

### Faculty Book Publications (2023-2024)

| Sl. No. | Name of the Faculty                         | Title/Topic                                                                                                   | Publication                     | Year of Publication | Publications                     |
|---------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------|----------------------------------|
| 1       | Dr.B.Shadaksharappa<br>Prof.P.Ramkumar      | A Smart Anomaly Detection Method in Cyber Physical Systems Using Machine Learning                             | 10.4018/979-8-3693-4159-9.ch021 | 2024                | IGI Global Scientific Publishing |
| 2       | Dr.B.Shadaksharappa                         | Human- Machine Interface Technology Advancement and application                                               | 978-1-032-35152                 | 2023                | CRC Press                        |
| 3       | Dr. B. Shadaksharappa,<br>Prof. P. Ramkumar | Epileptic seizure classification using Machine learning Algorithm with the techniques of PCA FeatureReduction | 9781003326830                   | 2023                | CRC Press                        |
| 4       | Prof.P.Ramkumar                             | Applications of Artificial Intelligence in Thrust Manufacturing: Enhancing Precision and Efficiency           | 10.4018/979-8-3693-2615-2.ch004 | 2024                | IGI Global Scientific Publishing |
| 5       | Prof.P.Ramkumar&<br>Prof C.Valarmathi       | An Adaptive Cryptography Using OpenAI API: Dynamic Key Management Using Self Learning AI                      | 10.4018/979-8-3693-1642-9.ch004 | 2024                | IGI Global Scientific Publishing |

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| 6  | Dr. C.Vinola/ Prof.P. Ramkumar         | Secure Data transmission in the WSN sector utilizing a Heuristic Multi-level clustering Mechanism with dynamic trust computation. | 10.4018/979-8-3693-4159-9.ch015 | 2024 | IGI Global Scientific Publishing |
| 7  | Dr. Mahesh                             | Programming in Python for Beginners                                                                                               |                                 | 2023 |                                  |
| 8  | Dr.. Mahesh                            | Internet of Things                                                                                                                |                                 | 2023 |                                  |
| 9  | Prof.Rizvana                           | Problem solving and Python programming                                                                                            | ISBN-13:978-93-5577-603-7       | 2023 |                                  |
| 10 | Prof.Reji Thomas                       | Artificial Intelligence In Medicine                                                                                               |                                 | 2024 |                                  |
| 11 | Prof. V.Yamuna,<br>Prof.M.Amsa Lakshmi | Problem solving and Python programming                                                                                            | 978-93-6260-479-8               | 2024 |                                  |