K L University

(Koneru Lakshmaiah Education Foundation)

Estd. u/s 3 of UGC Act 1956

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Constituent College KLCE Accredited by NAAC with CGPA 3.76/4.00

Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

Academic Staff College

1-day FDP on "VMWARE" by Dr.Rashmi Ranjan Rout, Asst.Prof., NIT, Wrangal is arranged by academic staff college, KLUniversity on 19.10.2016 for 40 faculty members of Dept.CSE.

VMware is a virtualization and cloud computing software provider based in Palo Alto, California. Founded in 1998, VMware is a subsidiary of Dell Technologies. EMC Corporation originally acquired VMware in 2004; EMC was later acquired by Dell Technologies in 2016. VMware bases its virtualization technologies on its bare-metal hypervisor ESX/ESXi in x86 architecture.

With VMware server virtualization, a hypervisoris installed on the physical server to allow for multiple virtual machines (VMs) to run on the same physical server. Each VM can run its own operating system (OS), which means multiple OSes can run on one physical server. All of the VMs on the same physical server share resources, such as networking and RAM.

Networking and Security

VMware NSX is a virtual networking and security software offering created when VMware acquired Nicera in 2012. NSX allows an admin to virtualize network components, enabling them to develop, deploy and configure virtual networks and switches through software rather than hardware. A software layer sits on top of the hypervisor to allow an administrator to divide a physical network into multiple virtual networks.

The outcomes of the FDP

The faculty are able to understand

1. How to save space
2. How it can become a tool around with a different operating systems
3. How it is able to run programs that do not work on your operating system
4. The testing programs which may be used on different operating systems.
5. The Virtual networks
6. That it can run multiple platforms with your different operating systems

GUEST LECTURE

Dr. Rashmi Ranjan Rout, Assistant Professor,
NIT, Warangal delivers Guest Lecture on "Network Security".

VMWARE FACULTY DEVELOPMENT PROGRAMME

Faculties of CSE team involved in Faculty Development Programme on
"VM ware" held during 19th October'16