CHAPTER-3

AIMS AND OBJECTIVES

The present study was conducted in the Deptt.of Biochemistry in collaboration with Deptt.of Medicine, Maharishi Markandeshwar Institute of Medical Sciences and Research, Mullana, Ambala. The major aim and objectives of the conducted study were:

1. To estimate Fasting Plasma glucose, Fasting plasma Insulin, Fasting serum Lipid profile & serum hs-CRP in subjects with metabolic syndrome & healthy controls.

2. To assess the correlation of Fasting Plasma Glucose, Insulin, Lipid profile &hs-CRP with blood pressure (systolic & diastolic) and BMI in subjects with MetS& healthy controls.

3. To evaluate insulin resistance (HOMA-IR) in subjects with metabolic syndrome and healthy controls.

4. To assess the correlation/association if any between serum hs-CRP and insulin resistance in subjects with metabolic syndrome and in healthy controls.