

Koyana Education Society Patan
Balasaheb Desai College Patan
Monthly Teaching Plan
Year 2023-24

Department: Microbiology

Month: December

Name of teacher – Ms.M.A.Kambale

B.Sc. Part - III

Paper No.: XV

Name –Environmental microbiology

1	1/12/23	Theory		Physico-chemical and biological characteristics	Lecture	You tube
2	2/12/23	Theory		Biological treatment – trickling filter	Lecture	PPT
3	4/12/23	Theory & Practical		Activated sludge process	Lecture Practical	You tube
4	5/12/23	Theory & Practical		Oxidation pond	Lecture Practical	PPT
5	6/12/23	Theory		Anaerobic digestion	Lecture	PPT
6	7/12/23	Theory		Septic tank	Lecture	PPT
7	8/10/23	Theory & Practical		Root zoon technology	Lecture Demo	You tube
8	9/10/23	Theory & Practical		Chemical treatment – chlorination	Lecture	PPT
9	11/10/23	Theory		Characteristics and treatment of waste generated by	Lecture	You tube
10	12/10/23	Theory		Sugar industry	Lecture	PPT
11	13/10/23	Theory		Distillery industry	Lecture	PPT
12	14/10/23	Theory		Dairy industry	Lecture	You tube
13	16/12/23	Theory		Eutrophication	Lecture	PPT
14	18/12/23	Theory		Classification of lakes	Lecture	You tube
15	19/12/23	Theory and practical		Source	Lecture	PPT
16	20/12/23	Theory		Consequences and control	Lecture	You tube
17	21/12/23	Theory		Good laboratory practice	Lecture	PPT

18	22/12/23	theory		BSL -1 and BSL -2	Lecture	You tube
19	23/12/23	theory and practical		BSL -3	Lecture	PPT
20	26/12/23	theory		Enviornmental monitoring	Lecture	PPT
21	27/12/23	theory		Cleanroom classification	Lecture	Youtube
22	28/12/23	theory		Routine environmental monitoring programme in pharmaceutical industries	Lecture	PPT
23	29/12/23	theory		Air monitoring	Lecture	PPT
24	30/12/23	Theory		Surface monitoring	Lecture	PPT