



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

Volume 05 | Edition 02 | September 2022



*An Initiative By*

**ITSA**

*Department of Information Technology*

## #Satyavachan



When you pray for rain, you gotta deal with the mud too.

**Staff Coordinators:**

- Ms. Shraddha Sandimani
- Mrs. Mudra Doshi

## TABLE OF CONTENTS

**TECHNICAL ARTICLES**

**NON TECHNICAL  
ARTICLES**

**ACHIEVEMENTS**

**EVENTS ORGANISED**

**UPCOMING EVENTS**

## TOP 4 SMARTPHONES LAUNCHED IN AUGUST 2022

*In the month of August, there were numerous smartphones that were all set to launch. These were the smartphones that consumers eagerly looked forward to.*

### **Samsung Galaxy Z Fold 4:**

This August 10, the Samsung Galaxy Z Fold 4 will receive an update. The phone's design has just been revealed, and it might not appear all that different from the previous version. However, it is rumored to cost less than the Z Fold 3 model.

Similar to the future Samsung Galaxy S23 series, it is expected to use Snapdragon 8+ Gen 1.

**Expected price:** Rs. 1,30,000

### **OnePlus 10T:**

On August 3 in India, the OnePlus 10T will be unveiled. This time, OnePlus has decided to forego the OnePlus 10 in favour of the OnePlus 10T.

According to rumours, the OnePlus 10T will have a Snapdragon 8+ Gen 1 SoC. Additionally, it has a 6.7.

The presence of a 50MP Sony IMX766 sensor with OIS has been verified. This configuration will likely include the standard 8MP ultra-wide and 2MP auxiliary sensors that we also saw in the OnePlus 10 Pro.

Like the OnePlus 10R, the ultra-rapid 150W fast charging will also be available and a 4,800mAh battery in the other.

**Expected price:** Rs. 50,000

### **iQoo 9T:**

The iQoo 9T will debut on August 3 in India, according to iQoo. After the Rog Phone 6, it is the second phone in India to use a Snapdragon 8+ Gen 1 SoC. But this phone may be the first to go on sale.

This is allegedly a rebranded version of the newly released iQoo 10 in China. A 6.78-inch Full HD+ AMOLED display with a 120Hz refresh rate will be one of the highlights. A 50MP triple camera arrangement will also be present on the rear. A 4,700mAh battery that is charged by a 120W fast charger will power the phone.

**Expected price:** Rs. 50,000

### **Samsung Galaxy Flip 4:**

On August 10, the Galaxy Unpacked event is set, and Samsung Galaxy Z Flip 3 will also receive an update.

There won't be any design changes between the Samsung Galaxy Z Flip 4 and the previous version. Additionally, it is anticipated to be less expensive than its predecessor.

**Expected price:** Rs. 90,000

**Source:** <https://content.techgig.com/gadgets/top-5-smartphones-launching-in-august-check-details-here/articleshow/93273986.cms>

- MR. AKSHAY AGRAWAL  
(Assistant Professor)

## IMPORTANCE OF EMERGING TECHNOLOGIES

Emerging technologies play a vital role in the modernization of industries. New technologies help in transforming enterprises into a digital world. This technology is mainly helpful in manufacturing, energy and mobility markets. Whenever the word technology comes, there is always something new and the hunt to develop and implement a new technology that could enhance businesses is obstinate. The curiosity to know and seek knowledge about the technology and how it will impact the daily lives of the human species. Several years ago, people never heard about social, mobile, cloud, etc. and that the technologies will rule our lives. The accelerated growth of users' needs and their expectations to interact in real-time scenarios on these applications has disrupted the business ecosystem. These technological headways play an influential role to face the challenges of the global world. These emerging technologies have the indeterminate power to strengthen lives, transform the global economic scenarios and make this world a better place for the upcoming and future generations.

List of Latest technologies:

1. **Artificial Intelligence:** AI is an emerging engineering branch and why it can provide you with a job easy and secure. Artificial Intelligence is the future of humans, industries as well as organizations. Artificial intelligence is working as an integral part of many industries. Artificial Intelligence shows a huge prospective to automate business, make intelligent decisions, understand the market need, and effectively utilize available resources.
2. **Big Data:** As the amount of data is increasing at a rapid pace. So the big data comes into existence and plays a vital role. Big data is a simple and effective method. It is an excellent way to collect, organize and comprehend the data for the benefit of businesses. Big data technology involves building massive data architectures to manage and analyze unstructured data and offer real-time value for the company.
3. **Machine Learning:** It is a part of AI that enables self-learning from data and then applies that learning without human intervention. Machine Learning is used in many real-life scenarios such as online fraud detection, traffic prediction, automatic language translation, Email spam filtering and many more.
4. **IoT:** IoT is seen as the change agent for the deluxe and practical lifestyle for the consumers, offering precious customer interactions and outstanding experiences. IoT is one of the most exciting areas of focus today. The idea turns around the nano-sensors circulating in the human body or any specific object. Once connected with the technology, this will have a proliferating impact on the various sectors such as medicine, agriculture, architecture etc.

Source: <https://www.iimtindia.net/Blog/importance-of-emerging-technologies/#:~:text=Emerging%20technologies%20play%20a%20vital,manufacturing%2C%20energy%20and%20mobility%20markets>

**- MS. SHRADDHA SANDIMANI**  
(Assistant Professor)

## ENGINEERS DAY – 15<sup>TH</sup> SEPTEMBER

Bharat Ratna Mokshagundam Visvesvaraya's birthday on September 15 is celebrated as Engineers' Day in India. Sir M Visvesvaraya contributed significantly to the field of engineering and education. He is considered among the greatest nation-builders who played a crucial role in constructing dams, reservoirs and hydro-power projects of modern India. Sir M Visvesvaraya oversaw the construction of several architectural marvels as chief engineer, including the Krishna Raja Sagar dam in Karnataka and the flood protection system of Hyderabad.

### Engineers' Day: Significance

In 1903, Sir M Visvesvaraya designed and patented automatic barrier water floodgates. Also called Block System, it had automated doors that close in the event of water overflow. It was first installed at the Khadakvasla reservoir in Pune.

Born in a small village near Chikkaballapur in Karnataka in 1861, Sir M Visvesvaraya studied Bachelor of Arts at Madras University and did his civil engineering from Pune's College of Science. In 1917, he established the Government Engineering College, now known as Bengaluru's University Visvesvaraya College of Engineering.

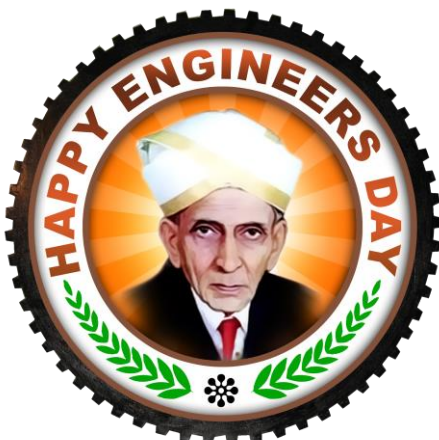
### Sir M Visvesvaraya As Role Model

Following a catastrophic flood in 1908 in Hyderabad, the then Nizam requested Sir M Visvesvaraya's services to design a drainage system and protect the city from flooding. The engineer proposed the construction of storage reservoirs and also built a sewage farm outside the city to prevent pollution of the Musi river that flows through Hyderabad.

### Sir M Visvesvaraya's Awards

Sir M Visvesvaraya received the Bharat Ratna in 1955 and was also conferred the British knighthood. He served as Diwan of Mysore from 1912 to 1918. On Engineer's Day, the nation pays tribute to Sir M Visvesvaraya.

Source: <https://www.ndtv.com/india-news/engineers-day-2021-date-history-and-significance-of-mokshagundam-visvesvaraya-birthday-2540584>



- MRS.. ROVINA D'BRITTO  
(Assistant Professor)

## ***NON TECHNICAL ARTICLES***

### **5<sup>TH</sup> SEPTEMBER - TEACHERS DAY**

Teachers' Day marks the birth anniversary of Dr Sarvepalli Radhakrishnan. Born on September 5, 1888, Dr Radhakrishnan was the first Vice-President of India and the second President of India. Dr Radhakrishnan is well-known for his notable work as a teacher, philosopher and scholar. Since 1962, September 5 has been celebrated as Teachers' Day in India to honor Dr Radhakrishnan's remarkable approach toward education and students.

Dr. Sarvepalli Radhakrishnan was a friendly teacher and he was popular among his students for the example he always set in front of them. So, one day his students and friends requested him to allow them to celebrate his birthday in a lavish way. In return he said that it would be his pride and honor if they celebrate his birthday in respect of all teachers. And since then this day 5th September is celebrated as Teacher's Day.

Source: <https://www.fnp.com/article/teachers-day>



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

### **GANESH CHATURTHI**

Ganesh Chaturthi, also called Vinayaka Chaturthi, in Hinduism, 10-day festival marking the birth of the elephant-headed deity Ganesha, the god of prosperity and wisdom. It begins on the fourth day (Chaturthi) of the month of Bhadrapada (August–September), the sixth month of the Hindu calendar.

At the start of the festival, idols of Ganesha are placed on raised platforms in homes or in elaborately decorated outdoor tents. The worship begins with the pranapratishta, a ritual to invoke life in the idols, followed by shodashopachara, or the 16 ways of paying tribute. Amid the chanting of Vedic hymns from religious texts like the Ganesh Upanishad, the idols are anointed with red sandalwood paste and yellow and red flowers. Ganesha is also offered coconut, jaggery, and 21 modaks (sweet dumplings), considered to be Ganesha's favourite food. At the conclusion of the festival, the idols are carried to local rivers in huge processions accompanied by drumbeats, devotional singing, and dancing. There they are immersed, a ritual symbolizing Ganesha's homeward journey to Mount Kailas—the abode of his parents, Shiva and Parvati.

Source: <https://www.britannica.com/topic/Ganesh-Chaturthi>



- **MRS. SANKETI RAUT**  
(Assistant Professor)



## ACHIEVEMENTS

# Congratulations



### *Smart India Hackathon team*

**Problem Statement ID - PK855**

**Problem Statement Title - Cyber Hygiene for Students**

Cyber Security is creating a lot of financial losses to companies because the current working generation is not aware about safety and precautions of CyberSpace. So people are prone to Cyber attacks and cause huge losses of company due to such attacks. Today's generation can be safe in this by introducing them to cyber hygiene via game based interactive learning.

#### **Abstract/Summary -**

Game based learning can be helpful and more interesting than traditional based learning. We can make children know about basic cyber attacks and how to stay safe in the cyber world by game based learning. We can make monetary loss substantially less and help be children more secure. Making them learn this as a topic or subject can lead this to become a boring topic but if we introduce it via Game and interactive learning Kids will be more keen to learn. This game can be useful for anyone with 12+ year.

## ***ACHIEVEMENTS***

### ***STUDENT'S INTERNSHIPS***

<b><i>SR.NO</i></b>	<b><i>NAMES</i></b>	<b><i>YEAR</i></b>	<b><i>COMPANY</i></b>	<b><i>DESIGNATION</i></b>
1	SAURABH SHINDE	BEIT	VOXCO	WEB DEVELOPER
2	SHAIKH ABDUL KABIR	BEIT	DSIGMA	BACKEND DEVELOPER
3	SOHENDAR RANA	BEIT	ZOPEUS	FLUTTER DEVELOPER
4	ADARSH SENGHANI	TEIT	DOBBY ADS	MERN STACK DEVELOPER
5	JAINAM JAGANI	TEIT	DLABS AUTOMATION	PROJECT ENGINEER

## ***EVENTS ORGANIZED***

<b><i>SR.NO</i></b>	<b><i>DATES</i></b>	<b><i>NSS EVENTS</i></b>
1	9 <sup>TH</sup> AUGUST	NATIONAL ANTHEM
2	10 <sup>TH</sup> AUGUST	SWACHHATA MOHIM
3	11 <sup>TH</sup> AUGUST	HISTORY OF VILLAGE AWARENESS
4	14 <sup>TH</sup> AUGUST	TREE PLANTATION
5	15 <sup>TH</sup> AUGUST	INDEPENDENCE DAY & PRABHAT PHERI
6	16 <sup>TH</sup> AUGUST	CULTURAL DAY
7	17 <sup>TH</sup> AUGUST	PATRIOTIC MOVIE DAY



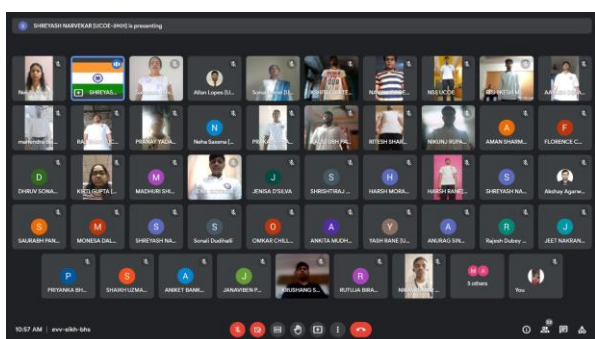
## EVENTS ORGANIZED



**AZADI KA AMRUT MAHAOTSAV**



**SWACHHATA MOHIM**



**NATIONAL ANTHEM**



**TREE PLANTATION**



**RCUCOE EVENTS – BAG DONATION & ORGAN DONATION DRIVE**



## EVENTS ORGANIZED

**CAREER GUIDANCE SESSION OPPORTUNITIES AS A SOFTWARE TEST ENGINEER WAS ORGANIZED ON Monday August 01st, 2022. 10.30 a.m. to 12.30 p.m IN COLLABORATION WITH TESTRIQ QA LA LLP.**



## UPCOMING EVENTS

**Universal College of Engineering**  
Vidya Vikas Education Trust's  
Near Bhagwan and Panydhani, Kanak Bhosani Road, Vasai, Palghar-401208  
(Permanently Unaided) | Approved by AICTE, DTE & Affiliated to University of Mumbai  
Accredited with ISO 9001:2015

invites you to participate in

**TECHNICAL EVENTS**

- TYPING
- LOGO QUIZ
- ROBO OBSTACLE
- ROBO RACE
- GEOGUESSER

**FUN EVENTS**

- TOUCH ME NOT
- TREASURE HUNT
- SELFIE MANIA
- GLOW CRICKET

**LAN EVENTS**

- CS GO
- VALORANT
- NFS MOST WANTED

**RULE BOOK**

SCAN TO VIEW

**REGISTRATION LINK**

SCAN TO REGISTER

**POCs**

ANIKET PATIL: 92602 91234  
MANN KANSE: 84528 81479  
SHIVAM BHATT: 96999 07490  
CHITRANK PITRE: 88984 81567  
CHINTAN DEVANI: 77159 95008

**BUS COORDINATORS**

SHUBHAM DIWADKAR (BORIVALI): 97695 35988  
NEMI SANGHVI (GOLDEN NEST): 74001 77796  
HARSH SURVE (VASAI): 88308 08598  
NEELOTPAL MONDAL (VIRAR): 93256 96083

**Junior VYRO**  
17th September, 2022  
An Inter-Collegiate Techfest for  
SCIENCE JUNIOR COLLEGES  
In Association with

Cash Prizes Worth Rupees  
**30,000/-**

@csi\_ucoe | @sc\_ucoe | @ucoekaman

## UPCOMING EVENTS

DTE CODE: 3460

**Universal College of Engineering**  
Vidya Vikas Education Trust's  
Near Bhajansons and Purnyadham, Kaman Bhiwandi Road, Vasai, Palghar-401208.  
(Permanently Unaided | Approved by AICTE, DTE & Affiliated to University of Mumbai)  
Accredited with B+ Grade by NAAC | Gujarati Linguistic Minority Institution

**The Institution of Engineers (India)**  
Belapur Local Centre

**TANTROTSAV**  
KNOWLEDGE EXPANDS YOUR HORIZONS

**Events**

**CIVIL:**

- Brain Buzzer
- Technical Tambola
- Build-a-Beam
- Urbania

**CMPN/IT/AIML/DE:**

- Mini Hackathon
- Tech Talk
- Speed Debugging
- Web App Development
- Blind Code (C++)



Trophy for Maximum  
Departmental Entry

**EXTC:**

- Robo Race
- Robo Obstacle
- Touch me not

**ARCHITECTURE :**

- Planevation
- Balancia
- Blow it get it

**DJ (After Valedictory)**

**FREE REGISTRATION**

**Thursday, 15<sup>th</sup> September 2022**  
**Starts at 09:30am**

**TOTAL CASH PRICE RS 19,500/-**

SCAN FOR REGISTRATION



**AS&H** Applied Science and Humanity

**CSSE** COMPUTER SOCIETY OF INDIA

**ITSA** Information Technology Students Association

**CESA** Computer Engineering Student Association

**ISA** International Society of Automation

**U.S.C.A** Universal Students Council of Asia

Scan for previous edition



You can send your articles to the following email id:

[mudra.doshi@universal.edu.in](mailto:mudra.doshi@universal.edu.in)

[shraddha.sandimani@universal.edu.in](mailto:shraddha.sandimani@universal.edu.in)

Follow us on:



ucoe\_mumbai



ucoe\_mumbai



itsa\_ucoe



itsa\_ucoe

**Kaman - Bhiwandi Road, Survey No. 146 (Part), Village: Kaman,  
Taluka: Vasai, District: Palghar – 401208.**

**For Internal Circulation Only**