

Day – Every Friday  
Time 2-3 p.m.

Sr. No.	Topic	Demostation material	Resident	Teacher I/C
1.	Screening Tests for significant bacteriuria	<ul style="list-style-type: none"> <li>- Microscopy</li> <li>- Catalase Test</li> <li>- Griess Nitrite Test</li> <li>- TTC Test</li> <li>- Dip Slide Test</li> <li>- Any other</li> <li>- Culture               <ul style="list-style-type: none"> <li>a. quantitative</li> <li>b. semiquantitative</li> </ul> </li> </ul>	Dr. Neha B.	Dr. S. Tankhiwale
2.	Gram Stain	<ul style="list-style-type: none"> <li>- GPC in Clusters, Chains, Pairs, Micrococcus</li> <li>- GPB – Bacillus, C.tetani, Diptheroids, Proteus [pleomorphism]</li> <li>- Clue Cell</li> <li>- Candida</li> <li>- Sputum – Adequate/ Inadequate</li> <li>- Capsule &amp; Spores – Negative stain</li> </ul>	Dr. Madhusudan	Dr. H. Rahangdale
3.	Motility & wet preparation	<ul style="list-style-type: none"> <li>- Hanging drop</li> <li>- Candida</li> <li>- LCB</li> <li>- KOH</li> <li>- India ink</li> <li>- Stool – Saline &amp; wet prep.</li> </ul>	Dr. Ruchita	Dr. Bhawana
4.	Stains	<ul style="list-style-type: none"> <li>- Albert</li> <li>- ZN Stain – TB, leprae</li> <li>- Modified ZN stain –MIC</li> <li>- Leishman stain – MP, Microfilaria</li> <li>- Giemsa stain – donovan bodies, multinucleated giant cell (Herpes)</li> </ul>	Dr. Akanksha	Dr. Nirmal
5.	Culture Methods	<ul style="list-style-type: none"> <li>- Solid Media – Streak, Lawn\carpet, stoke, stab</li> <li>- Liquid media</li> <li>- Pour Plate Culture</li> <li>- Anaerobic Culture</li> </ul>	Dr. Swati	Dr. Ashwini
6.	Enzyme Based identification Tests	<ul style="list-style-type: none"> <li>- Coagulase</li> <li>- Catalase</li> <li>- Oxidase</li> <li>- Indole Test</li> <li>- Urea hydrolysis, Nitrate reductase</li> <li>- PPA Test</li> </ul>	Dr. Akash	Dr. Sangeeta