



Vidya Vikas Education Trust's

Universal College of Engineering

Accredited with B+ Grade by NAAC

(Permanently Unaided | Approved by AICTE, DTE & Affiliated to University of Mumbai)

Gujarati Linguistic Minority Institution

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An Initiative By



Department of Information Technology

#Satyavachan



GIVE YOURSELF TIME TO BLOOM

Staff Coordinators:

- Ms. Shraddha Sandimani
- Mrs. Mudra Doshi

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Data privacy as a discipline: How this modern framework improves the safety of your IT systems

Organizations value the protection and privacy of their data and control who has access to it. They certainly do not want their sensitive information to be privy to cyber criminals or their competition. If an organization's security system is weak, it makes the hacker's task to extract all confidential information very easy.

The collection and utilization of private data by organizations are on the rise. The user data is gathered through various means such as surveys, voluntary sharing of information by clients and websites tracking client engagement systems. This rampant collection and usage make it imminent for organizations to secure the data. Therefore, the privacy of information and data is a crucial aspect of information technology systems. It is required to prevent any spillage of private data.

Improvement in the safety of IT systems

In recent years, advancement in technology is providing organizations with a more secure system to protect their sensitive information and data. If these technologies are integrated into the systems properly, it will provide protection against cyber-criminal activities and also against human error and insider threats. Ways modern technology has improved IT systems are -

1. Data discovery and Classification of tools:

Sensitive and confidential information may reside in unstructured or structured data repositories, which can include databases, cloud environments and data warehouses. With the help of data detection and classification solutions, it can automate the procedure of identifying critical information, as well as evaluate and rectify any vulnerability.

2. Activity monitoring of Data:

Activity monitoring tools analyze and evaluate data usage patterns, spot anomalies, enable security teams to supervise who is accessing the data, and identify risks. Alerting and notifications integration helps to notify about abnormal activities.

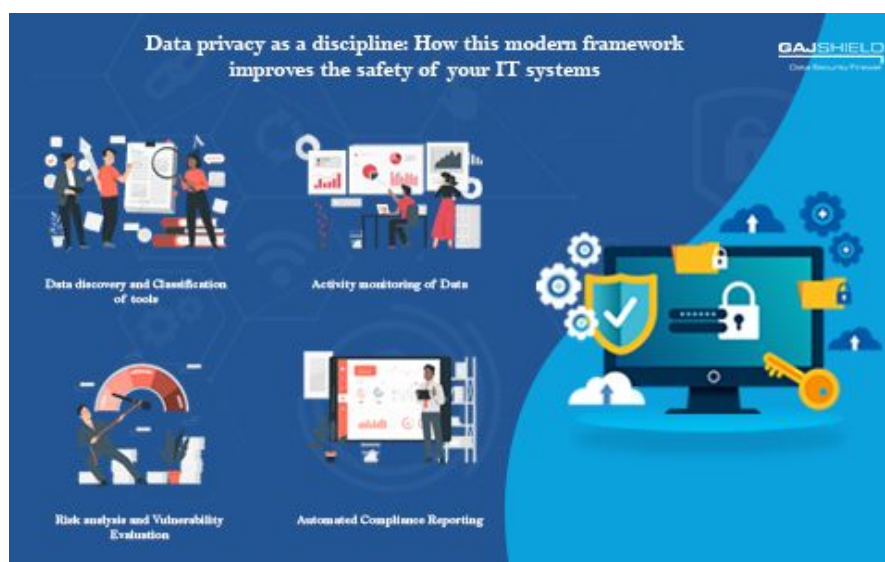
3. Risk analysis and Vulnerability Evaluation:

These solutions provide ease to the process of detecting and mitigating any vulnerability such as - weak passwords, misconfiguration, or out-of-date software. It also identifies and locates data information which is at great risk of exposure.

4. Automated Compliance Reporting:

Comprehensive data protection methods with capabilities of automated reporting provide a centralized repository for organization-wide compliance audit trails.

The best practice companies can use to adopt data privacy discipline is to include a holistic approach toward data protection. They should have a clear understanding of all of their sensitive data and information. In a world where everything relies on data, figuring out measures to keep data private and secure is a significant feat. Companies can also hire a reputed firm with high capabilities in security and privacy tasks and create robust security infrastructure for their business and clients



Source:

<https://gajshield.com/index.php/resources/gajshield-blogs/314-data-privacy-as-a-discipline-how-this-modern-framework-improves-the-safety-of-your-it-systems>

- MR. AKSHAY AGRAWAL
(Assistant Professor)

Importance of Virtual Reality in the modern world

What is the importance of virtual reality in the modern world?

Experiencing things that have no existence through the computers is now possible with VR technology! Virtual Reality is a trending technology that gives excellent scope to diverse businesses to take a leap and simulate physical presence in the real world as well as the imaginary world. This immersive technology creates a computer-simulated environment, and the advancements offer cutting-edge solutions. The cutting-edge technology crossed the barriers and diverse industrial verticals embrace the technology to create new marketing and communicating strategy. Virtual Reality technology, of course, lifted the gaming experience to an advanced level but, not limited within the gaming industry! The importance of Virtual Reality spreads across the world involving businesses from diverse fields. VR technology offers a new path to success in the modern world.

Virtual reality technology is beyond the current technology: Virtual Reality technology entered the new realms stepping beyond the current technology. Common people are now able to access and enjoy the benefits of VR technology. VR doesn't get restricted within the tech enthusiasts. VR technology has taken the tech world by storm and altered the expectations and imaginations of the tech enthusiasts. Virtual Reality creates an artificial environment with software. The artificial environment gets presented to the audiences in a way which encourages them to accept and believe it as a real environment. VR technology creates primary experience focusing on two senses, i.e., vision and sound.

Virtual Reality Technology immerses the audiences or users into the virtual world generated by the computer. Apart from the simple concept of creating an artificial environment with VR technology, it will be helpful to learn and understand the technology behind the immersive technology. Understanding the basic terminology of VR technology will broaden mind and one can understand that VR is far beyond head-mounted display or virtual gaming experience!

Virtual Reality simulates the vision with a perfect approach towards creating an impressive 3D environment. Apart from creating imagery VR experiences, VR technology completely engrosses the virtual environment with certain other elements. The impact of sound perfectly syncs with the visuals creating engaging effects. The users get assurance on the virtual environment using a headphone and 3D sound effects. There must be a consistency between sound and the graphics.

Source: <https://creware.asia/importance-virtual-reality-holds-modern-world/>

- Ms. SHRADDHA SANDIMANI
(Assistant Professor)

NON TECHNICAL ARTICLES

22nd September – 4th October – NAVRATRI 9 DAYS

Navratri, (Sanskrit: “Nine Nights”) in full Sharad Navratri, Navratri also spelled Navaratri, in Hinduism, major festival held in honour of the divine feminine. Navratri occurs over 9 days during the month of Ashvin, or Ashvina (in the Gregorian calendar, usually September–October). It often ends with the Dussehra (also called Vijayadashami) celebration on the 10th day. In some parts of India, Dussehra is considered a focal point of the festival, making it effectively span 10 days instead of 9. There are four similar festivals, also called Navratri, which are held at various stages of the year. However, the early autumn festival, also called Sharad Navratri, is the most significant. It begins on the same day as Durga Puja, a 10-day festival devoted to the victory of the goddess Durga, which is particularly celebrated in certain eastern states.

Navratri is celebrated differently in India’s various regions. For many people it is a time of religious reflection and fasting, while for others it is a time for dancing and feasting. Among fasting customs are observing a strict vegetarian diet and abstaining from alcohol and certain spices. Dances performed include garba, especially in Gujarat. Typically, the festival’s nine nights are dedicated to different aspects of the divine feminine principle, or shakti. While the pattern varies somewhat by region, generally the first third of the festival focuses on aspects of the goddess Durga, the second third on the goddess Lakshmi, and the final third on the goddess Sarasvati. Offerings are often made to the goddesses and their various aspects, and rituals are performed in their honour. One popular ritual is Kanya Puja, which takes place on the eighth or ninth day. In this ritual nine young girls are dressed as the nine goddess aspects celebrated during Navratri and are worshipped with ritual foot washing and given offerings such as food and clothing.

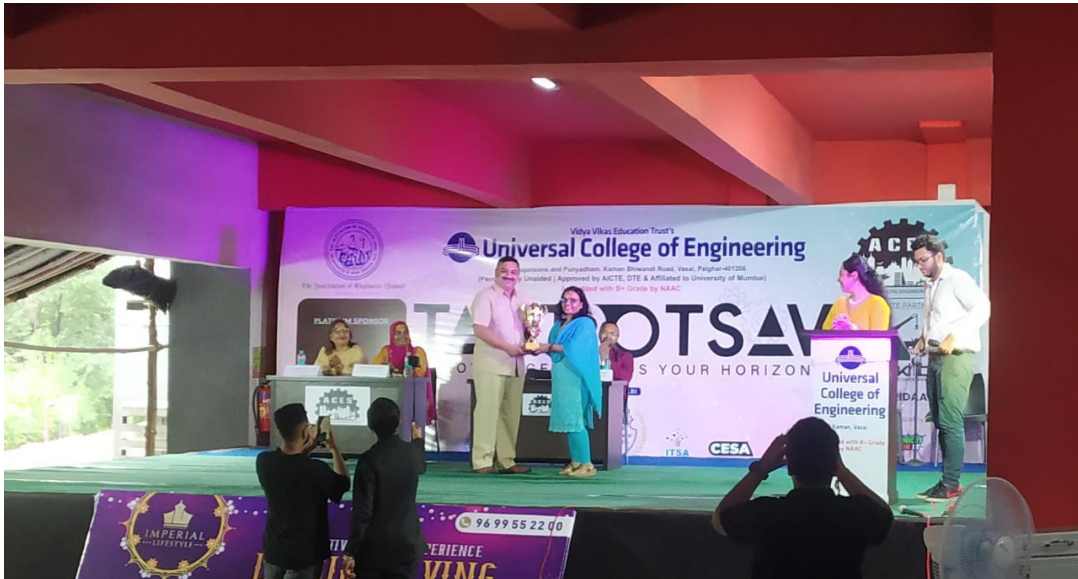
Source : <https://www.britannica.com/topic/Navratri>



**- MRS. MUDRA DOSHI
(Assistant Professor)**

ACHIEVEMENTS

Congratulations



***TANTROTSAV DEPARTMENTAL TROPHY -
ENGINEERS DAY - 15TH SEPTEMBER***

ACHIEVEMENTS

ENGINEERS DAY - 15TH SEPTEMBER 2022 - TANTRAOTSAV EVENT



***TANTROTSAV MINI HACKATHON WINNERS : CHINTAN
DEVANI, MANN KANSE, BHAVIN DIVECHA, MANTHAN JADHAV***



***TANTROTSAV BLIND CODING
WINNER :***

SHUBHKUMAR SHAH



EVENTS ORGANIZED



PITCH PERFECT – E-Cell Business model competition on 28th September

***Experience the Shark Tank in real life as live audience for the first time.
Venue: Seminar hall, Room no: 122, Timing: 10:30AM***



Drone Awareness organized by CSI UCOE on 21st September 2022

Introduction to drone awareness session was the introductory session to aware the students get trained in the most cutting edge technology for tomorrow in the field of Ariel autonomy and possibilities for the job markets in the future with the drone industry.

EVENTS ORGANIZED



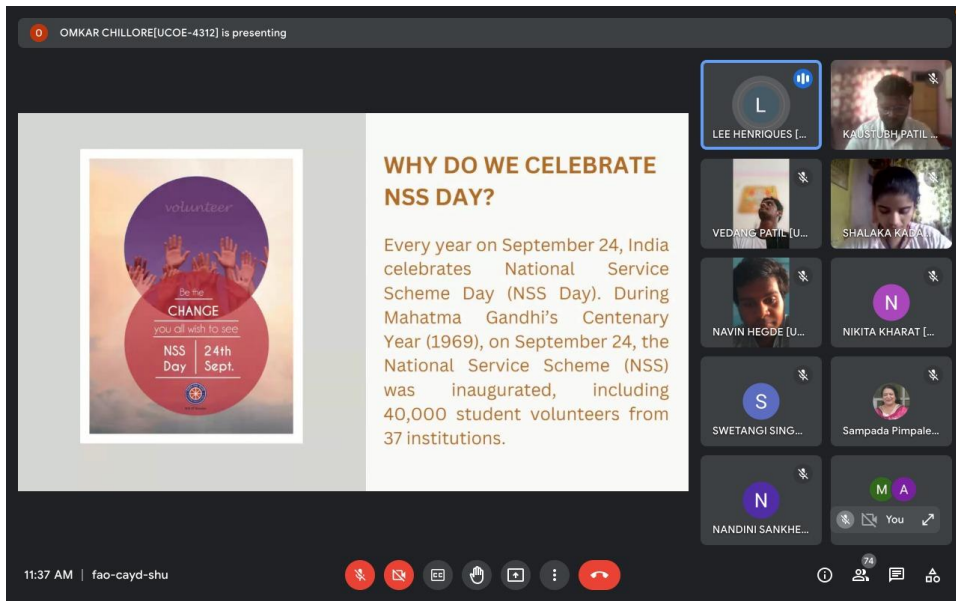
***SPEED
DEBUGGING***

***WEB APP
DEVELOPMENT***



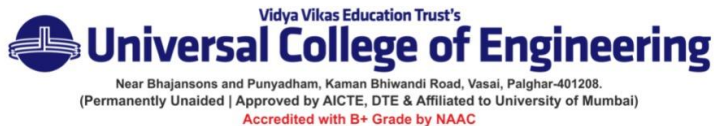
CSI UCOE INSTALLATION ON 22nd SEPTEMBER

EVENTS ORGANIZED



53rd NSS Event - NSS AWARENESS DAY on 24th SEPTEMBER

UPCOMING EVENTS





NCRYPTED
presents



Speaker:

BIPIN YADAV

**NETWORK RECON
SCANNING AND
FOOTPRINTING**

OCTOBER 12, 2022
11:30 AM
SEMINAR HALL (112)

REGISTER HERE: [HTTPS://FORMS.GLE/VQBYSVT6302CXKML7](https://forms.gle/VQBYSVT6302CXKML7)



UPCOMING EVENTS



Vidya Vikas Education Trust's
Universal College of Engineering
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Accredited with B+ Grade by NAAC | Recognized as Linguistic (Gujarati) Minority Institution
Kaman Bhiwandli Road, Survey No. 146 (Part), Village Kaman, Taluka Vasal, District Palghar - 401208, Ph: 8007478659

DTE Code: 3460



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CYBER SECURITY HANDS-ON WORKSHOP

RECON AND EXPLOITATION

ORGANIZED BY:

CSI Unit of UCOE

SPEAKERS: Mr. Het Vikam
Mr. Shivang Trivedi

Fee - 100/- (non-CSI members)
Free for CSI members.

Venue - Room 315 & 316
Time - 11:30pm to 1:30pm
10TH OCT, 2022



Scan for registration



 csi_ucoe

 csi_ucoe

UPCOMING EVENTS



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UCOE
STUDENTS'
COUNCIL

Students' Council of
Universal College of Engineering presents

TAHUKO

2022

1st October, 2022

Inviting all **Students** and **Faculties** of
Universal College of Engineering

EVENTS
9:15 am onwards

AARTI & GARBA
11:30 am to 4:00 pm

Last Date to Register:
25th September

#Tahuko2k22



Scan to
Register

Organizing Team
Dr. Teena Trivedi | Mrs. Neha Shah | Mrs. Komal Jain

Scan for previous edition

You can send your articles to the following email id:

mudra.doshi@universal.edu.in

shraddha.sandimani@universal.edu.in

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