



PANJAB UNIVERSITY

Department of Computer Science & Applications

SEMINAR SYNOPSIS

Personal Computer vs. Mainframe & Supercomputer

Submitted to
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Seminar Overview

The questions "How much?" and "How long?" must be answered. This Seminar puts a light on the topic **"Comparison & Contrast between Personal Computers, Mainframe and Super Computer"** and is entitled as **Personal Computer vs. Mainframe & Super Computer**.

It will cover the topics on Personal Computers, their types, their comparison to Mainframe and Super Computer.

This Seminars aims to bring into notice the power of personal computing and various dimensions of it, Mainframe & Super Computer usage & their abilities. It also covers the Supercomputing Facility at Panjab University as an example of Super computers and its comparison with what is available in the latest Super Computers.

Contents covered by Seminar

- Introduction
 - a. Personal Computers
 - b. Mainframes
 - c. Super Computers
(With their Configurations as comparison)
- Types of Personal Computers
e.g. IBM PC, Notebook, Handheld, Laptops, Apple Macintosh
- Comparison
Both at Software & Hardware Level
- Classification of Computer Hierarchy
- Personal Computers in Contrast to Mainframe & Super computers.
- Examples:
 1. Supercomputing Facility at Panjab University and its comparison with other latest Super Computers.
 2. Use of Super Computers by Weather Forecasting at Australian Metrological Department.
- Points of Difference between Mainframe & Super Computers.
- Differentiating Points on PC's, Mainframe & Supercomputers.

The Seminar Presentation and Synopsis is also available on the internet
<http://www.smsbysan.8m.com/seminars/>

Where from anyone can post their questions or queries regarding the topic.

Thank you