

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Microbiology
Program: B.Sc. and MSc
Teaching Plan
Academic year: 2021-22
Class: BSc.II Semester: IV
M.Sc.I&M.Sc.II Semester:II&IV

Class: **B.Sc.II**

Course: **Environmental Microbiology**

Course Teacher: **Mr.K.R.Gaikwad**

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Test/Assignment
I	Microbial Ecology and Interactions	11	17/12/2021To 08/01/2022	Assignment
II	Plant Growth Promoting Rhizobacteria	11	13/01/2022To 05/02/2022	Class test
III	Soil Microbiology and Carbon Cycle	13	10/02/2022To 18/03/2022	Class test
IV	Microbial Transformation of N,S,P in soil	10	19/03/2022To 15/04/2022	Class test



Subject Teacher


HEAD
HOD
Dept. of Microbiology
Rajarshi Shahu Mahavidyalaya
Latur 41-12


Principal

Class:**M.Sc.I**

Course: **Advances in Virology**

Course Teacher: **Mr.K.R.Gaikwad**

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Test/Assignment
I	Classification, Cultivation and Detection of Viruses	12	27/09/2021To 14/10/2021	Assignment
II	Multiplication of Viruses	11	18/10/2021To 09/11/2021	Class test
III	Viral Pathogenesis	11	10/11/2021To 29/11/2021	Class test
IV	Prevention and Control of Viruses	11	30/11/2021To 04/01/2022	Class test

Class:**M.Sc.I**

Course: **Enzymology**

Course Teacher: **Mr.K.R.Gaikwad**

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Test/Assignment
I	Enzyme as Biocatalyst and Enzyme Engineering	10	01/02/2022To 16/02/2022	Assignment
II	Enzyme Kinetics and Enzyme Inhibition	11	17/02/2022To 07/03/2022	Class test
III	Extraction and Purification of Microbial Enzyme	12	08/03/2022To 28/03/2022	Class test
IV	Immobilization and Applications of Microbial enzymes	12	29/03/2022To 19/04/2022	Class test



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Class:**M.Sc.II**


Course: **Microbial Bioinformatics, Genomics and Proteomics**

Course Teacher: **Mr.K.R.Gaikwad**

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Test/Assignment
I	Basics of Bioinformatics	14	17/12/2021To 08/01/2022	Assignment
II	Biological Database and Multiple Sequence Allignment	14	12/01/2022To 05/02/2022	Class test
III	Microbial Genomics	08	09/02/2022To 23/02/2022	Class test
IV	Microbial Proteomics	09	24/02/2022To 17/03/2022	Class test



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