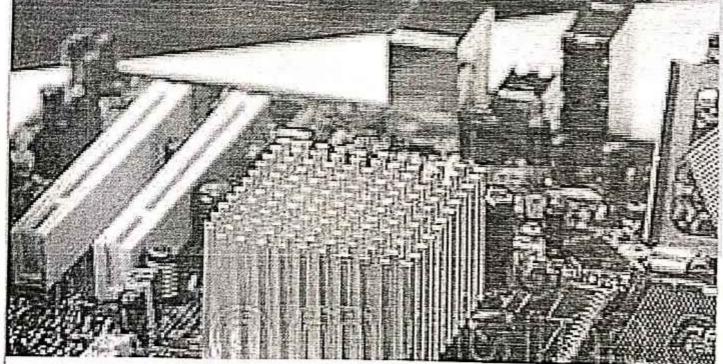
GOLDEN JUBILEE

Anjuman-I-Islam's

AKBAR PEERBHOY COLLEGE OF COMMERCE AND ECONOMICS M. S. Ali Road, Do Taaki, Mumbai-8

Learn Hardware & Basic Networking

Course Fees: 1650/- only



For more detail contact: Mr. Altaf 8655579441 Mr. Numan 9833379090



Akbar Peerbhoy College of Commerce and Economics

· (NAAC Accredited College)

M. S. Ali Road, Two Tank Grant(E), Mumbai - 08

Certificate Course in Hardware and Basic Networking

Course Objective: course provides foundational understanding of hardware components, how to assemble a desktop computer. The Course will help you to learn about basic network addressing, network device connections and configuration.

Course Outcome: On completion you will get "Certificate in Hardware and Basic Networking".

This certificate will help you in finding placement as Network engineer. Also you will be able to start your own hardware and Networking Company.

Eligibility Criteria: -

Minimum SSC (10th) passed or appearing.

(This batch is exclusively for registered students of Akbar Peerbhoy College)

Last Date of Submitting Admission forms: 20th November 2021.

Click here for Online Registration: https://forms.gle/EhL3DEqmXVq8YjXXA

New Batch Starting From:

25th November 2021.

Course Duration - 3 Months (25th November 2021 - 24th February 2022)

Limited seat, Admission on First Come First Serve Basis

Course Fees: ₹ 1650/- only

Experienced Faculty in field of Hardware for past 15 years.

For more information contact:

Prof. (Dr.) Abdul Sadique

(Program Coordinator)

- 90228 14705

Prof. Ahtesham Shaikh

(Program Coordinator)

- 86555 79441

Mr. Altaf Chougule

(Course Mentor) (Course Mentor)

- 00333 /

Mr. Feroz Patel Mr. Noman Shaikh

(Course Mentor)

Course Contents:-

The course spans over 4 weeks of extensive hands-on Project work under the guidance of the instructors by Maintaining Project Dairy on daily practical assignments completed using actual Hardware components.

Module 1:- Computer and Hardware Fundamentals

- Computer Fundamentals. 0
- Basics of computer hardware. 0
- Booting process, BIOS. Θ
- Different Types of Cache, Buses, Motherboards, Processors, RAM, ROM etc. Θ
- Different Types of Expansion Slots, Expansion Cards. Θ

Module 2:- Assembling of Desktop Computer

- Θ Assembling of Motherboards, Floppy & CD drives Hard disk on Latest Cabinets & Motherboards.
- Total Assembling Of Computer Θ
- Usage of Multimeter, Voltages In SMPS, Beep Codes. Θ
- Jumper Settings, Master & Slave Settings, BIOS Settings. Θ

Module 3:- OS Installation

- Hard disk Partition, formatting HD. Θ
- Windows Partition through Text & Graphical Mode. 0
- Windows 7 / 10 Installation Θ
- Drivers Installation, Application Software Installation. Θ
- Virus, Antivirus Software & Removing Viruses. Θ

Module 4:- Networking

- Basics of Networking, Types of Network Devices Hub, Cable, Connectors, LAN Θ Cards etc.
- Peer-to-Peer Networking Through Windows. Θ
- Θ Software Proxy.
- Local Area Network (LAN) Setup Θ
- Cabling Using CAT 5 Cable, Crimping tool Usage. Θ

**_*_



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Maulana Shaukatali Road, Do Taki, Mumbai - 400 008. Tel. No. 23074122 / 2308 3405, Web Site: www.apcollege.org

ADMISSION FORM FOR

HARDWARE & NETWORKING COURSE

BATCH DEC-2021 TO FEBRUARY-2022



At the desire of my parent/guardian, I seek admission in HARDWARE & NETWORKING COURSE in your college.

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Introduction

Hardware and Networking

What is a Computer?

A Computer is an electronic device with information to store a "data". The word computer has come from a French word "to Compute", which means to calculate. It has the ability to store, retrieve, and process data. You can use a computer for executing basic office work like typing documents, send email, and surf the internet. You can also use it to handle spreadsheets, accounting, database management, presentations, games, and many more.

Every computer consists of two basic parts - hardware and software:

- (1) <u>Hardware</u>: Is physical entity of your computer which means anything that has a physical structure and which can be touched such as the computer monitor, keyboard etc. It is also known as heart of the computer.
- (2) Software: Is any set of instructions that tells the hardware what to do and also how to accomplish each task. It can be called as the brain of the computer.

Electronic Numerical Integrator and Computer (ENIAC)

ENIAC's design and construction was financed by the United States Army, Ordnance Corps, Research and Development Command, led by Major General Gladeon M. Barnes. The work on the computer began in secret at the University of Pennsylvania's Moore School of Electrical Engineering under the code name "Project PX", with John Grist Brainerd as principal investigator.

The total cost was about \$ 4,87,000, which equates to \$ 68,16,000 (approx. 44 Crores) in 2017.

The construction contract was signed on June 5, 1943.

It was completed and introduced on 14TH Feb. 1946.

It was given a code name as 'Project PX'.

Chief investigator was John Grist Brainerd.

It was called as a "Giant Brain" by the press.

It took a human 20 hours in 30 seconds.

It measured 8 feet x 3 feet x 80 feet and weighed 27 tons.

It contained nearly 50 lakhs hand-soldered joints.

It consumed 150 KW of electricity. (Where 1000 watts = 1 Kilo Watts = 1 unit)

It occupied 1800 ft²



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Certificate courses

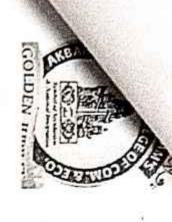
Name of the Course:

Feedback Form

Name of the Program In-charge: Mr. Altaf Chougule Certificate Course in Hardware and Networking

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Certificate courses

Name of the Course:

Certificate Course in Hardware and Networking Feedback Form

Name of the Program In-charge: Mr. Altaf Chougule

Student Name (Optional): Ansori Zidon

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APCCE/Hardware & Networking/2021-2022

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1) RAM stand	ls for			
a) Read Acces	ss Memory	b) Random A	ccess Memory	
c) Rom Acces	s Memory	d) Rear Acces	s Management	
2) One GB = .	****			
a) 1024 MB	b) 1024 KB	c) 1024 TB	d) 1024 Bytes	
3) Windows	eight makes an a	additional partiti	on for system files	
a) 100 MB	c) 250 MB	3) 300 MB	d) 350 MB	
4) The first c	omputer was in	vented in the yea	r	
a) 1847	b) 1927	c) 1947	d) 1987	
5) To enter E	BIOS setup, one	has to enter		
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5) A single p	product key is un	iversal for all ope	erating systems.	
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Akbar Peerbhoy College of Commerce and Economics

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Certificate courses

Name of the Course:

Feedback Form

Certificate Course in Hardware and Networking

Name of the Program In-charge: Mr. Altaf Chougule

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Certificate courses

Feedback Form

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Certificate courses

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Certificate Course in Hardware and Networking **Feedback Form**

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