# Lab 1&2 – An Introduction

## Objectives

The lab objective is to explore some basic concepts related to computer organization, computer architecture and microprocessors.

## Instructions

Compile a report containing answers of following questions. Do write in your own words and to the point. Also, do provide the references.

## Questions

1. Summarize major changes in 1st, 2nd, 3rd and 4th generations in the history of Computers.
2. Differentiate among Microprocessor, Microcontroller and Embedded Systems. Also give examples.
3. What is Motherboard? Discuss its any five major parts?
4. Discuss general structure of Von Neumann machine.
5. Summarize the evolution of Intel x86 processor families.
6. Why an operating system is used? Name few operating systems.