

Rajarshi Shahu Mahavidyalaya(Autonomous), Latur
Department of Microbiology
Program: B.Sc and MSc
Teaching Plan

Academic year: 2020-21

Class :BSc.II

Semester: III

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	16/07/2020 to 1/08/2020	Seminar	Assignments
II	Antigen and Antibody	12	03/08/2020 to 28/08/2020	Training program	Class test
III	Immunity and Immunization	11	06/09/2020 to 28/09/2020	Seminar	Class test
IV	Antigen antibody reactions	12	03/10/2020 to 10/12/2020	Seminar	Class test

Class : B.Sc. III

Semester: V

Course : Biocatalyst and microbial metabolism

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	15/07/2020 to 19/08/2020	Seminar	Assignments
II	Enzyme inhibition and Regulation	11	20/08/2020 to 21/09/2020	Training program	Class test
III	Chemoheterotropic Microbial Metabolism: Aerobic respiration	12	30/09/2020 to 25/10/2020	Seminar	Class test
IV	Chemoheterotropic Microbial Metabolism Anaerobic respiration and Fermentations	10	30/10/2020 to 15/12/2020	Seminar	Class test

Class : B.Sc. II

Semester: IV

Course :Medical Microbiology

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	Infection and disease process	08	22/02/2022 to 13/03/2021	Seminar	Assignments
II	Study of bacterial infections	15	15/03/2021 to 05/04/2021	Class test	Class test
III	Study of following respiratory diseases Malaria	12	06/04/2021 to 20/04/2021	Seminar and class test	Class test
IV	Study of viral following diseases	10	22/04/2021 to 04/05/2021	Seminar	Class test

Class : B.Sc. III

Semister: VI

Course : Industrial microbiology

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	Definition and Scope of Industrial Microbiology	09	22/02/2021 to 15/03/2021	Seminar	Assignments
II	Methods in Industrial Microbiology	12	16/03/2021 to 31/03/2021	Training program	Class test
III	Down stream processing	12	01/04/2021 to 19/04/2021	Seminar	Class test
IV	Typical Bioprocess production	12	20/04/2021 to 04/05/2021	Seminar	Class test

Program: M.Sc. III
Semester: I
Course : Microbial physiology
Academic year: 2020-21

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	Bacterial Chemolithotrops and Phototrophs	12	01/01/2021 to 15/02/2021	Seminar	Assignment of 40 marks
II	Bacterial Respiration	12	16/02/2021 to 13/03/2021	Seminar	Class test
III	Bacterial Permeation	11	15/03/2021 to 24/03/2021	Seminar	Class test
IV	Bacterial Sporulation	10	25/03/2021 to 05/04/2021	Seminar	Class test

Dr.K.G.Maske
Head, Department of Microbiology
Rajarshi Shahu Mahavidyalaya, (Autonomous),
Latur

