



Department of Microbiology
Maharaja Ganga Singh University
 NH 15, Jaisalmer Road, Bikaner-334004 (Rajasthan) INDIA

Name of the Teacher: **Dr. Gautam Kumar Meghwanshi**

Topics to be taught in the coming week: **02-11-15 to 07-11-15**

M.Sc. Microbiology

Day	10.00-11.00 AM	11.00-12.00 AM	12.00-1.00 PM	1.00-2.00 PM	2.00-3.00 PM
Mon 02-11-15	<i>MB-302: (Sem-III)</i> Entomopathogenic Fungi: Host Range, Mechanism of infection and mode of action	-	<i>Sem-III</i> Practical: Isolation and assay of amylase from the production medium		
Tue 03-11-15	<i>MB-302: (Sem-III)</i> Verticillium Lecanii Host Range, Mechanism of infection and mode of action	-	<i>Sem-III</i> Practical: Isolation of keratinase producing microorganisms from the soil.		
Wed 04-11-15	-	<i>MB-302: (Sem-III)</i> Entomopathogenic Viruses: Host Range, Mechanism of infection and mode of action	-	-	<i>MB-102 (Sem-I)</i> Microbial Oxidation of Inorganic Molecules: hydrogen and its different forms
Thu 05-11-15	-	<i>MB-302: (Sem-III)</i> Baculoviruses: Host Range, Mechanism of infection and mode of action	-	<i>MB-102 (Sem-I)</i> Microbial Oxidation of Inorganic Molecules: nitrogen and its different forms	-



Department of Microbiology
Maharaja Ganga Singh University
 NH 15, Jaisalmer Road, Bikaner-334004 (Rajasthan) INDIA

Fri 06-11-15	Sem-I Practical: Determination of standard curve for p-nitrophenol.	-	MB-102 (Sem-I) Bioluminescence.
Sat 07-11-15	Sem-I Practical: Determination of standard curve of penicillin.	-	MB-102 (Sem-I) Microbial Catabolism: Pasture effect

Teaching Schedule for Faculty: Dr. Dharmesh Harwani

M.Sc. Microbiology (First Semester) General Microbiology and Bacteriology

02 – 07, Nov 2015

DAY	10.00-11.00AM	11.00-12.00PM	12.00-1.00PM	1.00-2.00PM	2.00-3.00PM
Monday 2.11.2015	CL				CL
Tuesday 3.11.2015	Polyacrylamide gel electrophoresis (Protein)				Sanger DiDoxy Method of DNA sequencing
Friday 6.11.2015				Randomly Amplified Polymorphic DNA (RAPD)	
Saturday 7.11.2015				Restriction fragment length polymerization (RFLP)	



Department of Microbiology
Maharaja Ganga Singh University
 NH 15, Jaisalmer Road, Bikaner-334004 (Rajasthan) INDIA

M.Sc. Microbiology (Third Semester) (Medical Microbiology)

DAY	10.00-11.00AM	11.00-12.00PM	12.00-1.00PM	1.00-2.00PM	2.00-3.00PM
Wednesday 4.11.2015	Syllabus Completed/discussion/ extra topics			SDS-PAGE	
Thursday 5.11.2015	Syllabus Completed/discussion/ extra topics			SDS-PAGE	
Friday 6.11.2015		Syllabus Completed/discussion/ extra topics			
Saturday 7.11.2015		Syllabus Completed/discussion/ extra topics			

Topics to be taught during 02-11-2015 to 07-11-2015

Dr. Abhishek Vashishtha

M.Sc. IIIrd semester Microbiology

S.No.	Date	Topics to be taught (Theory)	Topics to be taught (Practical's)
1	02-11-2015	Water ecosystem; water potability	
2	03-11-2015	Water Borne diseases	
3	06/11/2015	Interspecies interactions	RBC counting
4	07/11/2015	Rumen microbiology	WBC counting

M.Sc. Ist semester Microbiology

S.No.	Date	Topics taught (Theory)	Topics taught (Practical's)
1	02-11-2015	PPGPP(P) and Alternate sigma factors	



Department of Microbiology
Maharaja Ganga Singh University
NH 15, Jaisalmer Road, Bikaner-334004 (Rajasthan) INDIA

2	03-11-2015	RNA polymerase	
3	04/11/2015	RNA polymerase	TLC of protein
4	05/11/2015	Initiation of transcription	TLC of protein