

Shaheed Rajguru College of Applied Sciences for Women Research

Books Authored/ Chapter in Edited Books/ Books Edited

July 2019- June 2020

(a) Books Authored

Department	Name of the Faculty	Title of the Book	Authorship*	Name of the Publisher	ISBN	Country of Publication
Electronics	Dr.AmitaKapoor	Deep Learning with TensorFlow 2 and Keras: Regression, ConvNets, GANs, RNNs, NLP, and More with TensorFlow 2 and the Keras API	Joint Author	Packt Publishing, Limited	978-1838823412	UK

(b) Chapter in Edited Books

Department	Name of the Faculty	Title of Edited Book	Title of Chapter	Authorship*	Name of the Publisher	ISBN
Biomedical Sciences	Dr. Mohd Saquib Ansari	Nanostructured Polymer Composites for Biomedical Applications	Use of Nanostructured Polymer in the Delivery of Drugs for Cancer Therapy	Joint author	Elsevier	ISBN: 978-0-12-816771-7
Computer Science	Dr. Abha Jain	Metaheuristic and Evolutionary Computation: Algorithms and Applications	Comparison of Metaheuristic with Evolutionary and Local Search Methods for Feature Selection	One of the two Authors	Studies in Computational Intelligence (https://www.springer.com/series/7092), Springer	--
EVS	Dr. Prachi Singh	Biochar and Catalysis	Catalysis for Clean Energy and Environmental Sustainability: Biomass Conversion	Prof. K. K. Pant, DrEjaz Ahmad, Dr Sanjay Gupta	Springer Nature	Under Publication

			and Green Chemistry				
Food Technology	Ms.Saumya Chaturvedi	Emerging Technologies in Food Science	Optimization of process parameters for osmotic dehydration of apple slices	Joint	Springer	9789811525568	
		Emerging Technologies in Food Science	Exploitation of Unmarketable Potatoes for the preparation of Instant Custard powder with different flavors and their sensory evaluation”	Joint	Springer	9789811525568	
	Ms. Vandana	Emerging Technologies in Food Science	Street Foods: Safety and Potential	Joint	Springer	9789811525568	
		Emerging Technologies in Food Science	Traditional Foods: The Inheritance for Good Health	First	Springer	9789811525568	
	Ms. Prabhjot Kaur Sabharwal	Packaging and Storage of Fruits and Vegetables	Edible Coating for Improvement of Horticulture Crops	Joint	CRC Press Taylor and Francis Group	9781771889872	
		Emerging Technologies in Food Science	Street Foods: Safety and Potential	First	Springer	9789811525568	
		Emerging Technologies in Food Science	Traditional Foods: The Inheritance for Good Health	Joint	Springer	9789811525568	
	Instrumentation	Dr.Sneha Kabra	Handbook for III-V High Electron Mobility Transistor Technologies	Current collapse in AlGaIn/GaN HEMTS	One of two authors	CRC Press,	eBook ISBN9780429460043
		Dr. Sonal Singh	Methods of Electrocatalysis	Carbon Based Electrocatalysts	First/Principal/Corresponding Editors	Springer	978-3-030-27160-2
			Photoelectrochemical Water Splitting: Materials and Applications	Narrow Bandgap Semiconductors for Photoelectrochemical	First/Principal/Corresponding Editors	Materials Research Forum LLC	978-1-64490-072-7

			Water Splitting			
		Zinc Batteries: Basics, Developments, and Applications	Nickel and Cobalt materials for Zinc batteries	First/Principal/Corresponding Editors	Wiley	978-1-119-66189-4
	Dr. Sarul Malik	Big Data Analytics and Artificial Intelligence against COVID-19: Innovation Vision and Approach	AI based Covid-19 analysis-A pragmatic approach	First Author	Springer, 2020	
Maths	Dr. Punita Saxena	Emerging trends in Information Technology	Efficiency Evaluation and Benchmarking of Air Carriers in India for the Year 2016–17 Using Data Envelopment Analysis (DEA)	One of the authors	Bloomsbury	978-93-89165-99-9
Microbiology	Dr. Rekha Mehrotra	Microbial Genetics	Transformation, Transduction and its Types	Joint Author	Vikas Publication House Pvt Ltd	9789353387969
	Dr. Richa Sharma	Microbial Genetics	Transformation, Transduction and its Types	Joint Author	Vikas Publication House Pvt Ltd	9789353387969
	Dr. Nitin Chauhan	Packaging and Storage of Fruits and Vegetables Emerging Trends	Postharvest diseases in fruits and vegetables during storage:	Joint Author	Apple Academic Press & Taylor and Francis	9781771889872
		Removal of emerging contaminants through microbial processes	Mechanistic insight to bioremediation of hazardous metals and pesticides from water bodies by microbes:	Joint Author	Springer	978-981-15-5900-6
		Fungal Diversity of Sustainable Agriculture	Prospect of biofuel production by fungus:	Joint Author	Elsevier	9780128213940
Library	Dr. Projes Roy	Bachelor of Library & Information	Chapter-9	Single	VIKAS® PUBLISHING HOUSE PVT.	9789353386238

		Science II - Semester			LTD.	
		Bachelor of Library & Information Science II - Semester	Chapter-8.3-8.4	Single	VIKAS® PUBLISHING HOUSE PVT. LTD.	9789353386238
		Bachelor of Library & Information Science II - Semester	Chapter-7.4-7.5	Single	VIKAS® PUBLISHING HOUSE PVT. LTD.	9789353386238
		Bachelor of Library & Information Science II - Semester	Chapter-6.3-6.4	Single	VIKAS® PUBLISHING HOUSE PVT. LTD.	9789353386238
		Bachelor of Library & Information Science II - Semester	Chapter-4.2-4.4	Single	VIKAS® PUBLISHING HOUSE PVT. LTD.	9789353386238

(c) Books Edited

Department	Name of the Faculty	Title of the Book	Editorship*	Publisher (with city/ country) & Year of Publication	ISBN
Computer Science	Dr. Abha Jain	Computational Intelligence Techniques and Their Applications to Software Engineering Problems	Joint Editors	CRC Press (September 2020), Pages 251.	9780367529741
Library	Dr. Projes Roy	Digital Transformation for an Agile Environment	Joint Editors	TERI, ICDL 2019	978-81-7993-698-6