

Koyana Education Society Patan
Balasaheb Desai College Patan
Department Of Microbiology
Annual Teaching Plan
Year 2023-24

Class: B.Sc. Part - I

Name of Teacher –Ms.P.V. Khairmode

Paper No – II & III

Name of the Paper – Basic techniques in Microbiology, Bacteriology

Month	Teaching day	Available periods /practicals	Unit
July	08	08	Introduction to types of microorganism
August	09	08	Control of Microorganism
September	10	09	Chemical agents for control the growth of microorganism.
October	09	09	Nutritional requirement of microorganism
November	08	08	Proteins
December	10	09	lipid
January	09	08	Enzymes
February	09	07	Nucleic acids
March	09	08	High energy compounds

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Class: B.Sc. Part - II

Name of Teacher –Ms. P.V. Khairmode

Paper No – V & VII

Name of the Paper – Microbial physiology and Metabolism & Microbial Genetics

Month	Teaching day	Available periods /practical's	Unit
July	08	08	Microbial metabolism
August	09	08	Air microbiology
September	10	09	Water microbiology
October	09	09	UHT
November	08	08	B,Z ,D forms of DNA
December	10	09	Modes of gene transfer- Transformation
January	09	08	DNA repair
February	09	07	Silent mutation
March	09	08	Lac operon- introduction

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Class: B.Sc. Part - III

Name of Teacher –Ms. P.V. Khairmode

Paper No –X,XII,XIII,XIV

Name of the Paper – Immunology, Agricultural Microbiology, Microbial genetics,
Microbial Biochemistry

Month	Teaching day	Available periods /practical's	Unit
July	08	08	Immune system
August	09	08	Complement
September	10	09	Agricultural microbiology
October	09	09	Rhizobium, Azospirillum
November	08	08	Microbial Genetics
December	10	09	Genetic regulation in tryptophan
January	09	08	Microbial biochemistry
February	09	07	Enzymes of classification