

**Salient Features of :**

1. Global and Indian scenario of Cancer Incidence, Diagnosis and Management.
2. Screening, Awareness and Early Diagnosis of Cancer.
3. Careinogens and Carcinogenesis.
4. Precipitating and Etiological factors causing Cancer.
5. Tobacco burden, Cancer and Associated Diseases.
6. Patho-Physiology of Development of Cancer.
7. UICC, "TNM" Classification of Tumors.
8. Basic Principle of Treatment of Cancer by Radiation.
9. Types of Radiation and Their uses in Treatment of Cancer.
10. Evolution of Radiation Treatment Delivery Techniques.
11. Various modes of treatment of Cancer.
12. Interaction of Radiation with matter.
13. Radiation Protection.
14. Side Effects of Radiation.
15. Harmful Effects of Radiation.
16. Classification of Anticancer Drugs and basic Principle of Mechanism of Action.
17. Radiological imaging and its use in Cancer Management.
18. Various Diagnostic tools for Diagnosis of Cancer.
19. Palliative care in Cancer.
20. Understanding Radiation Disaster.