

**SUBJECT: NON COMMUNICABLE DISEASE WITH SPECIAL  
REFERENCE TO CARDIOVASCULAR DISEASE AND DIABETES**

**Learning Objective:**

- To Know About Non Communicable Disease
- The Cardiovascular Disease and Its Risk Factor and Prevention
- The Diabetes and Its Complication
- Correlation between Diabetes and Cardiovascular Diseases

**Learning Outcome:**

- Can able to give information on the non communicable disease conditions their risk factors and prevention

**UNIT I**

**NON COMMUNICABLE DISEASE AND ITS TYPES**

Introduction-Non Communicable Disease-Diseases Covered-Risk Factors-Prevention-Integrated Approach

**UNIT II**

**CARDIOVASCULAR DISEASES (CVD) AND ITS TYPES**

Diseases under CVD-Death Distribution-Lifestyle Factors

**UNIT III**

**CORONARY HEART DISEASES (CHD)**

Presentation-Scenario in India-Risk Factors-Primary-Other Factors

**UNIT IV**

**DIABETES & ITS TYPES**

Classification-Diagnosis-Global Epidemiology-Indian Epidemiology-Epidemiological Determinant-Agent-Host Factor-Environmental Factors-Screening for Diabetes-Urine-Blood Sugar-Prevention & Care-Primary Prevention-Secondary Prevention-Tertiary Prevention-Complication of diabetes-Microvascular-Diabetic retinopathy-Diabetic nephropathy-Diabetic neuropathy-Macrovascular

**UNIT V**

**ELECTROCARDIOGRAM (ECG) AND ITS APPLICATION**

Interpretation-Electricity-Shape-Recording-Shape-Reporting-Interpretation-Things To Remember. Applications in medical examination.

**References:**

1. Non communicable diseases, cardiovascular diseases, diabetes. Parks Textbook of social and preventive medicine , 24 th edition
2. Complication of diabetes. William text book of endocrinology, 11<sup>th</sup> edition.
3. Type 2 diabetes milletus.<https://www.icmr.nic.in/content/guidelines-management-type-2-diabetes>.
4. ECG Made Easy. 6<sup>th</sup>Edition.John R Hampton