



COURSE BROCHURE

Certified Virtualisation Professional | CVP

Introduction to the Course

Virtualisation is the process of making a virtual model of any software, storage devices and computer network resources.

These virtual substitutes for the physical equipment reduce the company's cost on IT equipment expenses and help in increasing efficiency and speed.

Therefore, the work of a **Certified Virtualisation Professional | CVP** is to make virtual versions of these equipment, storage devices, computer network resources, etc. A **Certified Virtualisation Professional | CVP** is, therefore highly valued by MNCs who work with large amount of equipment and data. They require these **Virtualisation Professionals** to make these virtual models to reduce their expenses on the physical equipment and make production more **cost effective**.

In this course the students will be taught details of **virtualisation methodologies** from scratch. This course organised by **IEM Labs** goes step-by-step into **virtualisation** details. After the completion of this course the students will be able to do any work related to **virtualisation, VMWare, Virtual Box**, etc.

Main focus areas of this course are: -

- Virtualization fundamentals
- Virtual Machines
- vSphere components
- Deployment and cloning of virtual machines

The training sessions will be conducted by our industry experts who have been working in this field for the last 8-10 years. Using this certification credential students will be able to apply for **Virtualisation Professionals** and related job roles.

Why to choose IEM Labs?

What makes this course much more exciting is that we provide **hands - on training** procedure through projects and practical based classes throughout the entire curriculum of the course.

We at **IEM Labs** provide both **Online** (through platforms like "**Google Hangout Meet**", "**Go to Meeting**", "**Zoom**", etc) and **Offline** mode classes. The most beneficial point for a student to get trained by **IEM Labs** is "**One Year Lab Access**", i.e. every student from the date of admission will have access to our "**Online Virtual Lab**" for practising and getting all notes, pre-recorded videos and tools according to their course for one year absolutely free of cost.

About the Course

Course Type - Basic

Eligibility Criteria: -

- **No prior knowledge is required.**
- **Minimum System Configuration Required: -**
 - Intel i5 processor
 - 8gb Ram
 - 1tb Hard disk

Batch Size - 5 students maximum.

Course Duration - 40 hours i.e. 2 classes every week.

Course Fee: -

- **Online: 13000 INR + 18% GST**
- **Offline: 12000 INR + 18% GST**

Training Location: -

- **Offline - Kolkata**
- **Online – Any**

Gradation System of IEM Labs

- **E Excellent (90% - 100% Marks)**
- **A+ Very Good (80% - 89% Marks)**
- **A Good (70% - 79% Marks)**
- **B+ Average (60% - 69% Marks)**
- **B Fair (50% - 59% Marks)**
- **C Fail (Below 50% Marks)**

Course Content

- Module - 1: Introduction to Virtualization
- Module - 2: Lab Setup
- Module - 3: Virtual Machines
- Module - 4: vSphere Components
- Module - 5: Architecture of VMware ESX and ESXi
- Module - 6: Manually Configure VMware ESX/ESXi
- Module - 7: Configuration of vCenter Server Components
- Module - 8: Management of vCenter Server Inventory Objects
- Module - 9: Configuration of vNetwork Standard Switches
- Module - 10: Management of Network Infrastructure
- Module - 11: Storage to Configure ESX/ESXi with iSCSI,
- Module - 12: Storage to Create and Manage vSphere atastores
- Module - 13: Deployment & Cloning of Virtual Machines
- Module - 14: Storage vMotion Migrations
- Module - 15: User Management
- Module - 16: Control Virtual Machine access to CPU, Memory, and I/O Resources
- Module - 17: Introduction to VMKernel Methods
- Module - 18: Configuration of VMware High Availability luster
- Module - 19: Configuration of Fault-Tolerant Virtual Machines
- Module - 20: Project

Frequently asked questions (FAQ's)

1. What must be the minimum age for doing this course?

Answer - There is no minimum age requirement for doing this course.

2. What must be the minimum qualification required for doing this course?

Answer - There is no minimum qualification required if the student meets the **Eligibility Criteria**.

3. Will I get any course material?

Answer - Yes, all materials are available on our online virtual lab, you can access them fully upto 1 year from the date of admission.

4. Will I get a certificate after this course?

Answer - Yes, certificate (hardcopy/softcopy) will be provided after the course which will consist of a grade provided by the assigned trainer as per the final project submitted.

5. In which language classes will be conducted?

Answer - Classes will be conducted mainly on English, Hindi & Bengali, mainly it will depend on majority criteria.

6. Is this for professionals, students or both?

Answer - This course is both for Professionals and Students.

7. Will there be any exam or project?

Answer - Yes, there will be 3 exams through the whole course duration and 1 project to be done after the course completion based on which Grade for certificate will be provided.

8. Will I have to carry my own laptop or it will be provided?

Answer - It is recommended that the student carry his/her own system because it makes their self-practise easier. In case of emergency laptop/desktop can be provided by us.

9. What kind of jobs roles can I apply after doing this course?

Answer - You can apply for any job roles related to **Virtualisation**.

10. Can I apply for an Internships at IEM Labs? What will be the selection criteria and procedure?

Answer - After completion of minimum 2 courses you can apply for an Internship. There will be a technical interview, based on the reports from Faculty and Technical Interview selection will be granted.

11. Are the Internships paid?

Answer - Yes, the Internships are "***Paid Internships***".

12. My question is not enlisted here, whom can I contact?

Answer - Feel free to get in touch with us at: -

- Email: iema@iemlabs.com
- Phone: India: +91 9163198148 | Canada: +1-604-431-979