The study aimed to carry out the following aims and objectives:

1. To evaluate the diagnostic importance of non-HDL-Cholesterol in Coronary heart disease.

2. To evaluate the diagnostic efficacy of Apolipoprotein B and A-1 in Coronary heart disease.

3. To compare the predictability of non-HDL-C and Apolipoprotein B as cardiovascular risk marker.

4. To assess Lp(a) levels and its role as a risk factor of Coronary heart disease.

5. To study and evaluate lipoprotein and apolipoprotein ratios.