

**PANIMALAR ENGINEERING COLLEGE**  
**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**  
**FACULTY PUBLICATION STATUS 2025-2026**  
**BOOK CHAPTERS PUBLISHED**

S.NO.	FACULTY NAME	ALL AUTHORS NAME (AS MENTIONED IN THE ARTICLE)	TITLE OF THE CHAPTER	EDITED BOOK NAME	ISBN NUMBER	VOLUME, ISSUE, PAGE NUMBERS, PUBLISHED MONTH & YEAR	INDEXING SCOPUS/W OS	HTTP LINK
1	Dr.B.Anni Princy	1.Siva Subramanian R, 2.Thanammal Indu V, 3.Ignatious K Pious, B. <b>4.Anni Princy.B,</b> 5.K Sudha & 6.Anto gracious L.A	Leveraging Data Analytics for Informed Decision - Making in Process Management	Navigating Digital Transform through Business Process Management	979-8-3373-3336-6	Chapter 8 Page No: 227-252	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3336-6.ch008">https://doi.org/10.4018/979-8-3373-3336-6.ch008</a>
2	Dr.G.Suresh	1.Subramanian R. Siva, <b>2.G. Suresh,</b> Angeline Lydia, 3.T. Anand, 4.J. Jayalakshmi, 5.D. Shanmugapriya	Adaptation and Human Navigating Workforce Factors in the Digital Era	Navigating Digital Transform through Business Process Management	979-8-3373-3336-6	Chapter 9 Page No: 253-278	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3336-6.ch009">https://doi.org/10.4018/979-8-3373-3336-6.ch009</a>
3	Dr.D.Sasikumar	1.R.Subramanian Siva, 2.Santhi K, <b>3.Sasikumar D,</b> 4.Shobana S, 5.Elavarasi J.	Leveraging sentiment analysis in customer service for enhanced customer experience	Navigating Digital Transform through Business Process Management	979-8-3373-3336-6	Chapter 3	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3658-9.ch003">https://doi.org/10.4018/979-8-3373-3658-9.ch003</a>
4	Mr.M.Ezhilvendhan	1.R.Siva Subramaniya, 2.G.Anurekha, 3.C.Gomathi, 4.Sambura saha, <b>5.M.Ezhilvendhan</b>	Deep Learning and Transformer Models for Educational Chatbots: Enhancing Intelligent Tutoring Systems	Educational Applications of Natural Language Processing, Chatbots, and AI	979-8-3373-6791-0	Chapter 5	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-6791-0.ch005">https://doi.org/10.4018/979-8-3373-6791-0.ch005</a>
		1.V.Vishnu Gandhi, <b>2.M.Ezhilvebdhan</b>	AI and IoT-Enabled Automation for Energy Optimization and Efficiency	Innovations in Green and Energy-Efficient Warehousing	979-8-3373-3176-8	Chapter 8	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3176-8.ch006">https://doi.org/10.4018/979-8-3373-3176-8.ch006</a>
		1.R. Siva Subramanian, 2.T. Venketbabu, 3.N.Pavithra, 4.R.Anandbabu, 5.A.Lanto gracious, <b>6.Ezhilvendhan</b>	A Survey on Blockchain and the Metaverse in Healthcare: Opportunities, Challenges, and Emerging Trends	Blockchain-Based Healthcare Management in the Metaverse	979-8-3373-1225-5	Chapter 1	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-1225-5.ch001">https://doi.org/10.4018/979-8-3373-1225-5.ch001</a>
5	Dr.B.Prabha	<b>1.Dr.B.Prabha,</b> 2.Mrs.P.Rashmi	AI and IoT for Urban Planning and Management: Towards Smart and Sustainable Cities	Enhancing Autonomous and Adaptive Systems With AI and IoT	979-8-3373-3146-1	Chapter 4	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3146-1.ch004">https://doi.org/10.4018/979-8-3373-3146-1.ch004</a>

6	Mrs.V.Saranya	<b>1.V.Saranya,</b> 2.K.Vijayalakshmi, 3.S.Udhayashakar	Urban IoT and Quantum Computing: Bridging Cryptographic Security and Sustainable Development	Post-Quantum Cryptography and IoT Communications for Sustainable Urban Development	979-8-3373-3166-9	Chapter 10 Page No : 23-34	Scopus Indexed	<a href="https://doi.org/10.4018/979-8-3373-3166-9.ch010">https://doi.org/10.4018/979-8-3373-3166-9.ch010</a>
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