

Books Published by Faculty				
S.No.	Title	Authors	Publisher	Year
1	Big Data, Cloud Computing and IoT: Tools and Applications	Sita Rani , Pankaj Bhambri, Aman Kataria, Alex Khang, and Arun Kumar Sivaraman	Publisher : CRC Press(Edited Book) (Scopus Indexed)	Apr-23
2	Handbook of Research on AI-Based Technologies and Applications in the Era of the Metaverse	Alex Khang, Vrushank Shah, Sita Rani	Publisher : IGI Global (Edited Book) (Scopus Indexed)	Jul-23
3	Designing Workforce Management Systems for Industry 4.0: Data-Centric and AI-Enabled Approaches	Alex Khang, Sita Rani , Rashmi Gujrati, Hayri Uygun, and Shashi Kant Gupta	Publisher : CRC Press(Edited Book) (Scopus Indexed)	Oct-23
4	Smart Cities: IoT Technologies, Big Data Solutions, Cloud Platforms, and Cybersecurity Techniques	Alex Khang, Shashi Kant Gupta, Sita Rani , and Dimitrios A. Karras	Publisher : CRC Press(Edited Book) (Scopus Indexed)	Nov-23
5	Machine Learning for Sustainable Manufacturing in Industry 4.0: Concept, Concerns and Applications	Raman Kumar, Sita Rani , and Sehijpal Singh	Publisher : CRC Press(Edited Book) (Scopus Indexed)	Nov-23
6	Machine Learning Tool-Translingua (Computer Networks and Internet Protocol)	Satinderpal Singh	NPTEL	Apr-25
7	AI and Data Analytics in Precision Agriculture for Sustainable Development	Sita Rani , Soumi Dutta, Álvaro Rocha, Korhan Cengiz	Publisher: Springer Nature , Switzerland (International)	Jul-25
8	Transforming Industries: Capturing the Potential of IIoT and ML in the Era of Industry 5.0 (Intelligent Manufacturing and Industrial Engineering)	Ashima Kalra , Sita Rani , Ravinder Kumar , Ahmed A. Elngar	Publisher: CRC Press , USA (International)	Oct-25

9	Digital Forensics in Next-Generation Internet of Medical Things: Balancing Security and Sustainability	Hemant Kumar Saini , Sita Rani , Mariya Ouaisa , Mariyam Ouaisa , Zakaria Abou El Houda , Hajar Moudoud	Publisher: CRC Press, USA (International)	Nov-25
10	Explainable AI for Healthcare: Real Life Applications and Use Cases for Practitioners	Aman Kataria and Sita Rani	Publisher: CRC Press, USA (International)	Dec-25
11	Artificial Intelligence Powered Sustainable Development of Business 4.0 (Intelligent Data-Driven Systems and Artificial Intelligence)	Hemant Kumar Saini , Sita Rani , Vikram Puri , Noor Zaman Jhanjhi	Publisher: CRC Press (International)	Feb-26