Detection for Onion Plantation</a>  Conference Proceedings	Mrs. Suganya R	 <b>Ms. Suganya R</b> Sr. Assistant Professor		2023	CSE	IOS Press



<p>12</p>	<p><a href="#"><u>Deep Learning for Emotion Recognition</u></a></p> <p>Handbook of Research on Computer vision &amp; image processing in the Deep Learning Era</p> <p><b>Chapter - 5</b></p>	<p>Dr. T Kavitha</p>	 <p><b>Dr. T. Kavitha</b> Professor</p>		<p>2022</p>	<p>CE</p>	<p>Business Science Reference</p>
<p>13</p>	<p><a href="#"><u>Network Intrusion Detection System in Latest DFA Compression Methods for Deep Packet Scruting</u></a></p> <p>Design, Applications &amp; Maintenance of cyber physicl systems</p> <p><b>Chapter No. 10</b></p>	<p>Dr. Vinoth Kumar K</p>	 <p><b>Dr. Vinoth Kumar K</b> Associate Professor</p>		<p>2021</p>	<p>EEE</p>	<p>IGI Global</p>
<p>14</p>	<p><a href="#"><u>Implementation of Savonius Blad Wind Tree Structure by Super Lift Luo Converter for Smart Grid Applications and Benefits to Smart City</u></a></p> <p>Smart Grids for Smart cities</p> <p><b>Chapter No. 8</b></p>	<p>Dr. Vinoth Kumar K</p>	 <p><b>Dr. Vinoth Kumar K</b> Associate Professor</p>		<p>05.07.2023</p>	<p>EEE</p>	<p>Scrivener Publishing Wiley</p>





15	<a href="#">Fog Computing – Based Framework and Solutions for Intelligent systems: Enabling Autonomy in Vehicles</a>  <b>Chapter No. 17</b>	Dr. M Dhanalakshmi	 <b>Dr. M Dhanalakshmi</b> <b>Professor</b>		2024	CSE	IGI Global
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17	Advanced computing & Intelligent technologies <a href="#">Feature Selection Using Chi-Squared Feature-Class Association Model for Fake Profile Detection in Online Social Networks</a>  <b>Chapter</b>	Dr. B. Meenakshi Sundaram	 <b>Dr. B. Meenakshi Sundaram</b> <b>Associate Professor</b>		20224	CSE	Springer Nature




18	<p><a href="#"><u>The Impact of Big Data in Smart Cities:Current Research concepts and Future Perspectives</u></a></p> <p>Chapter No. 10</p>	Mrs. Rajashree	 <p><b>Rajashree</b> Sr. Assistant Professor</p>		2024	AIML	Nova Science Publisher
19	<p><a href="#"><u>Accomplishing Low Power Consumption with TFET</u></a></p> <p>Chapter No. 31</p>	Dr. Sreejith S	 <p><b>Dr. Sreejith S</b> Associate Professor</p>		2024	AIML	Springer Nature
20	<p>Advanced in Academic research and Development</p> <p><a href="#"><u>Load Frequency Control of Two Area Interconnected Power System</u></a></p> <p>Chapter</p>	Dr. V Agalya	 <p><b>Dr. V Agalya</b> Associate Head R &amp; D</p>		2024	EEE	Integrated Publication




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22	<a href="#">NMRA-Facilitated Optimized Deep Learning Framework: A Case Study on IoT-Enabled Waste Management in Smart Cities</a>  <b>Chapter No. 10</b>	Rakesh C	 <b>Mr. Rakesh C</b> <b>Sr. Associate Professor &amp; HOD Incharge</b>		2024	ME	IGI Global
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