

Date: 05/02/2022

**Event Coordinator(s)**

1. Prof. Jyotsna More
2. Prof. Teena Varma

**Student Coordinator(s)**

1. Krishna More

**Date, Time & Platform:**

Date : 5<sup>th</sup> February, 2022.

Time : 12:00 noon – 2:00 pm

Platform: Zoom

Total Participant: 60

Participant Attended: 90

With the motive of encouraging students to gain knowledge about assembling computers, the “COMPUTER ASSEMBLY WORKSHOP” was organized for all the students of XIE on 5th February 2022.

The Event was created and organized by Krishna More under the banner of the Computer Society of Xavierites with the guidance of Prof. Jyotsna More and Prof. Teena Varma.

The virtual workshop started at 12:00 noon with a welcome speech which was given by Krishna More (TE IT) to Mr. Nandesh Raturi and all the participants. The resource person Mr. Nandesh Raturi reflected his profound knowledge of the computer components.

The workshop began with the basic introduction of computers. All the concepts were explained with the help of PPT and Live demonstration. Firstly, all the basic components and their working was explained so that participants could understand the basic structure of a computer. Thereafter various other complex components such as heat-sinks, north-bridge, south bridge, etc. were explained in depth. While the speaker was teaching the CSX Coordinators were keeping an eye on the chatbox so that all the doubts of the participants would be cleared.

An interactive session was conducted in the end that ignited the inquisitiveness of participants and everyone felt more such technical workshops should be organized.

**Student Feedback and Benefits**

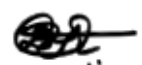
Students learnt about the assembling a computer system from very basic knowledge. The overall feedback about the session was positive.



Teena Varma  
CSX Coordinator



Jyotsna More  
CSX Convener



Dr. Y. D. Venkatesh  
Principal

# GLIMPSE OF THE EVENT

Poster:



**XAVIER INSTITUTE OF ENGINEERING**  
COMPUTER SOCIETY OF XAVIERITES



**SPEAKER**

MR. NANDESH RATURI

COMPUTER TECHNICIAN  
XAVIER INSTITUTE OF ENGINEERING

**COMPUTER  
ASSEMBLY  
WORKSHOP**

**FREE ENTRY**


## EVENT DETAILS

Date: 05<sup>th</sup> February, 2022

Timing: 12pm to 2PM

Platform: Zoom



 For Any Queries

Krishna More 9326422234

## Event Screenshots:

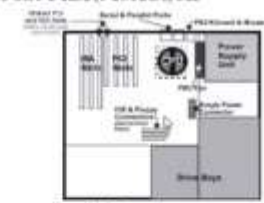
Zoom Meeting

Recording


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a 16-bit version of the ISA bus which is an extension of the original 8-bit ISA bus found in the PC/XT class systems. Afterwards several expansion slots were developed for AT class systems.

**Example**  
 16/32 bit PS/2 microchannel architecture (MCA) bus.  
 16-bit PC card (PCMCIA) bus



**ATX Format** (shows only power)



**Fig 1.1.2 ATX Format** **Fig 1.1.3 PS/2 Port**

16 bit ISA bus  
 16/32 bit Extended ISA(EISA) bus  
 32/64 - bit card Peripheral Component Interconnect (PCI) bus

Utkarsha Gharat  
 Utkarsha Gharat  
 Pratikshya  
 Harshith Raju  
 Abha Prasad  
 Dallas Vaz  
 Dallas Vaz


Zoom Meeting

Recording

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- ◆ Monitor
- ◆ Power Supply
- ◆ Cabinet

**Motherboard** : motherboard is the important component of the computer as everything else is connected to it. And it controls everything in the system. Motherboard are available in several different shapes. Motherboard usually contain the following individual components.




Serial ATA Connector  
 Back Panel Connectors  
 AGP Slot  
 DIMM Slots  
 ATX Power Supply  
 IDE Ports  
 VIA P4X400 Chipset  
 VIA VT8235 Chipset  
 Parallel Drive Port

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 Utkarsha Gharat  
 Pratikshya  
 Harshith Raju  
 Abha Prasad  
 Dallas Vaz  
 Dallas Vaz

Zoom Meeting

Utkarsha Gharat Dallas Vaz Rickson Castelino

Recording



Participants (14)


Find a participant

- UG Utkarsha Gharat (Me)
- DV Dallas Vaz (Host)
- Nandesh Raturi (Co-host)
- Kristina Moore (Co-host)
- Nandesh Raturi (Co-host)
- Yash Chitambar (Co-host)
- Aaron Coutinho
- AD ADY DESHMUKH
- AK Ajay Karim
- A Abhis D'Souza
- Alha Fernando
- A Heen Badpaj
- AS Anshu Sakhere
- AS Anvesh Patel

mute unmute Me

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Nandesh Raturi