

# DevOps Connect

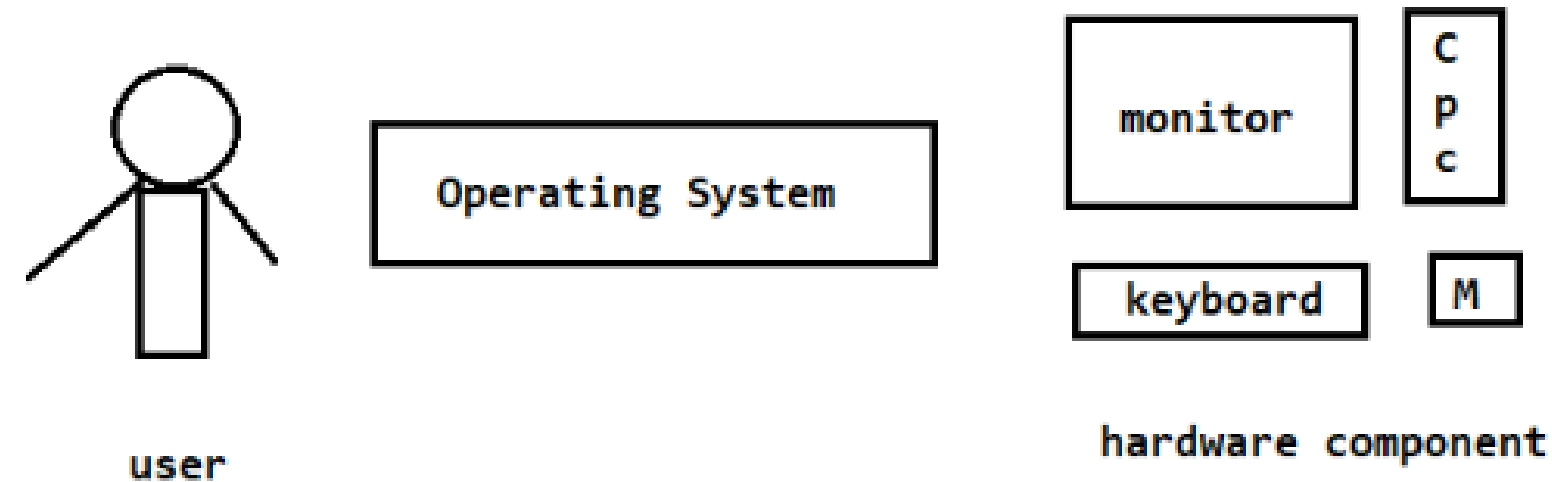
**in association with**



**Pune Vidyarthi Griha's College of Engineering and Technology  
and G.K. Pate(Wani) Institute of Management**

## Operating System

-> Operating System (OS) is a software that acts as an interface between Computer hardware components and user



-> Every computer must have atleast one operating system to run other programs

-> Operating System providing platform/environment to run our applications

Ex: Browsers, Notepad, Ms Paint, Calculator etc...

-> Operating Systems helping us to communicate computer without knowing how to speak computer language.

Note: We can't use a computer without having operating system

| Parameters      | LINUX  | WINDOWS                           |
|-----------------|--|-----------------------------------|
| Inception Year  | 1991   | 1985                              |
| Standard        | Open source operating system which is freely available | Closed Source Operating system    |
| Webserver share | 70% share  | 23% share                         |
| Filesystem      | ext2-4, FAT, NTFS, NFS, ISO 9660, JFS, KFS             | NTFS, FAT, ISO 9660, UDF, HFS     |
| Cost            | Low cost Hardware                                      | High cost hardware                |
| Security        | Secure   | Insecure                          |
| Virus           | 60-100 virus listed                                    | 60,000 viruses listed             |
| Developed by    | Linus Torvalds   | Microsoft                         |
| Source Code     | There is full access to source code                    | There is no access to source code |



# Advantages of Linux

- **Open Source**
- **Free**
- **Security**
- **Lightweight**
- **Multitasking**
- **Multuser**
- **Stability**
- **Customization:**
- **Command-Line Interface (CLI)**
- **Package Management**
- **Community Support**



**Thik Hai Bhai**



**Ab Mai Chalta Hoon**

**THANKS :)**