**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.