

AGRARIAN CRISIS IN INDIA	1
READING - WISE TALK	4
CASTEISM IN INDIA	6
HEALTHY LIFE	9
WOMEN BIKING	11
APPLE EVENT-"HELLO AGAIN"	13
ARTIFICIAL INTELLIGENCE	15
THE BOY AND THE SPARROW	17



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CRUSADE

A CPG CLARION CALL



AGRARIAN

CRISIS

PHOTOGRAPHY	19
PUZZLE	20
POETRY	21

WISE TALK



Editorial



Few days ago, I went to a bakery shop to buy few snacks. I found few young boys sitting together around a table outside and I found out that they were college students from their conversation. Everyone's hands were busy typing something but they were all talking to each other without any eye contact or without any attachment to the conversation that they were in. After a while, one of the boys tried to call his friend by tapping him on the shoulder but to my amusement, the other boy replied, "send whatever you want to talk through Whatsapp". Technology today has created an illusion that communication has grown to a great extent. It may be true in terms of machine communication and distant communication through satellites but it has destroyed the human communication and relationship to a greater extent where youngsters today, would like to communicate through machines, even when the person is with them. Most of the time, they do it because of the distraction the others cause through thier devices and after all they are at their highest time of falling prey to such distractions.

This generation is undergoing a tremendous peer pressure because of the same reason, especially in the educational institutions. Every student has got a different brought up, different type of schooling, different type of family background and a different kind of learning ability. They struggle hard to accept themselves and identify themselves only with their friends. They are afraid to be alone, they are afraid to stand out, they are afraid to initiate and they are afraid to take decisions that will strengthen them. As the quote goes "Only human being can alter their attitude and bring sunshine to their lives at any time they wish", it's not too late to start afresh. The ability to get away from the madding crowd in today's life needs a strong will because everyone is connected every time and people are losing their self identity. We, who educate them can talk to them and bring this change. They are ready and they want someone to give them a helping hand. Let's help them to get away from the madding crowd to be with themselves atleast for a while, let's help them to be with the nature and let's help them to come back with ideas that would help them and people around them.



AGRARIAN CRISIS IN INDIA

When we find news like "A farmer committed suicide", how many of us are embarrassed? How many of us feel bad for the farmer? How many of us show our solidarity to them? I hope, not many because it has become a regular incident in our country. Most of us watch and stay idle without raising our voices in social networking media, who otherwise talk about actors, politicians and movies. The society hasn't still realised that we need our farmers and farming lands to help us stay alive. The society hasn't realised that all our indigenous rice varieties are patented by the developed countries and cultivated there. They sell us back what they had taken from us. Doesn't it sound ridiculous? Doesn't it sound irritating? Doesn't it sound like we are preparing to become modern day slaves by killing our farmers and destroying our farming lands?

"The world has got enough things to satisfy everyone's need and not everyone's greed"

We are an agrarian society and the farmers make our living possible by providing us with food. As per the report of National Crime Records Bureau [NCRB], a department under the Central Government, which records and maintains the statistics of crime, approximately two lakhs farmers have committed suicide over the last decade. Let us have a drive of information that may bring a paradigm shift in our thought process.

India is a nation where more than 50% of the population depends on Agriculture. We are known for Green Revolution, which made us self-sufficient in food production, but now, the scenario is entirely different and Indian agricultural sector has plunged into a deep crisis.



Dry monsoons and less profits have worsened the situation by forcing the farmers to sell their lands for minimum price because of the threatening from the real estate goons and political rowdies. The Minimum Support Price fixed by the government for agricultural products is not competitive and sufficient.

Financial assistance and subsidies available for them to buy seeds, fertilizers, etc are also insufficient due to which the farmers are forced to depend on private money lenders, who charge exorbitant rates of interest for loans. These farmers gradually get caught into dept traps. Ultimately, the financial burden tightens them and they are left with no other alternatives except suicide. This is because of their inability to repay the loan that they had raised for their crops and the brutality of the banks that punish them and leave people like Mallayya.



All the people who didn't repay billions of rupees from the banks were left untouched because all these people including the politicians, police and the bankers got money from these criminals but for a farmer for few thousands, few private banks have threatened and forced them to commit suicide.



The solution lies in the following

1. Minimum Support Price [MSP] for farmers should be increased significantly for their produce.
2. Interposer between the farmers and the buyers should be eliminated.
3. Farmers' Market in which the cultivators can sell their produce directly to the consumers [as in the case of Tamil Nadu] should be promoted in all the states.
4. Increased Financial assistance at subsidised rate of interest should be made available to the farmers for buying seeds, fertilizers and other requisite needs.
5. Think of some innovative ideas to join the rivers and provide enough water.

Hundreds of agricultural labours are quitting agriculture and migrating to other areas in search of work. The whole world knows that the science may advance to any level but they have to eat only food and that won't be replaced by any technology.



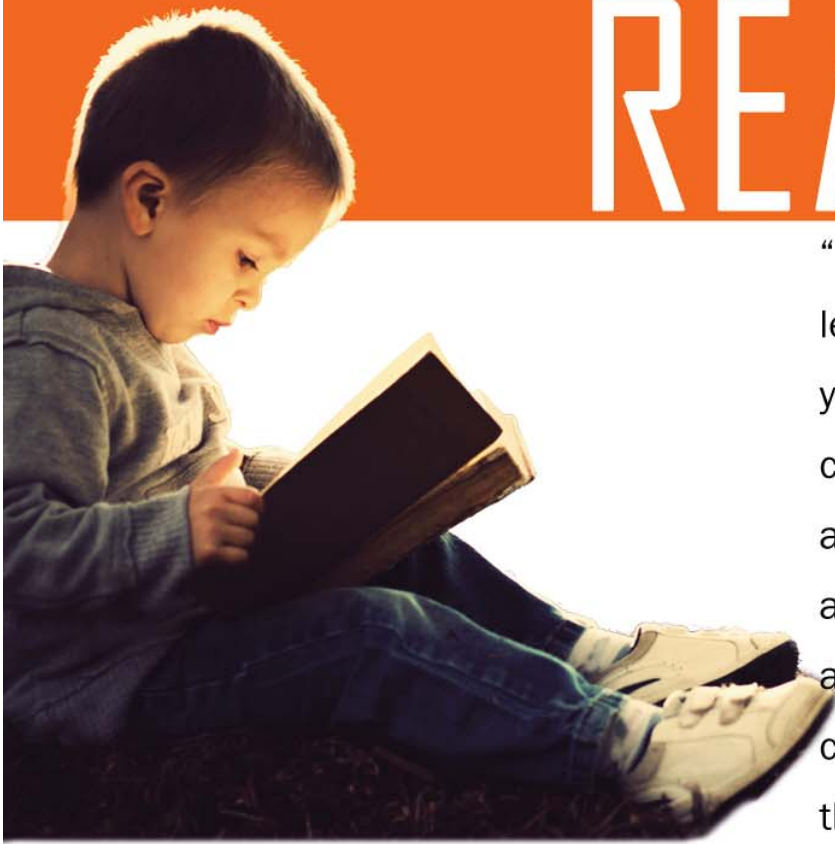
Farmers are going to help us in keeping the earth alive. Industrial world and modern life style is taking us away from the nature and has left us with global warming, pollution, deforestation and natural calamities. One thing this technology world forgot was living along with nature.

I appeal all of you to voice your opinion for our farmers and support the campaign of linking the rivers. Next time when you see a farmer, atleast respect them.

SUTHARSHANA
II CSE



READING



“Today’s readers become tomorrow’s leaders”. I heard this phrase, a few years ago in a convention and recently I stumbled across this phrase again. As I often do, I started to think about what this phrase really means and whether I really believed it. I came to a conclusion that I think there is a lot of truth in this saying.

There was an article in the summer 2001 in Aerospace Power Journal that was talking about future leaders. The Aerospace Program was wondering where they could find future leaders. They said, “One route is to reap the benefit of past experience through a vigorous professional reading program.” That is a powerful endorsement for the belief that “today’s readers will become tomorrow’s leaders”. They knew that if they had students in the program to read about history and learn from it, they could become great leaders.

We are brought up in a way in which our care takers, parents and teachers, kept insisting us to read(while studying) out loudly. Do you know why? This method will increase the memory power and create interest. In our childhood days, we enjoyed singing the rhymes aloud which helped us stay motivated to read stories, comic books and so on. But are we continuing the same in our later part of life in the colleges? Most of us would say, ‘No’ because it depends largely on our environment and mindset.

READING

Getting lost in reading is very entertaining and interesting than losing our time in watching serials, movies and hanging on to social media that kill our creativity.



Reading boosts our imagination and creates a conversation between the author and the reader. It is a search engine where we can fetch information beyond our requirement and imagine new information. Books enrich our thinking (creativity) and serve as a better basement for innovation. Books have the potential to increase our vocabularies and mental strength and printed books are far better than e-Books. Ever smelled a new book when you bought it? Try do it.

Unfortunately reading habit is diminishing day by day. There are many sorts of reading not limited to the books alone but expanding to newspapers, magazines and social networking media even. We are the pillars of future India but a pillar without knowledge is worthless. Think...Think...Think...Plenty of time is available and it is never too late to start reading... DO YOU KNOW??? Among the frequent readers, 40% of them are in between the age group of 6-10 years!!!

KOVARTHANAN
II EEE

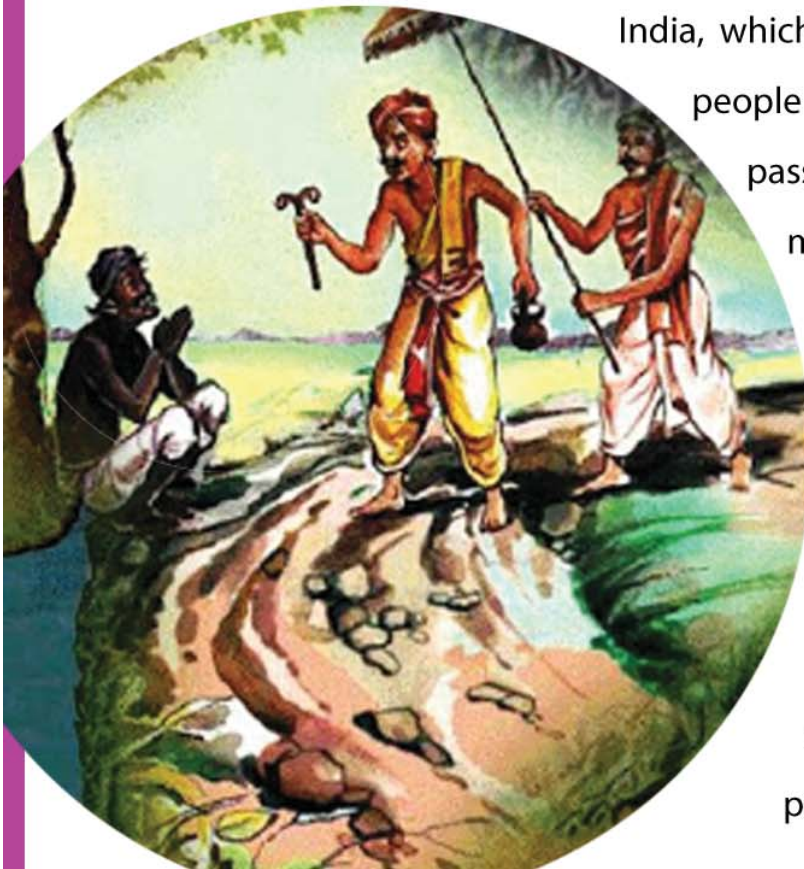


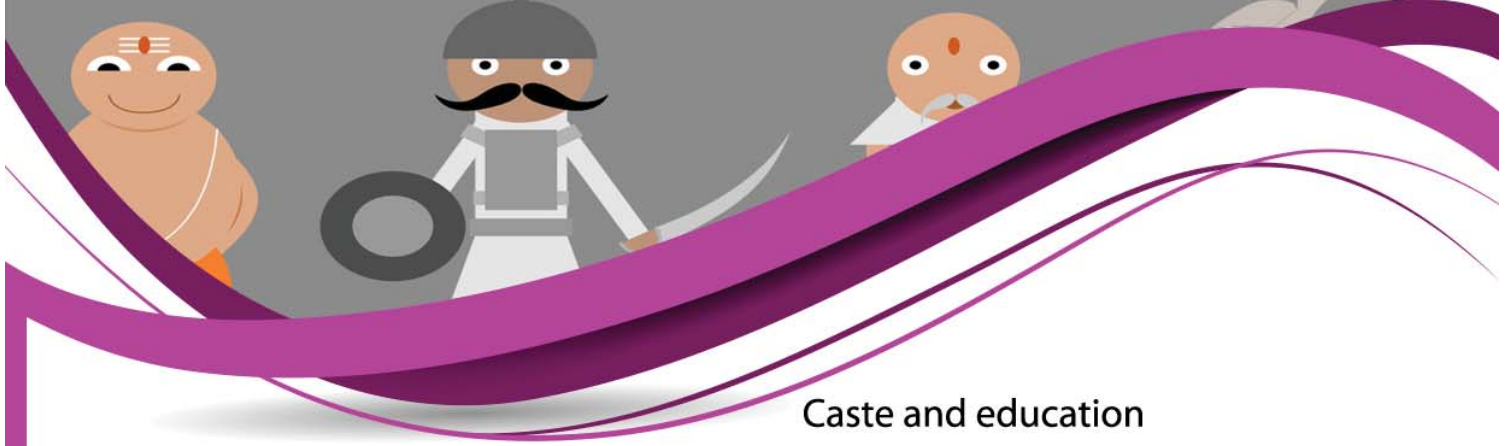
CASTEISM IN INDIA

The whole world is lying about civilization, equality and fraternity. They all talk about civilisation but still hold on to all the discriminations and racial abuses. Especially in India, there are thousands of Gods and thousands of castes. The oppression still continues even today in a different way. There are differences in the name of wealth, in the name of religion, in the name of skin colours around the world and in India it is in the name of caste. Caste is one thing which was created by strong ones to dominate the weak. It was an excuse for the foreigners to keep their dominance on people who they won through their weapons. It started its journey in the ancient days and it was set on the occupation of the people. Caste actually brought different Gods along with them and paved way to religious divisions.

This was essentially the plan of the Aryan Kings who ruled India, which caused severe damage on the Indian people who were the real inhabitants. As years

passed, caste gained upper hand over humanity and humans. Now, the so called upper caste people cry frouls saying they don't get any financial benefits that the oppressed caste people get. They have changed only because of financial benefits and although they say that they keep asking for equality in terms of money, they are not ready to treat people equally.



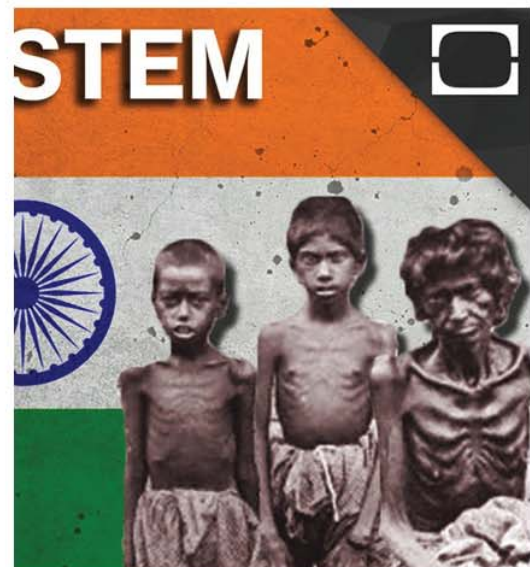


Caste and education

Education decides how someone is going to live and behave in the society. People without formal education are not treated equally or fairly in today's world. Caste ghost has caught even the educators and policy makers. The education system which lectures that there is no caste in this world and all are equal, asks for community certificates. Higher studies, for many students has become just reverie, though they had scored high marks. Due to the seat allocation based on caste instead of marks has made us fail to spot lots of Genius and Scientists, etc..



This nation has been telling the whole world that "Everyone is equal in front of God" but the strangers who entered our country in the past spoiled the spirit of equality and fraternity of our country. The current political scenario is not encouraging either because political leaders favour for candidature if they have a caste vote bank. The entire society is deceived by caste which keeps contaminating the masses and it's the first plague the world has ever witnessed. Caste plays a major role in three important areas in India which in turn stop the country from becoming a developed country.



Caste and marriage

The marriage system in India is purely based on caste, money and status. Although marriages in India are considered sacred, many encourage only intra-caste marriages and not inter-caste marriages. Many young people are killed by their own parents in the name of honour killing. I don't know how to categorise these people because they either fall under mad category or deceased. Anyone who kills someone in the name of caste is not a human being and they should be treated as animals and kept in the zoos. The government encourages inter-caste marriages but it's the same government that is run by the caste minded politicians that encourages the honour killings indirectly.

Caste and economy

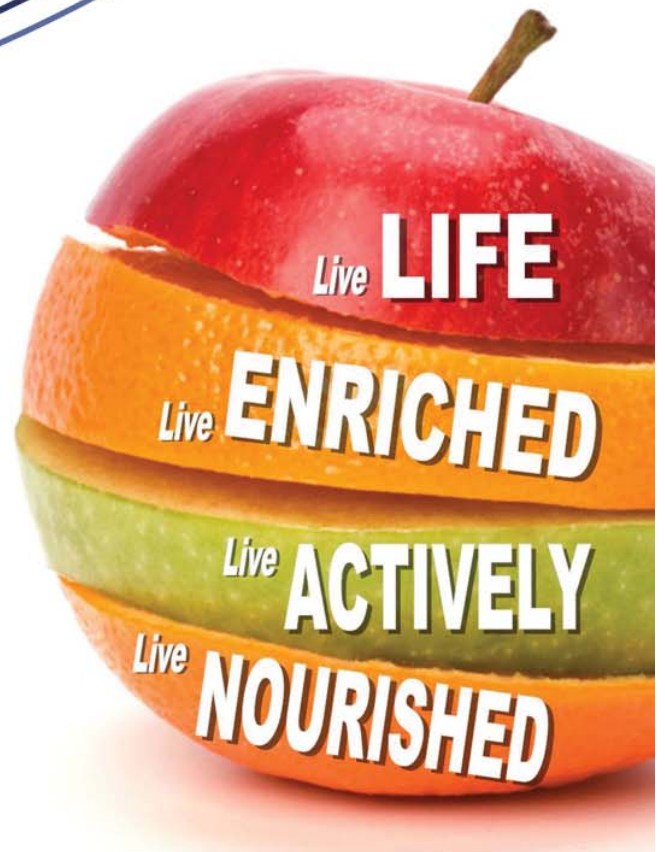
Although we have more youngsters in our country, India's economy is in the 7th place in the world in terms of GDP (Nominal). This happens due to lack of opportunity for the youngsters in seat allocation based on caste. US economy is in 1st position in the world although they have less number of youngsters. Among those youngsters 1/3rd of them are American-Indians. This proves that Indians are capable but they are not given opportunities to showcase their abilities and those opportunities were limited majorly by the caste system.

Caste is one of the ailments that-
turns our capable country into a
hopeless land, So start treat-
ing people equally because
we all belong to one caste,
Humanity.





In this digitized world, we have one formula and two theories to indicate our healthy life. Health = habit/habit and don't get confused how it is possible; let me make it clear. Health is directly proportional to the good and regular habits, whereas the same is inversely proportional to busy, frustrated, unconcerned, and irregular habits. Healthy living is within your reach, starting today and striving for Tomorrow.



Sure, healthy living is a long-term commitment, not a flash-in-the-pan fad. But there are steps you can take right now that will make today healthier than yesterday and pave the way for healthy living tomorrow, too.

The Impacts: Unhealthy eating habits have contributed obesity all around the world and in the United States in particular. One third of the adults are obese at the age of 2 to 19 and poor health can even cause death. By following a healthy life-style, you are going to stay healthy, active and strong.

Lifestyle choices: When we're juggling a number of different commitments in our minds, it's easy to feel overwhelmed. Although it can be difficult to see how to break that cycle when you're caught in the fray but some smart strategies can help you make your life better and a whole lot less hectic. Here is a few modules to program your life free from errors and become strong.

Altruism and giving back not only helps the community but also provides one with a sense of happiness and fulfillment.

Take time for yourself. It is important to create a space where you can rejuvenate yourself and reflect on what you've done throughout the day.

Practice Mindfulness. What does it mean? Mindfulness is the state of consciously being aware of the present moment, both internally and externally.

Be grateful for today and for the abundance of what you have in your life (Think positive!).

Take time to appreciate life. Slow down. What's the Rush? Take a stroll with nature.

Let me tie the above with a small saying, "When the Healthy habits log out, medicine gets login and deterioration will be your companion". Lifestyle is not only about eating healthy food and exercising regularly but it has got an exigent role for the happiness that we feel and the words we speak out. For instance, each individual aged 15 has to face lots of depression as they are entirely bound in complicated networks like work, school, friendship, relationship, sports, extra-curriculum, etc. This could make anyone feel more stressed, and so each individual strives hard to overcome these circumstances by balancing their lifestyle. "Healthy outside starts from inside" and making the work simpler will lead to successful and healthy lifestyle.

Let's not become idle now because technology around us have tied us with them without allowing us to get out for fresh air, fresh ideas and fresh mindedness. We have to remain healthy because a sound mind can dwell only in a sound body.



ASHIKA
II CIVIL



Women Biking

Hello bike lovers!! The popularity of biking is sky rocketing nationwide and interest among women is rising, too. As the energy and interest to get more women on bike grows, we need to share our collective knowledge, build a network of female leaders and start working on targeted programs that put more women in the saddle and at the forefront of the movement. The purpose of Women Biking is to serve as a central source of information, inspiration and build a strong community.



The status of women in India has been subjected to great changes and challenges over the past few decades. The blooming feminine of our nation is really inspiring us to be passionate and determined towards our goals. The women of the present generation are adorned with multiple talents. It's most important to mention about Alisha Abdullah, India's first female racing champion. She seems to be an inspirational soul to most of the women riders and she is known for her impeccable racing skills. To promote women biking, she recently opened an institute named Alisha Abdullah Racing Academy for Women. Similar to her, there are several unsung souls to be appreciated for their hidden potentials and efforts. For women bikers, biking seems to be a passion, a source of empowerment and independence. Seeing a woman revving up her bike, wearing a leather jacket, gloves and sunglasses before going off on a long ride might be a rare sight even today.

But scores of women in India are breaking gender stereotypes and taking on the open road. And it's not that they show off on a motorbike but they do everything from changing tyres to fixing clutch wires, from stunting to racing – these women know it all and stand as equal with their male counterparts. They are no longer limited to nimble scooters but their preference has changed to racing on super bikes, riding smoothly like sailing Bullets and saving their classic bikes for rides. All feel that, "The secret of getting ahead is getting started", and we have started our rides with the motto "To ride safe and smart". There are different categories in women biking, namely sport biker, cafe racer, chopper, dirt bikers etc. They are mainly categorised based on the bike they choose to ride. Women bikers, firmly believe that the spirit of women should never ever be tamed by any means.



They make plenty of impeccable achievements from their young age onwards because of the spirit they possess and talent that they unleash; it's really inspiring. Women bikers mainly form groups and start their ride either for adventure or for freedom. But mainly their rides are focused on empowering the women society and teach them self-confidence. Every women rider is a role model of the nation as they are all unique in their own way. Let's always support women riders and promote women biking to the next level!

SRI JANANI
II EIE

"Hello Again" - An Apple Event

Three apples changed this earth's fate to a great extent in the fields of religion, science and technology. The first was the apple from Adam and Eve's time, Second one from Newton's time and the third one is Steve Jobs' apple. Every time Apple introduced a new product, the whole world would queue from previous night. The Reed college dropout, challenged the whole concept of formal education and brought out one of the best products that the world had ever seen. Apple has become the name of status quo for people and those who had an apple product always carried a self-esteem with them but for others, they looked like they are head weights.



It's time for the venerated MacBook Pro line-up to get some fresh blood. An event by Apple arrived on Thursday October 27th with a simple slogan "Hello again", means it won't have to wait long and echoed the "Hello" from the first Mac launch back in the eighties. If you were expecting new Mac hardware from Apple after that, you are right. Apple's plans are becoming crystal clear, and fans of the MacBook better check your bank accounts because the expected update to the MacBook Pro line-up is almost ready. KGI Securities Ming-Chi Kuo has issued a report that Apple is preparing to reveal a MacBook Pro which continues the ethos of dropping ports and old solutions and will launch three new models, a thirteen-inch MacBook Pro, a fifteen-inch MacBook Pro, and a new 13-inch MacBook.

The key feature on the new MacBook Pros will be a context-sensitive touchscreen that will replace the physical function key strip. This will give access to popular commands and quick actions that can be determined on an app-by-app basis.



The laptops are also expected to pick up Touch ID to verify a user's identity. Other analysts believe that Apple will trim down the various ports on the hardware, dropping mag-safe and relying primarily on USB-C for connectivity and power (backed up by Thunderbolt 3 depending on the model).

Last year's new arrival, MacBook, the twelve-inch device provided to be a lightweight and highly portable laptop. Ming-Chi Kuo believes that this year's MacBook model will bump up the screen size to thirteen inches, although there are no further details. Presumably the specifications of the MacBook Pro will be sufficient to differentiate the two new machines in the market place.



He also noted that the new iMacs and external displays are unlikely to be revealed at the event, but if they are announced, he told that people should wait till the second half of 2017.

Technology is learnt by experiments and not by mere college degrees. There is a huge gap between the industries' expectations and the educational institutions' programmes. Although lots of efforts are taken now-a-days to bridge this gap in terms of new curriculum and infrastructure, the faculty members who deliver it remain the same without much update. The students should be given enough time to work on their own, rather than dumped in the classrooms, just to listen few boring lectures that doesn't even involve the students' participation. Let's hope future will bring us better curriculum, better faculty members and participatory classrooms.

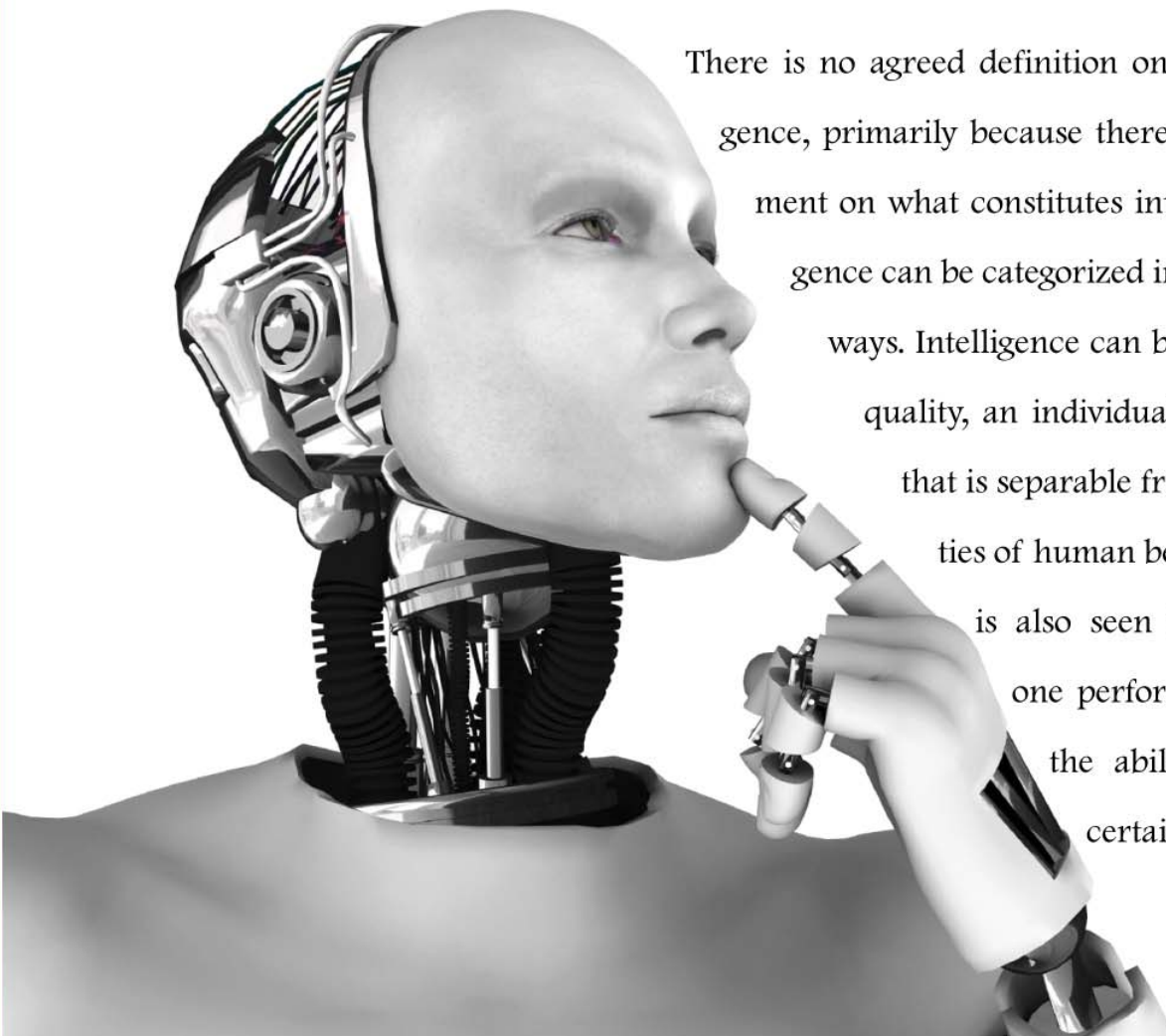


Artificial intelligence

Talk of the world is Artificial Intelligence as more movies have started projecting Artificial Intelligence and Robotics as essentials of the future. The technology world is very positive about the applications of robotics and artificial intelligence in fields such as medical, space etc. Skeptics say that machines might turn this world into pieces like it is shown in some of the movies as they don't have any emotions.

According to a standard definition by encyclopedia.com, Artificial intelligence (AI) is a field within computer science that seeks to explain and emulate all aspects of human intelligence through mechanical or computational processes. Typical areas of research in AI include video games, natural language understanding, problem solving, learning, and robotics.

There is no agreed definition on artificial intelligence, primarily because there is a little agreement on what constitutes intelligence. Intelligence can be categorized in one of the three ways. Intelligence can be thought of as a quality, an individually held property that is separable from other properties of human beings. Intelligence is also seen in the functions one performs, in actions or the ability to carry out certain tasks.





Aleem Siddiqui, a Computer Consultant says that finally, some researchers see intelligence as a quality that can only be acquired and demonstrated through relationship with other intelligent beings. Each of these understanding of intelligence has been used as the basis for an approach in developing computer programs with intelligent characteristics. Researchers have developed an artificial intelligence capable of recreating physics experiments that won the 2001 Nobel Prize for Physics. The AI system was able to recreate the complex quantum experiment to create an extremely cold gas trapped in a laser beam, known as a Bose-Einstein Condensate. (BEC)

Scientists want to create BECs to use them as cold-atom based sensors and to investigate many body physics, among the many other uses. Because they are super-sensitive to external disturbances, they can take very precise measurements of things, like tiny changes in the Earth's magnetic field or gravity. With AI, a BEC system could be set up quickly each morning and the machine would compensate for any overnight fluctuations, allowing it to be taken out into the field. It's cheaper than taking a physicist everywhere with you. The researchers also found that AI came up with ways to create BEC that surprised them. The earth took millions of years to take shape and it took millions of years for the humans to evolve but the pace at which the technology develops is tremendous. There are technology updates every 30 minutes and there are new technologies coming up almost every day. The important thing is that we need to keep in touch with the nature because few people create technology and billions of people get addicted to it. Note that there are many things that we don't know but we can learn stuff by doing what you did just now.....Reading.



The Boy and the Sparrow

There was a boy who lived in a small village and he lost both his parents in his childhood. He had drastic changes after the death of his parents. He started living in an Ashram where he felt so lonely. While seeing others' parents, he missed his parents a lot. His heart was hailing to dispatch his loneliness.



So he used to stroll down in the Ashram premises. His favourite spot was a banyan tree and it was located near the ashram. It had spread its branch so intricately that birds built their nests. The humming sounds of the birds made everyone feel like they were in a paradise. The boy used to sit under the tree whenever he felt lonely. It was a sunny morning and the sky was clear. When the boy sat under the tree, a sparrow came near the boy and asked "Why are you sad..?" He replied, "I don't have any friends and no one speaks to me". The sparrow felt sad and they became very good friends. They met every day and spent time together. The sparrow had lots of sparrow friends whereas the boy had only one friend, the sparrow. One day the sparrow migrated with his friends to another place. The boy looked for the sparrow near the tree and other places but he couldn't find it anywhere.



Weeks passed but the boy couldn't see the sparrow anywhere and he started feeling lonely again. On a fine day, the sparrow had its ride back to the village but the bird couldn't find the boy and both had a tireless search for each other already.

The Boy and the Sparrow

One day, the sparrow saw the boy, while he was walking on the road. The sparrow flew close to the boy and called him. The boy started crying as soon as he saw the sparrow, as he thought the sparrow was his life. On the other hand, other sparrows never liked the boy as he was a human being. They told the sparrow that it's the humans who destroy the forest and kill them for food. This has left the birds and animals without a habitation to dwell. So the other sparrows didn't allow the sparrow to speak with the boy. Slowly, the sparrow believed their friends and avoided speaking to the boy.

The boy's life was soaked in misery and he again started feeling alone. Few days later, the boy found the sparrow alone and asked the reason for avoiding him but it just flew away without answering him. The boy was not able to live without the sparrow. One day, the sparrow realized its mistake and came to see the boy. When it found the boy, it started crying as the boy was already dead. The boy was fully covered by the dried leaves that fell on him and out of sorrow, the sparrow also passed away.

Deforestation is the talk of the town and global warming is the outcry from the nations but the destruction still continues and the damages are already done. It's time to go hand in hand with nature. It's time we realize that if only we protect nature, it will protect us from natural calamities in the future.

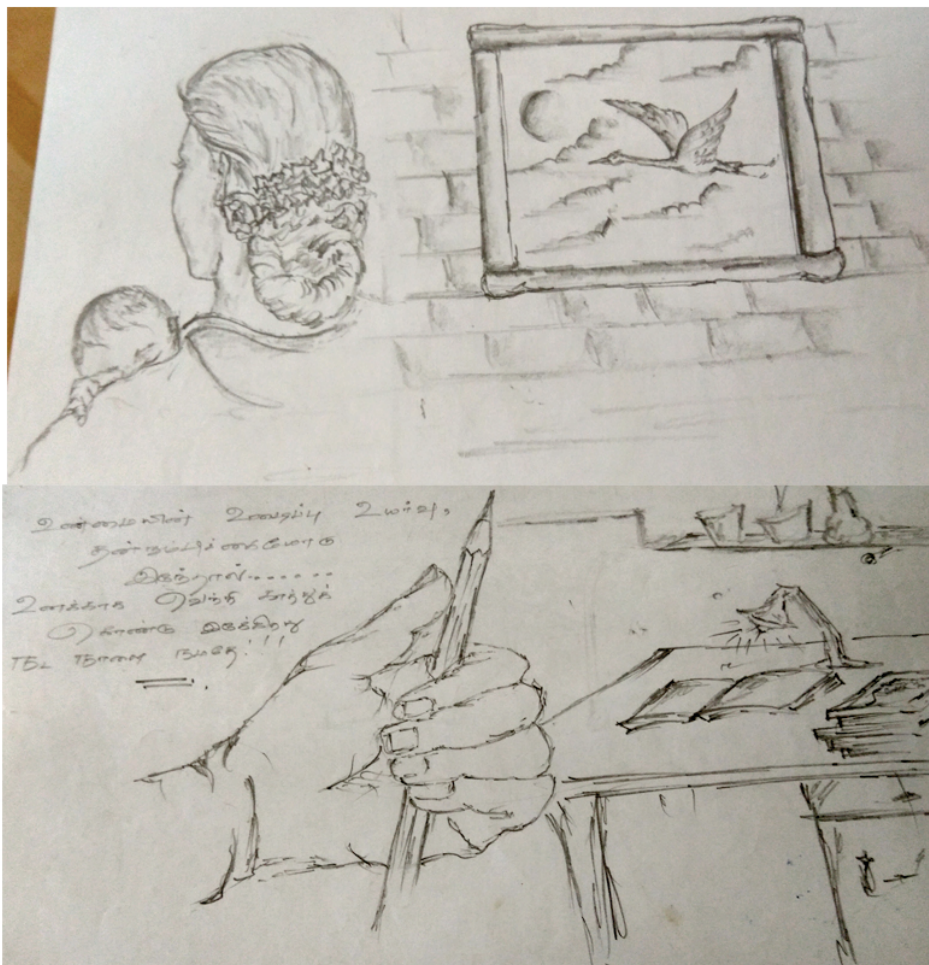


PRAKASH RAJ
III MECH

Act now or you will
never see them.
Guess who is next?



MADURAI VEERAN V
II EEE



VIMALA
I ECE

Puzzle corner

Let's Learn Some New Words

Cebotage - n. - coastal navigation; the exclusive right of a country to control the air traffic within its borders.

Impignorate - v. - to pawn or mortgage something.

Macrosmatic - adj. - having a good sense of smell

Pauciloquent - adj. - uttering few words; brief in speech

Xertz - v. - to gulp down quickly and greedily

Puzzle Solutions (October)

Clues	Solutions
IN AN UPPER CLASS WAY	POSHLY
RUINED	SPOILED
SPEAK AGAINST	CRITICISE
On Fire	ABLAZE
FORM A THEORY	POSTULATE
EXTREMELY WET	SATURATED
QUICK GRAB	SEIZURE
ACTIVELY HAVING A BABY	BIRTHING
OUTMODED MAGNETIC MEDIUM	CASSETTE

Let's Learn Some Idioms and Phrases

Caught between two stools - When someone finds it difficult to choose between two alternatives.

Sit on the fence - This is used when someone does not want to choose or make a decision.

Picture paints a thousand words - A visual presentation is far more descriptive than words.

Let the cat out of the bag - To share information that was previously concealed

Feel a bit under the weather - Feeling slightly ill.

USE THE BLOCKS AT THE RIGHT HAND SIDE
AND FIND SOLUTION FOR THE CLUES GIVEN ON THE LEFT

CLUES	LETTERS
LAMENTED	7 LETTERS
PART OF A TOWN	7 LETTERS
SHEETS AND BLANKETS	10 LETTERS
VERY TALL BUILDINGS	10 LETTERS
CLOUDY	8 LETTERS
SPEAK VERY SOFTLY	7 LETTERS
MAKES A CHOICE	7 LETTERS
CAUSING HARM	8 LETTERS
BOARD	5 LETTERS

TER	PL	WH	SC
RA	ST	CLOT	QU
ER	UR	MA	AR
BED	ANK	CI	HES
ING	OV	DES	PER
DE	IS	MO	DA
CA	SKY	NED	PER

Poetry

டாக்டர். A.P.J. அப்துல் கலாம்

அறிவின் திருவே,

எங்களின் குருவே.

இந்தியாவின் ஜனாதிபதியே,

இளைஞர்களின் முன்னோடியே.

உயிரின் இலக்கணமே,

ஏவுகணையின் உயிரே.

அணுவின் அரசே,

அறிவியலின் புரட்சியே.

ஏழைகளின் நண்பனே,

எங்களின் அன்பு கலாமே.

நீதான் இந்தியாவை உலகிற்கு

அறிமுகம் செய்தாய்

நீதான் இந்தியாவை

உயரப்பறக்க வைத்தாய்

நீதான் இந்திய கனவுகளுக்கு

சிறகு கொடுத்தாய்

நீதான் இந்தியாவின் பலத்தை

உலகிற்கு பறைசாற்றினாய்

எப்படி தீர்ப்போம் இக்கடனை

எப்படி மறப்போம் உம் தியாகத்தை!



கா. சத்தியசீலன்

I CIVIL

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