

Contents

S.No	Chapter Name	Pages
1.	Hybrid Intelligent Systems for Medical Image Understanding and Clinical Decision Support	1–14
	<i>Dr. T. Aditya Sai Srinivas</i>	
2.	Hybrid Learning Models for Biomedical Signal Interpretation and Health Monitoring	15–28
	<i>Dr. A. Bhuvaneshwari</i>	
3.	Hybrid AI Frameworks for Smart Agriculture and Precision Farming Analytics	29–40
	<i>Dr. M. Kamaraju</i>	
4.	Hybrid Intelligence for Industrial IoT Monitoring and Predictive Maintenance	41–52
	<i>Dr. Ch. Raja</i>	
5.	Hybrid ML and DL Methods for Financial Risk Assessment and Fraud Detection	53–64
	<i>Dr. N V S Lakshmipathi Raju</i>	
6.	Hybrid Intelligent Models for Autonomous Mobility and Traffic Prediction	65–74
	<i>Dr. T. Subhashini</i>	
7.	Hybrid AI Techniques for Remote Sensing and Environmental Change Detection	75–84
	<i>Mrs. Roshani Sachin Phuse</i>	
8.	Hybrid Intelligence for Natural Language Understanding and Low Resource Language Processing	85–99
	<i>Mr. M. Ratnakar Babu</i>	
9.	Hybrid Frameworks for Emotion Recognition Using Multimodal Human Signals	100–108
	<i>Mrs. Anees Fatima</i>	
10.	Hybrid Intelligent Systems for Cybersecurity and Intrusion Detection	109–116
	<i>Pannangi Rajyalakshmi</i>	
11.	Hybrid Learning for Smart Education Platforms and Personalized Learning Systems	117–125
	<i>Dr. P. Chandra Sekhar</i>	

12.	Hybrid AI Approaches for Energy Management and Smart Grid Optimization	126–136
	<i>P. Anil Kumar</i>	
13.	Hybrid Vision and Language Models for Robotics and Human Machine Interaction	137–145
	<i>Dr . D Rajeshwari</i>	
14.	Hybrid Intelligent Systems for Sustainable Development and Decision Support	146–155
	<i>Chinnala Balakrishna</i>	
15.	Hybrid AI Enabled Tools for Software Automation and Intelligent Code Analysis	155–167
	<i>Kruthika C G</i>	