

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT /ASSOCIATE PROFESSOR : Dr. Neena Puri

CLASS/SECTION : B.Sc. III Year, Sem VI

SUBJECT: Industrial Microbiology PAPER: IMB 601

Week	Date	Topics Theory
1	1-Jan-18	Rhizosphere
	2-Jan-18	R:S value
	3-Jan-18	Mycorrhizosphere
	4-Jan-18	Actinorhizae
	5-Jan-18	Significance of Rhizosphere, microflora
	6-Jan-18	Continued
	7-Jan-18	Sunday
2	8-Jan-18	Isolation of Microflora
	9-Jan-18	Same Continued
	10-Jan-18	Same Continued
	11-Jan-18	Test Of Unit I (IMB 601)
	12-Jan-18	Bio fertilizers
	13-Jan-18	Continued
	14-Jan-18	Sunday
3	15-Jan-18	N ₂ fixation (Site/heterocyst)
	16-Jan-18	Nitrogenase, Biochemistry of N ₂ fixation
	17-Jan-18	Physiology of N ₂ fixation in BG A
	18-Jan-18	Continued
	19-Jan-18	Types Of mycorrhzal association
	20-Jan-18	Taxonomy, occurrence, distribution
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Collection Of VAM
	24-Jan-18	Sir Chotu Ram Jayanti
	25-Jan-18	Production Of VAM
	26-Jan-18	Republic Day

	27-Jan-18	Continued
	28-Jan-18	Sunday
5	29-Jan-18	Inoculum production of VAM
	30-Jan-18	P Nutrition
	31-Jan-18	Test Of Unit II (IMB601)
	1-Feb-18	Bacterial bio fertilizer
	2-Feb-18	Continued
	3-Feb-18	Taxonomy, physiology of Rhizobium
	4-Feb-18	Sunday
6	5-Feb-18	Frankia
	6-Feb-18	Azospirillum
	7-Feb-18	Azotobactor
	8-Feb-18	Azotobactor
	9-Feb-18	Cyanobacteria
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	Cyanobacteria
	13-Feb-18	Maha Shivratri
	14-Feb-18	Test Of Unit IMB 601
	15-Feb-18	Isolation Identification of N ₂ Fixers
	16-Feb-18	Continued
	17-Feb-18	Assessment of N ₂ Fixing ability mehtod
	18-Feb-18	Sunday
8	19-Feb-18	Direct & indirect methods
	20-Feb-18	Culture Production
	21-Feb-18	Storage, Culture, Carrier, Packing
	22-Feb-18	Quality Control, ISI Standard, inoculum requirement
	23-Feb-18	Packing Marketing, Storage, Application
	24-Feb-18	Test Of Unit IV (IMB601)
	25-Feb-18	Sunday
9	26-Feb-18	Application of Microbial Biotechnal
	27-Feb-18	Continued
	28-Feb-18	Continued

	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Continued
	4-Mar-18	Sunday
10	5-Mar-18	Production Of Primary metaboute
	6-Mar-18	Production Of Secondary metaboute
	7-Mar-18	Ethanol
	8-Mar-18	Ethanol
	9-Mar-18	Methane
	10-Mar-18	Methane
	11-Mar-18	Sunday
11	12-Mar-18	Beer
	13-Mar-18	Beer
	14-Mar-18	Wine
	15-Mar-18	Test Of Unit I (IMB602)
	16-Mar-18	Citric Acid
	17-Mar-18	Continued + Lactic acid
	18-Mar-18	Sunday
12	19-Mar-18	Penicillin
	20-Mar-18	Penicillin
	21-Mar-18	Streptomycin
	22-Mar-18	Streptomycin
	23-Mar-18	Shadeedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Crlutamic Acid
	25-Mar-18	Sunday/Ram Navami
13	26-Mar-18	Lysine
	27-Mar-18	Protease
	28-Mar-18	Amylase Lipase
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Test Of Unit II (IMB602)
	31-Mar-18	Steroid biotransformation
	1-Apr-18	Sunday

14	2-Apr-18	Steroid biotransformation
	3-Apr-18	-----Continued-----
	4-Apr-18	Single cell protein
	5-Apr-18	-----Continued-----
	6-Apr-18	-----Continued-----
	7-Apr-18	Biotechnology mushroom cultivation
	8-Apr-18	Sunday
15	9-Apr-18	-----Continued-----
	10-Apr-18	Biogas
	11-Apr-18	-----Continued-----
	12-Apr-18	Test Of Unit III (IMB602)
	13-Apr-18	Introduction to genetic engineering
	14-Apr-18	Dr. Ambedkar Jayanti/Vaisakhi
	15-Apr-18	Sunday
16	16-Apr-18	-----Continued-----
	17-Apr-18	Hosts for cloning
	18-Apr-18	
	19-Apr-18	-----Continued-----
	20-Apr-18	Restriction endonudease & Otherenymes used
	21-Apr-18	Application
	22-Apr-18	Sunday
17	23-Apr-18	Selection & screening
	24-Apr-18	Southern Blotting
	25-Apr-18	Northern Blotting
	26-Apr-18	Revision
	27-Apr-18	Revision
	28-Apr-18	Revision