

SYLLABUS

Three month's certificate course in Cancer Registry, Epidemiology and Biostatistics

Theory

Paper I (Total 50 marks, pass 17 marks)

- Introduction to cancer registration
- Diagnostic Methods in Cancer
- Sources of cancer registration
- Data collection and patient follow-up in cancer registry
- Demographic data in cancer Registration
- Introduction to data management software in cancer registration and pattern of care
- Cancer registry data quality
- Mortality data in cancer registration
- National Cancer Control Program and national Cancer Registry Program of India

Paper II (Total 50 marks, pass 17marks)

- Descriptive epidemiological studies in cancer surveillance
- Study designs in Cancer Epidemiology
- Basic Statistical Methods
- Cohort, case-control and cross-sectional studies
- Bias and confounding in Epidemiological Studies
- Current topics in Cancer Epidemiology
- Cancer prevention
- Essentials for cancer survival studies and follow-up
- Prognostic factors for survival- Multi-factorial analysis
- Hospital-based and population-based cancer survival on cancer control

Practical postings at PBCR (1.5months) & HBCR (1.5months)

- Cancer Registry data Collection and entry (HBCRDM/ PBCRDM/ POCSS)
- Patient follow-up (hands on experience)
- Coding of cancer
- Statistical exercises
- Analysis and interpretation of graphs, tables, and diagrams in cancer registry