

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Microbiology
Teaching Plan
(Odd Sem :Year 2023-24)

Name of the Faculty: Dr. K.G.Maske

Subject: Microbiology

Class : B.Sc. II Sem: III

Course title: Fundamentals of Immunology

Paper :IV , Course Code: U-MIB-360

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Remark
I	Microbial interactions with humans	12	19 /06/2023 To 09/08/2023	Quiz	
II	Antigen and Antibody	12	14/08/2023 to to 04/09/ 2023		Class test
III	Immunity and Immunization	11	05/09/2023 25/09/2023	Guest Lecture	Class test
IV	Antigen antibody reactions	12	26/09 /2023 To 14/10/2023	Seminar	Class test


Signature of the teacher


HoD


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
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Department of Microbiology

Teaching Plan

Academic year (Odd Sem) :2023-24

Name of the Faculty: Dr. K.G.Maske

Class : B.Sc. III ,Sem: V


Subject: Microbiology

Course title: Biocatalyst and Microbial Metabolism


Paper :X,

Course Code: U-MIB-556

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/Assignment
I	Enzymes, enzyme kinetics and immobilization	12	22/06/2023 To 05/08/2023		Class test
II	Enzyme inhibition and Regulation	11	02/08/2023 to 30/08/ 2023	Hands on Training program	Class test
III	Chemoheterotropic Microbial Metabolism:	12	31/08/2023 26/09/2023	Seminar	Class test
IV	Chemoheterotropic Microbial Metabolism Anaerobic respiration and Fermentations	10	27/09/2023 To 14/10/2023	Seminar	Class test


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Department of Microbiology

Academic Year: 2023 - 2024

Teaching Plan

Semester IV and VI

Name of Teacher: Dr. K. G. Maske

Details of the Classes to be taught

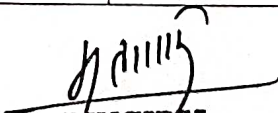
Sr. No.	Class	Name of teacher	Subject	Paper
1	B.Sc. II	Dr. K.G.Maske	Microbiology	Lab course VII and VIII
2	B.Sc. II			Paper: VIII,U-MIB -460
3	B.Sc. III			Paper : XII,U-MIB-676

Class : B.Sc. II , Sem : IV

Course Title: Medical Microbiology

Course Code: U-MIB -460

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	No. of Test/Assignment with topic
I	Disease process and kinds of diseases	08	07/12/2023 to 23/12/2023		Assignments
II	Study of following diseases : Typhoid, Cholera Tuberculosis	15	28/12/2023 to 27/01/ 2024	Microbial techniques Competition	Class test
III	Study of the Fungal and mosquito borne diseases Mucormycosis Malaria Dengue	12	01/02/2024 to 24/02/2024	Seminar	Class test
IV	Study of following viral diseases Hepatitis AIDS Covid -19	10	01/03/2024 to 29/03/2024	Poster competition	Unit test


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Department of Microbiology

Academic Year: 2023 - 2024

Teaching Plan


Semester : VI

Class: B.Sc. III

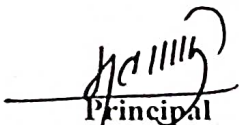
Course Title: Industrial Microbiology

Course code U-MIB-676

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	No. of Test/Assignment with topic and date
I	Definition and Scope of Industrial Microbiology	09	06/12/2023 to 27/12/2023	Seminar	Assignments
II	Methods in Industrial Microbiology	12	01/1/2024 to 24/01/2024	Hands on training on fermentation technology	Class test
III	Down Stream processing	12	29/01/2024 to 21/02/2024	Seminar	Class test
IV	Typical fermentations	10	26/02/2024 to 29/03/2024	Industrial visit seminar	Unit test


Name of the faculty
Dr. K. G. Maske


HEAD
Dept. of Microbiology
Rajarshi Shahu Mahavidyalaya, Latur


Principal
PRINCIPAL
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