



K. S. R. COLLEGE OF ENGINEERING (Autonomous) -TIRUCHENGODE - 637 215

Department of Computer Science and Engineering

Book/Book Chapter

<b>S.No</b>	<b>Name of Faculty</b>	<b>Book/Book Chapter</b>	<b>Title of the Book</b>	<b>Publisher's Name</b>	<b>ISBN /DOI</b>	<b>Year and month of Publication</b>
1.	Banupriya R	Book Chapter	Deep Learning Frameworks in the Healthcare Industry	IGI Global	10.4018/979-8-3693-3679-3	February 2024
2.	V.Vennila	Book Chapter	Revolutionizing drug Discovery With Cutting-Edge Technologies: Issue and Challenges for the Next Decade	IGI Global	10.4018/979-8-3693-2897-2.ch004	April 2024
3.	S Savitha	Book Chapter	Harnessing the Synergy of Internet of Things, Big Data, Augmented Reality/Virtual Reality, and Blockchain Technologies	Wiley Online Library	<a href="https://doi.org/10.1002/9781394216147.ch7">https://doi.org/10.1002/9781394216147.ch7</a>	April 2024
4.	Banupriya R	Book Chapter	Blockchain and Its Role in Leadership	IGI Global	10.4018/979-8-3693-1946-8.ch010	May 2024
5.	V.Vennila	Book Chapter	Next-Gen Cryptography: The Role of Machine Learning Applications in	IGI Global	10.4018/979-8-3693-4159-9.ch010	May 2024

			Privacy Preservation for Sensitive Data			
6.	Sharmila V	Book Chapter	Advancement in early warning systems and human factors in lightweight secured imot ecosystems for healthcare 4.0	IGI Global	10.4018/979-8-3693-2569-8.ch016	July 2024
7.	D. Sathiya	Book Chapter	Chapter 5 - Self-powered wearable implantable smart sensor and medical electronics based on nano generator	Science Direct	<a href="https://doi.org/10.1016/B978-0-443-13792-1.00011-0">https://doi.org/10.1016/B978-0-443-13792-1.00011-0</a>	September 2024
8.	Dr. V. Vennila	Book Chapter	The Architecture of Complex Networks	NTL Publication	978-81-19762-71-2	October 2024
9.	Dr.V. Vennila,	Book Chapter	"A kinetic motion-controlled lighting system for improved well-being of the elderly"	CRC Press	10.1201/9781003559092	October 2024
10.	Dr.V. Sharmila,	Book Chapter	Challenges in Information, Communication and Computing Technology	CRC Press	9781032901664	November 2024
11.	Dr.V. Sharmila,	Book	Development of efficient spectrum	CRC Press	9781032901664	

		Chapter	utilization through cognitive radio techniques in wireless sensor networks			November 2024
12.	S. Savitha	Book Chapter	Genetic hyper-parameter rice optimization based capsule network performance enhancement	CRC Press	9781003559092	November 2024
13.	Dr.V. Vennila,	Book Chapter	Machine learning based optimization of resource management with control strategies in smart grid using IoT	CRC Press	9781003559085	November 2024
14.	Namasivayam Muthusamy	Book Chapter	Introduction to smart grid and the need for green solutions	Science Direct	978-0-443-28951-4	November 2024
15.	V.Vennila	Book Chapter	Applications in Agriculture for Assessing and Monitoring Soil Using Smart Sensing and Edge Computing	Wiley-Scrivener	10.1002/9781394186686.ch15	November 2024
16.	A. Rajiv Kannan	Book Chapter	Development and performance analysis of Wolfram Alpha server based on architecture using deep learning in	CRC Press	9781003559092	December 2024

			virtual platfom			
17.	E. Baby Anitha	Book chapter	Enhancing physics experiment visualization with an augmented reality application	CRC Press	9781003559085	December 2024
18.	Dr.E.Baby Anitha P.Priyadharshini U.Kasthuri R.Vijhayalakshme	Book Chapter	Data Structures	Charulatha Publications	978-93-6260-566-5	March 2025
19.	Sharmila V	Book Chapter	Integration of Multi Omics Data:Genomics , Proteomics, Metabolomics	IGI Global	10.4018/979-8-3693-9521-9.ch 006	March 2025
20.	P.Priyadharshini	Book Chapter	Plant Disease Detection using Machine Language	International Conference on Sustainability Innovation in Computing and Engineering	10.2991/978-94-6463-718-2_109	May 2025
21.	P.Priyadharshini	Book Chapter	Genetic Algorithm-Optimized BiLSTM Framework for Enhanced Stroke Diagnosis using Neuroimages	International Conference on Sustainability Innovation in Computing and Engineering	10.2991/978-94-6463-718-2_130	May 2025
22.	P.Priyadharshini	Book Chapter	Enhancing Animal repellent system using AI and Deep Learning	International Conference on Sustainability Innovation in Computing and Engineering	10.2991/978-94-6463-718-2_93	May 2025

