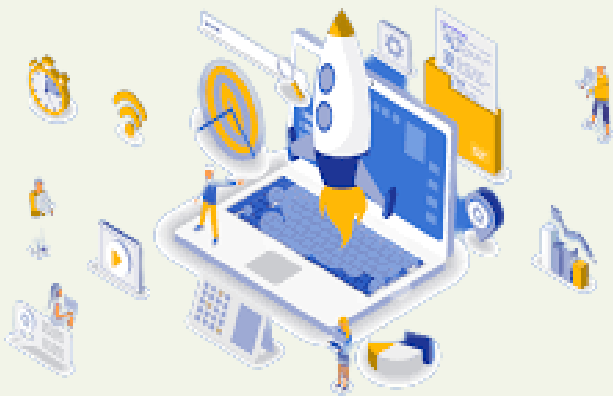# BGIET

NEWSLETTER

VISION

To be a leading the modern technology that provides an innovative education to create leaders and developers, and bring about new knowledge for society and industry.

MISSION

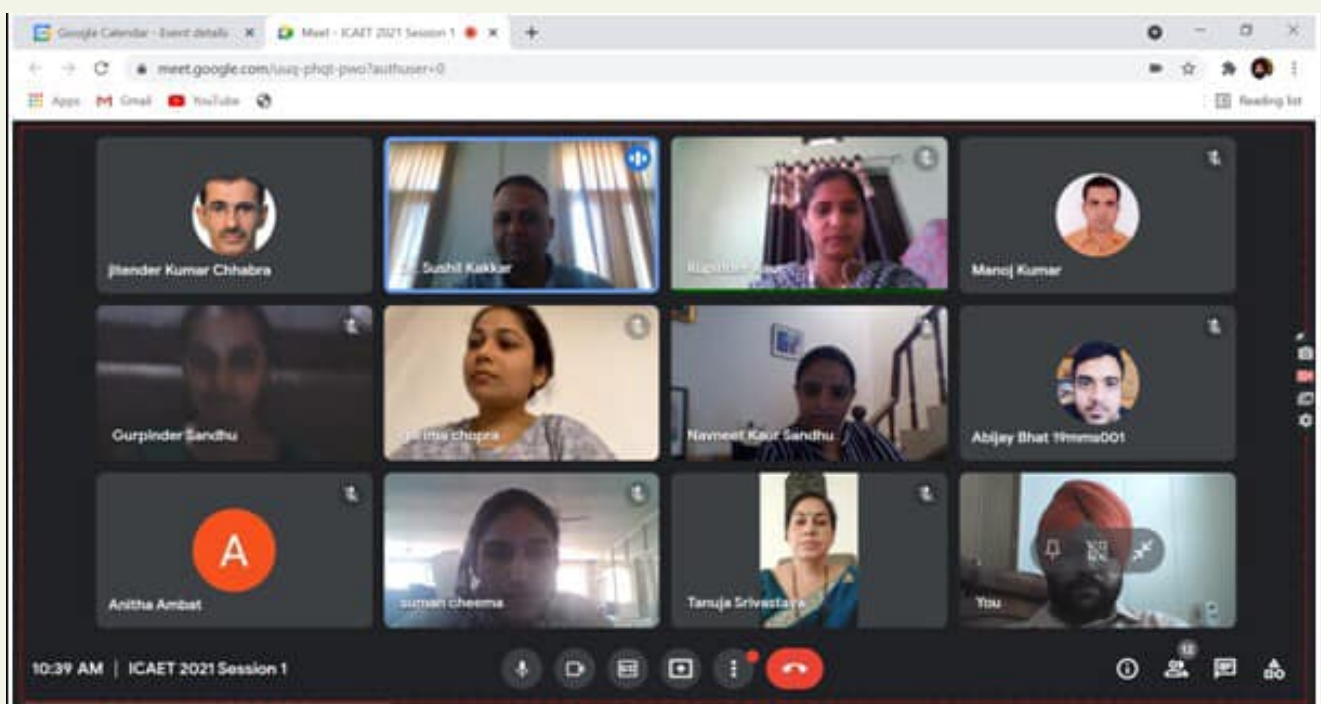|	
• *To provide an education that transforms students through creative work and by providing an understanding of the needs of society and industry.*	• *To explore the India and the World through greatness in scientific and technical education and research.*
• *To serve as a valuable resource for industry and society and remain a source of pride for all Indians.*	• *To make globally qualified graduates having imaginative skills and moral values keeping quickness with ever-changing technological advancements in the Information Technology.*

International Conference

BGIET HOSTS 9TH INTERNATIONAL CONFERENCE on 25,26 June 2021

With kind support of our worthy chairman, Dr. Guninderjit Singh Jawandha and under the able leadership of Dr. Tanuja Srivastava, Director, Bhai Gurdas Institute of Engineering and Technology, Sangrur, (IT) has successfully conducted the Technical Session of 9th International Conference on Advancements in Engineering and Technology ICAET 2021 in the presence of eminent speaker and Expert Dr. Jitendra Chhabra, Professor, Computer Engineering, NIT Kurukshetra.
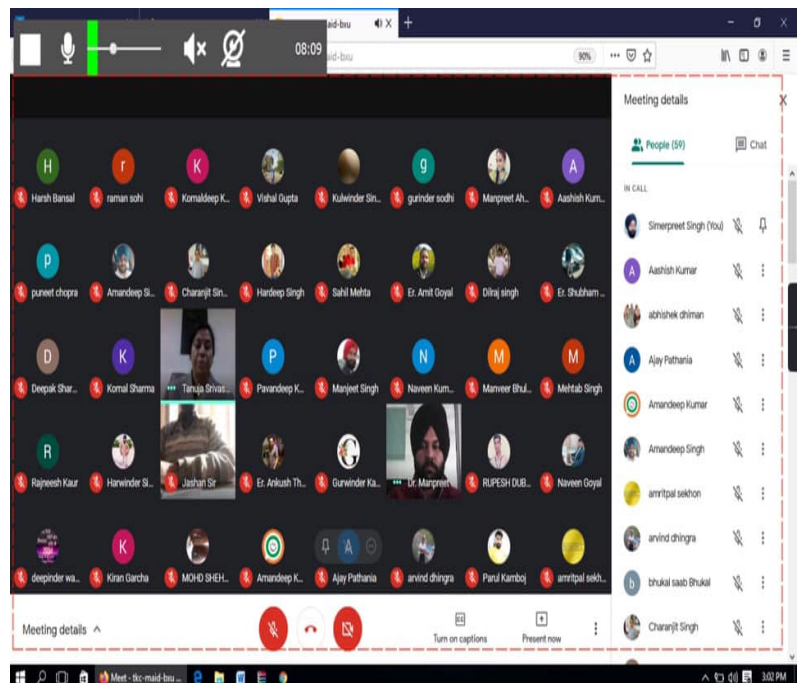
DEPARTMENT OF IT

NEWSLETTER

ONLINE SEMINAR ON E-LEARNING

Distance learning became the top 2020 edu-cational technology trend overnight because of the rapid spread of COVID-19 and school closures. This led to a rising demand for online educational platforms. eLearning is education or training delivered electronically. It can be slide-based online activities, or it can also be an online course that helps a business train employees in necessary skills.

With e-learning, educational content is delivered to learners through computers, laptops, tablets, or smart phones. Not only saving time but opening many doors for interactive learning. Rather than being in a passive experience, learners can choose what they need to learn quickly and easily, wher ever they are. They also learn through interacting directly with on-screen information through, for instance, dragging content from one place to the next. Moreover, the decision-making scenarios in e-learning, also encourage learners to make their own choices on what they will learn next.

In e-learning, learners just soak in knowledge through reading or viewing content, it changes the way education is delivered. Also, many e-learning, courses include animation, podcasts, and videos that create a multi-modal and practical learning experience.

The last point is, although e-learning,has been around for a long time, it is staying green and continu ously developing. Educators are using the advantages of technology to make learning more effective. That's why more and more Online and blended learning courses are produced nowadays.
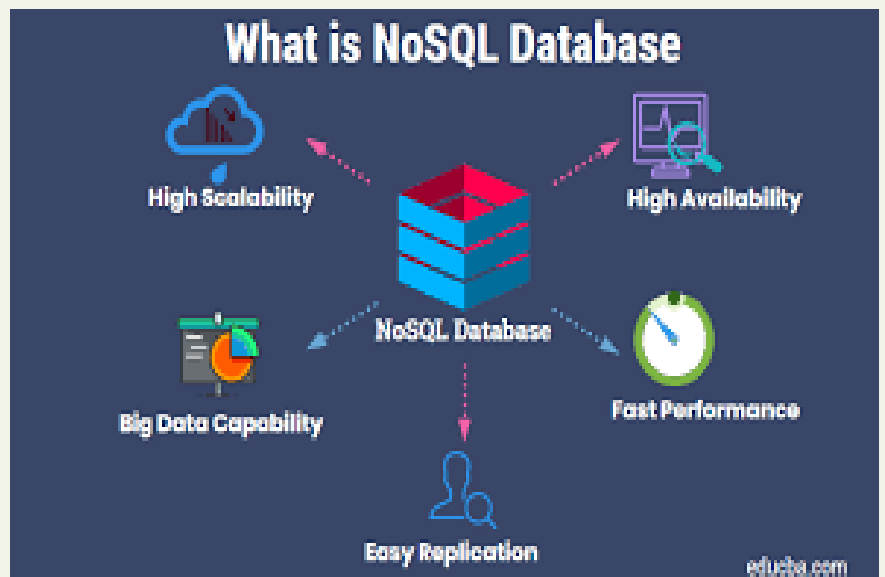
LAB SESSION ON NOSQL

Allumaze Infotec Pvt.Ltd.

NoSQL databases (not only SQL) are non-tabular databases and store data differently than relational tables. NoSQL databases come in a variety of types based on their data model. The main types are document, key-value, wide-column, and graph. They provide flexible schema and scale easily with large amounts of data and high user loads.

NoSQL database features

- Flexible schemas
- Horizontal scaling
- Fast queries due to the data model
- Ease of use for developers

NoSQL databases emerged in the late 2000s as the cost of storage dramatically de creased. Gone were the days of needing to create a complex, difficult-to-manage data model in order to avoid data duplication. Developers (rather than storage) were be-coming the primary cost of software development, so NoSQL databases optimized for developer productivity.
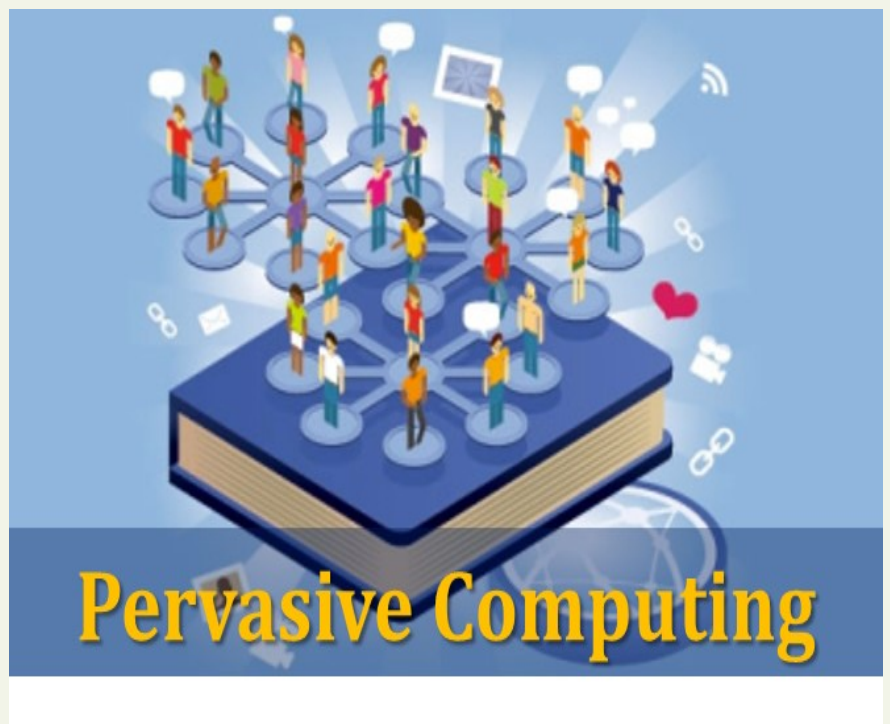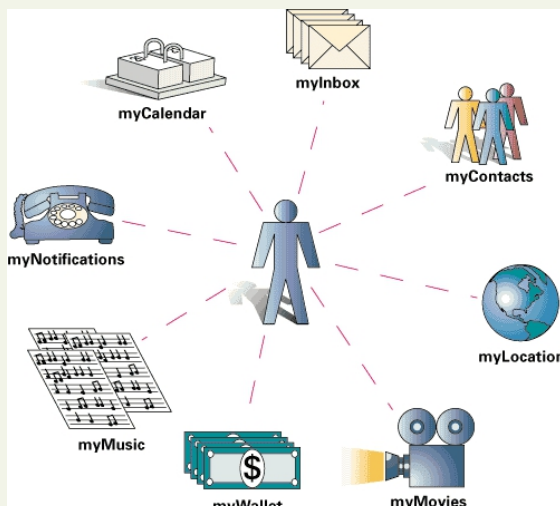
DEPARTMENT OF IT
Online Guest Lecture on Pervasive

Pervasive computing, which is also known as ubiquitous computing, is defined as the use of computerized technology through various devices in various settings around the clock. This means that most people now use different devices, such as smart phones and devices, to access, share, upload and post information via technology platforms and solutions.

Pervasive computing creates an unobtrusive environment with full and integrated Internet connectivity.

A combination of technologies is used to make pervasive computing possible, such as Internet capabilities, voice recognition, networking, artificial intelligence and wireless computing. Pervasive computing devices make day-to-day computing activities extremely easy to access. Pervasive computing also has a number of prospective applications, which range from home care and health, to geographical tracking and intelligent transport systems.

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NEWSLETTER

HOLI CELEBRATION

Bhai Gurdas Institute of Engineering and Technology (BGiet) is a renowned educational institution located in Sangrur, Punjab, India. The institute has a diverse student community, comprising individuals from various cultural and ethnic backgrounds. The institute celebrates several festivals, and Holi is one such festival that is celebrated with great enthusiasm and zeal.

Holi is a popular festival celebrated across India and marks the arrival of spring. The festival is popularly known as the "Festival of Colors" as people throw colored powders and water at each other to celebrate the occasion. The festival signifies the victory of good over evil and strengthens the bonds of friendship and love.

At BGiet, Holi is celebrated with great enthusiasm and spirit. The festival is celebrated on the institute's campus, and students and faculty members come together to participate in the festivities. The celebrations usually start with a Holi puja or a prayer ceremony. The puja is performed by the institute's priest, who chants mantras and offers prayers to Lord Krishna, the deity associated with the festival.