

Name of the Faculty : Dr. Anju Garg

Discipline : DMLT

Semester : 2nd

Subject : Clinical Microbiology-II

Lesson Plan Duration : One Hour

**Work Load(Lecture/Practical) per week (in hours); Lectures -03, Practicals-04

| Week | Theory | | Practical | |
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| | Lecture Day | Topic (including assignment/ test) | Practical Day | Topic |
| 1st | 1 st | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Staphylococci | 1 st | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Urine |
| | 2 nd | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Staphylococci | 2 nd | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Urine |
| | 3 rd | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Staphylococci | 3 rd | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Urine |
| 2nd | 4 th | Bacteriology: General Characteristics of Bacteria- Morphology, | 4 th | Collection, Transportation of Clinical Samples, Processing including Culture |

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| | | Staining, Culture, Biochemical Characteristics of Streptococci and Pneumococci | | of Following Clinical Sample for Identification of Pathogens- Urine |
| | 5 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Streptococci and Pneumococci | 5 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Stool |
| | 6 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Streptococci and Pneumococci | 6 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Stool |
| 3rd | 7 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Enterobacteriaceae- (E coli, Salmonella, Shigella) | 7 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Stool |
| | 8 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Enterobacteriaceae- (E coli, Salmonella, Shigella) | 8 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Sputum |

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| | 9 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Enterobacteriaceae- (E coli, Salmonella, Shigella) | 9 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Sputum |
| 4th | 10 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Pseudomonas | 10 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Sputum |
| | 11 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Pseudomonas | 11 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Throat Swab |
| | 12 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Vibrio Cholerae | 12 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Throat Swab |
| 5th | 13 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical | 13 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for |

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| | | Characteristics of Vibrio Cholerae | | Identification of Pathogens- Throat Swab |
| | 14 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Neisseria | 14 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Pus and Pus Swab |
| | 15 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Neisseria | 15 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Pus and Pus Swab |
| 6th | 16 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | 16 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Pus and Pus Swab |
| | 17 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | 17 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Pus and Pus Swab |
| | 18 th | Bacteriology: General Characteristics of Bacteria- | 18 th | Collection, Transportation of Clinical Samples, Processing |

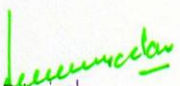
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| | | Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | | including Culture of Following Clinical Sample for Identification of Pathogens- Blood |
| 7th | 19 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | 19 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Blood |
| | 20 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | 20 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Blood |
| | 21 st | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Treponema Pallidium | 21 st | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Blood |
| 8th | 22 nd | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Mycobacterium tuberculosis | 22 nd | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Skin |
| | 23 rd | Bacteriology: | 23 rd | Collection, |

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| | | General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Mycobacterium tuberculosis | | Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Skin |
| | 24 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Mycobacterium tuberculosis | 24 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Skin |
| 9th | 25 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Mycobacterium tuberculosis | 25 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Skin |
| | 26 th | Bacteriology: General Characteristics of Bacteria- Morphology, Staining, Culture, Biochemical Characteristics of Mycobacterium tuberculosis | 26 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Eye and Ear Swabs |
| | 27 th | Bacterial Pathogenicity (Introduction of pathogenic and Infection) | 27 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Eye |

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| | | | | and Ear Swabs |
| 10 th | 28 th | Bacterial Pathogenicity (Sources of Infection and mode of spread of Infection) | 28 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Eye and Ear Swabs |
| | 29 th | Bacterial Pathogenicity (Types of infection) | 29 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Eye and Ear Swabs |
| | 30 th | Nosocomial Infection : Introduction | 30 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- Eye and Ear Swabs |
| 11 th | 31 st | Nosocomial Infection : Common Tyoes and Source of Nosocomial Infection | 31 st | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- CSF |
| | 32 nd | Nosocomial Infection : Common Tyoes | 32 nd | Collection, Transportation of Clinical Samples, |

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| | | and Source of Nosocomial Infection | | Processing including Culture of Following Clinical Sample for Identification of Pathogens- CSF |
| | 33 rd | Nosocomial Infection: Control | 33 rd | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- CSF |
| 12 th | 34 th | Laboratory diagnosis of Infectious Diseases: Introduction | 34 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- CSF |
| | 35 th | Laboratory diagnosis of Infectious Diseases: respiratory Tract Infections (Throat Swab and Sputum Sample) | 35 th | Collection, Transportation of Clinical Samples, Processing including Culture of Following Clinical Sample for Identification of Pathogens- CSF |
| | 36 th | Laboratory diagnosis of Infectious Diseases: Wound Infection | 36 th | Identification of Non- Bacterial Culture of Common Pathogens |
| 13 th | 37 th | Laboratory diagnosis of Infectious Diseases: Urinary Tract Infection | 37 th | Identification of Non- Bacterial Culture of Common Pathogens |
| | 38 th | Laboratory diagnosis of Infectious Diseases: Enteric | 38 th | Identification of Non- Bacterial Culture of Common |

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| | | fever | | Pathogens |
| | 39 th | Laboratory diagnosis of Infectious Diseases: Intestinal Infection | 39 th | Identification of Non- Bacterial Culture of Common Pathogens |
| 14 th | 40 th | Laboratory diagnosis of Infectious Diseases: Intestinal Infection | 40 th | Identification of Non- Bacterial Culture of Common Pathogens |
| | 41 st | Revision Classes | 41 st | Identification of Non- Bacterial Culture of Common Pathogens |
| | 42 nd | Revision Classes | 42 nd | Identification of Non- Bacterial Culture of Common Pathogens |
| 15 th | 43 rd | Revision Classes | 43 rd | Identification of Non- Bacterial Culture of Common Pathogens |
| | 44 th | Revision Classes | 44 th | Identification of Non- Bacterial Culture of Common Pathogens |
| | 45 th | Revision Classes | 45 th | Identification of Non- Bacterial Culture of Common Pathogens |


 Principal,
 S.S.D. Institute of Pharmacy
 & Medical Technology
 JHAJJAR-124103 (Haryana)