



Vidya Vikas Education Trust's
UNIVERSAL COLLEGE OF ENGINEERING

Near Bhajansons & Punyadham, Kaman Bhiwandi Road, Vasai, Palghar-401208.

DTE code:3460

Linguistic (Gujarati) Minority Institution

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Linguistic (Gujarati) Minority Institution

ASHTAG#

APPLIED SCIENCES AND HUMANITIES

DEPARTMENT

**WE DON'T JUST
MARCH ON THE
FUTURE, WE
CHARGE IT**

LOIS MCMASTER BUJOLD
PICTUREQUOTES.COM

VISION

The Department of Applied Science and Humanities is committed to dynamically integrate the components of Science, Humanities and Engineering to groom students to transform them as globally acknowledged professionals.

MISSION

The department is carrying a mission to create and disseminate the knowledge and techniques in intellectual areas of Engineering and other core areas of Applied Science and Humanities for betterment of Eco system.

To inculcate the importance of Applied Science and develop a natural flair for Engineering and Technology which in turn shall mold students into a competent professional.

To be recognized for practicing the best teaching-learning processes to create highly competent, resourceful and self-motivated young Engineers for the benefit of the society.

IIT(BHU) VARANASI TECHNEX'20

Technex'20 is the annual techno-management festival of Indian Institute of Technology (BHU) Varanasi which was held from 14th Feb to 16th Feb. This was a national level event in which students from different states and cities had participated. We a group of thirteen students from Universal College of Engineering Vasai got the opportunity to participate in the technical event TECHNEX'20 organized by IIT BHU and are proud to bring accolades for our college. Two of our students' team who participated in the Goldberg's Alley and the SHE presentation competition won the first runner-up position in their respective events.

I have put down some of the memories of this visit.

Day 1

We boys were given the responsibility of carrying our material boxes and other equipment required for the competition. We had to struggle carrying boxes and luggage from our houses to the railway station and then again from railway station to our allotted coaches in the train.

Day 2

Early in the morning in the train we woke up with the news that our colleague, Ask's mobile was stolen. Aniket sir complained to the railway police but for no avail. We reached the campus late in the evening and by the time we settled in our respective hostels it was late in the night.

Day 3

In the morning Sourabh, another colleague of mine was injured while perfecting his model. He had to be taken to the hospital and given stiches. This caused lot of delay in constructing the model of Goldberg's Alley and the last minutes rushes caused clashes among us.



Day 4

Next day we had an argument with participants from a different College who allegedly copied the content which one of my colleagues had published earlier in the third round of the "SHE" event. The matter was not resolved though.

Later that afternoon everyone saw the "Army Weapon Exhibition". We were marvelled by the machinery and had a wonderful experience of holding the authentic army weapons in our arms.

Day 5

This the groups were divided on how to spend the day. We boys planned to participate in "Enquista", an astronomical quiz event while others choose to explore the campus.

In evening everyone enjoyed the trip to Varanasi City and had a delicious dinner.

Day 6

We packed our stuff and left the hostel in morning and reached Varanasi station by autorickshaw. But when we reached there, to our dismay, we got to know that the train was to arrive late by around 3 to 4 hours.

Day 7

In morning we got news that train was late by 10 hours due to some railway maintenance work. It made us increasingly restless as we were longing to reach home.

Finally, at around midnight all reached LTT (Lokmanya Tilak Terminus) and we returned home.

The trip was undoubtedly stressful and tiring, but we enjoyed a lot and had fun together. And what we got to learn from there was priceless.



Article by Abhishek Patra

FE B

Literary Corner

The Longest word in English is the 45 lettered

Pneumonoultramicroscopicsilicovolcanoconiosis

The word refers to a lung disease contracted from the inhalation of very fine silica particles, specifically from a volcano; medically, it is the same as silicosis.



Compiled by Marina Thomas

ENERGY TRANSFORMANIA

While few students made us proud in Varanasi few others made their mark in the Vyro event that took place in the college on 14 February 2020. About 18 students under the guidance of Mr. Aniket Patil and Mrs. Neha Shah attempted a contraption event that involved use of concepts of physics and mechanics. This contraption was named as Energy Transformania which presented 40-50 mechanism. It was greatly appreciated by the visitors of the Vyro event.



Compiled by Marina Thomas



Self-Sketch by Sumit Mundhe

FE A

GUJARAT

Tourism is very important for a country for the economy of the country as the tourism is the source of economy. As we know that tourists like to visit clean, attractive and safe places. Therefore, we need to invest first to attract tourists by keeping the places clean, safe and attractive. I would like to speak about the state of Gujarat.



Gujarat is very rich in terms tourism; the state is promoting tourism in larger scale. We all know that the great legend Mr. Amitabh Bachan is the brand ambassador of the state for tourism and we all have been listening the tagline quoted by him "Kuch din guzariye Gujarat me". The state has been organizing great events to promote tourism. The recent event that they had organized was in the Rann of Kutch, the white

desert of India, the scenery in the white desert with sun dawning is one the view everyone enjoys seeing. The festivals occur during winters, specially the carnival that is organized in the month of December, around 25th of December. This is the event where all the talent of Gujarat showcases their talent in front of all the visitors and is the great event which takes place in Ahmedabad Kakarla lake.

The other event is kite flying festival in which kites of different sizes, shapes are made and are flown in the sky and the whole state enjoys the festival and the sky is full of colours.



The state also has its natural and historic beauty, the GIR National park is worth seeing, coral beaches of Daman and Diu have picturesque view. The state also has historical importance, the heritage house in the state is worth viewing and the state also has many pilgrimage places , and how can we forget the festival of Navratri where all celebrate and pray to goddess for everyone and do Garba and Dandia which is a dance form and every one wait for the festival.

Recently Our prime minister

Mr. Modi made a statue of unity which the tallest statue in the world for now, which has become a major tourist spot for tourists.

Like this way government of Gujarat is promoting tourism of the state and I would suggest all of you to pay visit to this marvelous state.

Article by Yash Dave

FE A

PRESIDENT APJ ABDUL KALAM

India has produced many great personalities and one who is most inspiring to me is our Former President APJ Abdul Kalam. Do anyone know the full name of Abdul Kalam? Its Avul Pakir Jainullabdeen Abdul Kalam. A big name for a big reason.

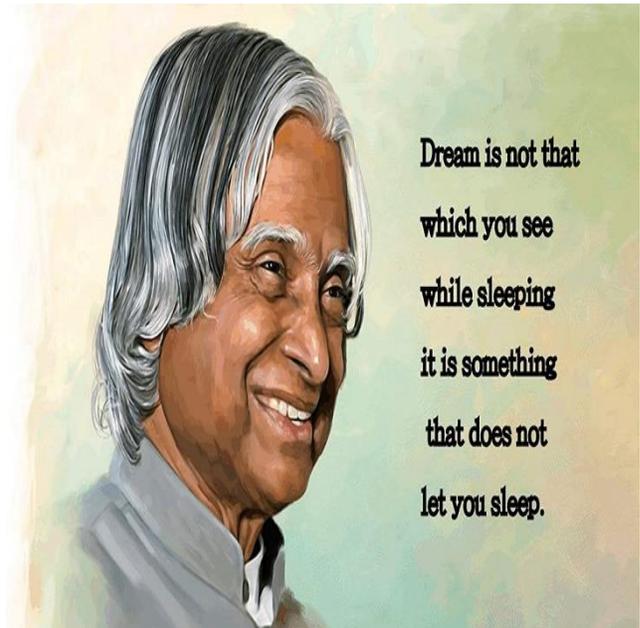
He was born on 15th October 1931 at Rameshwaram in Tamil Nadu. Talking about his past he had four brothers and one sister and Kalam was the youngest of them. His father was a boat owner and his family were so poor that they had to sell newspaper for their family's income. His mother Ashiamma was a housewife. In spite of their poverty Kalam did his SSC from Saint Joseph's School. He was average at his scores in studies but was very particular about his vision and dreams and this led him for his future career.

Coming to Scientist era Kalam studied Physics and Aerospace Engineering from Madras Institute in 1960. He started his career by designing small hovercraft. In 1969 Abdul Kalam joined ISRO where he was project director for Satellite Launch Vehicle III. In 1998 he was invited to witness a nuclear test "Smiling Buddha".

Later in 2002 he filed his nomination papers for Presidency and was elected as the 11th President of India. He was called People's President. During his Presidency period he worked hard with DRDO for making India a powerful nation. He is also called "Missile Man" of India for his work in Pokhran Nuclear Test, and missiles like AGNI, ROHINI, BRAHMOS etc.

Kalam received 7 honors from different Universities. He received Padma Bhushan in and Padma Vibhushan for his work in ISRO and DRDO as chief scientist. Bharat Ratna for advance defense technology. He received numerous tributes like "Kalam Science City" and "Kalam Institute of Health and Medical".

On 27th July 2015, India lost this precious gem. His death was due to cardiac arrest at Indian Institute of Management Shillong while delivering a speech to the students. He will always be remembered for his work and love for the country.



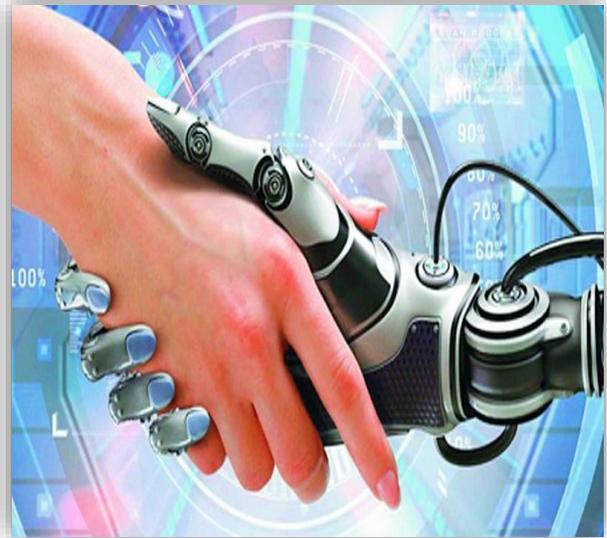
Article by Kaushik Kucha

FE A

MAN VERSUS MACHINES

Human beings and machines work differently. We all know that the machines are the creation of Humans. Machines were created to make human life easier. Humans highly depend upon machines and there's a replacement revolution. A machine is merely a motorized gadget consisting of various parts. Machines perform different functions but don't have life like humans.

Humans are created of flesh and blood; they need a life. Humans have emotions and feelings; they express different emotions at different times. Machines are mechanical and that they work with their mechanical brain which is programmed by humans. Humans understand the situation and respond accordingly whereas machines do not have the capability of understanding. Humans are creative and imaginative. Humans can create and invent new things, but machines cannot. Machines are operated and guided by humans. Humans are blessed with intelligence and emotions while machines have artificial intelligence. Humans have diverse abilities at several things including language abilities, pattern recognition and artistic thinking. When it involves socializing, data analysis or having opinions humans are certainly before the machines.



There are different machines like televisions, refrigerators, music systems, home theatres, washing machines then on for diverse uses. Our life is become much simpler with the utilization of those machines. Machines are much faster when it involves processing information and performing calculations with accuracy and speed as compared to humans. Computers obviously have better memory compared to humans and can be fed with large quantity of information. Machines work effortlessly and more efficiently than humans. The products can be produced in larger quantities at much greater speed with the help of machines. Easy communication is possible from anywhere in the world with cell phones. One can travel at super-fast speed anywhere within the world with the assistance of transport facilities. Research and sharing opinions from anywhere in the world have become much easier. Moreover, machines aren't influenced by feelings or emotions unlike humans.

So, humans and machines both are very powerful. There are some processes where machines certainly do a far better job than humans and the other way around. Humans are blessed intelligence and power while machines possess AI. Human intelligence is way better than AI but the collaboration of both is that the best. Humans cannot do without AI in present day scenario. Both human brain and machines need to go hand in hand for development and better future.

Article by Saiprasad Shetty

FE C

Paetrysync blog



march

HAPPY
WOMEN'S
day

*What lies behind us and what lies before
us are tiny matters compared to what lies
within us. You are an inspiration to me.*

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