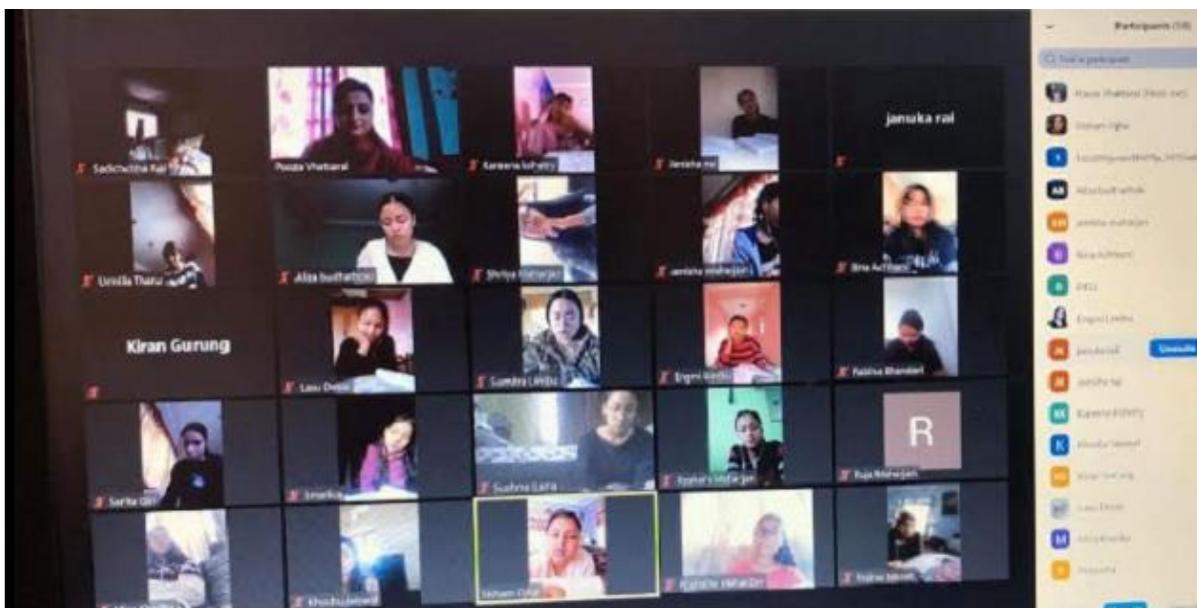# One Day Training Programme
on
Operating systems
Organized by the Dept. of CSE - MITS
20 Sept 2021

Submitted by: Dr. J. Subash Chandra Bose,Associate Professor,CSE, MITS.

The programme was inaugurated by the Chief Guest person Mr VENKATESHKUMAR.S Networking InchargeTechnical Trainer, Deprrment of CSE, Paavai Engineering, Namakkal in the presence of the Principal, Vice Principal (Academics), HoD/CSE, internal faculty members, students and external delegates.

HoD CSE: The Professor and the Head, Department of Computer Science and Engineering, addressed about how Programming Languages is important in our software development. Then the session was handed over to person VENKATESHKUMAR.S Networking InchargeTechnical Trainer, Deprrment of CSE, Paavai Engineering, Namakkal.
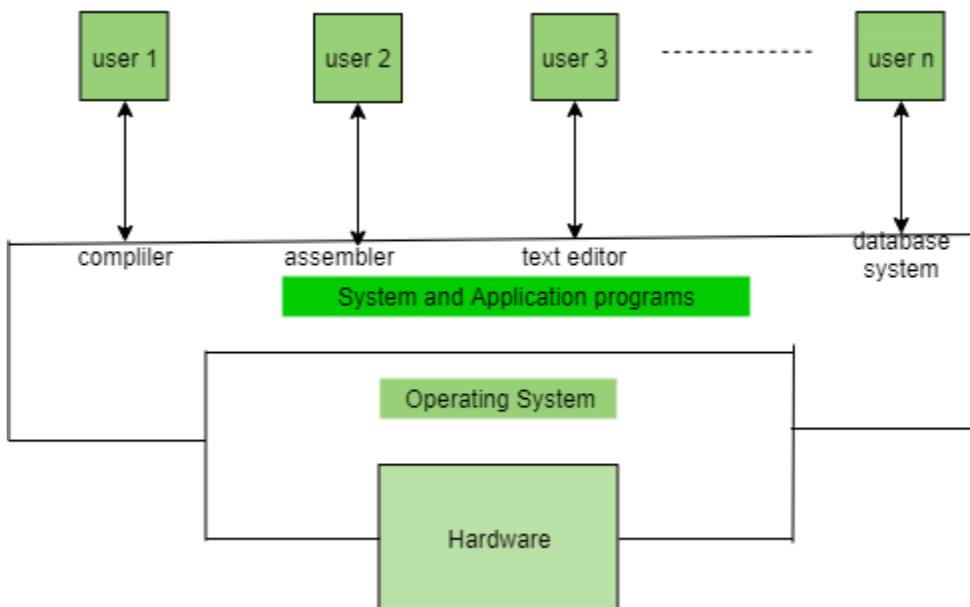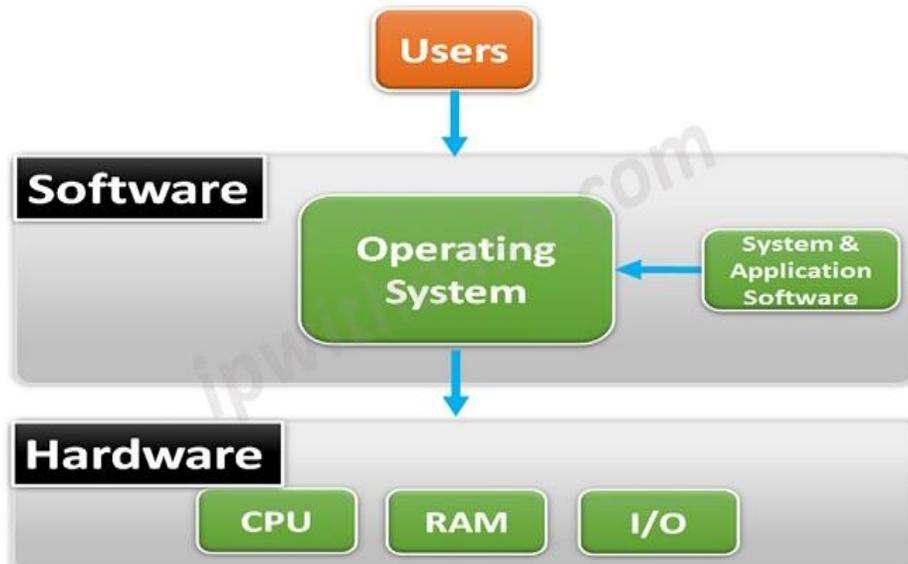
Followed by, the sessions were proceeded as per the below schedule with strict compliance on attendance for both internal and external participants. Totally 68 participants have attended the training programme.

A Lecture on Career Essence Program operating systems, given awarness to the students on advanced technologies and how to plan their career.
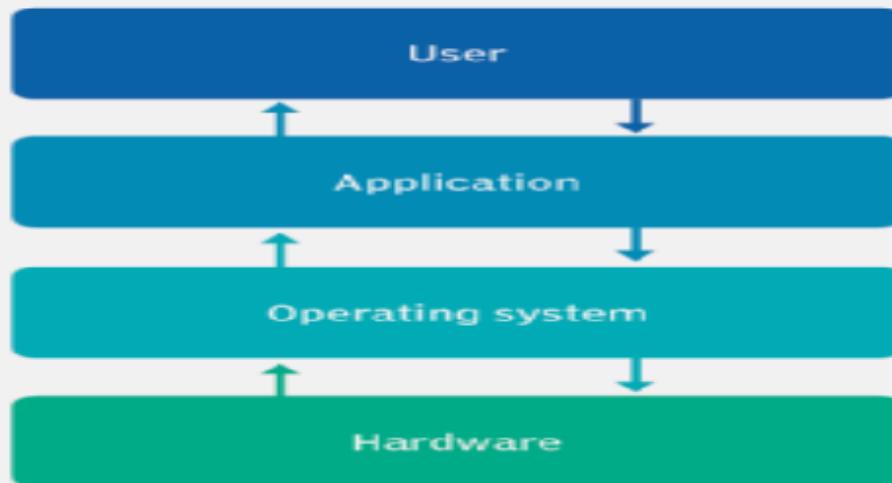
As part of Operating systems, the students got awareness on various trending domains and technologies these would help them formulate their career better.

This program would not only enable students with various IT opportunities but will also streamline their thought processing on "How to create Jobs" in IT industry.
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OPERATING SYSTEM AND ITS FUNCTIONS

Operating system placement

The dominant general-purpose personal computer operating system is Microsoft Windows with a market share of around 76.45%. macOS by Apple Inc. is in second place (17.72%), and the varieties of Linux are collectively in third place (1.73%). In the mobile sector (including smartphones and tablets), Android's share is up to 72% in the year 2020. According to third quarter 2016 data, Android's share on smartphones is dominant with 87.5 percent with a growth rate of 10.3 percent per year, followed by Apple's iOS with 12.1 percent with per year decrease in market share of 5.2 percent, while other operating systems amount to just 0.3 percent. Linux distributions are dominant in the server and supercomputing sectors. Other specialized classes of operating systems (special-purpose operating systems), such as embedded and real-time systems, exist for many applications. Security-focused operating systems also exist. Some operating systems have low system requirements (e.g. light-weight Linux distribution). Others may have higher system requirements.

Some operating systems require installation or may come pre-installed with purchased computers (OEM-installation), whereas others may run directly from media (i.e. live CD) or flash memory (i.e. USB stick).