

Rajarshi Shahu Mahavidyalaya(Autonomous), Latur

Department of Microbiology

Program: B.Sc

Teaching Plan

Academic year: 2018-2019

Class :BSc.II

Semester: III

Course Title : Fundamentals of Immunology

Course code :U-MIB-360

Course Teacher: Dr.K.G.Maske

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/Assignment
I	Microbial interactions with humans	10	02/07/2018 to 28/07/2018	Seminar	Assignments
II	Antigen and Antibody and complement	12	30/07/2018 to 29/08/2018		Class test
III	Immunity and Immune response	11	03/9 /2018 to 26/09/2018	Seminar	Class test
IV	Serological reactions	12	27/9 /2018 to 03/10 /2018	Seminar	Class test

Class: B.Sc. III, Semester: V

Teaching plan: Sem V

Course: Biocatalyst and microbial metabolism Course code:U-MIB-66

Course Teacher: Dr.K.G.Maske

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	2 /07/2018 to 4/08/2018	Seminar	Assignments
II	Enzyme inhibition and Regulation	11	9/08/2018 to 31/08/2018	Training program	Class test
III	Chemoheterotropic Microbial Metabolism: Aerobic respiration	12	01/09/2018 to 21 /09/2018	Seminar	Class test
IV	Chemoheterotropic Microbial Metabolism Anaerobic respiration and Fermentations	10	22/ 09 /2018 to 3/10/2018	Seminar	Class test



Teacher

Dr. K.G. Maske



Dept. Head: microbiology
Rajarshi Shahu Mahavidyalaya
Latur 43 12



Principal
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Program: B.Sc.

Teaching Plan 2018-2019

Sem: IV and VI

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

Details of Classes to be taught

Sr. No	Class	Sem	Paper No.	Course
1	B.Sc. II	IV	U-MIB- V	Lab course
2	B.Sc. II	IV	U-MIB- VI	Lab course
3	B.Sc. II	IV	Paper -VIII	Medical microbiology
4	B.Sc. III	VI	Paper -XII	Industrial microbiology

Subject: Microbiology**Class : B.Sc. II**

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	Infection and disease process	08	03/12/2018 to 17/12/18		Assignments
II	Study of bacterial infections 1.Cholera 2.Typhoid 3.Bacillary Dysentry	15 07 06 02	18/12/2018 to 19/01/ 2019	Microbial techniques compitition	Class test
III	Study of following diseases 1. Pulmonary Tuberculosis 2.Pneumonea 3.Malaria 4.Candidosis	12 04 04 02 02	23/01/2019 to 20/02/2019	Seminar	Class test
IV	Study of following diseases 1.Chickungunya 2. Dengue 3. Hepatitis A and B 4.Swine Influenza	10 02 02 04 02	21/02/2019 to 28/02/2019	Hands on training on clinical methods	Unit test


Class : B.Sc. III

Semester: VI

Course : Industrial Microbiology

Academic year:2018-19

Unit	Unit and Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/Assignment
I	Definition and Scope of Industrial Microbiology	09	30/11/2018to 05/12/2018	Seminar	Assignments
II	Methods in Industrial Microbiology	12	15/12/2018 to 19/01/ 2019	Training program	Class test
III	Down stream processing	12	29/01/2019 to 25/02/2019	Seminar	Class test
IV	Typical Bioprocess production	12	26-2-2019	Seminar	Class test


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