

3.3.2 Number of books and chapters in edited volumes/books published and papers published

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
1	Sinha, D.	Biological Interventions Towards Management of Essential Elements i			
2	Sinha, D.	An Overview of Nitrogen, Phosphorus and Potassium: Key Players of N			
3	Sinha, D.	Introduction to Bioentrepreneurship. In Bioentrepreneurship and Trar			
4	Sinha, D.	Multifaceted Potential of Plant Growth Promoting Rhizobacteria (PGP			
5	Sinha, D.	ROS and RNS as Key Players of Salt Stress Response in Plants. In Salt St			
6	Sinha, D.	Plants used in old age problems			
7	Sinha, D.	COVID-19 and Vaccine Management: An Overview. In Pathos of Pande			
8	Sinha, D.	Dealing with the Covid-19 Second wave: Crisis and Remedial Updates-			
9	Sinha, D.	Ecological Succession of Wetlands: A Review of the Current Scenario			
10	Sinha, D.	Water pollution of wetlands: A global threat to inland, wetland, and a			
11	Sinha, D.	Plant Response to Heavy Metals (at the Cellular Level)			
12	Sinha, D.	Heavy Metal Contamination in Plants An Overview. In Heavy Metals ir			
13	Sinha, D.	A Mechanistic Overview of Heavy Metal Detoxification in Plants. In He			
14	Sinha, D.	Ionomics vis à vis Heavy Metals Stress and Amelioration. In Heavy Me			
15	Sinha, D.	Heavy Metal Perception in Plants			
16	Sinha, D.	Chapter 6 - Therapeutic options in coronavirus treatment: COVID-19 c			
17	Sinha, D.	Role of Nanotechnology in Fortifying Nutraceuticals. In Nanotechnolo			
18	Sinha, D.	Role of Rhizobacteria in Phytoremediation of Metal-Impacted Sites. In			
19	Sinha, D.	Methods of Extraction of Phytochemicals. In Isolation, Characterizatio			
20	Sinha, D.	Arsenic Induced Responses in Plants: Impacts on Different Plant Group			
21	Sinha, D.	Molecular Mechanism of Aluminum Tolerance in Plants: An Overview			
22	Sinha, D.	Role of Heavy Metal ATPases in Transport of Cadmium and Zinc in Plai			
23	Sinha, D.	The Function of HAK as K ⁺ Transporter and AKT as Inward-Rectifying A			
24	Sinha, D.	An overview of extremophiles as microbial armament for bioremediat			
25	Sinha, D.	Potential of extremophiles: A review of current research in nanopartic			
26	Sinha, D.	Phytochemistry, history, and progress in drug discovery. In Phytochen			
27	Sinha, D.	Green Nanotechnology: The Novel and Emerging Strategy for Sustaina			
28	Sinha, D.	Scope of Nanotechnology in Biomedical and Ecological Research			
29	Sinha, D.	The Role of Probiotics and Prebiotics in Gut Modulation			
30	Sinha, D.	Terpenes and Terpenoids: Potent Antiviral Agents Against SARS-CoV-2			
31	Sinha, D.	The Disaster of Water Pollution by Heavy Metals: A New Perspective c			
32	Sinha, D.	The Disaster of Air Pollution: Causes, Impact and Mitigation Strategies			
33	Sinha, D.	Phytoremediation of Arsenic: An Overview. In Phytoremediation Pote			
34	Sinha, D.	Sustainability of Aromatic Plants in Remediation of Cadmium from Co			
35	Sinha, D.	Environmental Rehabilitation of Industrial Waste Dumping Site			
36	Sinha, D.	Grain Micronutrients in Pigeonpea: Genetic Improvement Using Mode			
37	Sinha, D.	Bioremediation techniques—Classification, principles, advantages, lim			
38	Mondal, A,	Land Cover Changes in Green Patches and Its Impact on Carbon Seque			
39	Mondal, A,	Understanding Plant Microbial Affiliation for Agricultural Sustainability			
40	Mondal, A,	Potential of extremophiles: a review of current research in nanopartic			
41	Mondal, A,	Observation on Spider Fauna of Central Academy for State Forest Serv			

ed in national/ international conference proceedings per teacher during last five year

National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
n Crop Plants	2020	978-981-15-8635-4	GGDC, Mohanpur	Springer
utrition Process	2020	978-981-15-8635-4	GGDC, Mohanpur	Springer Singapore
nsferring Techno	2021	978-179-98-7411-9	GGDC, Mohanpur	IGI Global
R): An Overview	2021	978-179-98-7062-3	GGDC, Mohanpur	IGI Global
stress Responses	2021	978-1-53619-889-8	GGDC, Mohanpur	Nova Science Publishers
	2022	978-81-952750-6-9	GGDC, Mohanpur	APRF Publishers
emic: COVID 19	2022	978-93-938-7800-7	GGDC, Mohanpur	New Delhi Publisher
- An Indo-Bangla	2022	978-93-938-7800-7	GGDC, Mohanpur	New Delhi Publisher
	2022	978-179-98-9498-8	GGDC, Mohanpur	IGI Global
quatic phytodive	2022	978-17-998-9498-8	GGDC, Mohanpur	IGI Global
	2022	978-10-031-1057-6	GGDC, Mohanpur	CRC Press
1 Plants	2022	978-10-031-1057-6	GGDC, Mohanpur	CRC Press
heavy Metals in Pl	2022	978-10-031-1057-7	GGDC, Mohanpur	CRC Press
tals in Plants	2022	978-10-031-1057-8	GGDC, Mohanpur	CRC Press
	2022	978-10-031-1057-9	GGDC, Mohanpur	CRC Press
drug discovery up	2022	978-03-238-5156-5	GGDC, Mohanpur	Elsevier
gy in Functional I	2022	978-11-199-0482-3	GGDC, Mohanpur	John Wiley & Sons, Ltd
i Microbial and B	2022	978-3-031-08829-2	GGDC, Mohanpur	Springer
n, and Therapeu	2022	978-16-684-7337-5	GGDC, Mohanpur	IGI Global
ps, from Cyanobi	2022	978-11-197-9142-3	GGDC, Mohanpur	Wiley Online Library
	2022	978-981-19-6102-1	GGDC, Mohanpur	Springer Nature Singapore
nts	2022	978-981-19-6102-1	GGDC, Mohanpur	Springer Nature Singapore
Agent in the K+ C	2022	978-981-19-6102-1	GGDC, Mohanpur	Springer Nature Singapore
tion	2022	978-311-07-8488-0	GGDC, Mohanpur	De Gruyter
cle synthesis. In F	2022	978-331-07-8488-0	GGDC, Mohanpur	De Gruyter
nistry, Computat	2023	978-0-323-90593-0	GGDC, Mohanpur	Elsevier
able Developmer	2023	978-10-033-3351-7	GGDC, Mohanpur	Apple Academic Press
	2023	978-10-033-3351-7	GGDC, Mohanpur	Apple Academic Press
	2023	978-11-199-0478-6	GGDC, Mohanpur	John Wiley & Sons, Ltd
!	2023	978-10-033-2388-4	GGDC, Mohanpur	CRC Press
on the Risks, and	2023	979-8-89113-127-9	GGDC, Mohanpur	Nova Science Publishers
s. In Sustainable I	2023	979-8-89113-127-9	GGDC, Mohanpur	Nova Science Publishers
ntial of Medicine	2023	978-10-032-9078-0	GGDC, Mohanpur	CRC Press
ntaminated Sites	2023	978-10-032-9078-0	GGDC, Mohanpur	CRC Press
	2023	978-10-034-5145-7	GGDC, Mohanpur	CRC Press
ern Breeding App	2023	978-981-19-4168-9	GGDC, Mohanpur	Springer Nature Singapore
itations, and prc	2024	978-0-443-21911-5	GGDC, Mohanpur	Academic Press
stration in an Ur	2022	978-3-031-04531-8	GGDC, Mohanpur	Springer International Publ
y	2022	978-93-947-7970-9	GGDC, Mohanpur	Bharti Publications
le synthesis	2022	978-31-107-8848-8	GGDC, Mohanpur	De Gruyter
/rice Campus, Bur	2022	978-93-947-7970-9	GGDC, Mohanpur	Bharti Publications

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