***Calendar plan of lectures***

1. General concepts of pathophysiology
2. Inflammation 1
3. Inflammation 2
4. Allergy
5. Immunodeficiency 1
6. Immunodeficiency 2
7. Mechanisms of tumorigenesis
8. Disorders of haemostasis
9. Atherosclerosis. Coronary artery disease
10. Arterial hypertension
11. Obstructive lung diseases
12. Restrictive lung diseases
13. Pathophysiology of Acid-peptic disease
14. Pathophysiology of Pancreatitis
15. Acute and chronic Hepatitis
16. Acute and chronic renal failure

***Calendar plan of workshops and practical classes***

1. Cell injury and death
2. General mechanisms of hypoxia
3. Acid-base disorders
4. Water and electrolyte disorders.
5. Module 1
6. Acute Inflammation
7. Chronic inflammation
8. Pathophysiology of Fever
9. Pathophysiology of Allergy
10. Module 2
11. Immunodeficiencies
12. Pathophysiology of Tumors
13. Module 3
14. Red blood cell disorders
15. White blood cell disorders
16. Module 4
17. Conduction disorders
18. Dysrhythmias
19. Heart failure
20. Module 5
21. Lung volumes, capacities, and the spirogram
22. Ventilation to perfusion mismatch
23. Module 6
24. Pathophysiology of Jaundice
25. Overview of liver diseases. Liver Function tests
26. Glomerular filtration rate(GFR)
27. Glomerulonephritis and nephrotic syndrome
28. Module 7