

## Number of Books and Chapters in Edited Volumes Published per Teacher during the Year

Total entries: 110

| Sl. No. | Name of the teacher | Title of the book/ chapters published                                                         | Title of the paper                                                                                                                | Title of the proceedings of the conference                                                           | Name of the conference | National / International | Year of publication | ISBN/ ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher                              |
|---------|---------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------|--------------------------|---------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------------|
| 1       | GARIMA ANAND        | –                                                                                             | Analyzing Uzbekistan's Export Trends: A Data-Driven Study on Annual Export Volume by Country                                      | Proceedings of the 2025 International Conference on Technology Enabled Economic Changes, InTech 2025 | –                      | International            | 2025                | 979-833152099-1                     | Yes                                              | IEEE                                               |
| 2       | VANDANA SHARMA      | Graph Convolutional Neural Networks for Computer Vision                                       | –                                                                                                                                 | –                                                                                                    | –                      | International            | 2026                | 9781394356331                       | Yes                                              | Wiley                                              |
| 3       | VANDANA SHARMA      | Graph Convolutional Neural Networks for Computer Vision                                       | Role of Graph Convolutional Neural Networks (GCNN) in Computer Vision Applications                                                | –                                                                                                    | –                      | International            | 2025                | 9781394356362                       | Yes                                              | Wiley                                              |
| 4       | GARIMA ANAND        | –                                                                                             | Advancements in Astronaut Health Monitoring Technologies                                                                          | Lecture Notes in Networks and Systems                                                                | –                      | International            | 2026                | 978-303208245-9                     | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 5       | GARIMA ANAND        | –                                                                                             | Analyzing Wholesale Trade Volume in Uzbekistan: A Data-Driven Study of Internal Trade Dynamics                                    | Proceedings of the 2025 International Conference on Technology Enabled Economic Changes, InTech 2025 | –                      | International            | 2025                | 979-833152099-1                     | Yes                                              | Institute of Electrical and Electronics Engineers  |
| 6       | GARIMA ANAND        | –                                                                                             | Analysis of Market Communication and Informatization Services: A Data-Driven Study Based on SDMX Statistics                       | Proceedings of the 2025 International Conference on Technology Enabled Economic Changes, Intech      | –                      | International            | 2025                | 979-833152099-1                     | Yes                                              | Institute of Electrical and Electronics Engineers  |
| 7       | LATA YADAV          | Future of Internet of Bio-Nano Things in Personalized Healthcare: Applications and Challenges | Journey toward Internet of Bio-Nano Things: evolution, trends, and future challenges                                              | –                                                                                                    | –                      | International            | 2026                | 978-044327604-0 , 978               | Yes                                              | Elsevier                                           |
| 8       | KAMAL UPRETI        | Smart Cyber-Physical Systems: Innovations and Real-World Implications                         | –                                                                                                                                 | –                                                                                                    | –                      | International            | 2025                | 978-100354251-3                     | Yes                                              | CRC Press                                          |
| 9       | KAMAL UPRETI        | –                                                                                             | Advancing Brain Tumor Detection with Deep Learning and Machine Learning: A Performance Analysis of Different Deep Learning Models | Advanced Computing and Intelligent Technologies                                                      | –                      | International            | 2025                | 978-981964932-7                     | Yes                                              | Springer International Publishing AG               |

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|---------|---------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|---------------------|-------------------------------------|--------------------------------------------------|----------------------------------|
| 10      | MANJULA SHANBHOG    | –                                                                | Real-Time Football Match Analysis with Region-Independent Player Tracking Using Deep Learning                  | IEEE Xplore                                                                                                                    | –                      | International            | 2025                | 979-8-3503-7169-7                   | Yes                                              | IEEE                             |
| 11      | MANJULA SHANBHOG    | –                                                                | Analyzing the Diagnosis and Treatment of Astrocytoma, Oligodendroglioma, and Glioblastoma: A Systematic Review | Lecture Notes in Networks and Proceedings                                                                                      | –                      | International            | 2025                | 978-981-95-0628-6                   | Yes                                              | Springer, Singapore              |
| 12      | NEHA SAINI          | Securing Smart Cities Through Modern Cryptography Technologies   | Quantum Cryptography: The Future of Data Security in Smart Urban Environments                                  | –                                                                                                                              | –                      | International            | 2025                | 9798337333267                       | Yes                                              | IGI Global scientific Publishing |
| 13      | VANDANA SHARMA      | –                                                                | Deep Learning-Based Health Risk Prediction in Contact Sports Using Wearable Sensor Data                        | 2025 12th International Conference on Reliability, Infocom Technologies and Optimization ,Trends and Future                    | –                      | International            | 2025                | 979-833155421-7                     | Yes                                              | IEEE                             |
| 14      | VANDANA SHARMA      | –                                                                | Comparative Analysis of Machine Learning Models for Uterine Cancer Prediction Using Clinical and Genomic Data  | 2025 12th International Conference on Reliability, Infocom Technologies and Optimization ,Trends and Future Directions, ICRITO | –                      | International            | 2025                | 979-833155421-7                     | Yes                                              | IEEE                             |
| 15      | VANDANA SHARMA      | –                                                                | Predictive Modelling of Microwave Link Failures Using Machine Learning and Deep Learning Techniques            | 2025 12th International Conference on Reliability, Infocom Technologies and Optimization ,Trends and Future                    | –                      | International            | 2025                | 979-833155421-7                     | Yes                                              | IEEE                             |
| 16      | VANDANA SHARMA      | –                                                                | Prediction of Campus Energy Consumption Patterns Using Machine Learning Techniques                             | Icrito 2025                                                                                                                    | –                      | International            | 2025                | 979-833155421-7                     | Yes                                              | IEEE                             |
| 17      | VANDANA SHARMA      | Drones for Transportation Logistics and Disaster Management      | –                                                                                                              | –                                                                                                                              | –                      | International            | 2025                | 978-139438645-1                     | Yes                                              | Wiley                            |
| 18      | VANDANA SHARMA      | Drones for Transportation Logistics and Disaster Management Book | Journey to Transportation and Logistics Management Using Drone                                                 | –                                                                                                                              | –                      | International            | 2025                | 978-139438645-1                     | Yes                                              | Wiley                            |
| 19      | VANDANA SHARMA      | –                                                                | A Comparative Study on IOT Security Using Machine Learning Techniques                                          | 6th Doctoral Symposium on Computational Intelligence, DoSCI 2025                                                               | –                      | International            | 2026                | 978-981968106-8                     | Yes                                              | Springer                         |
| 20      | VANDANA SHARMA      | –                                                                | A Robust Model for Quantum-Resistant Cryptography to Tackle Quantum Risks                                      | 5th International Conference on Machine Learning, IoT and Big Data, ICMIB 2025                                                 | –                      | International            | 2026                | 978-303205116-5                     | Yes                                              | Springer                         |

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| 21      | RAMESH CHANDRA POONIA | Advances in Computers                 | Machine learning for healthcare                                                                                        | –                                                                                                              | –                      | International            | 2026                | 0065-2458                           | Yes                                              | Academic Press Inc.   |
| 22      | RAMESH CHANDRA POONIA | –                                     | A Novel Machine Learning Ensemble Approach for Corrupt Data Packet Identification                                      | Information Systems for Intelligent Systems                                                                    | –                      | International            | 2026                | 2367-3389                           | Yes                                              | Springer Nature       |
| 23      | RAMESH CHANDRA POONIA | Advances in Computers                 | The Role of Artificial Intelligence in Electric and Autonomous Vehicles                                                | –                                                                                                              | –                      | International            | 2026                | 00652458                            | Yes                                              | Academic Press Inc.   |
| 24      | RAMESH CHANDRA POONIA | Advances in Computers                 | Sentiment analysis of sentences used in Indian local languages using Transfer Learning                                 | –                                                                                                              | –                      | International            | 2026                | 0065-2458                           | Yes                                              | Academic Press Inc.   |
| 25      | VANDANA SHARMA        | –                                     | Design of a Multi Camera Enabled Scrutinizing Framework for Smart Cities                                               | Design of a Multi Camera Enabled Scrutinizing Framework for Smart Cities                                       | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE                  |
| 26      | VANDANA SHARMA        | –                                     | An Intelligent Cognitive Framework for Crime Prediction in Smart Cities using Video Mining                             | 2025 International Conference on Artificial Intelligence and Machine Vision Aimv 2025Open source preview, 2025 | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE                  |
| 27      | VANDANA SHARMA        | –                                     | Optimizing Sustainable Agriculture Through Customized Crop Management Approach                                         | 2025 International Conference on Artificial Intelligence and Machine Vision, AIMV 2025 3                       | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE                  |
| 28      | VANDANA SHARMA        | –                                     | Deep-fake Detection for Recognising Altered Audio using Deep Learning Approach                                         | Deep-fake Detection for Recognising Altered Audio using Deep Learning Approach                                 | –                      | International            | 2025                | 979-8-3315-2697-9                   | Yes                                              | IEEE                  |
| 29      | RAMESH CHANDRA POONIA | –                                     | Proceeding                                                                                                             | Smart Cyber Physical Systems Proceedings                                                                       | –                      | International            | 2025                | 978-981-96-2181-1                   | Yes                                              | Springer Nature       |
| 30      | RAMESH CHANDRA POONIA | –                                     | Real-Time Network Monitoring: Integrating Machine Learning and Custom Packet Sniffer Using Python                      | Proceedings of International Conference on AI Systems and Sustainable Technologies                             | –                      | International            | 2026                | 978-981-95-0625-5                   | Yes                                              | Springer Nature       |
| 31      | VANDANA SHARMA        | –                                     | An Optimized Convolutional Neural NetworkModel for Real-Time Object Detection in Drones                                | 2025 International Conference on Artificial Intelligence and Machine Vision, AIMV 2025 5                       | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE                  |
| 32      | ASHISH SHARMA         | –                                     | Rewarding Fathers, Penalizing Mothers - A Quantitative Evidence on the Unequal Gains of Parents in Indian Labor Market | Lecture Notes in Networks and Systems                                                                          | –                      | International            | 2026                | 978-3-032-06700-5                   | Yes                                              | Springer              |

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| 33      | ASHISH SHARMA         | –                                                                         | A Green Inventory Model for Growing Items with Mortality and Permissible Delay in Payment            | 2025 7th International Conference on Information Systems and Computer Networks (ISCON)                                     | –                      | International            | 2026                | 979-8-3315-9744-3                   | Yes                                              | IEEE Xplore                                       |
| 34      | VANDANA SHARMA        | –                                                                         | Leveraging Neural Networks for Personalized Student Engagement and Performance Prediction            | 2025 International Conference on Artificial Intelligence and Machine Vision, AIMV 2025 -6                                  | –                      | International            | 2025                | 979-8-3315-2697-9                   | Yes                                              | IEEE                                              |
| 35      | VANDANA SHARMA        | –                                                                         | Low Latency based Smart Ambulance Model in Emergency Healthcare                                      | 2025 International Conference on Artificial Intelligence and Machine Vision, AIMV 2025-7                                   | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE Xplore                                       |
| 36      | VANDANA SHARMA        | –                                                                         | Deployment of Smart Surveillance System using Deep Learning to Recognize Cyber-criminals             | 2025 AIMV-8                                                                                                                | –                      | International            | 2025                | 979-833152697-9                     | Yes                                              | IEEE Xplore                                       |
| 37      | VARUNA GUPTA          | Cutting-Edge Mobile Applications for Higher Education                     | Artificial Intelligence and Machine Learning in Educational Apps                                     | –                                                                                                                          | –                      | International            | 2026                | 9798369382875                       | Yes                                              | The University of Jordan, Amman, Jordan           |
| 38      | RAMESH CHANDRA POONIA | Smart Cyber-Physical Systems: Innovations and Real-World Implications     | Adaptive multimodal human-machine interaction in cyber-physical systems for enhanced decision-making | –                                                                                                                          | –                      | International            | 2025                | 978-100354251-3                     | Yes                                              | Elsevier                                          |
| 39      | KAMAL UPRETI          | Engineering Solutions for Modern Challenges in Advanced Materials Science | Artificial Intelligence and Machine Learning in Advanced Materials Science: A New Era of Innovation  | –                                                                                                                          | –                      | International            | 2026                | 979-833733558-2                     | Yes                                              | IGI GLOBAL, USA                                   |
| 40      | GARIMA ANAND          | –                                                                         | Modeling Popularity Evolution with Popularity-Augmented Graphs and Dynamic Bayesian PARAFAC          | 5th International Conference on Advancement in Electronics and Communication Engineering, AECE 2025                        | –                      | International            | 2026                | 979-833155296-1                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 41      | VANDANA SHARMA        | –                                                                         | Levelling Up for Nature: Pathways of Engagement with Green Messages in Games                         | Global AI Summit 2025, Proceedings of the 2025 International Conference on Artificial Intelligence and Emerging Technology | –                      | International            | 2026                | 979-833155379-1                     | Yes                                              | IEEE Xplore                                       |
| 42      | VANDANA SHARMA        | –                                                                         | Gaming for the Planet: Exploring Belief, Motivation, and Behaviour in Climate-Conscious Play         | Proceedings of the 2025 International Conference on Artificial Intelligence and Emerging Technology, Global AI Summit 2025 | –                      | International            | 2026                | 979-833155379-1                     | Yes                                              | IEEE Xplore                                       |

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| 43      | SWATI AGRAWAL       | Nature-inspired Metaheuristic Algorithms Solving Real World Engineering Problems | Real-coded genetic algorithm for optimal ordering and pricing in segmented market with freshness and price-dependent demand, advance payment, and trade credit | –                                                                                        | –                      | International            | 2025                | 9781003612858                       | Yes                                              | Taylor and Francis         |
| 44      | PREETY              | –                                                                                | Explainable AI for Heart Disease prediction: A Clinical Transparency Route Experiment                                                                          | Proceedings of International Conference on Digital Innovations for Sustainable Solutions | –                      | International            | 2026                | 979-833155641-9                     | Yes                                              | IEEE Explore               |
| 45      | AMRIT KAUR SAGGU    | –                                                                                | Health-Guard AI: Integrated Health Report Management and Analysis                                                                                              | Innovations and Emerging Technologies In AI & Communication Systems                      | –                      | International            | 2026                | 979-8-3315-7073 -6                  | Yes                                              | IEEE                       |
| 46      | MUDITA SHARAN       | –                                                                                | E-TAN: Emoji Enhanced Two-level Attention Network                                                                                                              | Proceedings of International conference on digital Innovations for Sustainable Solutions | –                      | International            | 2026                | 979-8-3315-6797 -2                  | Yes                                              | IEEE Explore               |
| 47      | SHILPA SRIVASTAVA   | –                                                                                | Prophesying Credit Card Frauds Using Predictive and Deep Transfer Learning: A Comprehensive Experimental Perspective                                           | Advances in Intelligent data analysis and applications                                   | –                      | International            | 2026                | 978-303213047-1                     | Yes                                              | Springer                   |
| 48      | SHILPA SRIVASTAVA   | –                                                                                | Multi Disease Identification in Tomato Plant using CNN and SVM                                                                                                 | IEEE proceedings                                                                         | –                      | International            | 2026                | 979-833155296-1                     | Yes                                              | IEEE Explore               |
| 49      | VIDUSHI             | –                                                                                | Neonatal Hypoglycemia in the Newborn of a Diabetic Mother: Risk Factors in Prediction and Management                                                           | AIP Conference Proceedings                                                               | –                      | International            | 2026                | –                                   | Yes                                              | AIP Conference Proceedings |
| 50      | VIDUSHI             | –                                                                                | Data Analytics in Diabetes Treatment: Approaches and Applications                                                                                              | Data Analytics in Diabetes Treatment: Approaches and Applications                        | –                      | International            | 2026                | –                                   | Yes                                              | AIP                        |
| 51      | VIDUSHI             | –                                                                                | A Comparative Study of Machine Learning Models for Predicting Earthquake Magnitudes                                                                            | ICETM 2025                                                                               | –                      | International            | 2025                | 979-833156668-5                     | Yes                                              | IEEE                       |
| 52      | LAWRENCE KUJUR      | Pedagogical Innovations in Computer Science Education                            | Inclusive Pedagogy in Computer Science Education: A Critical Pedagogical Framework for Computational Access                                                    | –                                                                                        | –                      | International            | 2026                | 9798337365466                       | Yes                                              | IGI Global                 |
| 53      | LAWRENCE KUJUR      | –                                                                                | Enhancing Regional Language Proficiency in Large Language Models Through Translated Datasets                                                                   | Lecture Notes in Networks and Systems                                                    | –                      | International            | 2026                | 978-3-032-12827 -0                  | Yes                                              | Springer Nature            |

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| 54      | LAWRENCE KUJUR      | –                                                                    | A bibliometric analysis of fruit disease prediction using machine learning                                | 2ND INTERNATIONAL CONFERENCE ON OPTIMIZATION TECHNIQUES IN ENGINEERING & TECHNOLOGY                              | –                      | International            | 2025                | –                                   | Yes                                              | AIP Publishing                                    |
| 55      | SHILPA SRIVASTAVA   | –                                                                    | Detecting Student Depression Using Non-Clinical Measures with Explainable Predictive Modeling             | 2025 International Conference on Emerging Technologies and Innovation for Sustainability, EmergIN 2025           | –                      | International            | 2026                | 979-833155603-7                     | Yes                                              | IEEE Explore                                      |
| 56      | PREETY              | –                                                                    | AI-Driven Early Diagnosis of Acute Liver Failure: A Machine Learning Perspective                          | 2025 IEEE International Conference on Computer, Electronics, Electrical Engineering and their Applications       | –                      | International            | 2025                | 979-833152439-5                     | Yes                                              | IEEE                                              |
| 57      | KAMAL UPRETI        | –                                                                    | Clinical Pattern Mining for Early Detection of Chronic Kidney Disease: A Data-Driven Diagnostic Framework | Proceedings of the 2026 International Conference on AI-Driven Smart Systems and Ubiquitous Computing, ICAUC 2026 | –                      | International            | 2026                | 979-8-3315-5852-9                   | Yes                                              | IEEE Xplore                                       |
| 58      | KAMAL UPRETI        | Smart Cyber-Physical Systems Innovations and Real-World Implications | Navigating the risks: Cybersecurity challenges in cryptocurrency and blockchain solutions                 | –                                                                                                                | –                      | International            | 2025                | 978-100354251-3                     | Yes                                              | CRC Press                                         |
| 59      | KAMAL UPRETI        | Smart Cyber-Physical Systems Innovations and Real-World Implications | AI-driven smart cyber-physical systems for optimizing supply chain route planning and logistics           | –                                                                                                                | –                      | International            | 2025                | –                                   | Yes                                              | CRC Press                                         |
| 60      | KAMAL UPRETI        | Smart Cyber-Physical Systems Innovations and Real-World Implications | Exploring advancements in space object detection through computer vision                                  | –                                                                                                                | –                      | International            | 2025                | 978-100354251-3                     | Yes                                              | CRC Press                                         |
| 61      | KAMAL UPRETI        | Smart Cyber-Physical Systems Innovations and Real-World Implications | Integrating CPS in digital payments 5.0: A study on security risks and evidence-based solutions           | –                                                                                                                | –                      | International            | 2025                | –                                   | Yes                                              | CRC Press                                         |
| 62      | KAMAL UPRETI        | –                                                                    | Adaptive Threshold-Based Risk Prediction Model for Early-Stage CKD: A Precision Healthcare Approach       | ICCECE 2026 - International Conference on Computing, Electronics and Communications Engineering                  | –                      | International            | 2026                | 979-831951700-5                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 63      | KAMAL UPRETI        | –                                                                    | Dynamic Reasoning Modality Selection in Hybrid Neuro-Symbolic Agent Architecture                          | 2026 International Conference on Computing, Electronics & Communications Engineering (ICCECE)                    | –                      | International            | 2026                | 979-8-3195-1700-5                   | Yes                                              | Institute of Electrical and Electronics Engineers |
| 64      | NEHA SAINI          | Quantum Cryptography                                                 | Quantum Cryptography: The Future of Data Security in Smart Urban Environments                             | –                                                                                                                | –                      | International            | 2025                | 979-833733328-1 , 979               | Yes                                              | IGI Global Scientific Publishing                  |

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| 65      | VANDANA SHARMA                                                                         | –                                                                                        | Green resource management in 6G: AI-enabled approaches for energy-efficient wireless networks                            | 3rd International Conference on Applied Data Science and Smart Systems, ADSSS 2024 -1                                         | –                                                                                                                             | International            | 2026                | –                                   | Yes                                              | American Institute of Physics  |
| 66      | VANDANA SHARMA                                                                         | –                                                                                        | Rewiring transformers for exploit likelihood prediction of cyber vulnerabilities                                         | 3rd International Conference on Applied Data Science and Smart Systems, ADSSS 2024 -2                                         | –                                                                                                                             | International            | 2026                | –                                   | Yes                                              | American Institute of Physics  |
| 67      | VANDANA SHARMA                                                                         | –                                                                                        | Deep learning approach to process criminality with gesture analysis                                                      | Deep learning approach to process criminality with gesture analysis                                                           | –                                                                                                                             | International            | 2026                | –                                   | Yes                                              | American Institute of Physics  |
| 68      | VANDANA SHARMA,A Prasanth, R K Dhanaraj, P Raj                                         | Blockchain-Based Digital Twins: Research Trends And Challenges                           | –                                                                                                                        | –                                                                                                                             | –                                                                                                                             | International            | 2025                | 9781774918425                       | Yes                                              | Apple Academic Press           |
| 69      | VANDANA SHARMA,PREETY,Ashish Parashar                                                  | –                                                                                        | Analyzing Hate Speech Detection using Explainable AI                                                                     | 2024 IEEE 11th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2024 | 2024 IEEE 11th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2024 | International            | 2025                | 979-835037872-6                     | Yes                                              | IEEE Xplore                    |
| 70      | NISHANT KUMAR,KAMAL UP RETI,KHUSHBOO MALIK,ANUSHA C HAUDHARY,ONAM SINGH,SUMEGH THREWAL | Convergence of Population Health Management, Pharmacogenomics, and Patient-Centered Care | Integrating Telemedicine Into Population Health Management for Pharmacogenomics and Patient-Centered Care in Rural India | –                                                                                                                             | –                                                                                                                             | International            | 2025                | 9798369332603                       | Yes                                              | IGI GLOBAL                     |
| 71      | MANJULA SHANBHOG,RAMESH CHANDRA POONIA,Prashant Kumar                                  | Progressive Computational Intelligence, Information Technology and Networking            | Three-level biometric digital voting system                                                                              | –                                                                                                                             | –                                                                                                                             | International            | 2025                | 9781003650010                       | Yes                                              | CRC                            |
| 72      | GARIMA ANAND,SHILPA SRIVASTAVA                                                         | Nature-inspired Metaheuristic Algorithms                                                 | Particle swarm optimization- based support vector regression for predictions: Approach and applications                  | –                                                                                                                             | –                                                                                                                             | International            | 2025                | 9781003612858                       | Yes                                              | Taylor and Francis (CRC PResS) |
| 73      | VANDANA SHARMA,Naman Mishra                                                            | Advances in Science, Technology and Innovation                                           | –                                                                                                                        | –                                                                                                                             | –                                                                                                                             | International            | 2025                | –                                   | Yes                                              | Springer Nature                |

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| 74      | VANDANA SHARMA,L Adeola, C Iwendi, M A ALKhasawneh                               | Learning and Analytics in Intelligent Systems                                    | –                                                             | –                                                                                              | –                                                                                              | International            | 2025                | 26623447                             | Yes                                              | Springer Nature       |
| 75      | VANDANA SHARMA,Ritish Sood                                                       | –                                                                                | Analysis of Security Breach using IoT Devices in Smart Cities | 2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024 | 2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024 | International            | 2025                | 979-833151898-1                      | Yes                                              | IEEE XPlore           |
| 76      | Sulabh Bansal,Apna Tripathi,SHILPA SRIVASTAVA,Prem Prakash Vuppuluri             | Nature-inspired Metaheuristic Algorithms Solving Real World Engineering Problems | –                                                             | –                                                                                              | –                                                                                              | International            | 2025                | 9781032770871                        | Yes                                              | CRC Press             |
| 77      | Sulabh Bansal,Apna Tripathi,SHILPA SRIVASTAVA,Prem Prakash Vuppuluri             | Nature-inspired Metaheuristic Algorithms Solving Real World Engineering Problems | –                                                             | –                                                                                              | –                                                                                              | International            | 2025                | 978-104034487-3 ,<br>978-103277087-1 | Yes                                              | CRC Press             |
| 78      | KAMAL UPRETI,Balraj Verma, Mike Schulze,Timi Olubiyi                             | Navigating the Self-Service Revolution With Smart Machines                       | Preface                                                       | –                                                                                              | –                                                                                              | International            | 2025                | 9798337312958                        | Yes                                              | IGI Global            |
| 79      | KAMAL UPRETI,Balraj Verma, Mike Schulze,Timi Olubiyi                             | Navigating the Self-Service Revolution With Smart Machines                       | –                                                             | –                                                                                              | –                                                                                              | International            | 2025                | 979-833731297-2                      | Yes                                              | IGI Global            |
| 80      | KAMAL UPRETI,Vishakha Kuwar ,Pravinkumar Shastri,Pratibha Bhide,Mustafizul Haque | Navigating the Self-Service Revolution With Smart Machines                       | –                                                             | –                                                                                              | –                                                                                              | International            | 2025                | 9798337312958                        | Yes                                              | IGI Global            |

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| 81      | JOSSY P GEORGE,Alan Biju,BOSCO PAUL ALAPATT    | –                                     | Ensemble Hybrid LSTM Architectures for Robust Multi-Currency Forex Forecasting               | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025             | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 82      | JOSSY P GEORGE,Martin, J.J,BOSCO PAUL ALAPATT  | –                                     | A Novel Approach to Packet Dropping and Malicious Attack Detection using Ensemble Techniques | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025             | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 83      | JOSSY P GEORGE,Alphine, P.J,BOSCO PAUL ALAPATT | –                                     | Enhancing Malware Detection Through Hybrid Deep Learning Techniques                          | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV                  | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 84      | JOSSY P GEORGE,Singh, A,BOSCO PAUL ALAPATT     | –                                     | An Explainable AI-Driven Deep Learning Algorithm for Heart Disease Detection in Healthcare   | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks Icicv 2025, pp. 471-477 | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |

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| 85      | JOSSY P<br>GEORGE,Mahnot,<br>S,BOSCO PAUL<br>ALAPATT                                                                      | –                                                                     | An Algorithm for Cybersecurity Threats Detection in the Internet of Things using Deep Learning Approach | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks Icciv 2025, pp. 1464-1471 | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 86      | JOSSY P<br>GEORGE,Shrivastava,<br>A,BOSCO PAUL<br>ALAPATT                                                                 | –                                                                     | Geochemical Data Exploration using Machine Learning Methods                                             | Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks Icciv 2025, pp. 484-489   | 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025 | International            | 2025                | 979-833151175-3                     | Yes                                              | Institute of Electrical and Electronics Engineers |
| 87      | KAMAL<br>UPRETI,Rituraj<br>Jain,Shubham<br>Rajendra<br>Ekatpure,Vipul Kumar<br>Gupta,Ashish Kumar<br>Rai,Jaishri Gothania | Navigating the Self-Service Revolution With Smart Machines            | –                                                                                                       | –                                                                                                                                           | –                                                                                                              | International            | 2025                | 9798337312958                       | Yes                                              | IGI Global                                        |
| 88      | KAMAL<br>UPRETI,Sheela<br>Hundekari,Onyekachi<br>Kelvin<br>Onumajuru,Danish<br>Multani,Olutoye<br>Timothy Oluwakemi       | –                                                                     | Enhancing Low-Power VLSI Design through AI-Based Simulation and Optimization                            | 2025 Fourth International Conference on Smart Technologies, Communication and Robotics (STCR)                                               | 2025 Fourth International Conference on Smart Technologies, Communication and Robotics (STCR)                  | International            | 2025                | 979-8-3503-5753-0                   | Yes                                              | IEEE Xplore                                       |
| 89      | KAMAL<br>UPRETI,Balraj<br>Verma,Mike<br>Schulze,Timi Olubiyi                                                              | Practical applications of self-service technologies across industries | –                                                                                                       | –                                                                                                                                           | –                                                                                                              | International            | 2025                | 979-833734669-4                     | Yes                                              | IGI Global                                        |
| 90      | SHILPA SRIVASTAVA, VARUNA<br>GUPTA,VANDANA<br>MEHNDIRATTA,Apna Tripathi                                                   | Nature Inspired metaheuristic algorithm: solving real world problems  | –                                                                                                       | –                                                                                                                                           | –                                                                                                              | International            | 2025                | 978-104034487-3                     | Yes                                              | CRC Press                                         |

| Sl. No. | Name of the teacher                                                                | Title of the book/ chapters published                                                  | Title of the paper                                                            | Title of the proceedings of the conference                                             | Name of the conference                                                             | National / International | Year of publication | ISBN/ ISSN number of the proceeding  | Affiliating Institute at the time of publication | Name of the publisher                              |
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| 91      | SHILPA SRIVASTAVA, Aprna Tripathi, Sulabh Bansal, Prem Prakash Vuppuluri           | Nature-inspired Metaheuristic Algorithms: Solving Real World Engineering Problems      | –                                                                             | –                                                                                      | –                                                                                  | International            | 2025                | 978-104034487-3 ,<br>978-103277087-1 | Yes                                              | CRC Press                                          |
| 92      | JIBY JOSE E, JOSSY P GEORGE, BOSCO PAUL ALAPATT, RIYA BABY, Nair, Akhil M, Anushka | –                                                                                      | An Efficient Machine Learning Framework for Flood Forecasting                 | Lecture Notes in Networks and Systems ((LNNS, volume 1278))                            | 5th Congress on Intelligent Systems, CIS 2024                                      | International            | 2025                | 978-981-96-2702-8                    | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 93      | C jha, VANDANA SHARMA, Vaishnavi Singh, Aditi, Sushruta Mishra , Ahmed Alkhayyat   | –                                                                                      | A Smartphone Based Robust Model for Intelligent Prediction of Thyroid Disease | International Conference on Data Mining and Information Security, ICDMIS 2024          | 2024 International Conference on Data Mining and Information Security, ICDMIS 2024 | International            | 2025                | 978-981966065-0 / 23673370           | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 94      | K Saxena, D Tiwari, VANDANA SHARMA, S Mishra, A Alkhayyat                          | –                                                                                      | Optimizing Cybersecurity in Digital Domain Through Proactive Cyber Monitoring | 3rd International Conference on Innovations in Data Analytics, ICIDA 2024              | 3rd International Conference on Innovations in Data Analytics, ICIDA 2024          | International            | 2025                | 978-981966296-8 / 2367-3370          | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 95      | N Pushpalatha, VANDANA SHARMA, G Devarajan                                         | Handbook of AI-Based Mechatronics Systems and Smart Solutions in Industrial Automation | –                                                                             | –                                                                                      | –                                                                                  | International            | 2025                | 978-104040816-2 ,<br>978-103261435-9 | Yes                                              | CRC, Taylor and Francis                            |
| 96      | S Chatterjee, VANDANA SHARMA, S Mishra, A Alkhayyat                                | –                                                                                      | Comparative Analysis of Predictive Models to Detect Alzheimer's Disease       | Handbook of AI Based Mechatronics Systems and Smart Solutions in Industrial Automation | 3rd International Conference on Innovations in Data Analytics, ICIDA 2024          | International            | 2025                | 978-981966299-9 / 2367-3370          | Yes                                              | Springer Science and Business Media Deutschland Gm |

| Sl. No. | Name of the teacher                                                          | Title of the book/ chapters published                                        | Title of the paper                                                     | Title of the proceedings of the conference                                                                | Name of the conference                                                                                    | National / International | Year of publication | ISBN/ ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher                              |
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| 97      | D Guha,D Avataran,VANDANA SHARMA,S Mishra,R Lenka,A Alkhayyat                | –                                                                            | Chronic Disease Diagnosis Using Multi-modal Transfer Learning Model    | Lecture Notes in Networks and Systems                                                                     | 3rd International Conference on Innovations in Data Analytics, ICIDA 2024                                 | International            | 2025                | 978-981966299-9 / 23673370          | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 98      | U Chaudhari,R Chanda,VANDANA SHARMA,S Mishra,A Alkhayyat,N Mishra            | –                                                                            | Personalized Medicine Recommendation Through Genomics AI               | International Conference on Data Mining and Information Security, ICDMIS 2024                             | International Conference on Data Mining and Information Security, ICDMIS 2024                             | International            | 2025                | 978-981-96-6052 -0                  | Yes                                              | Springer Science and Business Media Deutschland Gm |
| 99      | S Yasmin,A Beura,A Jain,VANDANA SHARMA,R Mohanty                             | –                                                                            | Application of RNN Model in Detection and Prevention of Cyber-Bullying | 2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025 | 2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025 | International            | 2025                | 979-8-3315-8674 -4                  | Yes                                              | IEEE                                               |
| 100     | A Mandal,N Hasan,A Jain,R Mohanty,VANDANA SHARMA                             | Computational Relevance of Model Pruning and Quantization for Low-Powered AI | –                                                                      | –                                                                                                         | 2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025 | International            | 2025                | 979-833158673-7                     | Yes                                              | IEEE                                               |
| 101     | 202                                                                          | Safe Data-Driven Control for Cyber-Physical Systems                          | –                                                                      | –                                                                                                         | –                                                                                                         | International            | 2025                | 9798337318325                       | Yes                                              | IGI Global Scientific Publishing                   |
| 102     | JOSSY P GEORGE,KAMAL UPRETI,RAMESH CHANDRA POONIA,Ankit Gautam,Danish Nadeem | Cognitive Cloud Computing: Building Intelligent Systems for Tomorrow         | –                                                                      | –                                                                                                         | –                                                                                                         | International            | 2025                | 9781003569251                       | Yes                                              | CRC Press                                          |

| Sl. No. | Name of the teacher                                                                 | Title of the book/ chapters published                                                                                                                                | Title of the paper                                                              | Title of the proceedings of the conference | Name of the conference                                                  | National / International | Year of publication | ISBN/ ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher |
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| 103     | JOSSY P<br>GEORGE,KAMAL<br>UPRETI,BOSCO<br>PAUL ALAPATT                             | Cognitive Cloud Computing                                                                                                                                            | Building resilient and sustainable operations through cloud security            | –                                          | –                                                                       | International            | 2025                | –                                   | Yes                                              | CRC Press             |
| 104     | VANDANA<br>SHARMA,P Raj,B<br>Balamurugan,R<br>Dhanaraj                              | Metaverse for Sustainable Development: Trends and Applications                                                                                                       | –                                                                               | –                                          | –                                                                       | International            | 2025                | 978-139427222-8                     | Yes                                              | Wiley                 |
| 105     | J S Dhatteval,K S<br>Kaswan,VANDANA<br>SHARMA,B<br>Balamurugan                      | Future Trends of Roadmap to Metaverse Technology (Metaverse for Sustainable Development: Trends and Applications)                                                    | Future Trends of Roadmap to Metaverse Technology                                | –                                          | –                                                                       | International            | 2025                | 978-139427222-8                     | Yes                                              | Wiley                 |
| 106     | K Kaswan,J S<br>Dhatteval,R<br>Batra,VANDANA<br>SHARMA                              | Amalgamation of IoT, Blockchain, Artificial Intelligence for Metaverse (Metaverse for Sustainable Development: Trends and Applications)                              | Amalgamation of IoT, Blockchain, Artificial Intelligence for Metaverse          | –                                          | –                                                                       | International            | 2025                | 978-139427222-8                     | Yes                                              | Springer              |
| 107     | P Raj,N<br>Gayatri,VANDANA<br>SHARMA                                                | Demystifying the Metaverse Era: The Enabling Technologies and Industry Use Cases (Metaverse for Sustainable Development: Trends and Applications)                    | –                                                                               | –                                          | –                                                                       | International            | 2025                | 978-139427222-8                     | Yes                                              | Wiley                 |
| 108     | Upinder<br>Kaur,VANDANA<br>SHARMA                                                   | Exploring the Blockchain-Enabled Metaverse: A Comparative Study of Leading Platforms (Metaverse for Metaverse for Sustainable Development: Trends and Applications ) | –                                                                               | –                                          | –                                                                       | International            | 2025                | 978-139427222-8                     | Yes                                              | Wiley                 |
| 109     | SHILPA SRIVASTA<br>VA,Niharika<br>Patni,Meenu<br>Singh,Millie<br>Pant,Vaclav Snasel | –                                                                                                                                                                    | Integrating SMOTE and Heterogeneous Ensemble Methods for Online Fraud Detection | Smart Innovation, Systems and Technologies | The Euro-China Conference on Intelligent Data Analysis and Applications | International            | 2025                | 978-981967276-9 / 21903018          | Yes                                              | Springer              |

| Sl. No. | Name of the teacher                                              | Title of the book/ chapters published | Title of the paper                                                                | Title of the proceedings of the conference                                          | Name of the conference                                                              | National / International | Year of publication | ISBN/ ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher         |
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| 110     | Kriti Tondon,SHILPA SRIVASTAVA,Priyan shu Kushwaha,Apna Tripathi | –                                     | Chain funds: Transforming healthcare crowdfunding through blockchain technologies | 2nd International Conference On Optimization Techniques In Engineering & Technology | 2ND INTERNATIONAL CONFERENCE ON OPTIMIZATION TECHNIQUES IN ENGINEERING & TECHNOLOGY | International            | 2025                | 0094243X                            | Yes                                              | American Institute of Physics |