

# DEPARTMENT OF PULMONARY MEDICINE

## Lesson Plan Schedule (Separately for Lectures and Tutorials)

### LESSON PLAN SCHEDULE FOR 7<sup>TH</sup> SEMESTER BATCH

Sr. No	Date	Topic	Lesson Plan
1.	03/07/2018	History and Epidemiology	<ul style="list-style-type: none"><li>- Current Epidemiology</li><li>- History of TB</li><li>- History of evolution of treatment</li><li>- History of evolution of control measures</li></ul>
2.	10/07/2018	Pathogenesis and pathology of TB	<ul style="list-style-type: none"><li>- Bacteriology of Mycobacteria</li><li>- Transmission of TB</li><li>- Defense mechanisms of host and MTB</li><li>- Host related factors</li><li>- Formation of granuloma</li><li>- Fate of granuloma and natural progress</li><li>- Different pathological types</li></ul>
3.	16/07/2018	Clinical features and diagnosis of TB	<ul style="list-style-type: none"><li>- Systemic symptoms</li><li>- Local symptoms</li><li>- Clinical diagnosis</li><li>- Radiological diagnosis</li><li>- Documenting MTB or its components</li><li>- Documenting host response</li><li>- Tuberculin test</li></ul>
4.	17/07/2018	Anti-tubercular drugs and Basics of Chemotherapy	<ul style="list-style-type: none"><li>- List of drugs and their grouping</li><li>- Mechanism of action and efficacy</li><li>- Regimens</li><li>- Counseling of TB patients</li><li>- Special issues</li></ul>

5.	23/07/2018	Managing treatment failure	<ul style="list-style-type: none"> <li>- Definitions</li> <li>- Causes of treatment failure</li> <li>- How to detect and confirm failure</li> <li>- Approach to a failing case</li> <li>- How to choose regimen</li> <li>- How to monitor</li> </ul>
6.	24/07/2018	RNTCP & DOTS-Modular training	<ul style="list-style-type: none"> <li>- History</li> <li>- Introduction</li> <li>- Functioning</li> </ul>
7.	30/07/2018	HIV and Tuberculosis	<ul style="list-style-type: none"> <li>- The relationship</li> <li>- How HIV promotes TB</li> <li>- How TB promotes HIV</li> <li>- How to treat co-infection</li> <li>- Special issues</li> </ul>
8.	31/07/2018	Prevention of Tuberculosis History (Including chemo prophylaxis and BCG)	<ul style="list-style-type: none"> <li>- History</li> <li>- Whom to protect</li> <li>- Strategies</li> <li>- Chemoprophylaxis</li> <li>- BCG: its usefulness and complications</li> </ul>
9.	07/08/2018	Extra-pulmonary TB- Part 1 (TB-GIT, TB-GUT)	<ul style="list-style-type: none"> <li>- TB - GIT</li> <li>- TB - GUT</li> </ul>
10.	14/08/2018	Extra-pulmonary TB-Part 2 (TB-CNS, TB-spine)	<ul style="list-style-type: none"> <li>- TB - CNS</li> <li>- TB- spine</li> </ul>
11.	21/08/2018	Extra-pulmonary TB- Part 3 (TB-LN, TB- heart and others)	<ul style="list-style-type: none"> <li>- TB- Lymphadenopathy</li> <li>- Tubercular pericardial effusions</li> <li>- others</li> </ul>
12.	28/08/2018	MDR and XDR TB	<ul style="list-style-type: none"> <li>- Incidence and prevalence</li> <li>- Definitions</li> <li>- When to suspect</li> <li>- Management</li> <li>- DOTS PLUS</li> </ul>
13.	04/09/2018	Role of surgery in TB	<ul style="list-style-type: none"> <li>- Identifying patients for surgery</li> <li>- Fitness for surgery</li> <li>- Lobotomy/ Pneumonectomy</li> <li>- Future</li> </ul>