



**VIDYABHARTI TRUST COLLEGE OF
BUSINESS, COMPUTER-SCIENCE AND RESEARCH**
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KNOW-WIZ
Spreading Knowledge

Value and care for nature

Many at time I sit and think who has colored the red roses and lotus pink?

Who has filled water in the sea?

How a small plant grows to a tree?

How all birds together fly?

It is beautiful to see them in the sky.

The river and the sea,

The plants and the trees,

The sky and the clouds,

The rain and the rainbow

Its amazing to see the wonders of nature.

I know this is god who is the great creator.

Nature is for us,

To live this precious life more- healthier, happier , wealthier

But very few of us understand and care.

The fact of spoiling nature is not fair.

What we will give, we will get

Dear humans alert before it is too late

This poem is for all those

Who don't understand what we will do?

Awake, arise if you don't want to see this world in sorrow.

Nature is valuable, value it

It needs care, care it

Value water, tree, plants.

But be careful about pollution and wastage

A day will come with a sunshine

Shine of happiness, joy and cheer

Try, Try that day will come maybe very near

- **Shruti k Patel (SYBBA-Div1)**

Waiting for Rain

Oh God! Please let this rain come here on this land!

We are eagerly waiting for rain. Rainy season is everyone's favorite season. Whenever rain comes on land, we enjoy it a lot.

Now-a-days, here, we want rain while rain doesn't come here. Last year we were free at all times, because we didn't have any examination, because it had been canceled, we didn't have any work because we didn't have any idea, we had not done our admissions in any college, because we had not been given our results of 12th board. Then we fully enjoyed that monsoon season.

Those days are unforgettable, I can't forget those days. When, here, rain came and we ran here and there only to save fuel and dried clothes. Then we made 'pakoras' and enjoyed it with rainfall. Then, here, the atmosphere became romantic and enjoyable. I enjoyed those moments while listening to the songs. Now whenever I listen to songs, those all moments recall automatically.

These days, I am so excited for the rainy holidays. Because this year, we all will be busy in our school, colleges. When we were children, we had sung a Gujarati rhyme,

"આવ રે વરસાદ,

ઢેબરીયો પ્રસાદ.

ઉના-ઉની રોટલી ને,

કારેલાંનું શાક.

ખાવું હોય તો ખાસ,

નહીંતર મામાના ઘરે જા....."

We remember this rhyme, whenever the monsoon season starts. In ancient times, the music was very powerful. Whenever the musician sang any song with that wonderful music for rain, rain really fell down. Really, that moment is very enjoyable when rain comes with full force, clouds roar and lightning strikes.

Really miss that days, I really want rain because here, we we are getting bored from this heat and high waves of only wind. We are waiting for clouds roar, lightning strikes and forced rain, wet wet road, cold and rainy air.

Please God! Let this rain come here on this land!

- **Henry Prajapati (SYBBA Div-1)**



Every indian should now forget that he/she is a rajput,muslim,Sikh or jat. He/she must remember that he/she is an INDIAN. Proud to be Indian.

- **Tanisha Akbari (TYBBA)**

DR. VIKRAM SARABHAI (INDIAN PHYSICIST) Vikram Ambalal Sarabhai was an Indian physicist and astronomer who initiated space research and helped develop nuclear power in India. He was honoured with Padma Bhushan in 1966 and the Padma Vibhushan in 1972. He is internationally regarded as the Father of the Indian Space Program.

Distinguished positions

- President of the Physics section, Indian Science Congress (1962)
- President of the General Conference of the I.A.E.A., Vienna (1970)
- Chairman of the Atomic Energy Commission of India (1966–1971)
- Vice-president, Fourth UN Conference on 'Peaceful uses of Atomic Energy' (1971)
- Founder and Chairman (1963–1971), Space Applications Centre

Dr. Sarabhai started a project for the fabrication and launch of an Indian Satellite. As a result, the first Indian satellite, Aryabhata, was put in orbit in 1975 from a Russian Commodore.

He was instrumental in establishing the Indian National Committee for Space Research in 1962, which is now called Indian Space Research Organization (ISRO). Apart from ISRO, Sarabhai was also responsible for setting up Thumba Equatorial Rocket Launching Station.

Professor MGK Menon of Tata Institute of Fundamental Research (TIFR) saw Dr Kalam's work on the Nandi hovercraft in Bangalore. He subsequently invited him for an interview for the position of rocket engineer at INCOSPAR. It was during this interview that Dr Kalam met 'a heroic figure', Dr Vikram Sarabhai.

On 30 December 1971, Sarabhai was to review the SLV design before his departure for Bombay the same night. He had spoken to A. P. J. Abdul Kalam on the telephone. Within an hour of the conversation, Sarabhai died at the age of 52 due to cardiac arrest in Trivandrum (now Thiruvananthapuram). His body was cremated in Ahmedabad.

On 12 August 2019, Google's Doodle for India commemorated Sarabhai's 100th birth anniversary. On 30 September 2020, ACK Media along with ISRO released a book namely, Vikram Sarabhai: Pioneering India's Space Programme. It was released in Amar Chitra Katha's digital platform and merchandise, ACK Comics.

A 2022 web-series Rocket Boys was based on the fictionalized lives of Sarabhai and Homi J. Bhabha, played by Ishwak Singh and Jim Sarbh respectively

In the 2022 film Rocketry: The Nambi Effect based on Nambi Narayanan's life, Sarabhai was played by Rajit Kapur in the Hindi version and by Ravi Raghavendra in the Tamil version.

- **Denisha Modi (SYBBA Div-1)**

ALOE VERA BATTERY-A SOLUTION TO WASTE MANAGEMENT.

Over 89 billion batteries are consumed each year; these are improperly disposed of, ending up in landfills and releasing toxins into the environment, polluting the air, water, and land. In India, for example, chronic lung illness and liver cirrhosis induced by battery exposure are two of the leading causes of death. When the global data are examined, the number continues to rise. Battery recycling is a new topic with a lot of potential for improving our planet's quality of life.

A Lucknow based Aloe Ecell Pvt Ltd, which pioneered the world's first eco-friendly and non-hazardous batteries from Aloe Vera. Aloe E-Cell an innovative start-up that make batteries which are useful in Everyday life made up of aloe vera. Aloe Vera normally used for skin or hair treatment are now a Raw material for making batteries. And this start-up was introduced by two students Nimisha varma and Naveen Suman. During their research on managing waste, Nimisha Varma and Naveen Suman found that the everyday batteries are highly hazardous. These batteries are one of the biggest e-waste generators. It was then after extensive research, the two students found aloe vera extracts and other natural herbs to make the world's first eco-friendly batteries as an apt replacement for toxic metals like Lead and Mercury. The two students were still completing their B.tech from different colleges in Jaipur when this innovative idea struck them. The start-up named "Aloe E-cell" was born in 2018.

Nimisha hails from Lucknow, Uttar Pradesh, and Naveen is from Bundi, Rajasthan. The two techies kept in mind the high importing cost of raw material to make the batteries affected the Indian economy. So, they kept the price of the e- battery as low as Rs 9-10 and these are cheaper than any other batteries in the market. The start-up was winners of the first edition of the National Start-Up Awards. Additionally, the innovation was also part of the top eight start-ups from across the globe at the “Innovation Summit” organised by Schneider Electric, in Barcelona.

Thus Nimisha and Naveen innovative idea proved that by Running Business with providing a Solution to Environmental issues we can go towards the path of Sustainable Development and at the same time Earn Profit Also.

- **Khushi Desai (TYBBA)**