

Workshop on

# Operating Systems & Computer Architecture

Introduction to operating system.

Tasks of operating system.

Operating system architecture.

Program to Process flow.

Types of kernel.

User mode and Kernel mode.

Types of Programming languages.

Programming language paradigm.

X86 Architecture.

X86 Toolchain.

Components of motherboard.

Working Preprocessor and its tasks.

Working of Compiler and its phases.

Working of Assembler, Linker, Loader.

Types of addresses.

Format of executable file.

Frequently asked questions in interviews.

Date: 12th and 13th February 2014.