The present investigative study therefore aims at:-

1. To determine the levels of oxidative stress markers (MDA & Catalase), native HDL and oxidized LDL in correlation with MPO levels and their interrelationship in control and in CVD subjects.

2. To compare the predictability of non-HDL-C and MPO as CVD risk marker.

3. To determine the frequency distribution of promoter region -463G/A gene polymorphism of MPO in control and CVD patients.

4. To elucidate the association of lipid profile, oxidative stress markers, Non-HDL-C, Oxidized LDL and MPO with reference to -463G/A gene polymorphism of MPO with the occurrence and severity of CVD.