

MRSPTU COURSE PLAN 2016 BATCH
COURSE CODE: MBOT1-212 COURSE: INDUSTRIAL BIOTECHNOLOGY

Class: M.Sc. Biotechnology Semester: II Session: 2016-17
Batch: 2016

Course: Industrial Biotechnology Course Code: MBOT1-212

Name of Course Coordinator: Saket Chandra Designation: Asst. Prof.

College: ISF Institute of Professional Studies

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Syllabus for 1 st Mid Semester Test	Unit 1 & 3
Syllabus for 2 nd Mid Semester Test	
1 st Assignment (Appendix-1)	Date of Issue: 7-2-2017 Last date for Submission: 9-2-2017
2 nd Assignment (Appendix-2)	Date of Issue: 7-2-2017 Last date for Submission: 9-2-2017
3 rd Assignment (Appendix-3)	Date of Issue: Last date for Submission:
4 th Assignment (Appendix-4)	Date of Issue: Last date for Submission:

Date: 09-2-2017

Signature: saket

Note:

1. The filled Performa is to be submitted by the Course Coordinator by email to daa.mrsstu@gmail.com immediately so that the information contained in it can be uploaded on www.mrsptu.ac.in.
2. The assignments are to be attached with email.
3. The Course Coordinators will prepare detailed solutions of the problems contained in the assignments.
4. Both word files and PDF files are to be submitted.

Assignment 1

(MM. 40)

1. Short notes on: (5 marks each)
 - a. Primary screening
 - b. Secondary screening
 - c. History of Industrial culture
 - d. Crowded plate method
2. Elaborate different methods for maintenance of industrial cultures. (10 marks)
3. Discuss the important characteristic of microbes used in industries. (10 marks)

Assignment 2

(MM.40)

1. Write short notes on the following: (4x5)
 - a. Acetone butanol production
 - b. Citric acid production
 - c. Alkaloid production
 - d. Tetracycline production
2. Elaborate the process of industrial production of lysine. (10 marks)
3. Discuss the industrial production of Beer. (10 marks)