3.4.5 **Number of books and chapters in edited volumes published per teacher during the last five years (2019-2023)**

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
1	Javaid Iqbal, Faheem Syeed Masoodi, Ishfaq Ahmad Malik, Shozab Khurshid, Iqra Saraf, Alwi M. Bamhdi	System Reliability and Security: Techniques and Methodologies, Volume I, 2023		2023	9781032624983	University of Kashmir	Taylor & Francis Group
2	Arif Ahmad Rather, Manzoor Ahmad Chachoo	Clustering High Dimensional Transcriptomic Data with Spectral Clustering for Patient Subtyping		2023		University of Kashmir	Springer Nature Singapore
3	Owais Bashir, Khalid Rehman Hakeem, Surinder S. Kukal, Razeef Mohd,	Soil, Agriculture, and Ecosystem Modeling Smart Technologies for Sustainable Solutions		2023	978-1032-6853-59	SKUAST-Kashmir	Taylor & Francis Group
4	Faheem Masoodi, Mohammad Quasim, Syed Bukhari, Sarvottam Dixit, Shadab Alam	Applications of Machine Learning and Deep Learning on Biological Data		2022	9781032214375	University of Kashmir	Taylor & Francis Group
5	Syed Nisar Hussain Bukhari, Faheem Masoodi, Muneer Ahmad Dar, Nisar IqbalWani, Adfar Sajad and Gousiya Hussain		Prediction of Squamous Diseases Using Machine Learning	2022	9781032214375	University of Kashmir	Taylor & Francis Group
6	Tawseef Ahmed Teli, Faheem Syed Masoodi and Zubair Masoodi		Application of Machine Learning and Deep Learning on Biological Data	2022	9781032214375	University of Kashmir	Taylor & Francis Group
7	Ishfaq Majeed Sheikh & Manzoor Ahmad Chachoo		Leukocytic Cell Nucleus Identification Using Boundary Cell Detection Algorithm with Dilation and Erosion Based Morphometry	2022	978-3-030-96569-3	University of Kashmir	Springer
8	Ishfaq Majeed Sheikh & Manzoor Ahmad Chachoo		Low-Rank Representation Based Approach for Subspace Segmentation and Clustering of Biomedical Image Patterns	2022	978-3-030-96569-3	University of Kashmir	Springer
9	M. Arif Wani, Vasile Palede	Deep Learning Applications, Volume 4, 2022		2022	978-981-19-6152-6	University of Kashmir	Springer

#	Authors	Title	Subtitle	Year	ISBN/ISSN	Institution	Publisher
10	M. Arif Wani, Ishwar K. Sethi, Weisong Shi, Guangzhi Qu, Daniela Stan Raicu, Ruoming Jin	Proceedings of international conference on Machine Learning and Applications		2022	978-1-6654-4337-1	University of Kashmir	IEEE
11	Shafia, Manzoor Ahmad Chachoo		Identifying Criminal Communities in Online Networks via Non-negative Matrix Factorization-Incorporated Sentiment Analysis	2022		University of Kashmir	Springer Nature Singapore
12	Junaid Latief Shah, Heena Farooq Bhat and Asif Iqbal Khan		Integration of Cloud and IOT for smart ehealthcare	2021	978-0-12-819664-9	University of Kashmir	Elsevier
13	M. Arif Wani, Taghi TaKhoshgoftaar, Vasile Palade	Deep Learning Applications, Volume 2, 2020		2020	978-981-15-6758-2	University of Kashmir	Springer
14	M. Arif Wani, Mehmed Kantardzic, Moamar Sayed-Mouchaweh	Deep Learning Applications		2020	978-981-15-1815-7	University of Kashmir	Springer
15	M. Arif Wani, Farooq A. Bhat, Sadaf Afzal, Asif I. Khan	Advances in Deep Learning,		2020	978-981-13-6794-6	University of Kashmir	Springer
16	Junaid Latief Shah and Heena Farooq Bhat		Towards Integration of Cloud Computing with Internet of Thing	2020	1868-4394	University of Kashmir	Springer
17	Junaid Latief Shah and Heena Farooq Bhat		CloudIOT for Smart Healthcare: Architecture, Issues, and Challenges	2020	978-3-030-37525-6	University of Kashmir	Springer
18	MA Wani, FA Bhat, S Afzal, AI Khan	Advances in Deep Learning	Springer	2020		University of Kashmir	Springer
19	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Basics of supervised deep learning	Advances in Deep Learning, 13-29	2020		University of Kashmir	
20	MA Wani, F Luo, XA Li, D Dou, F Bonchi	ICMLA 2020		2020		University of Kashmir	
21	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Introduction to deep learning	Advances in deep learning, 1-11	2020		University of Kashmir	
22	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Supervised deep learning architectures	Advances in Deep Learning, 53-75	2020		University of Kashmir	

23	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Supervised deep learning in face recognition	Advances in Deep Learning, 95-110	2020		University of Kashmir	
24	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Supervised deep learning in fingerprint recognition	Advances in Deep Learning, 111-132	2020		University of Kashmir	
25	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Training supervised deep learning networks	Advances in Deep Learning, 31-52	2020		University of Kashmir	
26	M Arif Wani, M Kantardzic, M Sayed-Mouchaweh	Trends in deep learning applications	Deep learning applications, 1-7	2020		University of Kashmir	
27	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Unsupervised deep learning architectures	Advances in Deep Learning, 77-94	2020		University of Kashmir	
28	MA Wani, FA Bhat, S Afzal, AI Khan, MA Wani, FA Bhat, S Afzal, AI Khan	Unsupervised Deep Learning in Character Recognition	Advances in Deep Learning, 133-149	2020		University of Kashmir	
29	M. Arif Wani, Taghi M. Khoshgoftaar, Dingding Wang, Huanjing Wang, Naeem (Jim) Seliya	Proceedings of Machine Learning and Applications		2019	978-1-7281-4549-5	University of Kashmir	IEEE
30	Ishfaq Majeed Sheikh, Manzoor Ahmad Chachoo	Artificial intelligence for innovative healthcare informatics	Leukocytic cell nucleus identification using boundary cell detection algorithm with dilation and erosion based morphometry			University of Kashmir	Springer International Publishing
31	Ishfaq Majeed Sheikh, Manzoor Ahmad Chachoo	Artificial Intelligence for Innovative Healthcare Informatics	Low-Rank Representation Based Approach for Subspace Segmentation and Clustering of Biomedical Image Patterns			University of Kashmir	Springer International Publishing