

Department of Microbiology
Govt. Medical College and Hospital, Nagpur

PRACTICAL TIME TABLE 2020 BATCH 2ND PROFESSIONAL FIRST TERM

Lecture Venue- Microbiology Practical Hall

Timing- Tuesday 1-3 pm
Thursday 1-3 pm
Saturday 1-3 pm

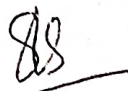
SR. NO.	TOPICS	TEACHING LEARNING METHODS
1	Microscopy, micrometry & care of microscopy	SGD
	Microscopy, micrometry & care of microscopy	PRACTICAL
2	Specimen collection and transport	SGD
	Specimen collection and transport	PRACTICAL
3	Physiology of bacteria	SDL
	Direct methods of bacterial detection, simple staining, hanging drop Gram staining -demonstration Morphology of common bacteria, bacterial growth curve	PRACTICAL
4	Normal microbial flora of human body	SGD
	Gram stain-practice, ZiehlNeelsen staining-demonstration	PRACTICAL
5	Culture media and culture methods	SGD
	Culture media and culture methods, identification techniques- conventional and automated	PRACTICAL
6	Antigen	SGD
	Indirect methods of infectious disease diagnosis	PRACTICAL
7	Antimicrobial susceptibility testing	SGD
	Labaratory diagnosis of viral infections- microscopy, Cultivation, serology, molecular tests	PRACTICAL
8	Labaratory diagnosis of parasitic infections	PRACTICAL
	Stool Microscopy & Peripheral Blood Smear-Demonstration	PRACTICAL
9	Labaratory Diagnosis Of Fungal Infections--KOH Mount, Gram Stain (Yeast), India Ink, LPCB Mount	PRACTICAL
	Stool Microscopy, Zn Stain Practice	PRACTICAL
10	Hospital acquired infection (definition, risk factors, hand Hygiene and PPE)	SGD
	Hand hygiene and PPE	PRACTICAL
11	Biomedical waste, needle stick injury	SDL, SGD


	Sterilization and disinfection	SGD, PRACTICAL
12	Infections causing anemia	SGD
	Sepsis, CRBSI, Rheumatic Fever, Infective Endocarditis	PRACTICAL
13	Brucellosis, leptospirosis and borreliosis	SGD
	<i>Enteric (typhoid) fever, brucellosis, leptospirosis</i>	<i>PRACTICAL</i>
14	Trypanosomiasis and Schistosomiasis	SGD
	Malaria, Leishmaniasis, Lymphatic filariasis	PRACTICAL
15	Other viral hemorrhagic fever- kysanuar forest disease, Ebola and Marburg virus, Hantaviruses	SGD
	HIV and Dengue	PRACTICAL
16	Plague	SDL
	Systemic mycosis and Candidiasis	SGD, PRACTICAL

Overall Incharge of practical classes activity- Dr Rajkumar Meshram

SDL and SGD will be conducted by faculty and Residents will assist in Practical exercises.

Faculty for Tuesday- Dr. V. Wanjare, Dr. S. Bhalavi, Dr. N. Channe, Dr. H. Rahangdale, Dr. R. Hadke
Faculty for Thursday- Dr. V. Rahangdale, Dr. A. Patil, Dr. B. Bajare, Dr. P. Kalbhor, Dr. N. Bagade



 **Professor & Head,**
Department of Microbiology
Govt. Medical College, Nagpur


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Practical Time Table 2020 Batch 2nd Professional First Term
 Lecture Venue- Microbiology Practical Hall Timing – Monday 3-5 Pm
 Friday 3-5 Pm

जायक क्रमांक 1335
 सुभाषिंदरभास्कर विभाग
 शासकीय वैद्यकीय महाविद्यालय,
 नागपूर दिनांक- 30/9/22

SR. NO.	TOPICS	TEACHING LEARNING METHODS
17.	Shigellosis, Non-Typhoidal Salmonellosis, Diarrheagenic E. Coli	SGD
	Dysentery- Shigellosis, Diarrhoea, Non-Typhoidal Salmonella, Cholera	PRACTICAL
18.	Intestinal Coccidian Parasites & Microsporidial Infections	SGD
	Intestinal Amoebiasis, Giardiasis, Intestinal Coccidian Parasites	PRACTICAL
19.	Food Poisoning- <i>Bacillus cereus</i> , <i>Clostridium botulinum</i> , Mycotoxins, Antibiotic Associated Diarrhoea by <i>Clostridium difficile</i>	SGD
	Viral Gastroenteritis	SDL
20.	Helicobacter Infections, Campylobacter Infections, Yersiniosis	SGD
	Stool Microscopy	PRACTICAL
21.	Intestinal Cestode Infection, D. Latum, Taenia, Hymenolepis, Intestinal Trematode Infection, Fasciola Buski	SGD
	Intestinal Cestode & Nematode Infections	PRACTICAL
22.	Echinococcosis, Other Parasitic Infections of The Liver, Amoebic Liver Abscess, Fasciola hepatica Infections, Parasitic Infections Infecting Bile Duct, Clonorchis, Opisthorchis.	SGD
	Viral Hepatitis, Parasites Causing Liver Infections	PRACTICAL
23.	Streptococcal Infections pertaining to SSTI Anthrax	SDL
	Staphylococcal, Streptococcal & Anaerobic Infections	PRACTICAL
24.	Leprosy	SDL
	Anthrax, Leprosy, Pseudo, Melioidosis, Actinomycetes & Nocardia	PRACTICAL
25.	Infection due to Non- Fermenters, Infection due to Actinomycetes & Nocardia	SGD
	SSTI due to superficial & subcutaneous fungal infections, Cutaneous & Mucosal Candidiasis	PRACTICAL
26.	Tissue Nematodes Infections of Skin & Soft Tissue	SGD
	Agents of Pyogenic Meningitis	PRACTICAL

27.	Agents of Aseptic Meningitis, Viral Agents, Polio, Coxsackie & Mumps	SDI
	Aseptic Meningitis - TB meningitis, Cryptococcal meningitis & Encephalitis	PRACTICAL
28.	Agents of Aseptic Meningitis - Spirochaetal, TB meningitis, Cryptococcal meningitis and other fungal infections affecting CNS	
	Parasites causing Encephalitis - primary Amoebic Meningoencephalitis, Granulomatous Amoebic Encephalitis and Toxoplasmosis	PRACTICAL
29.	Diphtheria, Group A Streptococci	SDI
	Upper Respiratory tract infection, Beta haemolytic Streptococcus, Diphtheria Influenza throat swab gram stain	PRACTICAL
30.	Rhinovirus, Adenovirus, Infectious Mononucleosis and zygomycosis	SGD
	Agents of typical pneumonia, pneumococcal, H. Influenza, Bordetella, Sputum gram stain	PRACTICAL
31.	Agents of Atypical Pneumonia, Mycoplasma, Chlamydia, Legionella	SGD
	Lab Diagnosis of TB and acid fast staining	PRACTICAL
32.	Agents of UTI, Uropathogenic E.coli, Klebsiella, Proteus, Enterococcus, Staphylococcus saprophyticus, Streptococcus agalactiae	SGD
	Upper Respiratory tract infection.	PRACTICAL
33.	Sexually Transmitted Infections	SGD
	Stool Microscopy	PRACTICAL
34.	Lymphogranuloma venereum, Granuloma Inguinale, soft chancre	SGD
	Sexually Transmitted Infections	PRACTICAL
35.	Environmental surveillance - Bacteria of air, water, milk and surface surveillance.	SGD
	Infective syndrome of eye.	SGD
36.	Infective Syndrome of ear, nose, and oral cavity	SGD
	Zoonotic infection, Congenital infection TORCH.	PRACTICAL
37.	Opportunistic infections, organism of oncogenic potential	SGD
	Emerging and re-emerging infections microbial agents of bioterrorism	SGD
38.	Confidentiality pertaining to patient sample sent for lab investigation	SGD
	Demonstrate respect for patient sample sent for lab investigation	PRACTICAL
39.	Vector borne infections, laboratory acquired infections	SGD
	Rational use of microbiological investigations	SGD



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