

INSIDE THIS ISSUE



CRUSADE

ISSUE 74 VOLUME 75

JANUARY 2019

- | | |
|------------------------------------|------|
| 1. INDIA A NATION OR NOTION | - 01 |
| 2. IMPORTNACE OF WORK LIFE BALANCE | - 04 |
| 3. THANJAVUR BRAHADEEESHWAR TEMPLE | - 07 |
| 4. CREATIVITY FOR A NOBLE CAUSE | - 10 |
| 5. ROAD SAFETY | - 12 |
| 6.DECISION MAKING | - 15 |
| 7. EVOLUTION OF MONEY | - 17 |
| 8. BE PASSIONATE | - 20 |



MR. K. ARULKUMARESAN

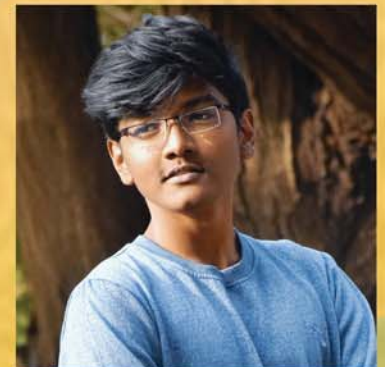
COORDINATOR - CIBIE

FEATURING INDIA A NATION OR NOTION



WISE TALK

IMPORTNACE OF WORK LIFE BALANCE



DINESH KUMAR E

I EIE

DINESHEDDY46@GMAIL.COM

INDIA, A NATION OR NOTION

"The full soul loathes a honeycomb;

but to the hungry soul every bitter thing is sweet."

INDIA has celebrated the 70th Republic Day this year, a proud feat for every citizen of this nation for 77 years ago this land was in utter chaos, ripped apart by the vested interest in the name of caste, creed, language and religion. While we were fighting among ourselves to uphold our differences, the outlanders made merry smuggling the resources of this land. The factions of erudite of this nation who were smug content with their pusillanimous attitude, set aside their paltry grudges and rose to the occasion to free the people subjected to oppression and suppression by indispensable tyrants centuries after centuries.



It was an agreement we all arrived at to live together as a country abiding by a judiciary constituted by great minds of this land anticipating to make a shining bastion of hope and democracy. The boundaries were drawn resulting in world's largest exodus, whereby millions and millions of lives were sacrificed in the process of purging the bitter abhorrence among communities. The dust settled, priceless peace returned, gave people food for thought that centuries passed away longing for free air to breathe, and basic needs such as food, clothing, shelter and a life without fear.

INDIA, A NATION OR NOTION

I reckon the people who lived through both the era of pre-independence and post-independence only could fully appreciate the freedom accomplished through unmatched sacrifice and perseverance. It is disheartening to see sometimes when present generation takes things for granted. India or Bharathvarsh was just a notion before it became a nation, and it was agreed by policy makers that land will be divided linguistically since language binds the people more than anything else. Subsequent to which the law of the land was put down viz; Civil, Common, Criminal and Statutory law. After 70 years of implementation we are still fairly new to this westernized democracy.

As a society we are still in a dilemma whether to do away with the old sinful practices of Khap Panchayat, bribery, lynching, violation of rules in any form.



Predominantly, there are only two categories of people in this country those who are cognizant of the law and the other, a novice, the former takes advantage of the loopholes and the latter takes the law into their hands. The future of this nation is in the hands of the younger generation, the last ray of hope who can bring in a change reinforcing the importance of tolerance, protecting the social fabric of this land, and make it a national movement to abide by the law of the land and restrain anarchy from sprouting back. We have lost enough in the process of nation building, today we have enough challenges to face, thrown at us by our unjust and unfair neighbors, thus adding salt to injury on ourselves is meaningless.



C
R
U
S
A
D
E

INDIA, A NATION OR NOTION



It is reassuring when we hear that noble men like the 73-year-old Librarian from Sri-vaikuntam donated his entire salary all his life for a charitable cause, a noble young man from Tamil Nadu gives shelter and food to mentally challenged straying on the road, and three youngsters from Coimbatore collect excess food from events like parties, weddings, etc. and distribute the food among needy. At a time when the common men of this nation are perplexed if the ruling regime is sensitive enough to care for the welfare of its people or just turns a blind eye to the most pressing ailments of the society. It is the kind gesture of a few magnanimous and philanthropic people like the above mentioned, restores faith in Humanity. India does not become a nation due to its geographic demarcation but by the faith reposed by the citizens that we are Indians and at no cost should we jeopardize our sovereignty.

Strength does not come from physical capacity, it comes from an indomitable will.

- Mahatma Gandhi

Mr. A. Arulkumaresan

Coordinator - CIBIE

akr@mcet.in



IMPORTNACE OF WORK LIFE BALANCE

The work life balance can be explained as the balance consisting of 4 quadrants namely health, Work, Family and Friends. Is it difficult to balance this cycle?

People may think that they can balance these four quadrants but it turns out to be vague. This cycle turns out to be even edged for all quadrants. If a person desires to focus on his personal health, he has to be convinced to put his maximum potential in his work. The reason I am quite confident in this explanation is that, a person for instance, wanting to become a good and a responsible parent, given the amount of work and commitments, might not concentrate in his personal health nor afford to spend quality time with his friends, kin and kiths.



In order to balance this cycle a person has to follow certain tips such as hiring assistance for sharing works and allotting weekends for spending quality time with friends and family and can balance his health conditions by subsisting nutritious foods in his diet. People may think that, they could do everything and accomplish their TO DO LIST if only they could have extra time beyond 24 hours in their wallet. There is a solution to this delusion which is to shift their focus from wishing to have more time rather than maximizing the time they already have.



IMPORTNACE OF WORK LIFE BALANCE

The seasons of life

Here is another way of loving your living in this world. Life is just a long voyage of hopes Dreams and Disillusionments in the tides of Time. Traveling it with colorful component of optimism would make the sailing smooth and exciting. For instance when you are in your teenage period having fun with your friends is exciting , during our middle -age spending quality time with family would be meaningful. likewise, during the twilight period, sparing time with the better halves and the grand children would make life cherishable. Learning to take life as it comes with awareness of its transience & elusive nature and living each present moment meaningfully is the formula for a peaceful living.



Hence Learn to celebrate your life in all seasons of life for it's a gift of Time not be wasted in distress nor in lamentation of the missed opportunities to be happy. Life has various stages, choose wisely what you are about to do in them. You can easily get into shape and can concentrate in your career in your 20s and 30s. And in the later part, the creed and commitments of life would set things right. Thus when looking back in introspection of what life has offer you and how it has been taken ,you will have proud moments left that has truly mounded you into a real, responsible men & women . you will feel proud of yourself for investing your time wisely .



C
R
U
S
A
D
E

IMPORTNACE OF WORK LIFE BALANCE

These quadrants in the work life balance reveal one thing clearly. Though it is bitter to hear, one cannot enjoy all the four quadrants at the same time. Nobody likes being told that they can't have it all, but everyone has constraints in using their time and energy. One must etch this in his mind – “every choice has a cost”. Life has its own destined way to make people live it. It is filled with tradeoffs. If you are not concentrating on the right path then you will be forced to track your path in your career.

"I work harder and I'm more committed when I have a work-life balance."

- Jessica (Middletown, MD)

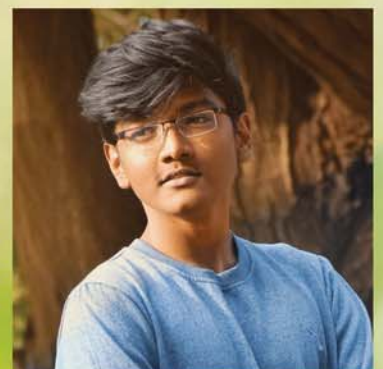


Or you'll have to choose between two ways of living, the first one - living a life that is balanced but devoid of maximum potential at a particular field and the other is partially balanced but being more significant in a particular field which will make you gain more goodwill ,confidence & fame. Everyone wonders to keep the four quadrants alive in a good and balanced state, but even accompanied by tireless hard work it is quite complex to achieve. But making smart tradeoffs can greatly remove the rough tides in the voyage of life.

DINESH KUMAR E

I EIE

dinesheddy46@gmail.com



THANJAVUR PERIYA KOVIL

BRAHADISVARA TEMPLE

“Whenever a temple is built, it drives away the darkness”

The great Brahadiswara temple was built by Raja Raja Chola. It took six long years for the completion of this beautiful monument. In the year 1010 AD the construction works had been completed. Names are the sweetest and most important sound in any language as such this temple has special names such as Brihadeeswaram, Rajarajeswaram, NilasaayaGopuram and ThenthisaiMeru. Nowadays the temple is commonly known as Peruvudaiyarkovil by the native.

When we look at history, we can see lot of engineers and architects who made their architectural achievements stand for ever. In this way the engineers Kunjaramallan and Raja Rajaperundhachan who had built this architectural wonder stand tall and everlasting in our memory lane. The temple is of 500 feet length and 250 feet breadth. When we get inside of the temple, a 13 feet height and 16 feet breadth Nandhi receives us. The entire temple is made up of granite it costs 60 thousand tons. On the top of the temple, a stone placed which weighs about 81 tons. Engineers of modern time are awe-struck at the fact as to how such a huge monolithic stone weighing several tons to have been lifted up and kept at the top without any modern technologies. The vimana built over sanctum is one of the tallest temples ever built in south India.



THANJAVUR PERIYA KOVIL

BRAHADISVARA TEMPLE



The fact that the shadow of the Vimanam never falls on earth remains a mystery till date and is being reckoned as the stand out USP of this Temple. One could hardly remain unperturbed by The willing Suspension of Disbelief coming to grips with the fact that the building was not built with any kind of building materials but stones. The seemingly obvious technique used to build such a majestic architectural monument is nothing but interlocking stones. The present day civil engineers must take cues from this antecedent monument for posterity. This temple houses numerous paintings and sculptures in it. There are lot of mesmerising paintings one can find inside the temple. One of the best paintings is Raja Rajan with Kurunthevar. These paintings are considered to be equal to Agenda cave paintings. It is believed that the Chola king Raja Rajacholan was a devotee to lord shiva. After building the temple, Raja Rajan had conducted most of the major functions in that. In the eastward wall of the temple, stands Lingodbhava statue (Standing Shiva) with two dvarapalas flanking the pathway from Ardhamandapam. The south wall contains Dhakshinamurthy, the west wall has Harihara (half Shiva, half Vishnu) and in the north side, there is the statue of Ardhanarishavara (half Shiva, half Parvathi). The spectrum of sculptures and mural paintings would leave us breath-taking and absolutely spell-bound.



C
R
U
S
A
D
E

THANJAVUR PERIYA KOVIL

BRAHADISVARA TEMPLE

The Lord shiva's statue is of 12 feet height. It shows that the total count of Uyire-luthukkal in Tamil is 12. Shiva Lingapedam (pedestal) is of 18 feet. It denotes Mei eluthukal 18. Height of Gopuram is of 216 feet. It means Uyirmeieluthukal 216 letters. The total distance between the Lord shiva and the Shiva linga is 247 feet. Total letters in tamil is 247. These are all the unique facts about the King Raja Rajachola's passion and devotion for Tamil language. This temple is a part of UNESCO world heritage site known as the Great living Chola's Temples. It is one of the most visited tourist attractions. In the year 1954, the Reserve Bank of India released a 1000 currency note featuring a panoramic view of the Brihadeeswar temple marking its cultural heritage and significance.

This temple remains not only as a standing testimony of the outstanding architectural specimen of chola Dynasty but also for the tenacity of devotion and disciplined living as it stands the test of Time for centuries together. This temple has survived 6 massive earthquakes and huge inferno. The charisma and the sheer spectacle of the Big Temple as it is fondly revered and raved about will continue to enchant and captivate millions of devotees, travellers, architects, statesmen and art aficionados in and around the world for eternity

My building will be my legacy.... they will speak for me long after I'm gone". This could have been the perfect epitaph for the great King Raja Raja Chola had I to erect a memorial for the mighty king!!!

M. JAI VISHNU
I EIE



CREATIVITY FOR A NOBLE CAUSE

School Cluster Project (SCP) is a CSR activity of our campus that has adopted some of the underprivileged Government Schools to provide them necessary support to groom the students to pursue education without interruption. One of their challenges is the shortage of teaching- staff, hence we have come forward to supplement by empowering some of our NSS Volunteers to visit the schools at regular intervals and teach the students science concepts through teaching aids made by them.



In order to increase the number of teaching aids for the ongoing alternative -teaching support to these schools ,SCP Team proposed to organize a Science Model Making Contest for all the first years of NPTC and MCET students, choosing topics from 9th, 10th, 11th and 12th standard. It was deeply felt that this attempt would evoke the creativity in the students that would motivate them to dwell deep in the subject.

The announcement to all the first year students was made on the 25th of September. There was an overwhelming response from the first years of NPTC and MCET. We finally had 45 teams comprising of 110 students who were readily expressed their interest to take part in the contest and make 45 different models. An interim review was planned on the 5th of October, finally the students were asked to submit the completed models on 12th of October.

CREATIVITY FOR A NOBLE CAUSE

On 13th of October the assessment of the models was carried out. The assessment Panel comprised of 4 teachers of whom, 2 were from NIA -High School and 2 were from NIA- Higher Secondary Schools. The rubrics for evaluating the models were set viz; Relevance of the model to the concept, Creativity, Durability and Ruggedness, Portability and Safety, and the Cost.



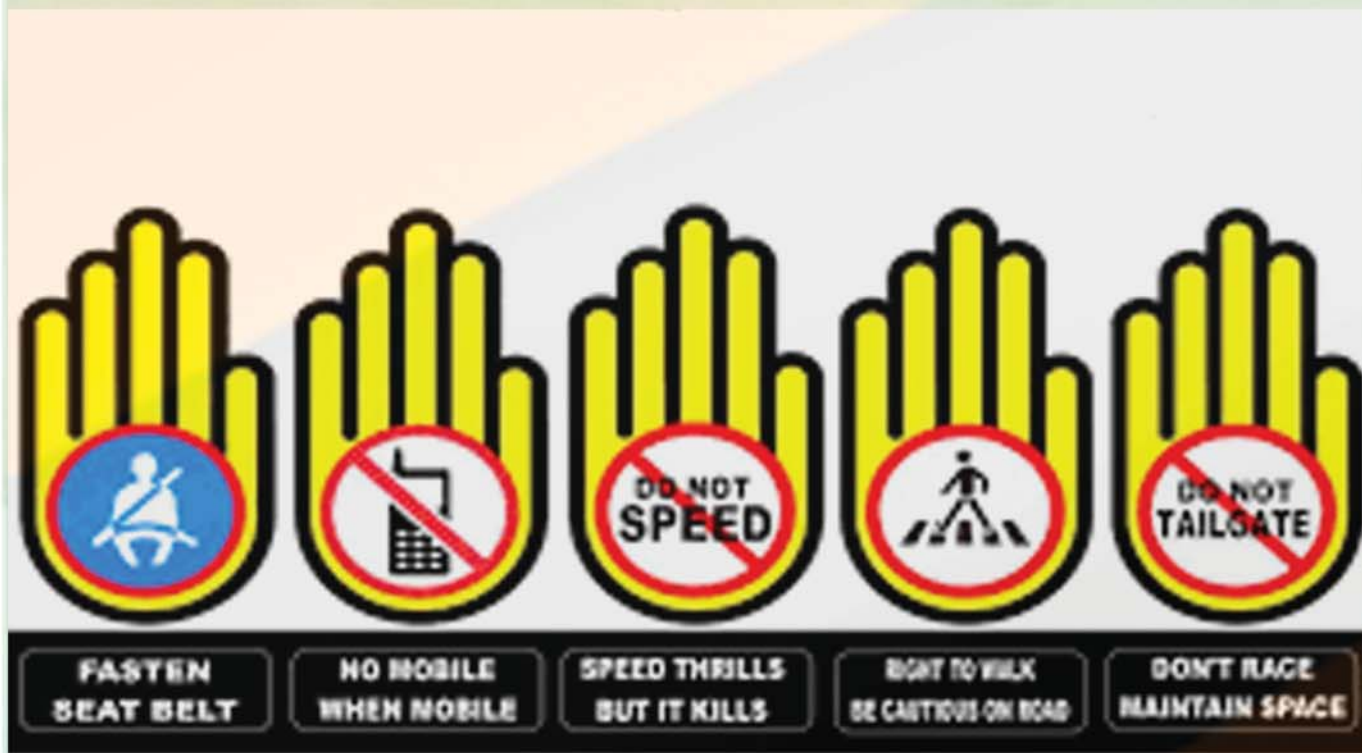
All the participants enthusiastically demonstrated their models and it was an amazing array of creative work by young minds. Three student groups, each from NPTC and MCET were adjudicated for first, second and third places respectively. All other student-Participants were given gifts and certificates as a token of recognition for their achievements. What started as a simple thought process was elevated to a new dimension by Dr. A. Rathinavelu, Principal, MCET and Dr. M. Ashok, HoD (Mech), NPTC who motivated the students through their words and gave away the prizes and gifts for participants. School Cluster Project Team, has created 45 working models and as per the direction of the Principal, an expo to showcase the models for the benefit of all the students of NPTC and MCET has been stalled. Thanks to all the members of SCP, faculty of S&H, teachers from NIA Schools, HoDs of first year and Principals of both the institutions and Secretary, NIA institutions for their support to help us translate and concretize what began as a mere conception into resounding reality.



MR. K. ARULKUMARESAN
COORDINATOR - CIBIE

ROAD SAFETY

Human civilization is fraught with fatalities from road-traffic accident. Some countries have managed to make progress in mitigating the number and severity of road accidents but the situation in countries like India is alarming and even getting worse. Road safety is the prevention and protection of road accidents by using all the road safety measures. It will be helpful to people while traveling on the roads. It is to ensure the safety of all the road users such as pedestrians, two-wheelers, four-wheelers, multi-wheelers, and other transport vehicle users.



Practicing road safety measures is very good and safe to all people all through the life but most of the people lack awareness towards this, resulting in accidents. Everyone should respect others while driving or walking on the road and take care of their safety. People safety on the road is one of the most important aspects in order to avoid road side accidents, injury, and death. We can judge the importance of road safety on the basis of national statistical data about the total reported accidents and death. Two wheelers account for 25% of total road crash deaths. Almost 42 cases involve pedestrians and one way road users. Nowadays most of the pedestrians use mobile phones while walking.

ROAD SAFETY

This reduces the cautiousness towards roads. And also pedestrians should use foot-path to walk. But people walk on roads when they find it empty. This increases the risk of accident. Do you know one thing? 16 children die on Indian roads daily. 5 lives end on Indian roads every day. There is one death every four minutes due to road accident in India. This is where we live.

Top 10 Cities with the highest number of road crash deaths:

Delhi

Chennai

Jaipur

Bengaluru

Mumbai

Kanpur

Lucknow

Agra

Hyderabad

Pune

Practicing Road Safety is more important than Preaching it



One serious road accident in the country occurs every minute and 1214 road crashes occur every day in India. 20 children under the age of 14 die every day due to road crashes in the country. There are various methods of creating awareness among common public such as seminars, workshops, students education by adding basic road-safety lessons to syllabus, make people aware about green cross code means stop, look, listen, think and then cross, learning of traffic lights, understanding of road signs, etc. Following all the road safety measures help a lot to protect all the road problems.

ROAD SAFETY

Some effective measures of road safety are like basic awareness about vehicle, defensive driving according to weather and road conditions, use of vehicle lights and horn, wearing seat belt, proper use of vehicle mirrors, avoid over-speeding, understanding traffic signals, maintaining distance of vehicle on road, proper understanding of crisis management, broadcasting awareness documentaries on TV, etc.

What is happening on our roads is not a series of unlucky mishaps but somehow inevitable accidents; rather, it is a public health crisis that is taking a catastrophic toll not only on individual victims but also on societies as a whole. To understand the seriousness of road safety, remember 377 people die every day, which is equivalent to a jet crashing every day. As students, it is our responsibility to create awareness among people and abide by the rules ourselves.

“Stop Accidents Before They Stop You”

Reference

Link :

<https://www.prb.org>

<https://en.m.wikipedia.org>

<https://www.nap.edu>

<https://roadsafety.piarc.org>

Hand-outs:

PRS Legislative Research Hand-outs

S.YUVAPRABHA

I EEE B



THE DECISION MAKING GUIDE

“Your life changes the moment you make a new, congruent and committed decision”

HOW TO MAKE SMART DECISIONS AND AVOID BAD ONES

This article gives us a clear cut idea about making a better decision..... Now let's know what does Decision Making- the action of making decision is all about. At times, we make decisions based on logical thinking however there are many a times we make emotional, irrational and confusing choices leading to erroneous decision making. This article explains why we make poor decisions and also helps us make proper and effective decisions which actually be life-turning moments.



Firstly, let's look at the reasons behind making poor decisions. Considering the amount of researches carried out recently, the researchers and economists believed that humans begin by and large make logical and well considered decisions. However, it could go otherwise. Here are few instances that have been cited from recent researches on poor decisions making.

Numerous psychological studies have proven that we often tend to overestimate the importance of events we can easily recall and underestimate the importance of events we have trouble calling. This explains us about a simple strategy that we can use to spot our hidden assumptions and prevent ourselves from making an illusory correlation.



THE DECISION MAKING GUIDE



Two Harvard professors contend that one of the reasons why we make poor decisions is that our brains love to procrastinate. They also reveal that we have tendency to care too much about our present selves. If we want to beat procrastination and make and better long term choices, then you have to find a way to make our present self-act in the best interest of our future self.

The smartest way to improve our decision making skills is to learn MENTAL MODEL. A mental model is a frame work that helps to explain how the world works the way it does. Each mental model is a concept that helps us make sense of the world and offers a way of looking at problems of life.

**"GOOD DECISION COMES FROM EXPERIENCE AND EXPERIENCE COMES FROM
BAD DECISION"**

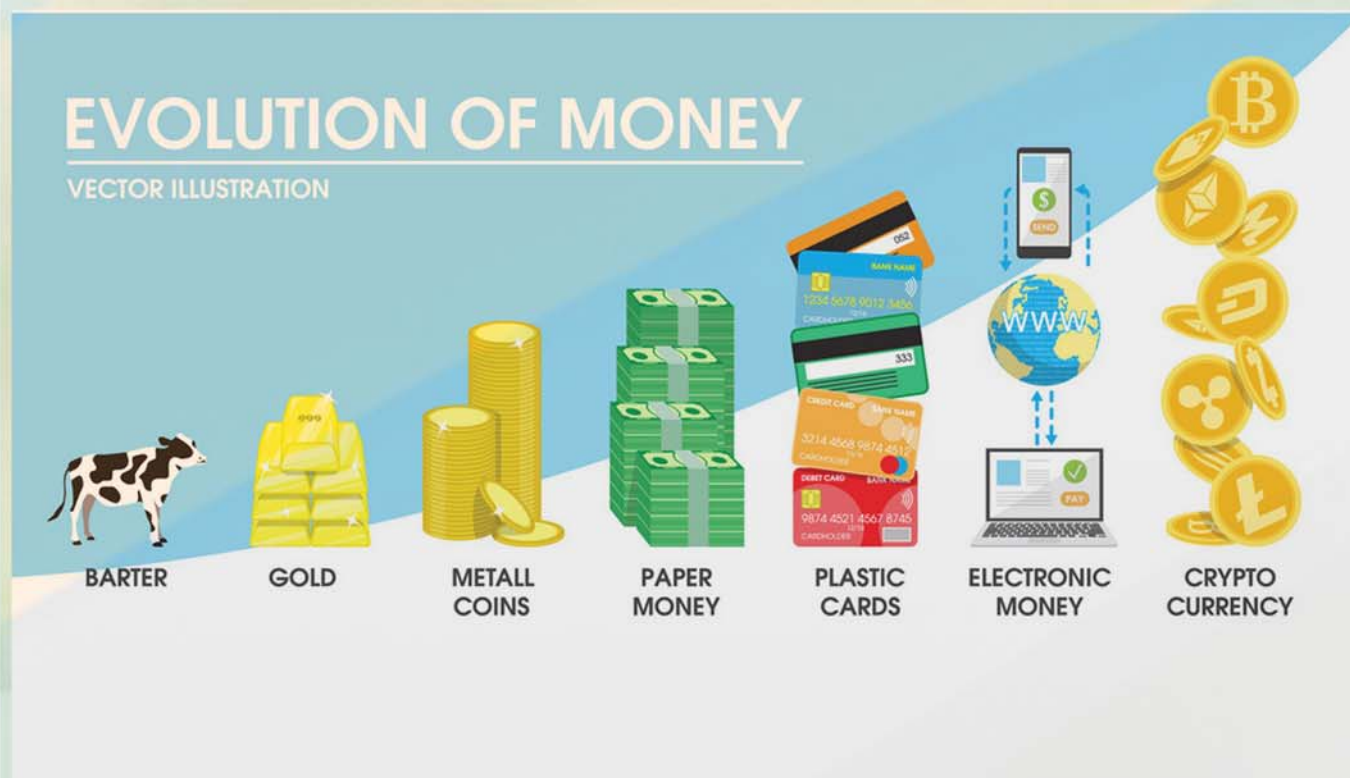
K.SARNIKA
I B.TECH IT



EVOLUTION OF THE PRICELESS MONEY

From being introduced to this world as a medium of exchange to facilitate the exchange of goods to its transformation as the most invincible power that rules the world, MONEY has witnessed an ample number of evolution cycles. Money, as always thought and said, is a medium developed to buy the required goods and services. But money has a long history of progression that cannot be overlooked.

“Money is never everything; but everything needs money.”



Money has an important role to play in everyone's life; for it is something that every person strives for. But acknowledging the evolutionary aspect of money can actually help us realise that humans created money to fulfil their basic needs and that human beings should no longer remain under the control of money.

Ever since this mighty universe came into existence, people have been practising the act of exchanging goods to cater to their daily needs and emergencies. However, in the initial stages of human existence, exchange of goods did not involve the use of money. Homo sapiens accepted goods in exchange for the other much-needed goods; often ignoring the actual value of the goods bought or exchanged. This practice christened the Barter System and the goods exchanged in need of other goods were called the 'Commodity Money'.



EVOLUTION OF THE PRICELESS MONEY

Nevertheless, the barter system had certain inadequacies and pitfalls which led to the incorporation of the Metal Money in this exchange system. Coins, often made of copper, silver and gold, were used as a medium to facilitate the exchange of goods. This practice, in contrast to the barter system, restored the actual value of the goods bought. Coins with the value equal to that of the good were exchanged for the good. Consequently, with the evolution of time, Currency note or the Paper Money was introduced. This emerged to become an efficient practice in the wake of the modern era. Like the coins, currency notes were also used as a medium of exchange and a measure of value to buy and sell products but the currency notes, in sharp contrast to the coins and commodity money, began gaining a universal prominence. People across the globe started using paper money to buy and sell goods. This practice of using currency notes became so overshadowing that people started becoming oblivious of the actual role of money in one's life. People, these days, have become so lured into making money that they don't even realise the importance of spending quality time with family.



EVOLUTION OF THE PRICELESS MONEY

Moreover there arose a situation where tons and tons of money had to be transferred for important purposes. Consequently, the volume of money transactions increased manifold and as a result, manual transaction of money became tedious. This led to the incorporation of the Bank Money method in this exchange practice. Usage of bank money involved transactions of currencies from banks to banks without having to be transferred manually. With globalisation, bank money began taking the shapes of credit cards and debit cards. These have been the various evolutionary stages of money. Though one might even think that getting to know about how money evolved is not necessary at all yet learning about the various evolutionary forms that money has taken is actually more crucial than earning the money itself. Money was introduced for the mere exchange of goods and products though, it has grown to become the most powerful weapon that can make or even mar anyone's life.

Money has become indispensable and is regarded as something that no one can live without. However, money can never replace the values of life, the principles the disciplined and matured people uphold, and most importantly the love and care of our well-wishers. **"If you want to feel rich, just count the things you have that money can't buy."** Money, as a matter of fact, is very essential to live; for it has become one of the basic needs of life. Be that as it may, one must never let money gain control of oneself. When people start dancing to the tunes of money, money will become the indestructible dictator of the world. Earn money, spend it wisely, but never become its puppet nor a pauper.



AISWARYA GANESH

I IT B


BE PASSIONATE

Passion is the most valuable thing in an individual's life. It takes more time to do any task only with the help of knowledge. But it takes very less time to do the same task with knowledge and passion. Being passionate makes us achieve a lot of precious things at every stage of life. "A person without passion is like an eye without vision". Our life on earth is not just a span of period but it's full of opportunities. It's our first and foremost duty to shape our life with all the good things that we have. Our happiness lies within ourselves and it should be independent of others' actions. The real happiness is felt only when achieving one's goal. Every day is a gift and it's not for keeping idle but for spending fruitfully. Here comes a query! What is passion actually? It is identifying one's own interest and skills through a deep analysis about oneself and creating an identity by working on those interests and skills through which one can reach out to many people without any expectation from anyone .

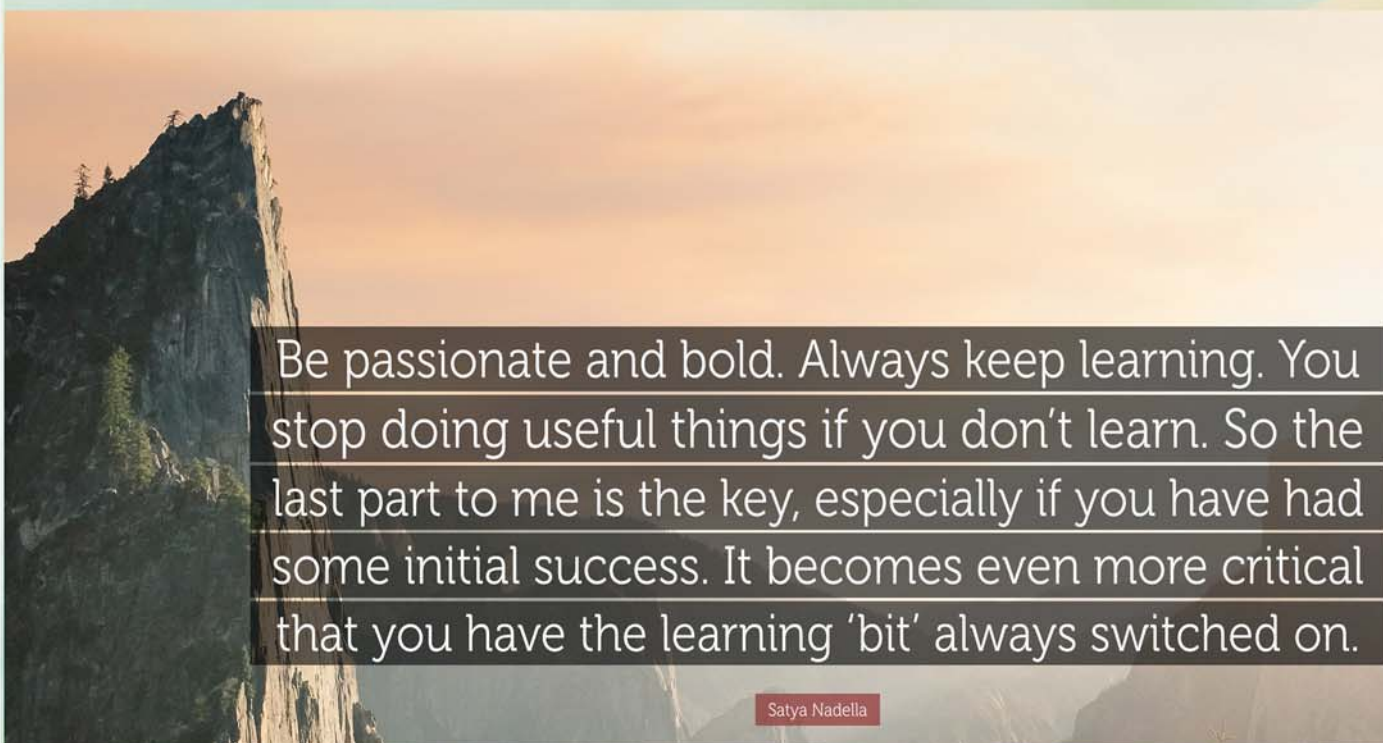
PASSION IS THE BEGINNING OF SUCCESS



BE PASSIONATE



Every human being is blessed with unique talents. One who identifies one's skills one becomes smarter and the one who identifies and works on it becomes the master. "Every master was a beginner once". Never put yourself down by comparing yourself with others because all the fingers are not of equal length. Similarly, all of us need not necessarily be provided with the same talents and interests. Our goal in life should not only be dependent on money, lifestyle, habits and situations, instead, it should be skill oriented which is driven by passion. Time is what actually leads life where planning to make use of the time allotted is what makes life victorious. Proper plans and hardwork in a smart way will lead one to the destination as soon as possible. At every stage of one's life, a bed of thorns has to be crossed to reach the goal. Surely, your journey will create a history if you are passionate about doing things. People may make fun of you, mock you, laugh at your passion but never worry or feel discouraged. Even the iron becomes harder only when it is heated and beaten so much. "Passion makes you brave, strong, committed, resilient and considerate".



Be passionate and bold. Always keep learning. You stop doing useful things if you don't learn. So the last part to me is the key, especially if you have had some initial success. It becomes even more critical that you have the learning 'bit' always switched on.

Satya Nadella

BE PASSIONATE

“ Arise !when you fall

Beware !when you believe

Cheer out !when you try

Do it !when you decide

Encourage !when you look

Fullfil ! when you dream

Give !when you get

Help! when you can

Initiate !when you need

Join!when you isolate

Kick off! when you fear

Learn !when you fail

Make !when you have

Navigate! when you miss

Observe! when you watch

Perform!when you practice

Question!when you listen

Relax!when you stressed

Succeed !when you worksmart

Think !when you hear

Understand !when you confuse

Visualize! when you think

Win! when you reach

Xplore!when you come_out

Yours!when you bring up

Zeal!when you create “



C
R
U
S
A
D
E



**PRIYADHARSHINI T
III IT B**



CRUSADE

ISSUE 74 VOLUME 75

JANUARY 2019

EDITORS



MS.S.RENUKADEVI
AP/ENGLISH
renukadevi@drmcet.ac.in



MR. M. RAMESHKUMAR
AP/ENGLISH
kewinramez@drmcet.ac.in

