**Theory Lecture:**

1. Introduction to the respiratory system.  
2. Approach to the patient with respiratory complaints.  
3. Asthma – Definition, Pathology & Pathogenesis  
4. Asthma – Clinical Features, Diagnosis & Management.  
5. Bronchiactesis & Lung Abscess.  
6. COPD – Definition, Pathology & Pathogenesis  
7. COPD – Clinical Features, Diagnosis & Management.  
8. Aerosol Therapy.  
9. Respiratory Failure & Corpulmonale.  
10. Pneumonia – community acquired  
11. Pneumonia – compromised host.  
12. Pleural Effusion & Empyema.  
13. Lung Cancer.  
14. Interstitial Lung Diseases.  
15. Sarcoidosis.  
16. Pneumothorex.  
17. Pulmonary Thrombo-embolism.  
18. Sleep Disorders.  
19. Tuberculosis – History, Pathology & Pathogenesis.  
20. Tuberculosis - Clinical Features, Diagnosis & Management.  
21. Tuberculosis – Principal of ATT.  
22. Tuberculosis – RNTCP.

**Seminars:**

* + 1. Anti-tubercular Drugs.  
       2. RNTCP.  
       3. DOTS Plus.  
       4. Spirometery.  
       5. Lung Diffusion Study.  
       6. Lung Volume Study.  
       7. Polysomnography.  
       8. Arterial Blood Gas Analysis.  
       9. Non- Invasive Positive Pressure Ventilation.  
       10. Lung Cancer.  
       11. Tobacco Smoking.

**PARAMEDICAL STAFF/ STUDENTS**

1. RNTCP Training/Sensitization.  
   2. Aerosol Therapy- Technique & Advantage.  
   3. Chest Pain – How to approach the patient in emergency.  
   4. Tuberculosis – Myths & Facts.  
   5. Asthma & COPD - Myths & Facts.