



College of Engineering & Technology
[Autonomous]

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A hand is shown reaching towards a glowing, vertical screen. Numerous white icons are floating in the air between the hand and the screen, including a clock, a padlock, a play button, a speech bubble, a gear, a person icon, a bar chart, a magnifying glass, a cloud, a Wi-Fi symbol, a musical note, a document, a shopping cart, a speech bubble with three dots, a speech bubble with four dots, a fork and plate, a chair, a globe, and a smartphone. The background is dark blue.

DEPARTMENT OF SCIENCE AND HUMANITIES

WASHINGTON

U.S. sets up new federal board to advise on 'safe, secure' use of AI



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The chief executives of OpenAI, Microsoft and Google are among the members of a new federal board created to advise the U.S. on the "safe and secure" development of AI. The board will help authorities combat AI-related disruptions that may "impact national safety," the Department of Homeland Security said. **AFP**

AI and I

Exploring human creativity in the age of generative artificial intelligence

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When ChatGPT and her friends first came out, we watched them with amusement and curiosity. As the months rolled by, however, some of the excitement ebbed away, and debates about the impact of generative artificial intelligence (GenAI) on jobs took over boardroom and dinner table conversations.

I consider myself a reasonably early adopter of this new technology and quickly found ways to leverage ChatGPT. It was writing my mails, optimising travel plans, and suggesting recipes. I

was also dabbling with its potential at my job as an HR professional.

Over time, however, I started feeling uneasy. There were news of people writing books using AI and creating extremely believable images and videos.

As someone who enjoys writing, blogging, and creating content for social media, I suddenly saw no relevance for my skills. Anyone could now write a three-page travelogue on Morocco or an intriguing short story about crows.

I found myself gripped by writer's block. GenAI was striking at one of the last bastions of humanity – creativity. I fretted over this for months, leaving a precious list of story ideas



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untouched. Then one day, I grudgingly sat down to chronicle a trip from July 2023. As the words flowed, it dawned on me that it is not a competitive race.

I write for my thoughts to find a home, to give life to a character living inside my head, and to harvest ripe plot points that I see unfolding in daily life. I wake up at 4 a.m. for the joy of seeing the first rays of the sun light up the lotus pond at Angkor Wat. I take a picture of that experience to record my story, for me to look back on it, as a memory of an experience.

I am learning to pursue

creativity for its own sake, not for recognition or accolades. In that pursuit perhaps I will learn to value this Aid (pun intended). AI can eliminate annoying speed bumps like finding the right synonym. It can assist in fact-checking to create more authentic and accurate writing. Ask, and it will deliver. The commonly found trees in Mysuru that should grow in your main character's backyard? Sure. The size of Lithuania versus Maharashtra to write an Instagram caption? Coming right up. This will leave you with the time and space to do the creative heavy-lifting.

There are always new ways of doing things, that, with time, begin to feel natural and inherent. Our forefathers made a successful transition from quills to pens, from typewriters to keyboards. After all adapting too is a bastion of humanity!

பூங்கா ஒன்றில் கண்டது...

வீடியோ கேம், ஸ்மார்ட்போனில் விளையாடு
விவதை தவிர்த்து இங்கு வந்து
விளையாடினால் உடலும், மனமும்
ஆரோக்கியமாக இருக்கும்.

-மா.தங்கா கன்மணி, செம்பட்டி.



மாடியில் இரு 'மகாதோட்டம்'

புதுக்கோட்டை மாவட்டம், மாடியில் நோட்டம் போட்டியாளர் ஆனால் அங்குள்ள
இடத்தில் ஒரு சிறிய அளவில்தான் எங்களை அழைத்திருப்பார்கள்.

ஆனால் புதுக்கோட்டை மாவட்டம் நோட்டம் போட்டி சென்ற பின்னர் புதுக்கோட்டை
மாவட்டம் ஒரு 'மகாதோட்டம்' அமைத்திருக்கிறது. இங்கு ஆயிரக்கணக்கான நோட்டம்
எங்களுக்கும், மாணவர்களுக்கும் கிடைக்கக்கூடியது. எங்குதான் தரிசிக்கிறோம்.

50 வருஷம் புதுக்கோட்டை மாவட்டம் நோட்டம் போட்டி புதுக்கோட்டை மாவட்டம்
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SNAPSHOTS



AI doubles detection rates for esophageal cancers

Scientists have developed an AI system that can boost detection rates for cancerous and precancerous lesions in the esophagus. Tested with more than 3,000 patients in China, the algorithm almost doubled detection rates for high-risk lesions during routine endoscopies. The new approach could enable earlier diagnosis and timelier treatment of early-stage esophageal cancer. Researchers harnessed the power of machine learning in real-time to allow doctors to detect high-risk esophageal lesions more reliably.

Spotlight

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ISRO finds proof of enhanced possibility of water ice in polar craters of the moon

The Hindu Bureau
BENGALURU

A study by Indian space scientists has found evidence of enhanced possibility of water ice occurrence in the polar craters of the moon.

The study was done by scientists of ISRO's Space Applications Centre (SAC) in collaboration with researchers of IIT Kanpur, University of Southern California, Jet Propulsion Laboratory and IIT (ISM) Dhanbad.

The study suggests that the amount of sub-surface ice in the first couple of metres is about five to eight times larger than the one on the surface in both



This picture, taken by Chandrayaan-1's terrain mapping camera on November 15, 2008, shows craters in the moon's polar region. ISRO

poles.

As such, drilling on the moon to sample or excavate that ice will be primordial for future missions and long-term human presence. Moreover, the study

suggests that the extent of water ice in the northern polar region is twice that in the southern polar region.

The study confirms the hypothesis that the primary source of sub-surface

water ice in the lunar poles is out-gassing during volcanism in the Imbrian period. The results also conclude that the distribution of water ice is likely governed by mare volcanism and preferential impact cratering.

Accurate knowledge of the distribution and depth of water ice occurrence in the lunar poles, as presented in the investigation, is crucial for constraining the uncertainties in selecting future landing and sampling sites for missions aimed at exploring and characterising lunar volatiles. This study is crucial for supporting ISRO's future in-situ volatile exploration plans on the moon.

The many benefits of coconut



SPEAKING OF SCIENCE
D. Balasubramanian

A paper published in 2014 by Uma Ahuja *et al.*, in the journal *Asian Agri-History*, points out that the coconut palm is considered as a native of Malesia, a bio-geographical region that includes Southeast Asia (notably India), Indonesia, Australia, New Guinea, and several Pacific Island groups. This paper deals with the history through archaeological, epigraphic, and historical records and its uses and related folklore. Coconut has been recorded in archaeological excavations and epigraphic inscriptions in India – in scriptures of religious, agricultural, and Ayurved-

ic importance. Its multiplicity of uses has earned it epithets like the Tree of life, Tree of abundance, and Kalpavriksha (a tree that provides all necessities of life). The authors point out that in addition to its food value, it has health, medicinal, and cosmetic benefits.

In India, coconut is mainly grown in southern States – Kerala, Karnataka, Tamil Nadu, Telangana, and Andhra Pradesh. These states produce over 90% of coconuts. This is because these trees need a warm and sandy soil which is well-drained and nutrient-rich, a warm and humid climate, and abundant rainfall. North India, on the other hand, has a predominantly temperate climate, with cold winters and hot summers. The region also experiences distinct seasons with uneven



Kalpavriksha: In addition to its food value, coconut has health, medicinal, and cosmetic benefits. GETTY IMAGES

rainfall, which are not conducive to the growth of coconut trees. However, some Northeastern States, with their appropriate temperatures and rainfall, also produce coconuts, but they have a clayey soil, not ideal for the trees to grow.

Coconut occupies a spe-

cial and a higher place among the many articles used in religious offerings to god. It is used in religious and social ceremonies even in areas where it is not grown. Not an inch of the tree goes waste, and all parts are put to some use. Through its innumera-

ble working utilities and direct uses as food, feed, and drink, coconut has penetrated the cultural, social, religious, and lingual matrix of people of various communities. Coconut plays an important role in our daily life in South India. Every temple is decorated with coconut palm trees, its whole nuts are offered to the deity and the devotees are offered a bit of the nut and some coconut water given as 'prasadam'. No drink matches the coconut water in freshness and health; it is just nectar! And no sweet can match the 'kozhukkatali' (or 'modak'), which is made from the 'meat' of the broken coconut! (It is the favourite of Lord Ganesha). Also, as a child grown in Tamil Nadu, I was forced by my grandmother to take an oil-bath every month, using castor oil, or



இயலாமை!

மீன்தொட்டி உடைந்ததும்
துடிதுடிக்கத்துவங்கிய
மீன்களை
காப்பாற்ற இயலாமல்
அறை முழுதும்
புரண்டு புரண்டு
அழுகிறது
தண்ணீர்!



மாற்றம்...

காடுகளை அழிக்கும் மனிதனை திருத்துவதை விட
காடுகளை பாதுகாக்கும்
குழந்தையை உருவாக்குவது சிறந்தது...
குப்பையை லீசியெறியும்
மனிதனை திருத்துவதை விட
குப்பைகளை குப்பைத்தொட்டியில் போட குழந்தையைப்
பழக்குவது சிறந்தது..
நடைமுறையை மாற்றி பார்ப்போம்
மாறினால் மாற்றம்
இக்கிருந்தே தொடர்டும்..

இயற்கை



மனித சக்தியை விடவும், இயற்கை சக்தி
வாய்ந்தது என்பதை நினைவூட்டும் விதமாக
அமெரிக்காவின் நியூயார்க் நகரில் பிரதீ
யேக சிலை நிறுவப்பட்டிருக்கிறது.

மாயாஜாலம்



தண்டு, வேர் பகுதி இல்லாமல் ஒரு மரம்
வளர முடியுமா...? 'முடியும்'. அதுவே இயற்கை
யின் மாயாஜாலம். வேர், தண்டு பகுதிகள்
இன்றியும், அருகில் இருக்கும் மரத்தின் உத
வியால், உயர்ந்திருக்கிறது. இந்த மரம்.

A tree called poetry

Many are its branches and swinging from one to another is quite a delight

P.M. Warrior
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I have a penfriend, sorry, email friend, who made it clear at the very outset that she was a sworn enemy of poetry. "I hate poetry" were her words.

As a poetry-lover, I was stung, mortified. I knew people did not readily take to verse after their bitter struggle with it at school. I also knew hate, like love, could be blind.

It is common knowledge that intense hate can damage the mind. I had no missionary zeal to reform that poetry-hater. Yet I kept baiting her with a variety of simple poems from my numerous anthologies – now a Robert Frost, an Edward Thomas, a Rudyard Kipling, or a

Thomas Hardy – and bided my time. Needless to say she finally bit. Now, she bombards me with poems she hunts up on the Internet!

Most folks shy away from poetry on the assumption that poems are hard to follow. That is only partly true. There are numerous poems that are readily accessible and can touch the lay reader emotionally.

Among the many definitions of poetry is this: emotions recollected in tranquillity. There may be some truth in this, as may be seen, for instance, in a poem such as William Wordsworth's *I wandered lonely as a cloud (Daffodils)* or Robert Frost's *Stopping by woods on a snowy evening*.

Consider the lines in this simple poem by George Crabbe: *The ring so*



GETTY IMAGES/STOCKPHOTO

worn, as you behold, / So thin, so pale, is yet of gold. / The passion such it was to prove, / Worn with life's care, love yet was low. How much the lines tell!

Or, in a lighter vein, consider the anonymous poem *Frog*: What a wonderful bird the frog are! / When he stand he sit (almost); / When he hop he fly (almost); / He ain't got no sense hardly; / He ain't got no tail hardly either; / When he sit, he sit on what he ain't got (almost).

And you laugh your head off (almost).

Even poetry-haters can possibly enjoy comic

verse. The English language is rich in that genre. *The Oxford Book of Comic Verse* contains over 500 poems. If one can enjoy those, one may eventually get to appreciate poetry.

I have compiled, by way of a novice's baptism in poetry, a few poems that I feel have instant appeal – such as D.H. Lawrence's *Piano*, Edward Thomas's *Adlestrop*, Fleur Adcock's *For a five-year-old*, and Cecil Day Lewis's *Walking away*.

I have no brief to promote or popularise English poetry. I was myself not a poetry enthusiast until I bought a copy of the BBC's *The Nation's Favourite Poems* (1995), an anthology based on the results of a nationwide poll in Britain. And now I have quite a few anthologies to keep me going ad infinitum! Like a monkey, I keep jumping from one branch to another on the immense tree called poetry!

What better can you hope for at 95?

Lessons we fail to learn

Wars, conflicts exact a heavy toll on people

Sanjay Chandra
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I was only six, but I remember the newspapers that we pasted on the windows to avoid detection by enemy aircraft during the India-Pakistan war of 1965.

I was older at the time of the 1971 war between India and Pakistan and was a hosteller in Delhi. We blackened the dormitory windows and took turns at night to sound the hostel alarm in case of an air raid siren.

Later, I visited an Army officer, who was a friend of my uncle. He had lost a leg in the 1965 war. I saw the grim reality behind the sad expressions on the faces of the officer and his wife – the price that many have to pay during wars cannot be counted in numbers.

Almost a decade and a half later, during my first posting in the Railways, I reached my maintenance shed one morning to find the staff agitatedly walking out of the premises. I was interrupted by my supervisor from trying to stop them. "Sir, please do not stop them, otherwise they will turn on you," he said. The Prime Minister had been assassinated and riots followed. My immediate senior had to take shelter with his family in empty oil drums. They were the fortunate ones.

The past 100 years have been tumultuous globally. We have witnessed innumerable genocides and wars. Each act of violence has its repercussions for the people who live through the harrowing period. Yet, the next generations either develop or at least pretend to develop amnesia when perpetuating the same atrocities on others in later years, seemingly oblivious to the fact that their life too is transitory.

William Wordsworth imparted a life-changing lesson. He said: Life is divided into three terms – that which was, which is, and which will be. Let us learn from the past to profit by the present, and from the present, to live better in the future.

Toiling away

Let's appreciate and support the workers that make our lives better

Balasubramaniam Pavan
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Labour is an integral part of production. Land and capital alone do not lead to production.

Young persons leaving their villages and home towns in search of jobs is a common sight these days. The pandemic highlighted the woes of migrant workers, who were caught between the devil and the deep sea.

The condition of the workers is miserable. They need money for their own survival and to send a part of it to their dependents.

Let's spare a thought for the workers who battle it out in the scorching summer heat. The rainy season presents a different challenge altogether.

Delivery persons, electricians, painters, plumbers, masons, fruit and vegetable vendors, truck drivers, car mechanics, and many such skilled and unskilled



AM. FARUQUI

workers serve us everyday. Without them our lives would be difficult.

These are works that can drain anyone physically.

For people employed in the unorganised sector, meagre wages do not allow the luxury of savings. Survival of the day

overrides the thought of future.

Age spares no one; it cannot be any different for the labour force. The weakening of the body poses a challenge in their lives, with nothing to fall back on. Dependency on others makes their lives miserable.

The salaried class have a steady income that paves the way for savings for their old age. People working in a protected environment may not fully realise the hardships of those employed in the unorganised sector.

We need to appreciate the contribution of these workers. Their lives should improve. Just paying tributes on Labour Day alone would not suffice.



BEST COUNTRIES IN THE WORLD 2023



Drawing 🎨



Rohini D
BME 1st year

பெண்

பெண் ஆக பிறந்ததற்கு
பெருமை மட. வேண்டும் என்று
சொல்லுகிறார்கள்... .
மாதுபா என்றாவது அவன் மனம்
உணர வழிவந்ததாயா?
என்றோ கிடைத்துவிட்டது
கிந்திய மக்களுக்கு விந்தை.
ஆனால் கிண்டும் ஏனோ மாதுபா உன்
விடம் உள்ள பெண் - அவன் மனம்
நுகர சுற்றி திரிய அனுமதித்ததாயா?

>SHE 1ST YEAR



A.S. JANANI

Self motivation quote

Some **days** are better,
some **days** are worse.
Look for the **blessing**
instead of the **curse**.
Be positive, stay strong,
and get **enough rest**.

You **can't** do it all,
but you **can** do your best



Sharmi S
BME 1st year

Self motivation quotes

CHARACTER CANNOT
BE DEVELOPED IN
EASE AND QUIET.
ONLY THROUGH
EXPERIENCE OF
TRIAL AND
SUFFERING CAN
THE SOUL BE
STRENGTHENED,
AMBITION INSPIRED,
AND SUCCESS
ACHIEVED.



BHAVADHANU G
BME 1st year

BME1ST YEAR

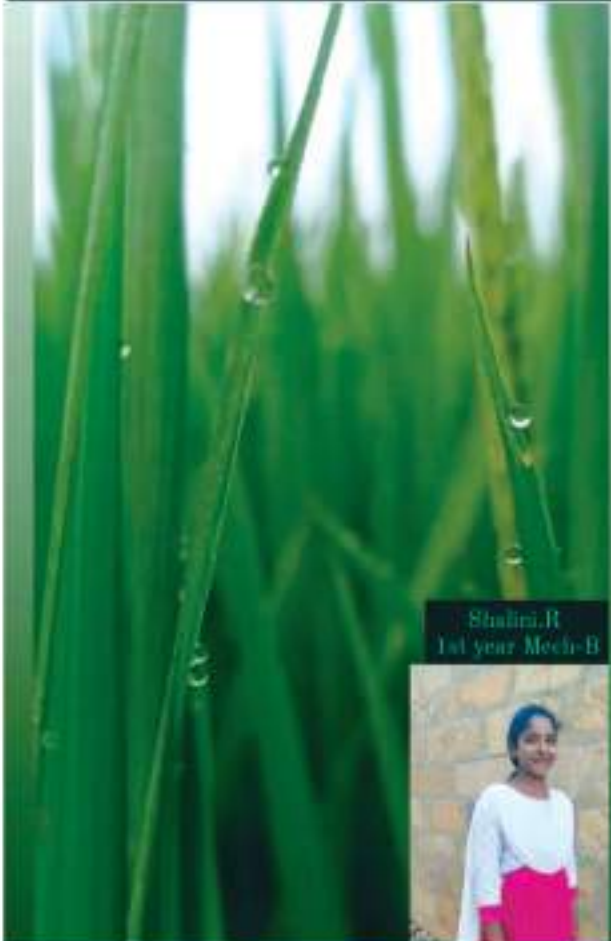


H. PRAYADHARASINI

“

நீங்கள் யார் என்பதை
அறிய விரும்புகிறீர்களா?
கேள்வி கேட்காதீர்கள்,
செயலில் இறங்குங்கள்.
செய்யும் செயலே
நீங்கள் யார் என்பதை
வரையறுக்கும்.

Photography

Shalini.R
1st year Mech-BPROFESSIONAL
Photographer

A.VENKADAGIRI



MECH-B

"I never dreamed
about success.
I worked for it."

ESTÉE LAUDER



"DOG LOVERS"

Everybody loves dogs, isn't it?!

That soo chubby, fluffy dogs with a beautifully wagging fluffy tails, doesn't that feel so cute?

Have you ever looked into a stray dogs eyes, that holds a trillion stories hidden within.

From the story of a angry tea master's boiling water to the story on striving for food while healing their vehicle hitten wounds :)

In my opinion a person who loves and adores a beautiful dog.. ohh ohhh wait.. i think we have no rights to call any dog as beautiful or ugly.

How could a person who adores a dog that looks clean and groomed can be addressed as a dog lover, isn't that so pointless?!

Dogs are such an amazing creatures that gives love with no expectation of getting it back!

So please, if you call yourself a dog lover kindly stop spending money on buying dogs and instead spend that for feeding stray dogs.

With a strong notion,



SABITHA S
First year
ECE-B

"QUOTES"

- Recall your failures to record your success.
- Keep the fire inside to make success by your side.
- Don't carry failures baggage on your route to success.
- Realise that fantasy is fantasy!
- It isn't useless, if it's not important to you.
- Face a barrel of barriers to taste the success.
- Feminism isn't highlighting female, just demanding equalism.
- On finding others on your life will lose yourself on your life.
- Change the chances that change the chances of changing you.
- The future 'You' should never fail to past 'You'.
- Something that's meant for you will never fail to find it's way to you .
- Don't try to fix everything cause things goes on a flow(as simple that) read that again...
- If it was yours, it will always be! But if it is not then it had never been or will never be.



SABITHA S
First year
ECE-B

"GIRLS"

I saw a meme lately that reads "Girls who tops in academics are ending up as homemaker. And boys who used to fail in academics are becoming famous personalities"

Isn't that funny...

Do you guys really think that a girl who worked hard to achieve in her academics would choose to be a homemaker herself.

I don't get the logic at all. What made you think that a women who is well educated prefers to be a homemaker????

And my point is why you guys blame the girl for being a home maker.

Nobody works hard like a fool for becoming a topper and to end up as a homemaker.

It's not her choice, it's her situation!

Please do understand that!

It's a social framework according to which most of the people act still now. A meaningless frame where men holds more responsibility of the finance and women take responsibility of the households. Why can't the responsibilities be shared equally or can be exchanged. I think that isn't a crime so far.

Request: (Think twice before you spit your words away!!!)



SABITHA S
First year
ECE-B

"MENSTRUATION"

Ohh no.... It is not a subjectable topic to talk about in public. Oh really?? cause it's a secret I guess, right?! But I no longer care about your stupid superstitious beliefs. We girls are not supposed to go where we wish to, wear what we love to, speak what we think and do what we need. Being born as a girl is the only reason for us to go through this dump mythologies. Girls should never feel ashamed for bleeding every month. You guys who doesn't even know why we bleed should feel ashamed of it. Menstruation, periods, date & whatever you call, just understand its a biological process that is natural for every women and for which we should be very grateful.

Stop believing the myths, stop restricting us from doing what we love to and don't stop us from being us.

Not asking for a fairytale, just for the common tale that every girl deserves :)



SABITHA S
First year
ECE-B

SPORTS ACTIVITY



DRAWING



S. LOGASRI
1 YEAR
MECHANICAL B



Maths, Maths, Maths !

Down with old Pythagoras
And down with rotten maths.
Down with Archimedes,
And drown him at the baths.

If anyone had to do it
I'd make sure it was me
First I'd wholly immerse him,
Then kick him up a tree.

When he had been disposed of,
I'd turn on old Pythag
I'd drag him through a holly bush,
And he'd come out like a rag.

Now my pipe dream's over,
And I've nothing more to say
Except that Maths still lives on
To be taught another day.

H.O.P.E.

HOLD ON, PAIN ENDS

Heavily visible above the ocean
Gathering the last of the light
Breaks in light and
The walked down the deserted path.

Swimming through the water, he
Remains
Swimming the waters of the ocean
Along the
With him, he is the only one who
He is not the only one who is not

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Photography

Took this picture for the otp contest

Dhivya V
CSE-A



Flying in fashion

How do birds fly in a coordinated and seemingly effortless fashion?

Part of the answer about how birds fly in a coordinated and effortless way lies in precise, and previously unknown, aerodynamic interactions, mathematicians have found. The researchers found that flow-mediated interactions between neighbours are, in effect, spring-like forces that hold each member in place. However, these 'springs' act in only one direction and this non-reciprocal interaction means that later members tend to resonate or oscillate wildly. To replicate the columnar

formations of birds, in which they line up one directly behind the other, the researchers created mechanized flappers that act like birds' wings. The wings were 3D-printed from plastic and driven by motors to flap in water, which replicated how air flows around bird wings during flight. This 'mock flock' propelled through water and could freely arrange itself within a line or queue. The flows affected group organisation in different ways – depending on the size of the group.

Readers may send their questions / answers to questioncorner@thehindu.co.in



LAKXITHA N
CSE-A



WORLD'S BEST NEWS



WE LIVE LONGER AND BETTER

People of the world have made great progress in recent years. Both income, education, and lifespan have increased worldwide, according to UNDP's yearly index of nation development.

PERIODIC

The world's population has grown by 70 per cent since 1950. This is the result of 50 years of the world's population growing steadily. But in fact, the world's population has grown by 70 per cent since 1950.

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This means that the difference between rich and poor countries is shrinking

The world's population has grown by 70 per cent since 1950. This is the result of 50 years of the world's population growing steadily. But in fact, the world's population has grown by 70 per cent since 1950.

Global

The most ambitious plan yet



The world's population has grown by 70 per cent since 1950. This is the result of 50 years of the world's population growing steadily. But in fact, the world's population has grown by 70 per cent since 1950.



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PHOTOGRAPHY



Photography



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1st year
Cse

Photography



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photography



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N. Santhiya
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ART WORKS



Drawing



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Drawing



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Madhumita.M
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Drawing



Madhumitha.M
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ART WORKS



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- ❖ Creating Learner-Centric Environment and continuous Learning.
- ❖ Promoting Effective Links with Intellectuals and Industries.
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- ❖ Adapting to Changes for Sustainable Development.

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