

**Department of Microbiology**  
**Maharaja Ganga Singh University**

NH 15, Jaisalmer Road, Bikaner-334004 (Rajasthan) INDIA  
Phone: 0151-2212044 Fax: 2212042 E-mail: mgsubikaner@gmail.com

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

Topics to be taught in the coming week: **17-11-15 to 21-11-15**

**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
<b>Mon 16-11-15</b>	<b>Diwali Beak</b>				
<b>Tue 17-11-15</b>	<b>MB-302: (Sem-III) Biogeochemical cycles: Iron cycle</b>	-	<b>Sem-III Practical:</b> Isolation of keratinase producing microorganisms from the soil (Repeat)		
<b>Wed 18-11-15</b>	-	<b>MB-302: (Sem-III) Microbiology of Rhizospheres (Revision)</b>	-	-	<b>MB-102 (Sem-I) Class Seminars</b>
<b>Thu 19-11-15</b>	-	<b>MB-302: (Sem-III) Biogeochemical cycles: Phosphorus cycle (Revision)</b>	-	<b>MB-102 (Sem-I) Class Seminar s</b>	-
<b>Fri 20-11-15</b>	<b>Sem-I Practical:</b> Determination of standard curve for p-Nitrophenol. <b>(Repeat)</b>			-	<b>MB-102 (Sem-I) Class Seminars</b>
<b>Sat 21-11-15</b>	<b>Sem-I Practical:</b> Determination of standard curve of penicillin. <b>(Repeat)</b>			-	<b>MB-102 (Sem-I) Class Seminars</b>

**Teaching Schedule for Faculty: Dr. Dharmesh Harwani**  
**M.Sc. Microbiology (First Semester) General Microbiology and Bacteriology**  
**16 – 21, Nov 2015**

DAY	10.00-11.00AM	11.00-12.00PM	12.00-1.00PM	1.00-2.00PM	2.00-3.00PM
Monday 16.11.2015	Diwali Break				
Tuesday 17.11.2015	Stress tolerance cells and PAGE profiling (Protein)				DNA Microarrays
Friday 20.11.2015				Amplified Fragment Length Polymorphism (AFLP)	
Saturday 21.11.2015				Red White screening in yeast	

**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 18.11.2015	Syllabus Completed/discussion/ extra topics		<i>E coli</i> whole cell profiling SDS-PAGE		
Thursday 19.11.2015	Syllabus Completed/discussion/ extra topics		<i>E coli</i> whole cell profiling SDS-PAGE		
Friday 20.11.2015		Syllabus Completed/discussion/ extra topics			
Saturday 21.11.2015		Syllabus Completed/discussion/ extra topics			

**Topics to be taught during 17-11-2015 to 21-11-2015**

**Dr. Abhishek Vashishtha**

M.Sc. III<sup>rd</sup> semester Microbiology

S.No.	Date	Topics to be taught (Theory)	Topics to be taught (Practical's)
1	17-11-2015	Interspecies interactions	
2	20-11-2015	Rumen microbiology	

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3	21/11/2015	Oxidative transformation of metals	RBC counting
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**M.Sc. I<sup>st</sup> semester Microbiology**

<b>S.No.</b>	<b>Date</b>	<b>Topics taught (Theory)</b>	<b>Topics taught (Practical's)</b>
1	17-11-2015	Initiation of transcription	
2	18-11-2015	RNA polymerase	
3	19/11/2015	Process of transcription - Differences between eukaryotic and prokaryotic transcription	TLC of protein