

**6.3.3 NUMBER OF PROFESSIONAL
DEVELOPMENT/ ADMINISTRATIVE
TRAINING PROGRAMS ORGANIZED BY
THE INSTITUTION FOR TEACHING AND
NO-TEACHING STAFF DURING THE YEAR**

6.3.3 Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
4/7/2022	Workshop on "Cloud Computing using VMware vSphere" was conducted for BCA Staff The main ideology of this workshop was to give training of existing methodologies and usage of VMware and cloud computing in day-to-day technical life.		10
5/7/2022	Workshop on "Cloud & Virtualization using VMware vSphere" was conducted for BCA staff The main ideology of this workshop was to give training of existing methodologies and usage of VMware and cloud computing in day-to-day technical life.		10
6/7/2022	Workshop on "A Practical approach on implementing virtualization & cloud using VMware vSphere" was conducted for BCA staff. The main ideology of this workshop was to give training of existing methodologies and usage of VMware and cloud computing in day-to-day technical life.		10

30/7/2022	<p>The FDP was conducted on the topic "Total Quality Management". The session was an interactive session where TQM was taken through the eyes of teachers with students as the working product and clients as Corporates and parents. The 8 principles of TQM was explained in detail along with the 14 principles of Deming's. The speaker threw light on the Plan-Do-Check-Act method that could help us towards the above objective.</p>	40
15,16,17/11/2022	<p>A three day FDP on the topics Qualitative and quantitative research methods, Professional Etiquette and Ethics and Alternative Learning Approaches for enhanced students' engagement was conducted. The speaker of Day 1 brought importance of design thinking for having an effective Qualitative and quantitative research methods. The speaker of Day 2 discussed on need for soft skills, professional etiquettes and ethics in work culture. The day 3 speaker discussed on various teaching tools and approaches of effective participative teaching for enhanced student engagement.</p>	45

1/12/2022	As a part of effective implementation and to understand the role of the member for effective functioning of IIC, a workshop was arranged on: Roles & Responsibility of members for effective functioning of IIC.	As a part of effective implementation and to understand the role of the member for effective functioning of IIC, a workshop was arranged on: Roles & Responsibility of members for effective functioning of IIC.	43
3/2/2023	A workshop conducted on Professional ethics and etiquettes at work place	A workshop conducted on Professional ethics and etiquettes at work place	42



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 Ring Road, Bellandur Post,
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Ref: NHC/2022-23

1.7.2022

Circular (Teachers)

This is to inform all the BCA Teachers of NHC that workshop will be conducted on Cloud computing using VM ware v sphere on 4.7.2022 at 10am in Chanakya Seminar Hall, Shaheed Hemu Kalani Block.


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Report on IQAC Presents Workshop on Cloud Computing using VMware vSphere

Date: 4/07/2022

Time: 9:00 AM - 1:00 PM

Title of the Event: Workshop on VMware

Resource Person: Dr. Srinivasan, Associate Professor CS dept

Dr. Gautam, Senior Assistant Professor CS dept

Target Audience: BCA Students and Staff

Venue: Chhatrapati Shivaji Block, 5th Floor at VMware lab

Faculty Coordinator: Mr. Anoop A, Assistant Professor BCA dept

Ms. Achshah Susan Mathew, Assistant Professor BCA dept.

About the Session:

Introduction: Virtualization is one of the fastest-growing areas of IT. Why? Because it helps streamline operations, which saves time, money, and space. VMware's vSphere platform is an industry leader. Virtualization solutions are being implemented to use less hardware and save on power — and, through automation, perform tasks such as rolling out new servers in minutes instead of hours. VMware is one of the biggest vendors in virtualization. The demand for VMware skills is high. Learning skills that are in demand is a win/win scenario therefore, we at New Horizon would like to create a win/win situation for our student's career graph through this workshop.

About the program: The main ideology of this workshop was to give training of existing methodologies and usage of VMware and cloud computing in day-to-day technical life.

- VMware is a virtualization and cloud computing software, this is mainly used for the practice of using a network of remote servers hosted on the internet to store, manage, and process data rather than a local server or a personal computer.
- VMware enables users to create and run VMs directly on a single Windows or Linux desktop or laptop. Those VMs run simultaneously with the physical machine

Students were instructed by the trainer to enroll and to login with their respective login id and password at Virtualization 101 (HOL-2210-01-SDC). The benefits and uses of the VMware were also taught by the trainer.

The process to create, modify and delete Virtual Machine and VApp using VMware was explained and demonstrated by the trainer.

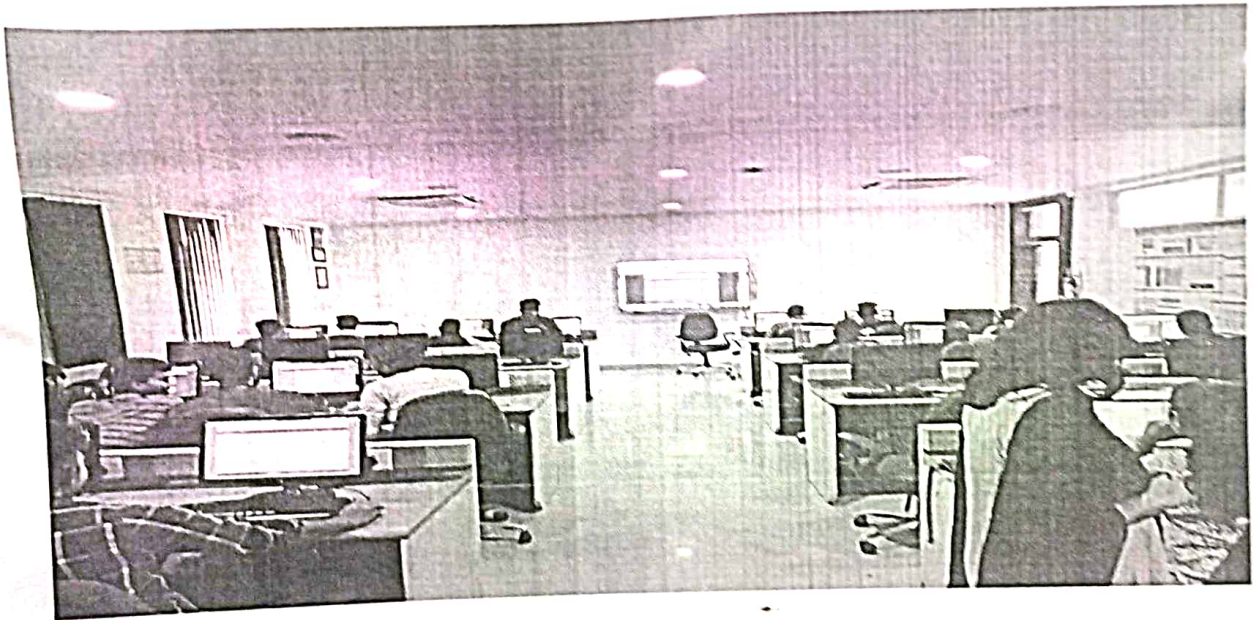
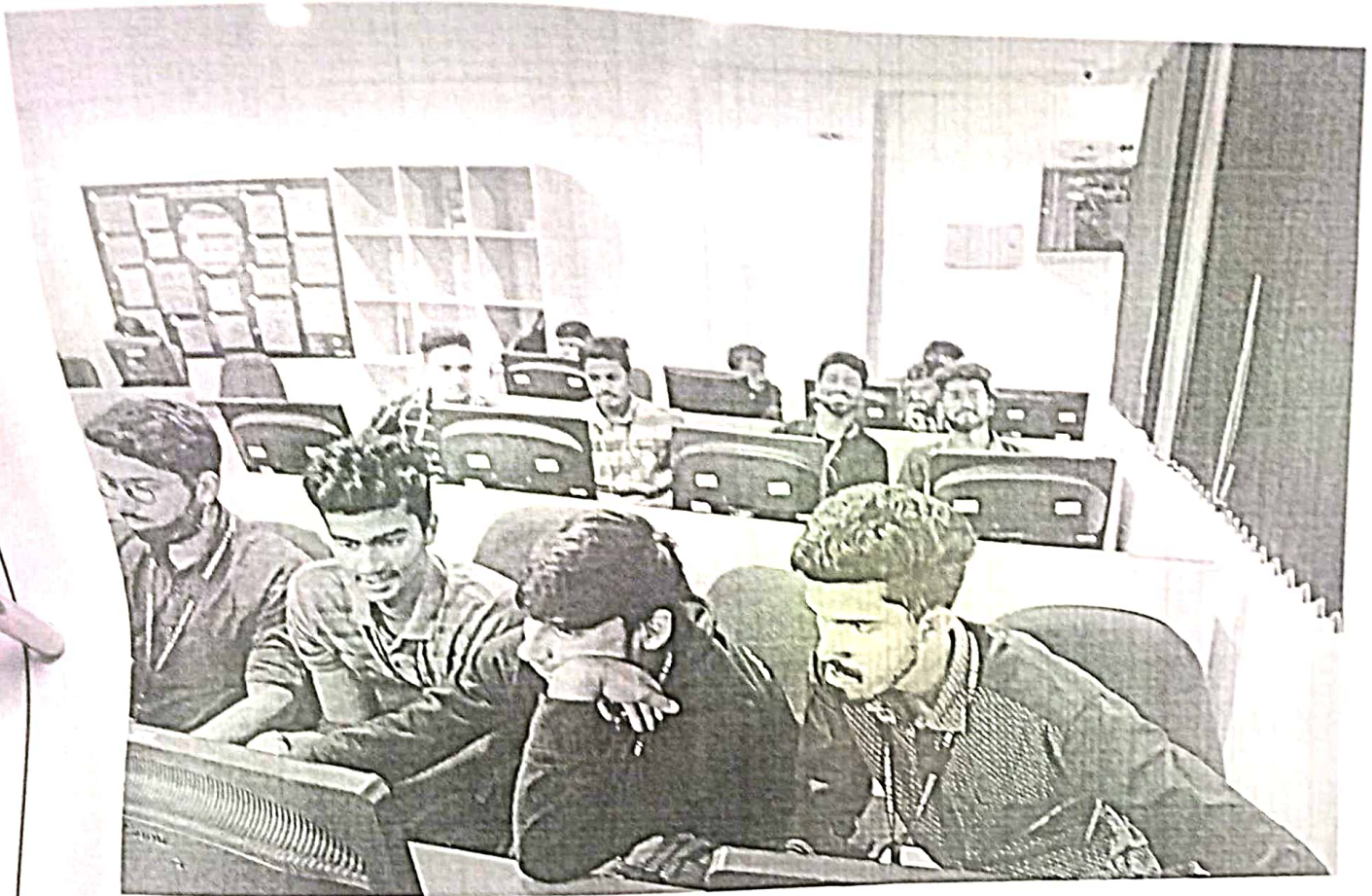
Virtual machine migration is the task of moving a virtual machine from one physical hardware environment to another. It is part of managing hardware virtualization systems and is something that providers look at as they offer virtualization services and was instructed and with migration types also.

Few topics discussed during the sessions are

- Creation of virtual machines.
- Creation of Vapp's.
- States of VM.
- Power on, power off and suspending modes.
- Taking, reverting and deleting the snapshots.
- Creating Templates, Cloning, Hotplugin etc.
- Setting up remote desktop connection.
- Migration of Virtual machine and it's types.

Students also learnt that it is important to try and use the theoretical knowledge that they have gained through this workshop to grow personally as well as professionally.


Snapshots of the session:



Demonstration of VMware platform


HOD, BCA


Event Coordinator


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Report on IQAC Presents Workshop on Cloud & Virtualization using VMware vSphere

Date: 5/07/2022

Time: 9:00 AM - 1:00 PM

Title of the Event: Workshop on Cloud and VMware

Resource Person: Dr. Saravanan, Professor CS dept

Mr. Sony Kuriakose, Assistant Professor CS dept

Mr. Karthick, Assistant Professor CS dept

Target Audience: VI BCA B Students and Staff

Venue: Chhatrapati Shivaji Block, 5th Floor at VMware lab

Faculty Coordinator: Mr. Anoop A, Assistant Professor BCA dept

Ms. Achsah Susan Mathew, Assistant Professor BCA dept.

About the Session:

Introduction: VMware is a winning team. The demand for VMware skills is high. Learning skills that are in demand is a win/win scenario. VMware skills will leverage your existing experience with networking and/or servers, and build on that as you implement and manage virtualized environments. The demand for VMware skills is high. Learning skills that are in demand is a win/win scenario. Therefore, we at New Horizon would like to create a win/win situation for our student's career graph through this workshop.

About the program: The main ideology of this workshop was to give training of existing methodologies and usage of VMware and cloud computing in day-to-day technical life. **Virtualization** is the "creation of a virtual (rather than actual) version of something, such as a server, a desktop, a storage device, an operating system or network resources".

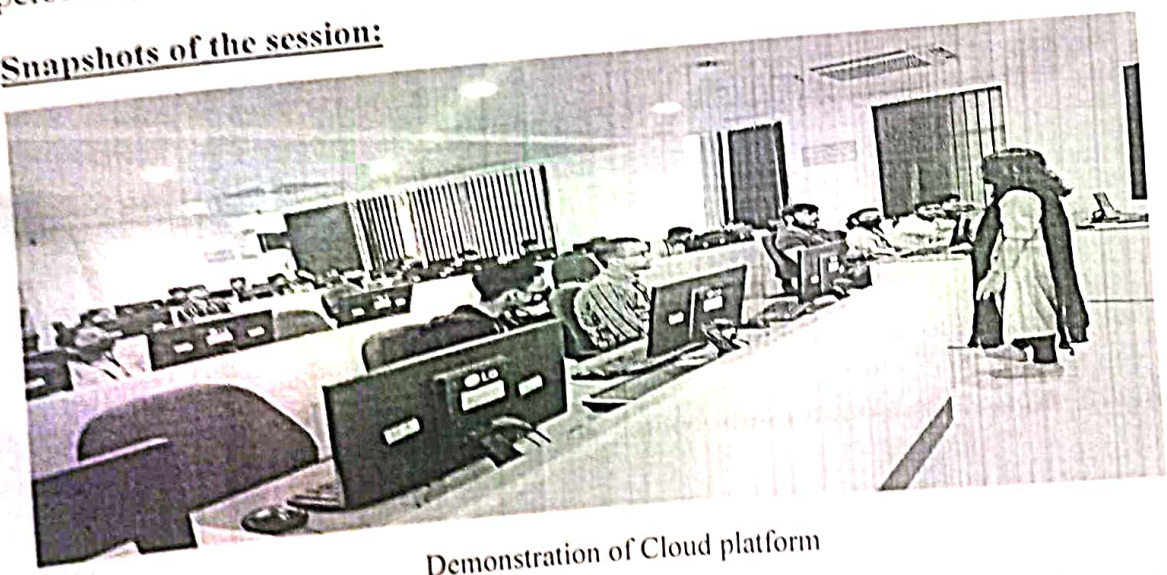
- Cloud computing platforms almost ubiquitously utilize virtualization to provide you with a full suite of features. Think about scalability. Cloud providers would not be able to deliver scalable cloud servers without virtualization software.
- By adopting virtualization in their cloud environment, organizations can realize the security benefits.
- Students were instructed by the trainer to enroll and to login with their respective login id and password at Virtualization 101 (HOL-2210-01-SDC), and demonstrated the uses of the VMware and Cloud techniques to Reduced capital and operating costs, Minimized or eliminated downtime, Increased IT productivity, efficiency, agility and responsiveness, Faster provisioning of applications and resources were also taught by the trainer.

Few topics discussed during the sessions are

- Build Your VMware and Virtualization of Clouds Hands-on Labs.
- Install, Configure, and Manage ESXi Hosts and vCenter® Server Appliance™
- Deploy and manage virtual machines, templates, clones, and snapshots.
- Configure and Manage the Network, Storage, and Virtual Appliances.
- Configure and manage standard/distributed switch.

It enables the students to create and run VMs directly on a single Windows or Linux desktop or laptop. Students also learnt that it is important to try and use the theoretical knowledge that they have gained through this workshop to grow personally as well as professionally.

Snapshots of the session:



Demonstration of Cloud platform

[Signature]
HOD, BCA

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