

Batch : BCT131

Date : 13/12/2023

Activity : Tech Seminar

Location : Basement Cave

Written By: Rakesh.S

Today's session started at 11 AM and 16 members were present.

The Session Start with Ananthu and Nithin Joji and there topic was Antivirus.First they ask question to everyone.what is antivirus?and finally they explain about it. An antivirus is a software program designed to detect, prevent, and remove malicious software from computer systems. Malware includes various types of harmful software such as viruses, worms, trojan horses, spyware, adware, and other malicious programs that can compromise the security and functionality of a computer.

Questions:

Ashwin: How antivirus works?

Nishanth:What is malware?

Feedback:Have to prepare for the session and research for the topic befor presentation

Second Team was Ashwin and Nithin D Nair and there topic was E-Waste.They explain about the ewaste,idea about,harmful of e waste. Electronic waste, commonly referred to as e-waste, is a term used to describe discarded electronic devices and equipment that have reached the end of their usable life. This includes a wide range of electronic and electrical devices, such as computers, smartphones, televisions, refrigerators, washing machines, and more.

Questions:

Ananthu:What types of pollutions are from the E-waste?

Deepak:Can we reuse Lithium?

Feedback:Very interactive session and the presentation was really good

Third Team was Amal and Deepak and there topic was Free space optics.They explain about the usage,requirement,futures of the topic. Free Space Optics (FSO), also known as optical wireless communication or optical wireless networking, is a communication technology that uses modulated beams of light to transmit data wirelessly through free space instead of using physical cables or fiber optics.

Questions:

Sadiq:Can we use the technology in underwater?

Feedback:

Need to improve the presentation.

Fourth Team was Rakesh and Sadiq and there topic was Li-Fi.We are explaining about LIFI,feature,acopes,advantages and disadvantages,conclusion for the topic. Li-Fi, or Light Fidelity, is a wireless communication technology that uses visible light, infrared signals, or ultraviolet light for data transmission. Li-Fi is an alternative or complementary technology to traditional radio frequency communication technologies like Wi-Fi.

Questions:

Deepak:whats the max speed for the Lifi Connection.

Feedback:

Need to improve.

Fifth Team was Midhun and Nishanth and there topic was SDLC(Software Development Life Cycle).They explain about importance for the SDLC.Planning,requirement,designing,deployment SDLC stands for Software Development Life Cycle. It is a systematic process for planning, creating, testing, deploying, and maintaining information systems and software. The goal of SDLC is to produce high-quality software that meets or exceeds customer expectations, is delivered on time and within budget, and follows a structured and standardized

development process.

Feedback:

Sadiq:Both of are not looking to everyone,need to improve the presentation.

Sixth Team was Vishnu and Rahith and there topic was Paper Battery.They explain about how it differ from the normal battery.A paper battery is a type of flexible and environmentally friendly energy storage device that integrates a thin, flexible paper-like substrate with energy storage components. These batteries are an innovative alternative to traditional rigid batteries and can be lightweight, flexible, and biodegradable.

Feedback:

Sanjay:Presentation as well and correctly explain about the topic

Seventh Team was Nazrin and Sanjay and there topic was Hadoop.They explain about the topic. Apache Hadoop is an open-source framework designed for the distributed storage and processing of large datasets across clusters of computers. It provides a scalable, fault-tolerant, and cost-effective solution for handling big data. Hadoop is part of the Apache Software Foundation and is widely used in various industries for processing and analyzing massive amounts of data.

Feedback:

Anfas:Presentation as well and correctly explain about the topic.Good presentation

Eight Team was Anfas and Shinjo and there topic was Low Energy Wireless.They explain about the technology. "Low Energy Wireless" typically refers to wireless communication technologies designed to minimize energy consumption, making them suitable for devices with power constraints, such as battery-operated devices,

sensors, and Internet of Things (IoT) devices. These technologies prioritize energy efficiency over high data transfer rates and are optimized for scenarios where devices need to operate on limited power resources for extended periods.

Questions:

Rakesh:How its work?

Deepak:How it manage huge data storage

Feedback:

Midhun:Good presentation and interactive session.