



VASANTDADA SUGAR INSTITUTE

Manjari Bk., Tal. Haveli, Pune

Academic year: 2022-2023

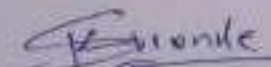
Department name: Alcohol Technology and Biofuels

Class wise and paper wise teaching plan

Class: M.Sc. WBAT
Semester: IV
Course code: WT 4.1
Course name: Industrial Waste treatment
No. of Credits & no. of lectures/practicals allotted:
Name of teacher: Dr. R. V. Burase

Sr. No.	Lecture/Practical	Topic will be thought in brief	No. of lectures/practical required	Teaching planned dates
1)	Lecture	Biological treatment fundamentals	01	17/01/23
2)	Lecture	Waste treatment methods-Types	01	17/01/23
3)	Lecture	Selection Criteria	01	17/01/23
4)	Lecture	Aeration principles Aeration & types of system	01	25/01/23
5)	Lecture	Types of Composting	01	25/01/23
6)	Lecture	Microbial aspects & silent features,	02	10/05/23
7)	Lecture	Economics consideration in composting process	01	10/05/23
8)	Lecture	Microbiology & Conversion process in anaerobic fermentation	02	24/05/23
9)	Lecture	Kinetics of methane fermentation.	02	24/05/23
10)	Lecture	Energy generation and types of anaerobic system, Incineration Theoretical, considerations	02	13/06/23
11)	Lecture	Types, incineration systems in practice, Type of secondary treatment system.	01	13/06/23


Sign of teacher


Head


Principal

Principal

Vasantdada Sugar Institute
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