

Lesson Plan

By the Assistant/ Associate Professor. Dr. Neema Avasi

and Section: B.Sc III

Subject: IMB1a IMB 601 602

Week	Date	Topics
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 is continued -
	11-Jan-18	Test of Unit I (IMB 601)
	12-Jan-18	Biofertilizers
	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 BGA
	18-Jan-18	continued
	19-Jan-18	Types of mycorrhizal 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 Chhotu 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	Test P nutrition
	31-Jan-18	Test of Unit II (IMB 602)

MPA

Lesson Plan

Name of the Assistant/ Associate Professor.....

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Week	Date	Topics
1	1-Feb-18	Bacterial Biofertilizers
	2-Feb-18	continued
	3-Feb-18	Taxonomy, physiology of Rhizobium
	4-Feb-18	Sunday
2	5-Feb-18	Frankia
	6-Feb-18	Azospirillum
	7-Feb-18	Azotobacter
	8-Feb-18	Azotobacter
	9-Feb-18	Cyanobacteria
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Cyanobacteria
	13-Feb-18	Maha Shivratri
	14-Feb-18	Test of Unit III of IMB 601
	15-Feb-18	Isolation & identification of N ₂ -fixers
	16-Feb-18	continued
	17-Feb-18	Assessment of N ₂ -fixing ability method
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		Culture Production
21-Feb-18		Storage, culture, carries, 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
5	26-Feb-18	Application of microbial biotechnol.
	27-Feb-18	- continued
	28-Feb-18	

IMB602 ↓

N.P.S.

Lesson Plan

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	←
	4-Mar-18	Sunday
2	5-Mar-18	Production of primary metabolite
	6-Mar-18	" " secondary "
	7-Mar-18	ethanol
	8-Mar-18	ethanol
	9-Mar-18	Methane
	10-Mar-18	Methane
	11-Mar-18	Sunday
3	12-Mar-18	Bees
	13-Mar-18	Bees
	14-Mar-18	Wine
	15-Mar-18	Test of Unit I (IMB 602)
	16-Mar-18	Citric Acid
	17-Mar-18	- continued + Lactic acid
	18-Mar-18	Sunday
	4	19-Mar-18
20-Mar-18		Penicillin
21-Mar-18		Streptomycin
22-Mar-18		Streptomycin
23-Mar-18		Shaheed Diwas of Bhagat Singh, Rajguru & Sukhdev
24-Mar-18		Glutamic Acid
25-Mar-18		Sunday/ Ram Navami
5		26-Mar-18
	27-Mar-18	Test Protease
	28-Mar-18	Amylase Lipase
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Test of Unit II (IMB 602)
	31-Mar-18	steroid biotransformation

AP/2018

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Steroid transformation - continued
	3-Apr-18	
	4-Apr-18	
	5-Apr-18	Single cell protein - continued -
	6-Apr-18	
	7-Apr-18	Biotechnology mushroom cultivation
	8-Apr-18	
2	9-Apr-18	- continued
	10-Apr-18	Biogas
	11-Apr-18	- continued
	12-Apr-18	Test of Unit III (IMB 602)
	13-Apr-18	Introduction to genetic engineering Dr Ambedkar Jayanti / Vaisakhi
	14-Apr-18	
	15-Apr-18	Sunday
3	16-Apr-18	Continued
	17-Apr-18	Hosts for cloning Parashurama Jayanti
	18-Apr-18	
	19-Apr-18	Continued
	20-Apr-18	~ Restriction endonuclease & other enzymes used
	21-Apr-18	Application ~
	22-Apr-18	
4	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

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