**Vidya Vikas Education Trust's** 



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Gujarati Linguistic Minority Institution

CA Edition

Collee & Code;

An Initiative by the Department of Computer Engineering

## **VISION**

To be recognized as a department that provides quality technical education and research opportunities that eventually caters to helping and serving the community.

## **MISSION**

- To groom the students to participate in curricular and co-curricular activities by providing efficient resources.
- To motivate the students to solve real world problems to help the society grow.
- To provide a learning ambience to enhance innovations, team spirit and leadership qualities for students.

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# Prepared by:

DR.JITENDRA SATURWAR MRS. HEZAL LOPES

In Association with



(Computer Engineering Student Association)



**Our Previous Articles** 

## Orientation program to FE and DSE stduents.

Orientation Program for Direct second-year computer engineering, AIML, and DE admitted students was conducted on 21/12/2021 from 10 AM to 11 am in Library hall. and for the first year, it was on 26/12/2021.

Mrs. Silviya D'monte, assistant professor welcomes the students and introduced Dr. Jitendra Saturwar the Head of the Computer Engineering Department.

Dr. Jitendra Saturwar, Head of the Computer Engineering Department addressed the students in the orientation program. Sir started his session with Department's Vision and Mission. He gave a brief introduction of faculties, their research domains. He shared the computer department students' achievements in technology, sports, and culture. The Department of computer engineering is committed to supporting the students in curricular and extracurricular activities. His presentation included the placement, internship record of the department. He talked about the department quality initiatives like Project-Based Learning, EYIC participation, SIH participation. He also shared the skill development association with Oracle academy, ICT academy, and Coursera association.

Dr. Ekta Updhyay guided students with USP of UCoE. She elaborated to students how UCoE is consistently working on Skill development, placement, internship, entrepreneurship aspects. She guided students that being diploma students have an advantage as they are already learned technical skills. So she said students to utilize the skills and apply in project-based learning approach, IIT participation.

Mrs. Silviya D'monte introduced campus director Dr.Jitendra Patil and requested him to address students. Campus director Dr.Jitendra Patil enlightened the orienttion program by addressing the students. Sir welcome students in UCoE and give a brief about the college discipline, infrastructure, locker facilities, well-equipped laboratory, and Library facilities, and elaborated how UCoE is committed to delivering quality education to students. Students were happy to know all the information about UCoE, department, faculties, achievements. Mrs. Vishakha Shelke presented a Vote of Thanks to management, teaching, nonteaching faculties, and all participants and wish them all the best for their future in UCoE.



For Internal Circulation Only

#### **Students Achievement**

R.E.D. is Rotaract Entertainment Destination, where cultural level events are held at the district level, where thousands of participants come to participate in various competitions. RED 2021 was held on the campus of SNDT Women's College, Juhu. It was a two day event. The judges for various events were famous celebrities.



Runner Up in Quidditch.

Rtr. Aakash Varma
BE Comps
A game combination of handball and
athletics.



#### Red 2021:

Mock band: 2nd runner up Street play: 2nd runner up

Rtr. Mihir Parmar- BE Comps
Rtr. Harsh Patel- BE Comps

#### A.I. Here, There, Everywhere

a frigid morning.

to see it truly shine.

machine-learning models into lightweight "snow" today. software that can run on "the edge," meaning Increasingly, more of the media we consume will

Our interactions with technology will become from human composers and performers. increasingly personalized. Chatbots, for The research institute OpenAI has created of their own. But don't worry, the fever dreams in some cases are co-written by A.I. science today.

methods to use our data without actually seeing video games. it — so-called federated learning, for example — or encrypt it in ways that currently can't be Artificial intelligence is as abstract as thought, hacked.

visitors and that will be available to monitor us all the time, people who don't exist. if we want it. Ambient intelligence could recognize changes in behavior and prove a boon to older adults and their families.

"Intelligent systems will be able to understand the daily activity patterns of seniors living alone, and catch early patterns of medically relevant information," said Fei-Fei Li, a Stanford University computer science professor and a codirector of the Stanford Institute for Human-Centered Artificial Intelligence who was instrumental in sparking the current A.I. revolution. While she says much work remains to be done to address privacy concerns, such systems could detect signs of dementia, sleep disorders, social isolation, falls, and poor nutrition, and notify caretakers.

Many of us already live with A.I., an array of Streaming services such as Netflix or Spotify unseen algorithms that control our Internet- already use A.I. to learn your preferences and feed connected devices, from smartphones to you a steady diet of enticing entertainment. security cameras and cars that heat the seats Google Play uses A.I. to recommend mood music before you've even stepped out of the house on that matches the time and weather. A.I. is being used to bring old films into focus and bring black-But, while we've seen the A.I. sun, we have yet and-white into color and even add sound to silent movies. It's also improving streaming speed and Researchers liken the current state of the consistency. Those spinning animations that technology to cellphones of the 1990s: useful, indicate a computer is stuck on something may but crude and cumbersome. They are working soon be a relic of the past that people will recall on distilling the largest, most powerful with fondness, the way many of us do with TV

small devices such as kitchen appliances or actually be generated by A.I. Google's open-source wearables. Our lives will gradually be Magenta project has created an array of interwoven with brilliant threads of A.I. applications that make music indistinguishable

example, can be clumsy and frustrating today, MuseNet, which uses artificial intelligence to blend but they will eventually become truly different styles of music into new compositions. conversational, learning our habits and The institute also has Jukebox, which creates new personalities and even developing personalities songs when given a genre, artist and lyrics, which

of superintelligent machines taking over, like These are early efforts, achieved by feeding HAL in "2001: A Space Odyssey," will remain millions of songs into networks of artificial science fiction for a long time to come; neurons, made from strings of computer code, consciousness, self-awareness, and free will in until they internalize patterns of melody and machines are far beyond the capabilities of harmony, and can recreate the sound of instruments and voices.

Privacy remains an issue because artificial Musicians are experimenting with these tools intelligence requires data to learn patterns and today and a few start-ups are already offering A.I.make decisions. But researchers are developing generated background music for podcasts and

written in computer code, but people imagine A.I. embodied in humanoid form. Robotic hardware Our homes and our cars will increasingly be has a lot of catching up to do, however. Realistic, watched over with A.I.-integrated sensors. Some A.I.-generated avatars will have A.I.-generated security cameras today use A.I.-enabled facial conversations and sing A.I.-generated songs, and recognition software to identify frequent even teach our children. Deepfakes also exist, detect strangers. But soon, where the face and voice of one person, for networks of overlapping cameras and sensors example, is transposed onto a video of another. will create a mesh of "ambient intelligence," We've also seen realistic A.I.-generated faces of



## **Faculty Achievement**



Dr.Jitendra Saturwar

Name

has completed all coursework for the

## Prezi Certified Educator, Trainer

program

for a total of two (2) continuing education hours

has bound

17/12/2021

Date

#PreziVideoEDU

**Prezi Certified Educator, Trainer Program** 

DR.JITENDRA SATURWAR HAS SUCCESSFULLY COMPLETED COURSE WORK FOR THE PREZI CERTIFIED EDUCATOR, TRAINER PROGRAM

Mrs. Silviya Dmonte has completed a 5-day FDP on "Inculcating Universal Human Values in Technical Education."



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

RELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mrs. Hezal Rahul Lopes from Universal College of Engineering, Thane has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 8<sup>th</sup> November, 2021 to 12<sup>th</sup> November, 2021.

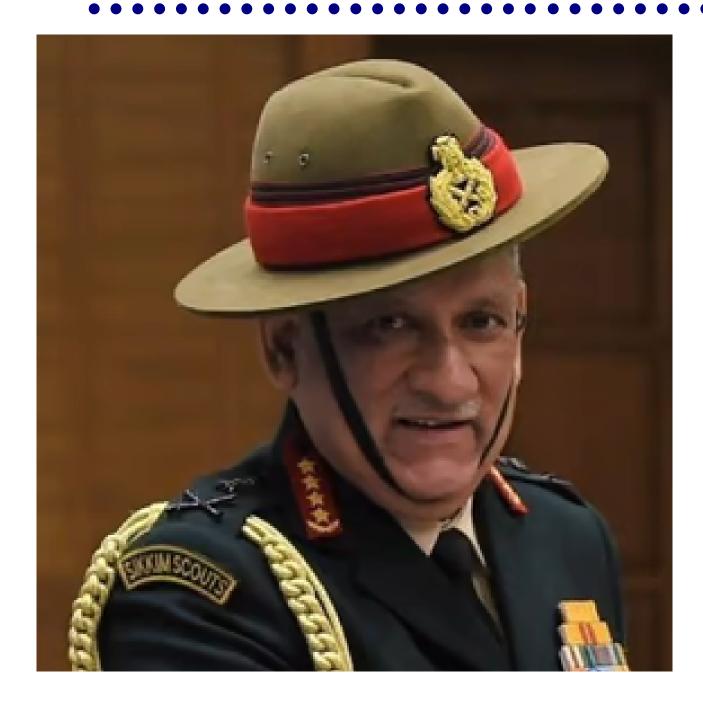
Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Mrs. Hezal Lopes has completed a 5-day FDP on "Inculcating Universal Human Values in Technical Education."

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## **General Bipin Rawat**



### Birth and Family:

Chief of Defense Staff General Bipin Rawat was born in Pauri, Uttarakhand. His father, Laxman Singh Rawat, served the Indian Army and rose to the rank of Lieutenant-General. His mother was the daughter of an ex-MLA from Uttrakhand's Uttarkashi.

#### **Education:**

to join the National Defence Academy, and the Indian Military Khadakwasla Academy, Dehradun, where he was honoured with the 'Sword of Honour'.

He was also a graduate of the Defence Services Staff College (DSSC), Wellington and the Higher Command Course at the United States Army Command and General Staff College at Fort Leavenworth, Kansas. He also held an M.Phil. degree in Defence diploma in as well as a Studies Management and Computer Studies from the University of Madras. For his research on military media strategic studies, he was honoured with a Doctorate of Philosophy by Chaudhary Charan Singh University, Meerut.

#### CDS Bipin Rawat: Military Career

On 16 December 1978, CDS Bipin Rawat was commissioned into the 5th battalion of the 11 Gorkha Rifles, the same unit as his father Laxman Singh Rawat. He spent 10 years conducting counter-insurgency operations and served on various ranging from Major to current CDS.

While serving on the post of Major, CDS Bipin Rawat commanded a company in Jammu and Kashmir's Uri. He commanded his battalion along the LAC at Kibithu as a Colonel. After getting promoted to the rank of Brigadier, he commanded 5 Sector of Rifles in Rashtriya Sopore multinational Brigade in a Chapter VII mission in the Democratic Republic of the Congo (MONUSCO), where he was honored Force Commander's twice with the Commendation.

Bipin Rawat took over as the General Officer Commanding 19th Infantry Division in Uri when he was promoted to the rank of Major General. As a Lieutenant General, he commanded III Corps, headquartered in Dimapur before taking over the Southern Army in Pune.

He received his formal education at He assumed the post of General Officer Cambrian Hall School in Dehradun and the Commanding-in-Chief (GOC-in-C) Southern St. Edward's School, Shimla and went on Command after being promoted to the Army Commander grade. After a short stint, he was promoted to the post of Vice Chief of Army Staff.

> He was appointed as the 27th Chief of Army Staff by the Government of India on 17 December 2016 and assumed office on 31 December 2016. He also served as 57th and last Chairman of the Chiefs of Staff Committee of the Indian Army. He was appointed as the first CDS on 30 December 2021 and assumed office on 1 January 2020.





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