



**Shiksha Mandal's**  
**Bajaj College of Science, Wardha**  
**\*Research and Development Cell\***



**Books and Chapters in Edited Volumes / Books Published since 2017**

Sr. No.	Name of the Teacher	Title of the Book or Chapters in Edited Volumes / Books Published	National / International	Year and Month of Publication	ISBN of the Book	Name of Publisher
1	K. M. Dadure	Highlights of Decade Long Progress of Nano-Selenium Fabricated From Plant Biomass: Insights Into Techniques and Mechanisms (In Biogenic Sustainable Nanotechnology: Trends and Progress, 2022, Chapter 9: pp. 217-226. <a href="https://doi.org/10.1016/C2020-0-03506-1">https://doi.org/10.1016/C2020-0-03506-1</a> )	International	June, 2022	978-0-323-88535-5	Elsevier
2	K. M. Dadure	Phytofabrication of Metal Oxide/iron-Based and Their Therapeutic Potentials: In-depth Insights Into the Recent Progress (In Biogenic Sustainable Nanotechnology: Trends and Progress, 2022, Chapter 8: pp. 185-216. <a href="https://doi.org/10.1016/C2020-0-03506-1">https://doi.org/10.1016/C2020-0-03506-1</a> )	International	June, 2022	978-0-323-88535-5	Elsevier
3	K. M. Dadure	Phytofabrication of Nickel-Based Nanoparticles: Focus on Environmental Benign Technology and Therapeutic Perspectives. (In Biogenic Sustainable Nanotechnology: Trends and Progress, 2022, Chapter 2: pp. 41-57. <a href="https://doi.org/10.1016/C2020-0-03506-1">https://doi.org/10.1016/C2020-0-03506-1</a> )	International	June, 2022	978-0-323-88535-5	Elsevier
4	B. V. Mohite	Metal Nanomaterials as Enzyme Inhibitors and Their Applications in Agriculture and Pharmaceuticals. (In 'Natural Products as Enzyme Inhibitors An Industrial Perspective'. VL Maheshwari, RH Patil (Eds). Pp 251-268. <a href="https://doi.org/10.1007/978-981-19-0932-0">https://doi.org/10.1007/978-981-19-0932-0</a> .)	International	May, 2022	978-981-19-0932-0	Springer Nature Singapore.
5	S. S. Khandare, M. G. Ingale	Climate Change and its Impact on Plant-Microbe Interaction (In Book "CLIMATE CHANGE AND MICROBES: Impacts and Vulnerability" edited by Javid A. Parray, Suhaib A. Bandh, Nowsheen Shameem, pp 125-162)	International	May, 2022	978-1-00318-972-5	Apple Academic Press, US Office, 1265, Golden Road, Circle NE, Palm Bay, FL 32905, 732-998-5302
6	S. H. Bagade	Thermoelasticity-2	International	February, 2022	978-620-4-74445-2	Lambart Academic Publishing

7	S. H. Bagade	Thermoelasticity-1	International	November, 2021	978-620-3-19308-4	Lambart Academic Publishing
8	B. V. Mohite	Isolation and Screening of ACC Deaminase-Producing Microbes for Drought Stress Management in Crops. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). 361-367)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
9	B. V. Mohite	Isolation and Screening of Phytase Producing Microorganisms: An Essential Bioinput for Soil Fertility. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 337-341)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
10	B. V. Mohite	Isolation of Selenium Biotransforming Microbes as New Age Bioinputs. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 243-247)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
11	B. V. Mohite	Isolation and Screening of Silicate Solubilizing Microbes: Modern Bioinputs for Crops. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 237-242)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
12	B. V. Mohite	Isolation of Bacterivorous Protozoan, Acanthamoeba Spp., as New-Age Agro Bio-Input. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 173-178)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
13	B. V. Mohite	Extraction, Isolation and Culturing of Mycorrhizal Spores from Rhizospheric Soil. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 145-149 )	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.
14	B. V. Mohite	Isolation and Identification of Nonsymbiotic Azotobacter and Symbiotic Azotobacter Paspali–Paspalumnotatum. (In Practical Handbook on Agricultural Microbiology. Natarajan Amaresan, Pritesh Patel, Dhruvi Amin (Eds.). pp. 25-33)	International	October, 2021	978-1-0716-1724-3	Springer Protocol Handbooks, Humana Press. New York.

15	Dr. P. V. Tekade	A Text Book of Chemistry B.Sc. Sem- V	National	August, 2021	978-93-87278-87-5	DnyanPath Publication, Amravati
16	U. A. Malode	DNA Barcode: New Approach for Conservation of Biodiversity (In 'Innovative Research Trends in Science and Humanities' by N. S. Dharkar, K. P. Suradkar, S. R. Kadu, D. M. Chavhan, P. B. Ingle)	National	February, 2021	978-1-954461-44-4	Insc publishing house(iph),Karnataka
17	B. V. Mohite	Probiotics for Allergic Airway Infection and Inflammations. (Chapter 13 In Probiotic Research in Therapeutics.Vol 2, Modulation of Gut Flora: Management of Inflammation and Infection Related Gut Etiology. pp 295-314)	International	February, 2021	978-981-33-6235-2	Springer, Singapore
18	B. V. Mohite	ESIPT Inspired Benzothiazole Fluorescent Molecules. (Chapter 3 In 'Benzothiazole: preparation, structure and uses' edited by Atakan Heijstek)	International	June, 2020	978-1-53617-548-6	Nova Science Publishers, New York.
19	B. V. Mohite	Azotobacter (Chapter 19 in Beneficial Microbes in Agro-Ecology: Bacteria and Fungi, pp. 397-426)	International	January, 2020	978-0-12-823414-3	AP Academic Press, Elsevier
20	P. V. Tekade, N.P. Mohabansi, K.M. Dadure, M.D. Bansinge, N.A. Barwat, P.G. Borkar	A Textbook of Concise Chemistry B.Sc.II-Sem-IV)	National	January, 2020	978-93-89961-30-0	Pragati Prakashan, Meerut
21	Dr. S. R. Tiple	Modern Teaching of ICT and Climate Change (In "Environment and sustainable development through higher education" )	National	December, 2019	978-93-88393-96-6	RIGI publication, India
22	B. V. Mohite	Foldscope: A Versatile Tool to Study the Puppet Masters of Rhizospheric and aquatic microbiome. (In Foldscope and its application by AD Sharma (Ed), pp 212-218.)	National	December, 2019	978-93-85835-68-1	National Press Associates, New Delhi.
23	B. V. Mohite	New Edge Agricultural Bioinputs. (In 'Microbial Interventions in Agriculture and Environment' by P Singh, VK. Gupta, R Prabha (Eds.), pp. 353-380)	International	November, 2019	978-981-13-8390-8	Springer Nature.
24	P. V. Tekade, N.P. Mohabansi, K.M. Dadure, M.D. Bansinge, N.A. Barwat, P.G. Borkar	A Textbook of elements of chemistry (B.Sc. II-Sem-III)	National	August, 2019	978-93-89403-57-2	Pragati Prakashan, Meerut
25	Dr. P. V. Tekade	Structure Elucidation of Organic Compounds by Spectroscopic Techniques	National	June, 2019	978-81-89128-87-6	Selective and scientific books, New Delhi

26	V. V. Shinde	Digital Electronics Fundamentals	National	May, 2019	978-93-85883-26-2	Studera Press, New Delhi
27	P. V. Tekade, N. P. Mohabansi, M. D. Bansinge, N. A. Barwat, P. G. Borkar	A Textbook of Concepts of chemistry (B.Sc. II-Sem-II)	National	January, 2019	978-93-87558-30-8	Meherbaba Publishers, Nagpur
28	P. V. Tekade, N. P. Mohabansi, M. D. Bansinge, N. A. Barwat, P. G. Borkar	A Textbook of fundamentals of chemistry (B.Sc. I-Sem-I)	National	October, 2018	978-93-87558-20-5	Meherbaba Publishers, Nagpur
29	Dr. P. V. Tekade	Organic Chemistry: Laboratory Course Book	National	June, 2018	978-81-89128-66-1	Selective and scientific books, New Delhi
30	R. T. Katre	Mathematics for B.Sc. Sem II	National	April, 2018	978-93-5202-421-6	Himalaya Publishing House Nagpur
31	Dr. P. V. Tekade	Proton/Metal-Ligand stability constants of complexes of N-heterocycles	International	January, 2018	978-613-6-62799-1	Lambert Academic press Germany
32	Dr. P. V. Tekade	Acoustical and spectrophotometric study of Substituted N-heterocyclics	International	December, 2017	978-620-2-05167-5	Lambert Academic press Germany
33	P. D. Wankar	B. Sc. Physics	National	August, 2017	978-93-5142-293-8	Himalaya Publishing House Nagpur