

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
	Dr. Ruqeya Nazir	<i>Bioactive Compounds and Nutraceuticals from Dairy, Marine, and Nonconventional Sources: Extraction Technology, Analytical Techniques, and Potential Health Prospects</i>	Technological Aspects of Bioactive Compounds and Nutraceuticals from Microbial Sources. In <i>Bioactive Compounds and Nutraceuticals from Dairy, Marine, and Nonconventional Sources</i>	2024	13:978-1774914984		Apple Academic Press
	Dr. Buhan Hamid	<i>In Nano-Bioremediation for Water and Soil Treatment</i>	Nanoremediation: A Sustainable Reclamation Method for Future Deployment	2024	13:978-1774914861		Apple Academic Press.
	Dr. Buhan Hamid	Current status and opportunities in a changing environment	Plant tissue culture and its role in plant breeding programs	2023			
	Prof. Bashir Ah. Ganai	<i>In Biotechnologies and Genetics in Plant Mutation Breeding</i>	In Vitro Mutagenesis via EMS and Gamma Irradiations	2023	13:9789380386324		Apple Academic Press.
	Prof. Bashir Ah. Ganai	<i>In Microbial Consortium and Biotransformation for Pollution Decontamination</i>	Endophytic Microbes: Bioremediation of soil contaminants	2022	13-978-0323918930		Elsevier
	Prof. Bashir Ah. Ganai	<i>In A Molecular Approach to Immunogenetics</i>	Immunopharmacology of Alzheimer's disease	2022	13-978-0748743704		Academic Press.
	Prof. Bashir Ah. Ganai	<i>In Microbes and microbial biotechnology for green remediation</i>	Biochar and its potential use for bioremediation of contaminated soils	2022	13-978-032304520		Elsevier
	Prof. Md. Niamat Ali	Immunogenetics: A Molecular and Clinical Overview	Clinical Applications of Immunogenetics	2022	13.978-0323902502		Academic Press
	Prof. Md. Niamat Ali	Immunogenetics: A Molecular and Clinical Overview	miRNAs: the genetic regulators of immunity	2022	13.978-0323902502		Academic Press
	Prof. Md. Niamat Ali	<i>In Freshwater pollution and aquatic ecosystems (</i>	Bio-indicator species and their role in monitoring water pollution	2022	13-978-0323856249		Academic Press,
	Dr. Zaffar Bashir	<i>In Silicon and Nano-silicon in Environmental Stress Management and Crop Quality Improvement,</i>	Silicon- and nanosilicon-mediated disease resistance in crop plants	2022	2021.978-0-323-91225-9.		Elsevier
	Dr. Ruqeya Nazir	<i>Microbiomes and the global climate change.</i>	Climate Change Extenuation by Greenhouse Gas Quenching Microflora.	2021	13:978-9813345102		Springer.
	Dr. Ruqeya Nazir	<i>Microbiomes and the global climate change.</i>	Role of Green Nanotechnology in Alleviating Climate Change.	2021	13:978-9813345102		Springer.

	Dr. Buhan Hamid	<i>Microbiomes and the global climate change.</i>	Potent Biotechnological Applications of Psychrozymes	2021	13:978-9813345102		Springer.
	Prof. Md. Niamat Ali	<i>In Bacterial Fish Diseases</i>	Common bacterial infections affecting freshwater fish fauna and impact of pollution and water quality characteristics on bacterial pathogenicity	2021	13-9781771889582		Apple Academic Press.
	Dr. Zaffar Bashir	<i>Neglected and Underutilized Crops-Towards Nutritional Security and Sustainability.</i>	Genomic approaches for the improvement and conservation of buckwheat.	2021	978-981-16-3875-6		Springer.
	Prof. Bashir Ah. Ganai	<i>Neglected and Underutilized Crops-Towards Nutritional Security and Sustainability</i>	Genetics and Genomics Resources of Millets: Availability, Advancements, and Applications	2021	13:9789811638756		Springer.
	Prof. Bashir Ah. Ganai	<i>In Agricultural Waste</i>	Mushroom Cultivation Technology for Conversion of Agro-Industrial Wastes into Useful Products	2021	13:987-8186623497		Apple Academic Press.
	Prof. Bashir Ah. Ganai	<i>In Phytomedicine</i>	Bioprospecting of endophytic fungi for antibacterial and antifungal activities	2021	13:978-3527315307		Academic Press.
	Prof. Bashir Ah. Ganai	<i>A Sustainable Continuum for Plant and Soil Health</i>	Role of Microbiota in Composting." <i>Microbiota and Biofertilizers:</i>	2021	13:9783030487706		Springer.
	Prof. Bashir Ah. Ganai	<i>In Phytomedicine</i>	Phytomedicines: Diversity, extraction, and conservation strategies	2021	13:978-3527315307		Academic Press.
	Dr. Ruqeya Nazir	<i>Microbiomes and the global climate change.</i>	Polar microbes as climate-resilient pathways for mitigation of climate change	2021	13:978-9813345102		Springer.
	Dr. Ruqeya Nazir	<i>Soil Bioremediation: An Approach Towards Sustainable Technology</i>	Trends in Heavy Metal Remediation: An Environmental Perspective.	2021	13:9781119547952		Wiley
	Prof. Bashir Ah. Ganai	<i>Fresh Water Pollution Dynamics and Remediation</i>	Bioremediation: a sustainable and emerging tool for restoration of polluted aquatic ecosystem.	2020	13.978-9811382796		Springer.
	Prof. Md. Niamat Ali	<i>Bioremediation and biotechnology</i>	Vermicomposting: An eco-friendly approach for recycling/management of organic wastes."	2020	978-3-030-35690-3		Springer.
	Prof. Md. Niamat Ali	<i>Bioremediation and biotechnology: Sustainable approaches to pollution degradation</i>	Effect of pesticides on fish fauna: Threats, challenges, and possible remedies.	2020	978-3-030-35690-3		Springer.

	Prof. Md. Niamat Ali	<i>Therapeutic Applications of Honey and its Phytochemicals: Vol. 1</i>	Honey: types, composition and antimicrobial mechanisms.	2020	13:978-9811573040		Springer.
	Prof. Md. Niamat Ali	<i>Therapeutic Applications of Honey and its Phytochemicals: Vol. 1</i>	Clinico-Pharmacological Perspective of Honey and Propolis."	2020	13:978-9811573040		Springer.
	Prof. Md. Niamat Ali	<i>Bioremediation and Biotechnology, Vol 4: Techniques for Noxious Substances Remediation</i>	"Role of Soil Biota and Associated Threats.	2020	13978-3030486891		Springer.
	Prof. Md. Niamat Ali	<i>Bioremediation and biotechnology: Sustainable approaches to pollution degradation</i>	Effect of pesticides on fish fauna: Threats, challenges, and possible remedies.	2020	978-3-030-35690-3		Springer.
	Prof. Md. Niamat Ali	<i>Fresh Water Pollution Dynamics and Remediation</i>	Impact of climate change on freshwater ecosystem and its sustainable management.	2020	13:978-9811382765		Springer.
	Prof. Md. Niamat Ali	<i>In Handbook of Research on Environmental and Human Health Impacts of Plastic Pollution</i>	Environmental Phthalate Exposure in Relation to Reproduction Outcomes and Health Endpoints.	2020	13: 978-1522594529		IGI Global
	Dr. Ruqeya Nazir	<i>Freshwater microbiology: perspectives of bacterial dynamics in lake ecosystems.</i>	Bacterial biofilms: the remarkable heterogeneous biological communities and nitrogen fixing microorganisms in lakes	2019	13:978-0128174951		Elsevier
	Dr. Ruqeya Nazir	<i>Freshwater microbiology: perspectives of bacterial dynamics in lake ecosystems.</i>	Exploring bacterial diversity: from cell to sequence	2019	13:978-0128174951		Elsevier
	Dr. Zaffar Bashir	<i>In Applied Agricultural Practices for Mitigating Climate Change</i>	Potassium-solubilizing Microorganisms for Sustainable Agriculture	2019	13:978-0367345297		CRC Press.