

**DEPARTMENT OF MICROBIOLOGY,  
SETH G.S.MEDICAL COLLEGE, PAREL, MUMBAI-12**

**LIST OF LECTURES/PRACTICALS FOR 1<sup>st</sup> TERM OF AUGUST 2017, II<sup>nd</sup> MBBS  
BATCH- starting from 21.8.17**

**Lecture timing:** Mon. 12.45 to 1.45, Thursday: 8.15a.m. to 9.15 a.m. & Saturday: 12.45 to 1.45 p.m.

**Practical days & time:** Monday 1.45 to 3.30 (Roll No.1 to 90) & 3.30 to 5.15 (Roll No 91 onwards)

Thursday: 1.45 to 3.30 (Roll No 91 onwards) & 3.30 to 5.15 (R.No.1 to 90)

Sr. No	Date	Day	Lecture topic	Teacher	Pra No.	Practical topic
1.	21.8.17	Monday	Introd.to Medical Microbiology	Dr. P. R. Mehta	1	Historical aspects & Microscopy
2.	24.8.17	Thursday	Morphology + Physiology & growth requirements of Bacteria	Dr. Karmarkar	2	Morphology slides + Motility video
3.	26.8.17	Saturday	Host-parasite relationship-I (Host factor)	Dr. Gita		Saturday- No Practical
4.	28.8.17	Monday	Host-parasite relationship- II, Infect. (Parasite Factors)	Dr. Shashir	3	Collection & transport of specimens
5.	31.8.17	Thursday	Sterilization & Disinfection & its application in Health care.	Dr. Nayana	4	Physical methods of sterilization and Disinfection
<b>2.9.17 /Saturday Holiday- Bakri Id</b>						
6.	4.9.17	Monday	U.S.P.& Biomedical waste	Dr. Swapna	5	Demonstration of U.S.P & various categories of B.M.W
7.	7.9.17	Thursday	Isolation & Identi. of Bacteria	Dr. Priyanka	6	Isolation, Identific. & ABS
8.	9.9.17	Saturday	Introduction to immunology	Dr. Sunil		Saturday- No Practical
9.	11.9.17	Monday	Antigen+ HLA	Dr. Pallavi	7	Gram's Demonstration
10.	14.9.17	Thursday	Antibodies	Dr. Vijaya	8	Gram's exercise
<b>No Lectures and Practicals from 16/9/17 to 22/9/17 due to PULSE</b>						
11	28.9.17	Thursday	Immune response-I	Dr. Shivani		No Practical – Prelims Exam of 2106 batch
<b>30.9.17/ Saturday Holiday - Dassehra</b>						
<b>2.10.17/ Monday Holiday – Gandhi Jayanti</b>						

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12	5.10.17	Thursday	Immune response-II	Dr. Alpana		No Practical – Prelims Exam of 2106 batch
13	7.10.17	Saturday	Serological reactions –I	Dr. Vaishali		Saturday- No practical
14	9.10.17	Monday	Serological reactions-II	Dr. Karmarkar	9	Serological methods for diagnosis of infectious diseases
15	12.10.17	Thursday	Complement system	Dr. Shashir	10	Journal Checking
16	14.10.17	Saturday	Hypersensitivity	Dr. Nayana		Saturday- No practical

Dr. Gita Nataraj  
Professor

Dr. P.R.Mehta  
Professor & Head

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**LIST OF LECTURES/PRACTICALS FOR 1<sup>ST</sup> TERM OF AUGUST 2017, 2<sup>ND</sup> MBBS  
BATCH-7.8.17**

**Lecture timing:** Mon. 12.45 to 1.45, Thursday: 8.15 a.m. to 9.15 a.m. & Saturday: 12.45 to 1.45 p.m

**Practical days & time:** Monday 1.45 to 3.30 (Roll No.1 to 90) & 3.30 to 5.15 (Roll No 91 onwards)

Thursday: 1.45 to 3.30 (Roll No 91 onwards) & 3.30 to 5.15 (R.No.1 to 90)

Sr. No	Date	Day	Lecture topic	Teacher	Pr No	Practical topic
17	16.11.17	Thur	Staphylococci	Dr. Swapna	11	General approach to lab dia of infectious diseases+ Lab dia of Staphylococcal infections
18	18.11.17	Sat	Bacterial genetics	Dr. Priyanka		Sat – No practical
19	20.11.17	Mon	Streptococci + Pneumococci	Dr. Sunil	12	Lab dia of Streptococcal infections +Pneumococcal infections
<b>22/11/17 – 6/12/17 – No lectures and Pract d/t MBBS Theory exam</b>						
20	7.12.17	Thur	Autoimmunity	Dr. Supriya	13	<b>Student Seminar-</b> Immunodeficiency Journal checking
21	9.12.17	Sat	Neisseria	Dr. Pallavi		Sat – No practical
22	11.12.17	Mon	C. diphtheriae	Dr. Vijaya	14	Lab dia of gonococcal infection + meningitis + diphtheria
23	14.12.17	Thur	E.coli + Shigella	Dr. Shivani	15	Lab dia of E.coli with UTI + Shigella infections
24	16.12.17	Sat	Klebsiella, Proteus, Pseudomonas	Dr. Vaishali		Sat – No practical
25	18.12.17	Mon	Salmonella species	Dr. P.R. Mehta	16	Lab dia of Salmonella infections
26	21.12.17	Thur	Clostridium perfringens Clostridium tetani	Dr. Alpana	17	Lab dia of gas gangrene & tetanus
27	23.12.17	Sat	Vibrio species	Dr. Gita		Sat – No practical
<b>25.12.17 - Holiday (Christmas)</b>						
28	28.12.17	Thur	Helicobacter & Campylobacter	Dr. Karmarkar	18	Laboratory dia of cholera
29	30.12.17	Sat	Actino. & Nocardia	Dr. Shashir		Sat – No practical

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<b>LIST OF LECTURES/PRACTICALS FOR II<sup>nd</sup> TERM OF AUGUST 2017, 2<sup>ND</sup> MBBS BATCH- 6.1.18</b>						
<b>Lecture timing:</b> Mon. 12.45 to 1.45, Thursday: 8.15a.m. to 9.15 a.m. & Saturday: 12.45 to 1.45 p.m						
<b>Practical days &amp; time:</b> Monday 1.45 to 3.30 (Roll No.1 to 90) & 3.30 to 5.15 (Roll No 91 onwards) Thursday: 1.45 to 3.30 (Roll No 91 onwards) & 3.30 to 5.15 (R.No.1 to 90)						
<b>Sr. No</b>	<b>Date</b>	<b>Day</b>	<b>Lecture topic</b>	<b>Teacher</b>	<b>Pr No</b>	<b>Practical topic</b>
<b>1.1.18 - 4.1.18 – No lectures and Practicals d/t I<sup>st</sup> Term Theory Exams</b>						
30	6.1.18	Sat	Chlamydia Mycoplasma	Dr. Swapna		Sat - No practical
31	8.1.18	Mon	Haemophilus, Bordetella, Brucella	Dr. Nayana	19	<b>Gram stain Exercise</b>
32	11.1.18	Thur	Rickettsia	Dr. Sunil		<b>No practical- d/t MUHS practical exam</b>
33	13.1.18	Sat	Treponema	Dr. Priyanka		Sat - No practical
<b>15.1.18- 22.1.18 – No lectures and Practicals d/t Ist Term Practical Exam</b>						
34	25.1.18	Thur	Leptospira + Borrelia	Dr. Pallavi	20	Lab. diagnosis of Treponema, Lepto and Borrelia
35	27.1.18	Sat	M.tuberculosis -I	Dr. Supriya		Sat - No practical
36	29.1.18	Mon	M.tuberculosis: II	Dr. Shivani	21	Lab diagnosis of Tuberculosis + Programmatic approach
37	1.2.18	Thur	M.leprae + Atypical Mycobacteria	Dr. Vijaya	22	<b>A.F.B. Staining exercise</b>
38	3.2.18	Sat	Introduction to Medical Virology	Dr Alpana		Sat - No practical
39	5.2.18	Mon	Anti-Viral immunity, Interferon & Viral Vaccines	Dr. Vaishali	23	Lab diagnosis of viral infection:Collection & transport of specimens
40	8.2.18	Thur	Poliomyelitis	Dr. Swapna	24	Lab dia. &Immuno Prophylaxis of polio
41	10.2.18	Sat	RNA viruses: Ortho- myxoviruses	Dr. Priyanka		Sat - No practical
42	12.2.18	Mon	Rabies	Dr Gita	25	<b>Student's Seminar</b> Non gonococcal urethritis (NGU)

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43	15.2.18	Thur	Herpes group	Dr. Shashir	26	Lab diagnosis of Herpes group of infections and <b>Gram staining Exercise</b>
44	17.2.18	Sat	Rubella, Rotavirus, Coronavirus	Dr. Sunil		Sat - No practical
<b>21.2.18 to 24.2.18 –Avishkar</b>						
45	26.2.18	Mon	Hepatitis A & E	Dr. Karmarkar	27	Lab diagnosis of Hepatitis A and Hepatitis E and <b>ZN stain Exercise</b>
46	1.3.18	Thur	Hepatitis B,C &D	Dr. Supriya	28	Lab diagnosis of HBV
47	3.3.18	Sat	HIV- Morphology, Pathogenesis, Clinical Features	Dr. Nayana		Sat - No practical
48	5.3.18	Mon	HIV- Opportunistic infections, Strategies for Lab dia Rx & vaccines	Dr. P. R. Mehta	29	Lab diagnosis of HIV + Programmatic aspect
49	8.3.18	Thur	Arboviral infections with reference to Dengue and its Lab diagnosis	Dr. Pallavi	30	Vectors in transmission of microbial infections
50			Intro to mycology + Superficial mycoses			Sat – No practical
51			Systemic mycoses- Candida ,Crypto. Histo.: Lab. Diagnosis			General approach to lab diagnosis of fungal infection
52			Subcut. mycoses Mycetoma&Rhinospo			Laboratory diagnosis of Mycetoma&Rhinospo
53			Normal flora			Sat – No practical
54			Intro. to Parasitology: Nature, Classi., Terms Lab. diagnosis			Examination of stool: Demo. eggs & cysts
55			Bacteriology of food, water, milk			Sat – No practical
56			E.histolytica : Life cycle, Patho, Complica and Giardia lamblia			Lab. diagnosis of E. h. infections
57			Leishmaniadonovani			Lab. diagnosis of

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			Life Cycle, Patho.			Leishmania
58			Toxoplasmosis			Sat – No practical
59			Malaria: Life cycle, pathogenecity, complications & treatment			Malaria slides + laboratory diagnosis approach
60			T.saginata/T.solium /E.granulosus			Lab.diagnosis of major cestode infections ZN staining
61			Intro.trematodes + Schistosomiasis : Life cycle,Patho.Labdia			Sat – No practical
62			Intestinal Nematodes A.duodenale, A. l., T.t.			Lab dia of infec Caused by intest nematodes + Stool exam.
63			W.bancrofti,D.medine , &T.spiralis			Lab. Diag.of infections caused by tissue Nematodes W.b./ D.m./T.spiralis + Slides + cards of Trematodes
64			Free living amoebae Trichomonas vaginalis			Sat – No practical

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Sr.No	Date	Day	Lecture topic	Teacher	Revision practical
1			Gastrointestinal infections (diarrhoea and dysentery) and their laboratory diagnosis		
2			Food poisoning—B. cereus, C. botulinum, V. parahemolyticus, S. typhimurium		
3			Upper respiratory tract infection (patch and sore throat) and their laboratory diagnosis		
4			Lower respiratory tract infection (pneumonia, bronchitis, bronchiolitis etc.) and their laboratory diagnosis		
5			Urinary tract infection and their laboratory diagnosis		
6			Infections of the central nervous system (meningitis, encephalitis, brain abscess) and their laboratory diagnosis		
7			Wound infections and pyogenic infections		
8			Septicemia and laboratory diagnosis and PUO		
9			Eye infections and their laboratory diagnosis		
10			Sexually transmitted disease (STD) and their laboratory diagnosis ( genital ulcerative disease		
11			Role of laboratory in cross infection, Nosocomial infections / outbreak / epidemic		
12			Vehicles and vectors of communicable disease & zoonosis		
13			Preventive inoculations, immunomodulation and immunotherapy		

Dr. Gita Nataraj  
Prof & Class I/C

Dr. P.R.Mehta  
Prof& Head

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**Date: 16.11.2017**

**Practical schedule for 1<sup>st</sup> Term for AUGUST 2017 Batch from  
21<sup>th</sup> August 2017 onwards**

<b>Monday 1.45 -3.30 p.m</b>			<b>Thursday 1.45 – 3.30 p.m</b>		
Roll no.	Teacher	Signature	Roll no	Teacher	Signature
1-15	Dr. Sunil		91-106	Dr. Alpana	
16-30	Dr. Vijaya		107-122	Dr. Vaishali	
31-45	Dr. Shivani		123-138	Dr. Sulmaz	
46-60	Dr. Swati		139-154	Dr. Supriya /Dr. Priyanka	
61-75	Dr. Meena		155-170	Dr. Pallavi	
76-90	Dr. Martha		171- 186	Dr. Roshnee	
<b>Monday 3.30 – 5.15 p.m</b>			<b>Thursday 3.30 – 5.15 p.m</b>		
Roll no	Teacher	Signature	Roll no.	Teacher	Signature
91-106	Dr. Shilpa		1-15	Dr. Deepal	
107-122	Dr. Roopal		16-30	Dr. Anindita	
123-138	Dr. Jyotiprakash		31-45	Dr. Priyanka	
139-154	Dr. Harshita		46-60	Dr. Ashwini	
155-170	Dr. Pinaki		61-75	Dr. Neha	
171-186	Dr. Richa		76-90	Dr. Bhavana	

All Assistant Professors & Junior Residents must come to the class at least 15 minutes prior to their class timings to check/read the cards and see the demonstrations.

Dr. Gita Nataraj  
Professor

Dr. P.R.Mehta  
Professor& Head



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**Date: 16.11.2017**

**Department of Microbiology, Seth G.S Med. College and KEMH**

**Teaching programme for 2<sup>nd</sup> MBBS August-2017 batch will begin from  
21<sup>st</sup> August 2017**

**Microbiology lectures will be held on Monday, Thursday & Saturday.**

- **Lecture timings: MONDAY/SATURDAY: 12.45 TO 1.45 noon  
THURSDAY: 8.15 a.m. to 9.15 a.m.  
VENUE: THEATRE-2.**

**Practicals will be conducted on Monday & Thursday.**

- **Practical timings: MONDAY: Roll No 01 to 90: 1.45 to 3.30  
Roll No 91 to 180: 3.30 to 5.15  
THURSDAY: Roll No 91 to 180: 1.45 to 3.30  
Roll No 01 to 90: 3.30 to 5.15**

**Note that attendance is taken strictly while students enter the theatre-2. Late attendance will NOT be granted.**

**As per MUHS rules 75% attendance in Theory & 80%attendance in Practicals is Mandatory. If student remains absent for any Medical cause the necessary medical certificate MUST be submitted along with application of the student (written to H.O.D. Microbiology) within 7 days of joining from the illness related leave.**

**Dr. Gita Nataraj  
Prof & Class I/C**

**Prof& Head**

**Dr. P.R.Mehta**