

KLU HORIZON

STUDENT MAGAZINE 2017



K L University

(Deemed to be University estd, u/s. 3 of the UGC Act, 1956)
(NAAC Accredited "A" Grade University)



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Collated by



Vachas

MESSAGES

*“imagination, creativity and art together
can make wonders”*



ER. KONERU SATYANARAYANA
President, KLEF

Dear Reader,

A great speaker and a great writer can influence the whole nation. Writings have their own prominence since the beginning of the time. Art is a beautiful collaboration of imagination and creative skill and every student has an in store of these abilities as a treasure. Such students should be given a platform to express their views and enrich their talents. This magazine brings out such talents and gives not only a brief of the happenings in this university but also about the emerging trends. The efforts put forth by the students will be fruitful in making them to reach epitome and it becomes a jewel of this university.



Dr. L. S. S. Reddy
Vice-Chancellor, K L University

*“...to make this magazine a successful one and
preserve the pride of the university”*

Literature is an expression of the mind and art is the expression of the heart. The blend of literature and art brings out everything a person has inscribed deep within. This magazine is an effort to activate the dormant talents and encourage the students to bring out their thoughts. It is a result of enormous effort by the students who have been working in the background from days together to make this magazine a successful one and preserve the pride of the university.



Dr. A. V. S. Prasad
Pro Vice-Chancellor,
K L University

“...the unique platform where the students can come out with flying colours.”

Behind every feeling of the heart, there is a hidden story with a deep lesson and an unsung rhythm from decades. This magazine is a way the university encourages the students to bring out their latent talents of writing and drawing. This has been possible by the tedious efforts of the students working to publish the pride of this university as the magazine. I wish them all the very best and hope that the magazine would continue to shine as the unique platform where the students can come out with flying colours.

“Patience, persistence and perspiration make an unbeatable combination for success.”



Dr. K. Sarath Kumar
Dean P&D, K L University

Dear students,

It gives me inexplicable joy to see the students work together for the ‘Horizon’. This opens a new platform for all the students to show case their talents in expression of their thoughts in the form of words and captivate others by their art. This is another form of bringing the students together to work towards a common goal. I take this opportunity to extend my best wishes to the students who have worked to make this possible. Their efforts have brought out this blend of art and literature. I also advise all the students to show case their talents in the upcoming volumes of the book.

EDITORIAL

Standing tall with high-raised buildings amidst the green settings of a picturesque landscape, K L U is the hub of true knowledge blended with culture. This has been a convergence of different arts, skills and talents of students and acts as a melting pot of such flairs and bring best out of them. This centre of education saw many students come out in life with flying colours and some of them in unique fields of art and sport. The support and encouragement provided, nourished small ideas and created young entrepreneurs by providing the environment for budding aspirants. It has once again shown its benevolence by initiating the K L U student magazine "HORIZON" to show case the pride of university and project the multitude talents of the whole university. This HORIZON surely hits its target of reaching one's capabilities in their passionate domain. This is indeed a line of limit between sky and earth where the line never reaches to an end. With backing of its culture, it is ready to shape the young minds. First time the students from all the schools and colleges of K L University have worked together and covered all the shades of this beautiful green fields acknowledging that a student should possess the knowledge from every aspect for their development. This fete fosters and encourages emerging artists by giving them experience creating challenging environment. The efforts put into this magazine are certain to attain fruition.

Bhavitha Edupuganti
ECE- 13004232



A WORD FROM VACHAS

Putting words on paper is one of the toughest jobs on the planet; most people think it's harder to speak in public. In fact, that is what the statistics would have you believe. But, when you think about it writing comes with an immense sense of responsibility – what you put in words is always going to be on record. It will endure. Speaking doesn't work like that – what you say will be heard, but in most cases it won't be remembered. Irrespective of that, as a person it is very important to know what to speak, when to speak it; more importantly, when not to speak. We are Vachas – the literature club, a collective of minds that lives to learn and to teach in turn. Each passing year brings in new members – who bring in with them a new sense of individuality to the club, a beautiful jigsaw piece for which we make a perfect fit. We call ourselves a literature club, but in truth that is just a tactic to cover everything under the sun – reading, writing, speaking, debating, analyzing and of course, learning-in the most entertaining ways possible. We are very proud to say that we have contributed in bringing out the first edition of K L U Magazine, The HORIZON. It has been put into a shape through our efforts in segregating, drafting, compiling and proof reading. This was an opportunity given to us to show case our talents as the members of the club and project what we had learned as the members of the club. It is with the immense support of our team members and the faculty in-charges that this is all made possible.



R. Akhil
ECE- 13004494



Brahmani B H
ECE - 13004103

CLUBS

SWARA : *“MUSIC IS A RELIGION WHICH IS FOLLOWED BY EVERYONE”* and Swara club is an energetic and active club of musically talented students who meet up and make captivating songs. The main motto of this club is to display the musical ability of students and it has maintained this custom through the years. Swara club has been responsible to encourage the students to set a rhythm to their feelings in the form of songs and music

ABHINAYA : Abhinaya club is for the students who have a great passion in dramatics. This club is often known for it's scripts and there is always something new to offer up their sleeve. This club hosts different events that attract various participants from over the state.

CHALANA CHITRA CLUB : promotes and brings to light many of the unknown facts to light by encouraging the students to make short films based on these themes that address the hidden problems of the society. This helps to spread awareness among the young students who prefer the means of movies over any other form of entertainment.;

NARTHANA : *DANCE IS THE HIDDEN LANGUAGE OF SOUL”*. K L University students grab enormous opportunities to prove this through the established student body **“NARTHANA CLUB”**. It promotes culture with entertainment and let people show case their talent on a grand platform. The mission of this club is to promote culture and to elevate inherent talent within the students, to conduct activities which help in improving skills and help students to build up their spirit for actively participating in inter and intra culturals. Members of **NARTHANA CLUB** take a responsible role in promoting events and fests in a very pioneering way.

VACHAS : Vachas was established so as to create a thought provoking environment among the members of the club that would broaden the perspective in various realms of their lives. Thereby ensuring to instill the leadership qualities and dynamism in each individual. It also helps an individual to enhance the LSRW skills too.



Besides, all the Vachasians play an integral role in conducting the mega events in the University. They also help in bringing out the college magazine, placement panorama etc.

Bhargavi B
CSC- 14003065



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No.1 Private Engineering College in both
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SAMYAK



SAMYAK is the biggest techno-management fete in all of Andhra Pradesh, which sees a confluence of students from all over the nation. This provides an avid opportunity for students to show their technical and cultural expertise and a platform to learn through practice. Filled with colours, painting the skies with fun and frolic, this two-day fest drives home lessons of social responsibility apart from technical knowledge. One can witness the sun rise beautified with technical workshops setting away with awe and exuberance silencing after cultural extravaganza. Now eight years old, this fest enthralled and captivated once again with all its prominence.

The techno-management fete SAMYAK'17 with the theme INDUSTRY 4.0- DREAM, DIGITIZE, DEVELOP have proved its prominence in all aspects. It witnessed honourable guest Mr. Varun Gandhi, M.P. and students are highly motivated through his valuable speech. It had an average foot fall of around 2000 students outside the campus. The concert with the outstanding performance of Nakash Aziz have reached the limits of sky. The Samyak'17 has proved its muscle once again with more than 100+ events, workshops and cultural.

Vijay Sai Josyula
BT - 1400 1042



STARTUPS



Start-ups have always been hard. Even when you think you are putting in your best, it may not be enough to pull it off. Don't give up when you fail. The best of you comes out in hard times. Many students have set their mark in pitching the best ideas for the start-ups and have been successful in running them as well.

TENETHOST

It's a company which provides complete web development services and marketing services with the tagline "be it a personal blog or company we have a customised hosting plan for you". It aims at getting business online by providing them with complete end to end online services. Few services which include are custom web design, target visitors, speed optimizing, graphics designing, social media marketing etc., Mr. V Saketh (13003132) is working on this project to take it to the next level.

PRINTSKOOL.COM

This initiative founded by Mr. V Saketh (13003132) and Ms. S Srineha deals with delivering customized products to the customers. Customized products include custom design T-shirts, Mugs, Mobile, Laptop skins and car skins, Office stationary and a huge variety of gifts and photo Frames.

ISTHRIWALA

This initiative enables online service pertaining to washing and ironing. This start-up eliminates the risk of spending the leisure time for washing clothes. This project is carried out by Mr.Sriram Suravarapu (13003150) and Mr.Nihanth Vabilisetty (13003068). There other start up initiatives are TON METRI SOLUTIONS and REPAIR KAREGA

HOUSE DEKHO:

This start-up deals with the online services pertaining to searching a house for rent, Rice supply and tailoring services. Mr. Sainadh (13003295), Mr. Rajeev (13003410), Mr. V. Tirumala Rao and Mr. Harish (13003353) together are working on this project to make this a successful one.

SMART GREEN

This start-up deals with supply of green vegetables, flowers, fruits etc. and looks after the maintenance of the garden. This project is initiated and carried by Ms. C. Manaswith (13003579), Mr. K.Venu Likith (13003033), Mr. D. Vinay Sai (150030206) and Mr. T. Krishna Kiriti (13003379).

HUNGER BEE

This project is a brainchild of Mr. T Prudhvi Teja (13003237), Mr. Krishna Kiriti (13003379) and Mr. Viswesh which intends to supply different food items to customers through online services.**COST**

TAGS

It provides the customer a chance to purchase cost effective products by displaying the comparative prices of the same product from different retail stores across the world and is also planning to build a new Search Engine (CostTags.com) to serve its purpose in an easy way. This project is developed by Mr. M Surya Teja (150030560) and Mr. M Tharun (150030561)

BYB Parlour

BYB parlour is initiated this year with the tagline "Booking your parlour online saves your time and helps you to get the best quality of service". BYB Parlour is a start up by Ms. Y Bhavyasree (14003251), Ms. T Harshita (14003158) and Ms. B Sruthi(14003336) to make parlour bookings online.

ShopNearU

Instead of going all the way to a market, purchase is just a click away with ShopNearU where one can simply log on to the website/app, and order. Created by Mr. U Vinay Kumar (14003371), ShopNearU also guarantees seasonal fruits, vegetables, meat, groceries and household items delivery within one hour; alongside breakfast, bakery, restaurant and the sweet shops in 45 minutes.

PLANTSSHIP

A start-up with a noble intention by Mr. KVS Uday Bhaskar (12003458); is a creative company

that specializes in strategy and design to create customized plants for delivery. The founders believe in making the environment green in order to reduce global warming. Plants Ship is the one stop shop for all your needs regarding seeds and plants. They provide the best solutions within your budget. You can rest assured of excellent quality of products for establishing and maintaining your garden or farm.

BUDGET MELA

It is an online platform created by Mr. T Hemanth (150030876) and Ms. M Haneesha (150030545) with the tagline "the world at your budget" compares the costs of various commodities and enlist the best deals and lowest prices. It is a great means of saving time and money that would other be spent unnecessarily.

GOOFFER

A start-up by Mr. M Surya Teja (150030560), Mr. M Tharun (150030561) and Mr. Saifullah (150030591); GOOFFER is the perfect digital avenue to purchase clothing, electronics, foot wear, furniture, home-appliances, jewellery, baby-care items, etc. and their other remarkable initiative is KLUFN that helps students to catch up with their lost course work.

APPERALO

Apperalot lets you customize your own clothes with user friendly graphical user interface where you are allowed to customize your clothes according to your size. This innovative thought is brought forward by Mr. T.Bhargav (150030928), Mr. U Anurag (150030940), Ms. D. Smruthi (150030204), Mr. D Abhishake (150030223) and Ms. T Akhila (150030914).



S. Sowmya,
CSE-14003165



Demonetization: It's Worth it?

November 8, 2016, was the historic day when the Prime Minister of India- Mr. Narendra Modi announced a 50-day drive towards demonetization of the already printed old Rs. 500 and Rs. 1000 currency notes effectively from midnight of that date. The demonetization drive was basically put in action to end the fake currency circulation of the high denomination notes in the Indian economy and as a strict measure against the parallel or black economy. The meticulous planning and decisive decision of phasing out old Rs 500 & Rs 1000 bills took almost everyone aback. But even if the brilliant move was planned to curb black money, it came with its own problems. The sudden short term implication was the reduction of cash in hand. This caused a sudden drop in demand of small value items such as daily needs and groceries. Public sentiment was to start spending only on necessities. Also, it reduced cash in hand of small time retailers who heavily relied on daily cash flow for their purchase and sales. This led to shortages in small value items at the retail level.

However, like every coin has two sides there is a good to demonetization move too. The rural and the urban poor people will be compelled to use their bank accounts which were opened under the "Jan DhanYojna". This scheme is a social policy aimed at providing banking facilities to even those who do not have money to pay for the minimum account balance at the time of account opening. It also provides loan facilities, insurance benefits along with mobile banking. It can also be said that one of the hidden motives of demonetization is to reduce the income tax rates. It would ensure better tax compliance as more people will start to pay taxes. As the number of people paying taxes would increase, this would lower the income tax rates. This will, in turn, boost the economic growth of our country. Although, the long-term effects of demonetization move are yet to be seen.



Momina Anjum
ECE-13004310



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Surabhi-17
THE CULTURAL FEST
11th MARCH 2017



This festival of culture is a boisterous fete unveiling its myriad shades hued to never ending joys. It is celebrated in a pompous manner as the surroundings bear witness to its radiance. It is a rendezvous of students of K L University with scintillating performances enthralling the audience through its bout. Many distinguished people of various fields have visited providing an opportunity for the enthusiasts to interact with such eminent personalities that would give their ideas a new prospect. Among them Mr.Avasarala Srinivas, actor from telugu film industry have visited as chief guest. It is a quest for talent in the budding engineers and managers making it a seamless platform for developing one's skills or to showcase their talents through this stage.

SOMEONE LIKE YOU

"Have you ever learnt any magic?" he asked looking at the never ending numerous grey stars on the dark sky which twinkled to his smile. They shined bright.

"No. but why does that matter, Mrithav?" she asked with a broad smile as she dropped her fifteenth seashell into her hand bag that were washed up on the beach. She was always fascinated in collecting those shells. It would make her day always happy, she believed. "Why do you ask such question?"

"Because your eyes are as close as to magic. Those unforgettable cat eyes blend seamlessly, always excite me to explore deeper into their thoughts. You know what magic is?" he said and her walk slowed down as she turned to face him, "No, tell me!!" the words came out with a husky voice that sparkled through her eyes all the way. His body froze for a minute and heart stopped to beat for a second.

"Magic will always amuse us all around the world and so are your eyes. They always hide the greatest secrets in the most unlikely places. Only those who have been with them all the time, understand them can feel them. They control the adrenaline rush in my body as they stare at me. They confuse me, excite me. They are so mysterious and I will give my life time to explore the truth hidden in them. I love you, Mahima" . Mrithav let his heart out that buried inside for ages, "Do you love me?" he asked taking her hands in to his as they turned cold.

"Does your mom love dogs?" she asked and he was left clueless with her question. "I have a dog and when I move to your house after our marriage, she has to bear with it" she said with her eyes down as dimples poked on to her cheek. The sea felt happy and kissed the foot prints left by them as they walked along the shore with hands closed into each other and so the dark sky surprised them with shooting stars, which he believed that would bring good luck with them.

Ajay Kumar G
CSE-14003355

SPORTS ACHIEVEMENTS

K L University has exceptional sports and athletic facilities with experienced coaches for every sport or game.

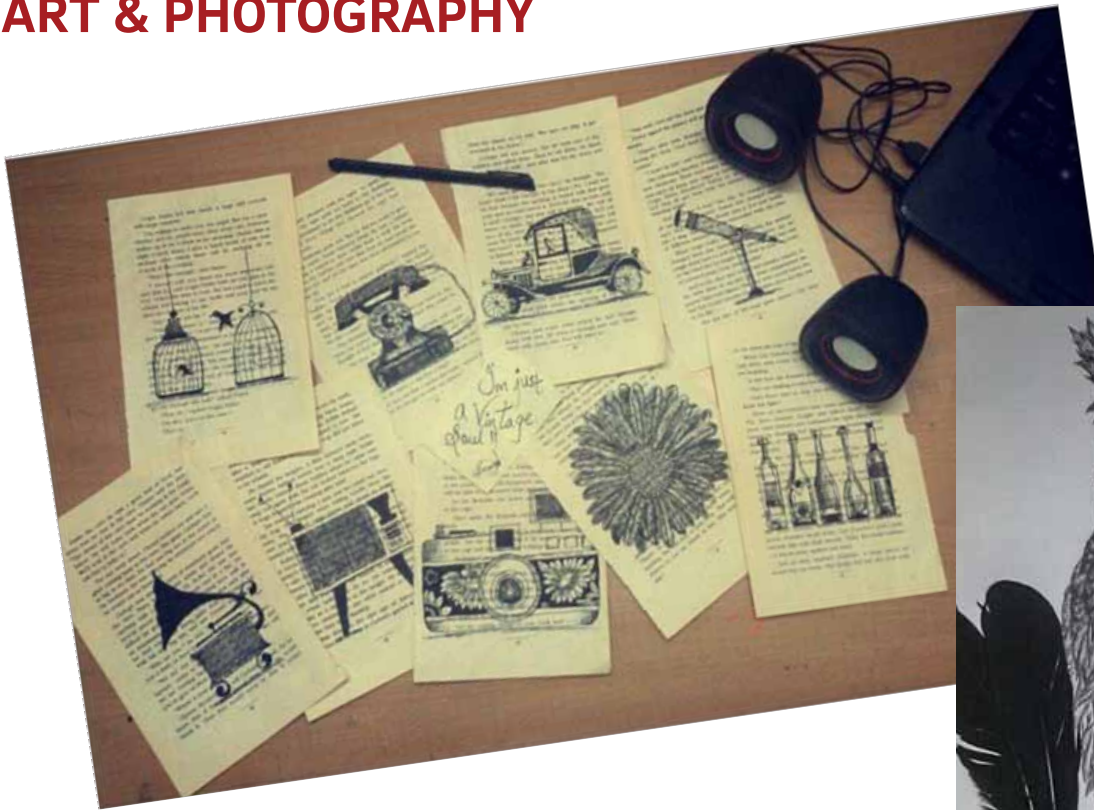
There are many students in the campus who have reached to national and international levels of their interested sport with the bolster given from the physical education department. **K L U trophy** is conducted every year in memory of **Sri.Koneru Lakshmaiah**, the founder of KLCE. The university students bagged 1st and 2nd prizes in volley ball, hand ball, Kabaddi Men. It is common for the students of K L U to steal the show in many tournaments they take part. **Jyothi Surekha** is one of the such exemplary where she received plenty of national and international medals in Archery and still counting. Recently she won **Gold medal** in Asia Cup Archery World Ranking Tournament held at China in 2016. She has been the crest jewel of the university and has brought accolades to the country and the university.



A. Hemanth Kumar,
CSE-150030031



ART & PHOTOGRAPHY



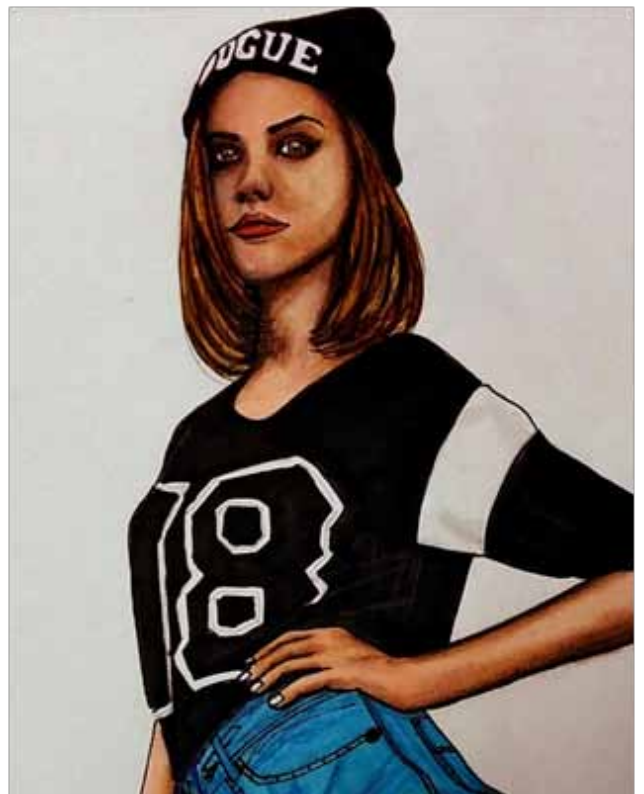
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Sravya Keerthana
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Nama Mahesh
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The Technology Behind Bitcoin

In 2008, a person (Or a group of people) going by the name Satoshi Nakamoto presented a white paper titled “Bitcoin: A Peer-to-Peer Electronic Cash System”. Based on a peer-to-peer network, it is a payment system that would allow individuals to send and receive payments without involving any intermediary financial institutions. This was the birth of Bitcoin. Bitcoin has been called ‘digital gold’ and for a good reason. To date, the total value of the currency is close to \$19 billion US.

Now, it has evolved into something greater, and the main question everybody is asking is – What is Blockchain?

WHAT IS A BLOCKCHAIN?

Picture a spreadsheet that is duplicated thousands of times across a network of computers. Then imagine that this network is designed to regularly update this spreadsheet and you have a basic understanding of the blockchain.

Information held on a blockchain exists as a shared-and continually reconciled-database. This is a way of using the network that has obvious benefits. The blockchain database isn’t stored in any single location, meaning the records are truly public and easily verifiable. No centralized version of this information exists for a hacker to corrupt. Hosted by millions of computers simultaneously, its data is accessible to anyone on the internet.

The fact that the system is maintained by a group of computers rather than by a centralised entity, like a bank has several implications: While in our bank system, we only know about our own transactions, on the blockchain everyone can see everyone

else’s transactions. Also, the Blockchain network is distributed and if something goes wrong, there is no helpdesk to call or anyone to sue. However, it is designed in such a way that no trust is needed, security and reliability are obtained via special mathematical functions and code.

WORKING

A blockchain comprises of the database which keeps record of the history of data or transactions that have taken place. The database is shared among the computers (aka nodes) to communicate and update the database whenever there is a new transaction. This means, any changes occurring in the database will be broadcasted to all the nodes participating in the network. The database will always be accessible to the others, as long as the network is online, even if one or two nodes leave the network. This is one of the biggest advantage over traditional database systems since actions would be delayed or denied in the event of the central server getting inactive or compromised. This is how the network operates ensuring the database is never lost.

In the origin state, the entire network is notified and the nodes are initialised. The transactions are broadcasted to the network so that the database can be modified with the required entries. Now, these entries aren’t directly added up but are held in a pool consisting of one or more transactions. A collection of these pending transactions are called blocks. The transactions inside a block together generate a digital signature unique to the particular block. With the origin state already existing, the new block should obviously denote

the origin state to be its previous state. The digital signature (the hash key) exactly does the same by creating a link to the previous state. This linking is essential to the security of the transactions in the first block. The integrity of the first block is also maintained since if any changes were to be made to the transactions inside the block, the corresponding hash will change. This would result in a mismatch of the hash with the hash previously added in the previous state. Because of the nature of the network, everyone will be able to notice the mismatch in the has values and flag it off as fraudulent. As more transactions are broadcasted, more blocks will be created to form a chain, hence known as a blockchain.

As a way to balance the deflationary nature of Bitcoin due to software errors and wallets password loss, a reward is given to those that solve the mathematical problem of each block. The activity of running the Bitcoin blockchain software in order to obtain these Bitcoin rewards is called “mining”.

This reward is the main incentive that pushes private people to operate the nodes, thus providing the necessary computing power needed to process Bitcoin transactions and to stabilize the blockchain network.

If an attacker with a malicious intent wanted to modify any of the older blocks high up in the chain, it will be a foolish effort. Why? Because modifying the transactions in a block changes the hash signature. Also, the blocks are linked to the previous blocks using the hash signature. If someone modified a block in between, the hash value of that block will change and break its link to the previous block. This will render blocks following the newly modified block to become invalid. The nodes already store the database across the network and when the new block is broadcasted, a mismatch will be detected by the nodes. This is practically how a blockchain works. For an intrusion to be successful, it will have to be launched on all the nodes simultaneously, which means using a huge amount of computing power (much greater than the power of the TaihuLight, the fastest supercomputer in the world.

BLOCKCHAIN APPLICATIONS

The virtue of blockchain is that this technology can be used to record or store any kind of information on a public audit or ledger system. This implies that this technology can be implemented in several other sectors in the near future, apart from what

it was originally intended for – Cryptocurrency.

BANKING

Another sector where the use of blockchain is widely being promoted is banking. Banks already have massive databases. Once they move to blockchain, banks will be able to process payments faster and more accurately.

Recently, State Bank of India launched a blockchain finance consortium called Bankchain, with technical assistance provided by IBM and Microsoft.

TRADING

Bitcoins are emerging as a trading instrument, which means blockchains are heavily used. Nasdaq started using blockchain technology in its private stock market, one of the world’s largest, and potentially shake up systems that have facilitated the trading of financial assets for decades.

FILE STORAGE

Peer to Peer file sharing networks removes the need for centralised databases and heavy storage areas. Anyone on the internet can store your data at a pre-agreed price. However, hashing and storing the data in multiple locations are the keys to securing it

DIGITAL IDENTITY

Blockchain technologies provides you the opportunity of never having to worry about your digital security ever again. Blockchain technology offers a solution to many digital identity issues, where identity can be uniquely authenticated in an irrefutable, immutable, and secure manner.

In blockchain identity authentication, the only check performed is whether or not the transaction was signed by the correct private key. It is inferred that whoever has access to the private key is the owner and the exact identity of the owner is deemed irrelevant.

ONLINE VOTING

Online voting can be implemented using a blockchain where the votes will be treated as transactions. The entire database stored is distributed to all the nodes in the voting network whenever a new vote is cast.

vUsing blockchain, a voter could check that his or her vote was successfully transmitted while remaining anonymous to the rest of the world. Only when the voter is authorised, will he be able to vote.

A Day in Mumbai

One day I came across a quote: Travelling, it leaves you speechless, then turns you into a story teller” and wondered whether it was true? But my question was answered when we went tripping to Mumbai for a college fest from the journey itself. I can tell many stories about the cute kids we met in the train, funny games we played, creating nuisance in a silent compartment and the list goes on. I would have regretted if I had missed this beautiful journey. This journey introduced me to new people, culture, boundless freedom yet self-control, unknown daring persons hiding in ourselves. In Mumbai, we went to IITB for workshop.

The moment we stepped in to the campus it felt like a new world. The theme of the fest was space expedition. Every nook and corner of the campus was decorated with satellites, missiles, moons whatnot, everything which mirrors space was there. The time spent there was filled with exploring new things, new technologies, new culture and of course fun. The infrastructure was simply modern and mind-blowing. The classes are filled with full of students with enormous hunger for knowledge. The classes are lively and interactive. We attended a workshop on sixth sense technology. In Mumbai, every student is independent and live their own lifestyle. The classroom was with almost 500 seats and it has very good infrastructure. Projects on robots were displayed in the campus. Students from many cities, states came there to be a part of the fest. Many of them were south Indians.

The campus roads looked like forest roads as they are surrounded by hills and trees. They gave us accommodation in the campus hostel. Hostel was good with basic facilities. At the beginning, it was hard to adjust with the other roommates but while leaving the hostel we felt so bad as we became so close within a short period.

First day, we went to the classroom and adjusted ourselves comfortably. They gave a brief introduction on the sixth sense technology and they taught us coding by different software’s which is used as input in robots. Second day, as soon as we entered the classroom they gave us a kit which contains all the necessary hardware parts. We were all excited to make a robot which can move by itself. The teaching was different from the other colleges. It was all fun to make a robot.

At the beginning of the trip, we were afraid of Mumbai after listening to the statistics and conditions of Mumbai. But later we realized that Mumbai is also a safe place for girls.

I mean we are a small group of 8 girls who went to Mumbai without elders accompany. Even in my wildest dreams we never thought that our parents will agree to this, but all of this happened. We went to Mumbai alone, learnt how to deal with new people, places and found whole new courage within us. We also proved that girls can go anywhere without any help and can do things on their own. Now even our parents have confidence that we can go anywhere and comeback safe.

Among many things we learnt one important thing was “we just have to have faith in ourselves and we can do anything and conquer milestones”. The key ingredient to success is the belief in oneself.



In every student's life, one most common wish is to go on a trip with friends. It doesn't matter if it is technical or non-technical. Everyone has wings but all that matters is whether you decide to fly or not. Returning from Mumbai is just like an angel who is finally returning to earth after exploring many wonderful things.

In the end, we believed in ourselves and made it. We made our trip a memorable one for the whole

life.



G. Sri Ramya,
ECM-150050057

Most Remote School

The world's most remote school is Kiwirrurra Remote community school in Australia. It is a 25-hour road journey from the nearest major town. The 100 pupils and 7 teachers at another school in the region, Oombulgurri Remote Community School, can only get to school by light aircraft or by barge. The aircraft takes just 35 minutes, but the barge can take up to 12 hrs.

One solution to the problem of teaching children in isolated parts of Australia is the School of air. This began transmitting lessons by high-frequency radio in the Alice Springs area in 1951. This is still used, but the lessons are also delivered by e-mails, the internet, video and telephone. There are now 12 schools of the air in Australia, serving more than 1000 pupils spread over vast areas of outback.

K Anusha
BT-3rd year

Discover the Innate Human

A point detonated to form universe which has numerous galaxies.

In milky-way galaxy, it has numerous planets. On Earth, it has numerous people.

In which you are the one born with unique qualities then why are you in a race to trail someone else. Are we born to behave like Xerox machine of-course not, for an instance envision, if the same thing happens with all the elements in periodic table if they all exhibit the same characteristics then, there will be either hydrogen or helium or something else then there will be no existence. So, the fact is that whether it is living thing/non-living thing it ought to have unique characteristics for it to sustain in this universe. One of a kind doesn't mean thinking out of the box. Inherit from surroundings and experiment on it. After all life is an experiment; the more experiments we do the better we are. So, thrive to learn new things, explore new places, form new relations and live in a different way which ultimately leads to happy life.

N. Jaya Devi,
ECE-13004227

My View on Brain Drain

Consider INDIA as your mother and your mother had faced so many problems while carrying you in her womb and her problems are increasing day-by-day to carry you before the accouchement. Though she is facing many problems and bearing the severe pain throughout the nine months, she is carrying you till you are born and gives a life to the baby to live on this planet (even though her life is on threat) and she cares only about her baby till her last breath.

If all mothers in INDIA got a feeling of leaving their children for the rest of their life to grow after their birth, if that happens then 90% of us will be homeless and growing in orphanages, platforms, roads, railway stations etc but our mothers are not doing like that...why? Because she knows whatever may be the color of the baby, whatever may be the problems she faces, the baby is her life without her the baby can't have a life. In the same way, our country is also bearing us without any differentiation but we are not bothering about it rather we are much inclined towards the luxurious life in foreign lands.

I accept that in INDIA we are having some problems to achieve our goals in any field even though we have some problems we can achieve our goals with hardwork, the best example for that is Dr.APJ Abdul Kalam who was born in India, studied in India, died in India but well-known throughout the world as Missile-Man for his hard earned achievements in Aero Space works not only Dr.AbdulKalam, we have many such people from our country who succeeded in different arenas. When compared to some countries in the view of providing quality education, jobs with sufficient pay, modern technology e.t.c our country is lacking but if most of the young generations migrate to foreign countries then when our country is going to develop and in future at one particular time we will depend on other countries

completely for every basic need this is going to happen if this continues further.

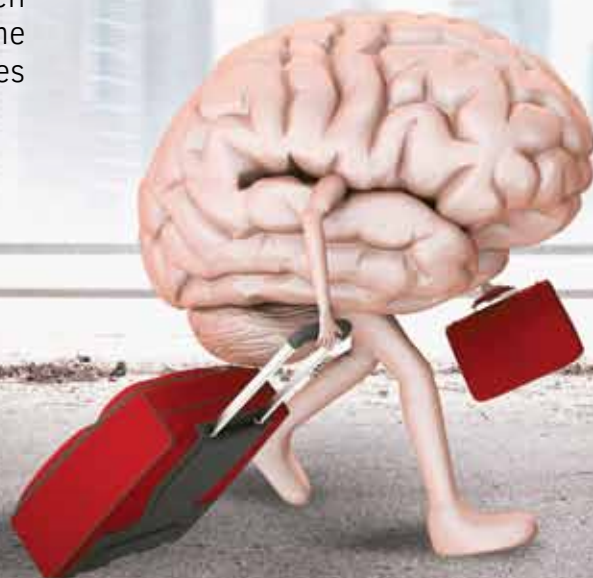
Don't we feel guilty for working in a foreign countries and developing their nations only for the sake of money, luxurious life by leaving our nation in this position then what is the use of saying proudly that we have 60% youth of total population in our country. If there are insufficient resources to study in our country then go to a foreign land and get knowledge and in return help our nation to turn into a developed country rather than a developing one.

DEFENCE & MEDICAL are the two important pillars which any country should have, not only in INDIA with a very strong basement and we the students of India are the ingredients for building it strong. So please, I sincerely request all the youngsters of India to stay in our country and develop our nation in a way that no other country can compete with us in any field by any means..

First and immediate thing one should do is to change one's mindset in every point of view (regarding the economic stature, technological development, political regards). Be the first to change and to create change in the society. Don't waste your young & energetic youth period for sacrificing your heart, soul, life, time, money or whatever it may be.



Y. Suraj
ECE-13004218



The Language of Body

Body language is the non-verbal form of communication which is transmitted by gestures and postures. It is controlled by the sub-conscious mind, so the viewers can understand what you are saying and what you actually intend to convey. It is the most essential part of your emotional intelligence. We had body language before we had speech, and apparently 80% of what you understand in a conversation is read through the body, not the words.

Facial Expression:

Human face can express countless expressions. Sadness, anger, fear, happiness and disgust are some of the universal expressions which are common to most of the individuals. Visual sense is dominant, the way you look at someone can communicate many things affection, hostility or attraction. To make your audience comfortable, simply smile at them. Flow of conversation can be maintained through proper eye contact.

Posture:

A person's posture can reveal many things. Posture is the way you position your body. A person's self-assurance, frame of mind, approach, and attentiveness can be determined by looking at the posture. Based on the individual's degree of confidence, status or receptivity to another person two forms of posture have been identified, 'open' and 'closed'. For instance, if someone seated in a closed position might have his/her arms folded, legs crossed or be positioned at a slight angle from the person with whom they are interacting. In an open posture, you might expect to see someone directly facing you with hands apart on the arms of the chair. An open posture indicates the enthusiasm to listen, whereas the closed posture might imply discomfort or disinterest.

Gestures:

It refers to a movement of part of the body, especially hand or head, to express an idea or meaning. To boost confidence during your presentation be with open chest and arms, and keep your back straight. This position will make you breathe and you'll feel more relaxed. Gestures with your arms and hands in a natural way by looking at your audience in the eye is a good move to engage people. People tend naturally to pay attention

and to like people who look them in the eye. Vary your gestures throughout the presentation to keep your audience attention (Open gestures, small gestures, gestures that involve your hands, arms and head). Tend to walk towards people and interact with them to ensure their participation. To make audience encompass in your story use positive gestures during interaction for example nodding, smiling, mirroring.

Don'ts in body language

- Don't stare, maintain limited eye contact.
- Don't offer a weak handshake, it brings out that you lack confidence.
- Don't be overconfident which in return looks like arrogance. Arrogance and confidence are not the same things.
- Don't touch your face and don't play with your hair or pen.
- Crossing your arms or legs looks very offensive and non-welcoming.
- Avoid fake smile.
- Don't bite nails.



Y. M. Sri Lakshmi Prasanna
BBA-160541119



Fogging

Fog computing or fog networking is an architecture that uses one or more collaborative multitude of end-user clients or near-user edge devices to carry out a substantial amount of storage communication, control, configuration, measurement and management.

Fog computing essentially extends cloud computing and services to the edge of the network, bringing the advantages of the cloud closer to where data is created and acted upon. It can be perceived in both cloud computing as well as big data structures. This may result in the lack of quality of the content obtained. The effects of fogging on cloud computing and big data systems may vary; yet, a common aspect that can be extracted is a limitation in accurate content distribution, an issue that has been cross-examined with the creation of metrics that attempt to improve accuracy.

The goal of fogging is to improve efficiency and reduce the amount of data transferred to the cloud for processing, analysis and storage. This is often done to improve efficiency, though it may also be used for security and compliance reasons.

Fog computing applications comprise smart grid, smart city, smart buildings, vehicle networks and software-defined networks.

The metaphor fog comes from the meteorological term for a cloud close to the ground, just as fog concentrates on the edge of the network. The term is often associated with Cisco; the company's product line manager, Ginny Nichols, is believed to have coined term. "Cisco Fog Computing" is a registered name; fog computing is open to the community.

The Open Fog Consortium was founded in November 2015 by the members from Cisco, Dell, Intel, Microsoft, ARM and Princeton University; its mission is to develop an open reference architecture and convey the business value of fog computing.

While edge devices and sensors are where data is generated and collected, they don't have the compute and storage resources to perform advanced analytics and machine-learning tasks.

Though cloud servers have the power to do these, they are often too far away to process the data and respond in a timely manner. In addition, having all endpoints connecting to and sending raw data to the cloud over the internet can have privacy, security and legal association, especially when dealing with sensitive data subject to regulations in different countries.

In a fog environment, the processing takes place in a data hub on a smart device, or in a smart router or gateway, thus reducing the amount of data sent to the cloud. It is important to note that fog networking complements -- not replaces -- cloud computing; fogging allows for short-term analytics at the edge, and the cloud performs resource-intensive, longer-term analytics.



K. Chaitanya Krishna
CSE-14003195





Fondest memories are made when gathered around the table

As an avid reader of Hospitality magazines, I wonder sometimes do this Dining Etiquette is essential to follow or is it only to show off that we belong to elite class. I am pretty surprised about my view points on the necessity of following appropriate table etiquette, so that it keeps us away from embarrassing ourselves. Often employers enjoy conducting interviews or business meetings over lunch or dinner and they judge the personality of the interviewee. Now let me share some of the etiquette so that one can present him/her with confidence and lasting impression in business dinners or party.

- First greet the host/guest .Order the same number of courses as him/her. Never make an expensive entrée unless you are encouraged to do so by your host. Likewise, ordering the cheapest item on the menu is not recommended either.
- Let all the guests be served first and make sure host begins eating before you begin eating.
- Unfold your napkin and place it on your lap. When you are finished, place it loosely on the left side of your plate on the table.
- Be sure to take your phone, keys, and other belongings off of the table. Don't talk with food in your mouth. Hold the thought until you swallow your food.
- If you need to get up during the meal to answer any phone calls or to text, politely

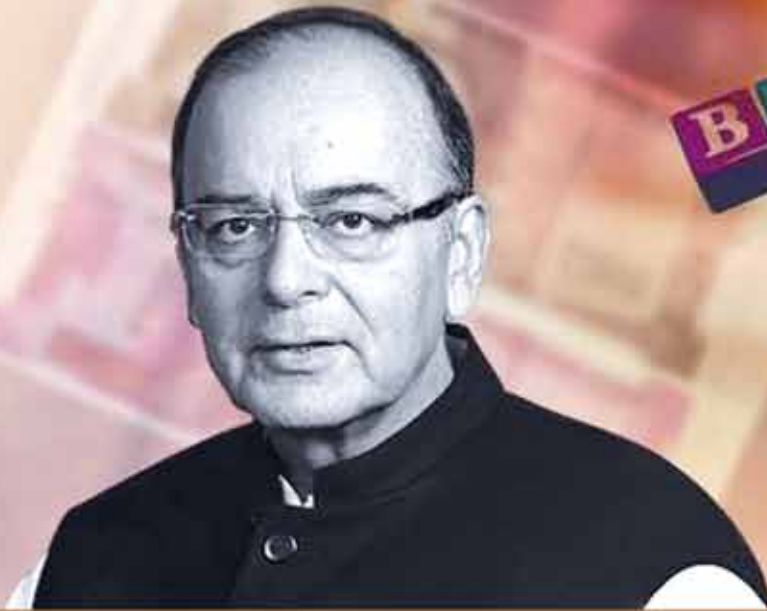
ask to be excused and return to the table as quickly as possible.

- Hold your wine glass by the stem.
- Do not cross others plate to reach food items that are far from you. Ask the person near you to pass it on.
- Always pass salt and pepper together.
- When you are done with your meal, place your fork and knife on the plate to the right side with blade in and fork in the upward position. This lets everyone know you are done with your meal.
- Treat the waiters with respect. Use the words Thank you, Please.

There may be a doubt regarding the dining ware which includes forks, spoons, and knives. Just choose the convenient way. It's not mandatory to use dining ware its ok to eat with your hands in a relaxed and convivial style of dining, but don't let your standards slip and do request for finger bowl. While using dining ware remember that knife should be in the right hand and fork in the left hand. Conversation is the only appropriate activity while dining with others. Leave the unpleasant topics at home and focus only on positive talk. We can for sure make memories around the table. Take a snapshot of the food that is served before eating (Of course only during informal dinners) to cherish your memories for a long time. Lastly don't waste the food; it is not necessary to taste each and every dish but finish everything on your plate. Eating too fast or too slow implies that you are either rude or you dislike the food. Just remember that our manners speak about us a lot of our professional behaviour and what type of person we truly are.



Divi Sushma
ECE-13004240



ASICS

Thiruvananthapuram, capital of Kerala has topped in city governance ranking of the Annual Survey of India's City Systems (ASICS) 2016 conducted by Janaagraha Centre for Citizenship and Democracy. This year it was the fourth edition the annual survey which had evaluated 21 major cities from the 18 states. It highlighted inadequacies in urban governance that could affect public service delivery and quality of life. What are ASICS? The ASICS are designed to help city leaders pin point issues in urban governance in their cities and help them chalk out a reform roadmap to make them more livable. It ranks cities in the scale of 0 to 10 scale. The better scores of a city in the survey, indicates it will be able to deliver better quality of life to citizens over the medium and long-term. The major parameters of the survey included urban capacities and resources, urban planning and design, empowered and legitimate political representation, and transparency, accountability and participation.

Highlights of 2016 ASICS Thiruvananthapuram topped in 2016 Survey. Pune is ranked second, up two ranks from 2015. Kolkata retained its third slot. National capital Delhi slipped to ninth rank from seventh. Bhubaneswar was the biggest gainer in the 2016 survey as it jumped eight places from 2015 to the 10th spot. Bengaluru dropped four places to 16th rank. Ludhiana, Jaipur and Chandigarh retain their previous last three positions of 19th, 20th and 21st respectively. Cities in India continue to score poorly across their city-systems framework with their average scores of between 2.1 and 4.4 on 10 scale. London and New York score 9.3 and 9.8 on the same parameters. Changes in planning laws are needed to address the issues challenging the efficient planning of the cities to deliver a high quality of life to citizens.

UNION Budget 2017


The union budget is presented by Finance Minister Arun Jaitley which broadly focused on 10 themes: the farming sector, the rural population, the youth, the poor and unprivileged health care, infrastructure, the financial sector for stronger institutions, speedy accountability, public services, prudent fiscal management and tax benefits for the honest.

Highlights of the budget are as follows:

- Income tax rate cut to 5 pc for individuals having income between Rs.2.5lakh to Rs.5lakh.
 - 10 pc surcharge on individual income above Rs.50 lakh and upto Rs.1cr to make up for Rs.15, 000cr loss due to cut in personal I-T rate.
 - 15 pc surcharge on income above Rs.1crore
 - Of 3.7cr individuals who filed tax returns 2015-16, 99 lakh showed income below exemption limit.
 - Direct tax collection not commensurate with income and expenditure pattern.
 - Revenue deficit reduced to 2.1pc form 2.3pc for 2016-17
-

- Govt. pegs fiscal deficit target at 3.2% for 2017-18 and 3% for next year.
- Monetary policy to be expansionary in major economies.
- Excise duty on non-filter cigarettes of length not exceeding 65mm raised to Rs.311 per thousand from Rs.215 per thousand.
- Solar tempered glass used for manufacture of solar cells/ panels will be exempted from customs duty.
- Head post offices to issue passports.
- Duty exempted on various POS machines and iris readers to encourage digital payment.
- Political parties can receive donations in cheque, electronic mode, electoral bonds to be issued by RBI.

Budget 2017-18 at a Glance: Key Figures



(Figures in ₹ crore)	2015-16 Actuals	2016-17 Budget Estimates	2016-17 Revised Estimates	2017-18 Budget Estimates
Revenue Receipts	11,95,025	13,77,022	14,23,562	15,15,771
Capital Receipts ¹	5,95,748	6,01,038	5,90,845	6,30,964
Total Receipts	17,90,783	19,78,060	20,14,407	21,46,735
Scheme Expenditure	7,25,114	8,01,966	8,69,847	9,45,078
Expenditure on other than schemes	10,65,669	1,17,6094	11,44,560	12,01,657
Total Expenditure	17,90,783	19,78,060	20,14,407	21,46,735
Revenue Deficit	3,42,736	3,54,015	3,10,998	3,21,163
Fiscal Deficit	5,32,791	5,33,904	5,34,274	5,46,532
Primary Deficit	91,132	41,234	51,205	23,454

1: Excluding receipts under Market stabilisation Scheme
Source: Budget 2017-18 documents

Press Information Bureau



B. Keshav A Damodhar
ECE-150040084

Benami Property Act



What are Benami properties / property Act?

In his (Narendra Modi) last Mann ki baat of the year, Modi said the government will soon imbibe a strong law to effectively deal with Benami property. It was his next take after his first one “the demonetisation of high value currency notes “. It is all done to forbidden the corruption.

Acknowledgement of Benami properties?

It is undertaking(or)purchasing the real properties on some other’s profile rather taking it authentically on one’s profile. Here the amount is paid from known source of income

Real properties:- implies as “real estate’s”

Benami: - means as “no name “ in Hindi

Why Benami’s should be forbidden?

The reason behind its prohibition is, it is a usual practise to evade taxation, and people invest their black money in buying Benami property. The real owners of these properties are hard to trace due to fake names and identities. The person on whose name the property is purchased is called Benamidar. The Benami transactions include buying assets of any kind movable, tangible, intangible any right on interest or legal documentation

Laws/ Acts taken for the prohibition of Benami properties?

The Initialization of acts where first taken in the year 1988, which was passed as the prohibition of Benami transactions Act 1988. It was probably to curb black money, the government (Modi’s) in July 2016 decided to amend the original act. So after further amendment, Benami Transactions Amendment Act 2016 came into force on November 1st, 2016 . The PBPT Act defines

Benami transactions, prohibits them and further provides that violation of PBPT Act is offensive and can lead to punishing such as imprisonment and fine (penalty from 1 to 3 years, from year rigorous imprisonment up to 7 years, which may lead extend 25% of the fair market value of the Benami property).The PBPT Act prohibits recovery of property held Benami from benamidar by the real owner. Properties held Benami are liable for confiscation by the government without payment of compensation

What isn’t a benami transaction?

Property held under the name of spouse or child, for which the amount is legal

A joint property with brother, sister, or other relatives for which the amount is paid out of known sources of income.

Property held by someone in a fiduciary capacity; that is, transaction involving a trustee and a beneficiary.

Note: Property held under the name of parents is also a benami transaction

How it affects the people?

People with illegal income will sure have a tough time ahead. As far as the public point of view, it won’t be much of an issue if their transactions are legal.

Sk. Niha Bobby
Civil-13002010



TECHNOLOGICAL ADVANCEMENTS

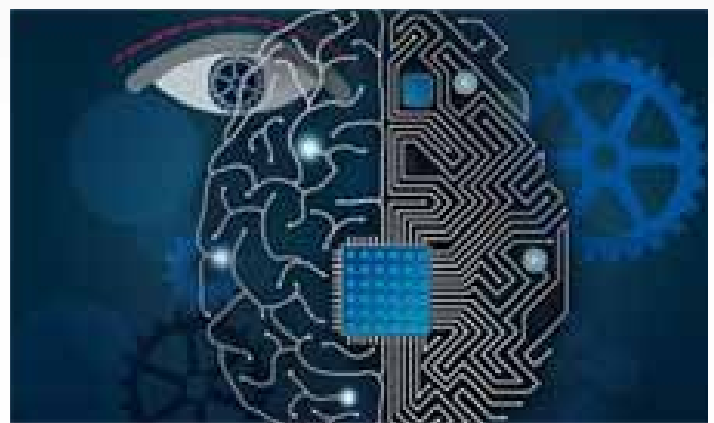


Well, what is technology??and what on earth mean technological advancements mean? Technology is the application of science to make things easier for our living....even a chair, table, click pen, 7 lever lock which we usually use at homes are even categorized into technology. Now, let's get into the topic Artificial Intelligence, one of the subjects which contributed to advancements of technology.

As we can see Artificial Intelligence is two words combined namely "Artificial" which means something not natural or simulated and "Intelligence" is the ability to acquire and apply knowledge and skills, with these two things combined we could create some more into work factor which could actually be better or at least equally working with humans. The three basic things that we humans do to make our lives easier is to learn, understand and think; unfortunately this is the only way making a living these days in such a increasing pace of technology. We literally teach machines to learn, understand, think and act exactly or better than humans to fulfil our needs for a better living. This concept of Artificial Intelligence was evolved or developed from 4 basic subjects psychology, philosophy, mathematics and linguistic.

Just like in science fiction movies AI has been developed a lot and still increasing for more than thrice the pace of 19th century. From the self driving smart cycles to cars, poems, music everything is automated and the best part of it is that we are so close for getting a good companion in our lives, robots with higher EQ(Emotional Quotient). Now a days using the power of quantum computing AI could even write web applications and develop

them, constantly trying to pen testing (hack itself) and update accordingly thus, making the application less vulnerable to the external agencies. A little about computers, believe it or not computers are as much as of 2 floors in height, with vacuum tubes and couldn't even make larger arithmetic operations and could you imagine if say that they were absolutely no icons for navigation??,they manually used to write the paths of the folders and files..... later 2-D icons very into picture and then as we see now in 20th century we have 3-D icons, animation, graphics, a lot many other things.....this is true



evidence of technology advancement.

Is Babbage responsible for all the technological developments happening around? not quite really, in fact there is no single name for contributions of what we see around today like, idea and prototype was only thing Babbage did, mouse, keyboard, every other peripheral is invented by some other who most of us don't even know. Technology is never developed under a name, it's an ongoing process where these noble people play their important role to help people, thought being a small role but it's



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University

University estd, u/s. 3 of the UGC Act, 1956)

Accredited "A" Grade University)

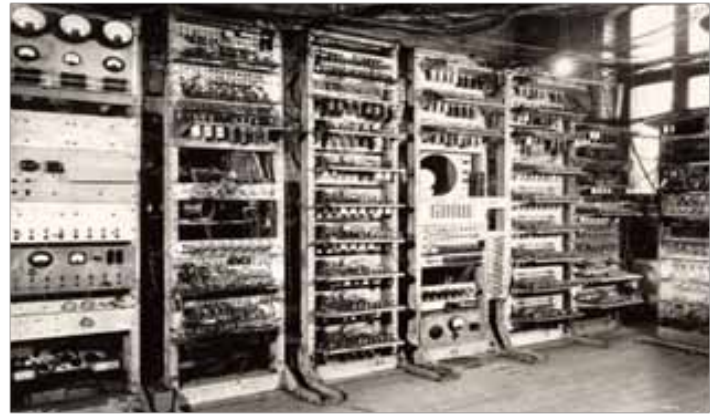
very initiative to the rest just like in the butterfly effect (chaos theory).FYI(For You're Information) the mathematical field of graph of chaos theory looked similar to the wings of a butterfly so then on it's called butterfly theory.....see? we even developed to plot the most complex equations consisting random events on a graph using power of computing. Although these trials are not yet completely developed but are still used in weather observatories.

One of the most debated topics is whether these technological developments are a boon or a bane? as

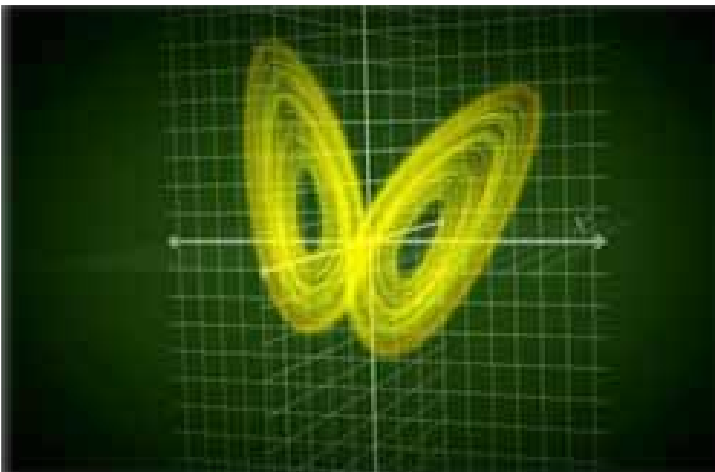
we know, everything has two faces similarly technology has been very much help to mankind but only for the mankind and not the rest of life species, technology has been almost reached to find a way for immortality of human life it's such a proud thing to say but on the other hand for all these years it is been effecting other life species and sometimes even us .The sparrows which were extinct due to loss of vegetation and due to the non-ionized low frequencies, being a well evolved complex species on the planet earth I think it is our responsibility to let other fellow species evolve along with us, just imagine how would that be if we could talk to

animals in English or whatever the language is and be friends with them going to school with them, just like how we help our human friends to learn things in school. We are almost transitioned to the Type-I civilization and the least we could is to let them live.

Technology is being developed and useful for man-



kind is for sure a arguable statement. In fact we even developed AI which could predict the outcomes of a rolling die 87% of times.....what gamblers dream of also many of the AI robots are used by the CIA and MI6 for lie detecting purposes. This truly depends upon viewer's perception on the development of the technology, whether it's a boon or a bane.



Edara Bodhith
CSE-160030153

-
- ◆ **Surgeons who grew up playing video games make 37% fewer mistakes.**
 - ◆ **The movie Gravity was more expensive than the Indian Mars mission.**
 - ◆ **Nomophobia - is the fear of being without your mobile phone or losing your signal.**
 - ◆ **Bananas have more trade regulations than AK-47s.**
-

Funny Brain Teasers:

1. A clerk at a butcher shop stands five feet ten inches tall and wears size 13 sneakers. What does he weigh?

Ans: Meat

2. In British Columbia you cannot take a picture of a man with a wooden leg. Why not?

Ans: You can't take a picture with a wooden leg. You need a camera (or iPad or cell phone) to take a picture.

3. If you were running a race and you passed the person in 2nd place, what place would you be in now?

Ans: You would be in 2nd place. You passed the person in second place, not first.

4. Which is correct to say, "The yolk of the egg is white" or "The yolk of the egg are white?"

Ans: Neither. Egg yolks are yellow.

5. You will always find me in the past. I can be created in the present, But the future can never taint me. What am I?

Ans: History

6. What body part is pronounced as one letter but written with three, only two different letters are used?

Ans: Eye

7. It cannot be seen, cannot be felt, Cannot be heard, cannot be smelt. It lies behind stars and under hills And empty holes it fills. It comes first and follows after, Ends life, kills laughter.

Ans: Darkness

8. You can see me in water, but I never get wet. What am I?

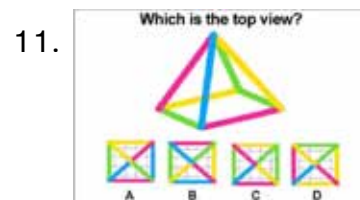
Ans: A Reflection

Picture Questions:

9. Can you remove two matchsticks to make below equation correct?



Ans: Rooster never lays eggs.



Ans: C



K I University



**RANKED BEST PRIVATE ENGINEERING INSTITUTE
IN ANDHRA PRADESH & TELANGANA FOR TWO YEARS IN A ROW**

RANK #1 IN AP & TS MHRD 2017 RANKING (GOVT. OF INDIA)

FOOD RECIPES

SAY YES TO JUNK FOOD WITH INDIAN TWIST

Pizza is everyone's favourite dish, so why not make it healthier by using a raagi flour base. You can prepare the base in advance and assemble at the time of serving. Make small sized

Pizzas as they are very easy to serve and eat.

Enjoy the healthy 'PIZZA WITH A TWIST'.

Preparation Time : 41-50 minutes

Cook Time : 16-20 minutes

Ingredients for Cheese and Ragi Pizza Recipe

Cheese(mozzarella + processed), grated	6 tablespoons
Millet (ragi) flour	1/2 cup
Refined flour (maida)	1/2 cup + for dusting
Oil for greasing	
Salt	1/2 tsp + to taste
Fresh yeast	7 grams
Sugar	1/2 teaspoon
Green capsicum	1 small
Red capsicum	1 small
Yellow capsicum	1 small
Pizza sauce	2-3 tablespoons
Yellow zucchini sliced	1/2 small
Green zucchini sliced	1/2 small
Corn kernels	2 tablespoons



Preheat oven at 180°C. Grease a baking tray with some oil.

Sift together refined flour, milled flour and 1/2 tsp salt into a bowl.

Take yeast in another bowl. Add some warm water and sugar, mix well and set aside till it activates.

Make a well in the flour mixture and pour the activated yeast in it. Mix and knead into a soft dough using water as required. Place in a bowl, cover with a damp muslin cloth and set aside in a warm place to prove.

Cut the capsicums into juliennes.

Dust the worktop with some refined flour, place the proved dough on it and knock it back. Roll out into a medium thick square, dusting with flour.

Place the square on the greased baking tray. Spread pizza sauce on it and top with 3 tbsps mixed cheese, zucchini slices (reserve some), capsicum juliennes (reserve some) and corn kernels.

Sprinkle some salt and top with remaining mixed cheese. Prepare a funny face using the reserved zucchini slices, capsicum juliennes and olive slices (eyes).

Put the tray in the preheated oven and bake for 15 minutes.

SERVE HOT

Rachapudi Pavana Sahitya,
CSE-14003128



ALMOND FIRNI

A PLEASANT DESSERT
DURING THE SUMMERS
WHICH AVOIDS HEAT
IN THE BODY



Narravula Hema
CSE-14003782

A rice dessert served in earthen pot

Ingredients:

Badam, cashewnuts, pista, kismis	as required
Milk	- 1 litre
Long grain rice (basmati rice)	500gms
Ghee	2-3 tablespoons
Rosepetals	5
Eatable Silver foil	1 film
Koya	100gms
Sugar	250gms
Honey	2 tablespoons

RATIO:

Rice & koya	1 : ¼ Rice
sugar	1 : ½

Procedure:

Soak the long grain rice for 10 mins and let the rice get dried.

Grind the rice into rough powder (almost into the consistency of wheat rava).

Now, lit up the stove and place a frying pan and add ghee ,wait until the ghee heats up .

Next add all the dry nuts and almonds and stir fry until they turn into golden brown colour .

Keep aside the fried nuts and place a casserole or handi on the stove and add milk . Wait until the milk gets a boil.

Add the powdered rice , sugar , allow all the ingredients to cook completely . Now add fried nuts , 1tbspoon ghee , grated koya , 1tbspoon honey , and cook again for 5 mins .

Finally dish out the cooked feni into earthen pots for special taste.....

Garnish the feni with rose petals , and almond peels and touch up with the silver foil on the top of the earthen pot or on the served container, lastly add few drops of honey.

Refrigerate the feni for half an hour and serve cool.....

KLUG



KLUG –KLU Linux user group is less known by its name compared with its popularity due to its works. It is a community striving to establish a free and open source technological environment. The journey of KLUG began 4 years back with a team of only two and now it has expanded to a student body of 300 FOSS lovers. Being associated with Swecha, KLUG aims to create a society where the technology by the people reach the masses irrespective of their knowledge on technology. KLUG has taken up many free and open source projects that solve the root causes of problems in the society. The projects taken up here serve the technology deprived communities.

Few projects that are intended to bridge the technological divide in the society are Freedom Box, A Low Cost Smart Irrigation System, Bala

Swecha and many more. KLUSTER is an operating system built by students of KLUG for KLU that is being used in college labs. KLUG tags with line LEARN, EXPLORE and SHARE, where students meet up every week to get introduced to cutting edge new technologies and contribute back to society. KLUG students make time to be part of Bala Swecha, a techno-social activity where students of the Government schools are taught how to imbibe practical knowledge with the help of technical aids. KLUG includes technical and non-technical wings where technical team strives to make up projects for society and non-tech team be part in taking up this projects to society which include making root implementation, tutorials, documentation, localization, wiki editing e. t. c. KLUG is able to organize around 30+ events in this academic year 2016-2017 apart from Bala Swecha activities.

VASTHUDAN by CEA



Centre for extension activities took up an initiative to provide the needy with clothes and other basic amenities. This event had been called Vasthudhaan. This aimed at providing the basic amenities to the workers of the university. This brings a sense of happiness in those people. They do not need branded clothes but are in need of some kind of fabric to give them the warmth. The C.E.A club collected clothes, stationary and many other basic amenities from the students. This would bring some ray of hope in the hearts of the downtrodden.

CAMPAIGN FOR DIGITAL FINANCIAL LITERACY BY NSS



With the earnest mission to promote digitization, this campaign aimed to impart students on how to open a bank account with Aadhaar Card and also to link the latter to their mobile number. A team of 30 students along with faculty in charge – Mr.G SIVA REDDY in association with K L University NSS CELL BT department has conducted a “CAMPAIGN FOR DIGITAL FINANCIAL LITERACY & ENCOURAGING CASHLESS TRANCTIONS” in Kunchanapalli village on 24th December 2016. The students had created awareness about the pros of digital transactions

and explained the techniques to do so, to the inhabitants of Kunchanapalli. Students conducted a survey about demonetization and its effects. Most of the people had positive views about the same. Many of the villagers had shown keen interest to learn the digital transferring of money by using their mobile phones, their doubts about internet banking were cleared. Students had distributed the reference pamphlets to the people in case of any doubt. This was one step the university had taken to spread digitization.

INTERNATIONAL YOUTH DAY BY YOUTH RED CROSS

On the event of International Youth Day 2017 on 12/01/2017, NSS Cell and KLU Y R C Jointly organized this activity which aimed at spreading awareness about the true spirit of youth and their responsibility in being the torch bearers of the country. At the end of the program all the Y R C Volunteers and participants took the pledge that goes, “As a Volunteer of Youth Red Cross, I Promise to serve, to work loyally for the promotion of Health and the relief of suffering and distress, wherever I may find it and to hold in friendship youth of all Nations”. Dr. K Srinivasulu, HOD-BT, Dr. Y Chakravarthi, Principal-B.Pharmacy, Mr. G

Siva Reddy-Y R C Coordinator and other faculty members (BT & B.Pharmacy), IAS academy director KGK Chowadary, IQAC department head Hanumanth Rao, Hobby Clubs Prof. Incharge Dr.R.S.Raju, and the students presided over the event

D. Sudha Sruthi
BT- 150010026



BREAD SAMOSA

4 serves

Ingredients:

- 1. BROWN BREAD - 4pcs
- SUGAR & SALT - 1 teaspoon each
- 2. REFINED OIL
- 3. CHOPPED ONIONS & GREEN CHILLIES & CORIANDER - each one 1 cup full
- 4. GINGER GARLIC PASTE - 1 teaspoon
- 5. GARAM MASALA - 2 teaspoons
- 6. BOILED, PEELED POTATOES - 4
- 7. BOILED GREEN PEAS - 1 cup
- 8. GRATED PANEER - 1 cup
- 9. LEMON JUICE - 1 teaspoon
- 10. RESINS & CHOPPED CASHEWS - Each handful

METHOD:

Take a few slices of brown bread and peel the outlines of it. Now with the help of a rolling pin, flatten each slice.

Heat the refined oil in a large frying pan over medium heat. Add chopped onions and stir it for a while followed by ginger garlic paste and again stirring.

When we add any ingredients, constant stirring is followed. Now to this paste, garam masala, chopped green chillies and smashed boiled potatoes and boiled green peas are added.

Paneer takes the taste to another level when we add it. So let's add sugar first followed by grated paneer, salt, lemon juice and chopped coriander. Add resins and cashews for the best. A final stirring needs to be done to have a blend of all tastes.

Keep a bowl of water beside you and start folding the flattened bread slices in the form of a cone and fill the stuff inside it with the help of a spoon. Now close the top of it completely avoiding spaces which must finally look like a triangular shaped samosa.

Heat the oil in a deep frying pan over high heat and add the samosa, and fry until colour changes to golden brown on both sides. Now crispy, heavenly yummy bread samosas are ready !!!!

NUTRITIONAL FACTS:

Potatoes are vegetables and they provide significant amounts of potassium and vitamin C. One medium-size (5.3 ounce) skin-on potato contains just 110 calories per serving, has more potassium (620mg) than a banana, provides almost half the daily value of vitamin C (45 percent), and contains no fat, sodium or cholesterol.

Boiled potatoes are naturally rich in vitamins and minerals, particularly potassium, phosphorus, B-complex vitamins and vitamin C. They are low in calories and fat, and their high fiber content helps you feel full. Contrary to popular belief, potatoes are not inherently fattening.

Yes, peas contain carbohydrate, but they can still be part of a diabetes eating plan. The fiber and protein content of peas is thought to help slow digestion, which, in turn, can help smooth out blood sugar levels after eating. Peas also rank low on the glycemic index scale, with a glycemic index of 22.

It is the protein part of milk and not the fat. Rich in protein and calcium, when taken in moderate amounts it is not fattening.

A 28g serving of paneer contains 82.5 calories, which is way more than the calorie content present in certain foods and vegetables. Still, it has lesser calories as compared to cheese which has 97.4 calories per every 28g serving.

Weight loss:

Optimum health: Weight gain: The good: This food is a good source of Protein, Vitamin B12, Potassium and Selenium, and a very good source of Vitamin D, Riboflavin, Calcium and Phosphorus.

Tastes the BEST when served with GREEN CHUTNEY!!

Harika Maddukuri
160050125



POETRY AN ODE TO NATURE

When I gaze at you in an empty daze,
Your soft breeze touches my face,
Causing my melancholies to raze,
Giving my spirits a boosting raise.

You drive away my feeling of dearth,
Giving me the warmth of a hearth.
The charm of your resplendent sight,
Fills my imagination with roaring might.

Bright sun filtering through the trees,
Wrapping me in the warm, brisk breeze.
You ruthlessly invade my fortress of solitude,
Manoeuvring my moods to a soaring altitude.

You douse the flames of my boredom,
Opening the doors to a novel kingdom.
Yet, man reduces you to such a stigma
Leaving in my mind, an immutable enigma.



By K. Jaya Lakshmi
ECE-13004174

MY LOVE

The day when I fall on Earth,
I saw people with happy tears.
The first touch of mine,
Made you forget all your problems.

In every moment of my life,
You are with me.
For every success of my life,
You are behind me.
From then.....Till now.....

You treat me as your heart and soul
You feel my pain as your pain
You feel my problem as your problems
You adjust yourself to
make me happy According to me,

You are the most lovable person to me
And finally thank you a lot mom,
for everything.

B.Sai Vikas,
150050011, ECM

POP STAR

He is the **king** of pop, he is king of **hearts**,
He could make music of all sorts,
He is **BAD**, he is **DANGEROUS**,
I can't help dancing to his song because they are
exhilarous,
He could **HEAL THE WORLD** with his **EARTH SONG**,
He will be remembered far too long,
THRILLER was a sensation, it rocked every nation,
It was actually **BILLIE JEAN** that created HISTORY,
To me, whether he is **BLACK OR WHITE** is still a
mystery,
THIS is it, all can say, that is **MJ**.



R. Viswa Teja
BA

GIRLIEPLIGHT

IF SHE WANTS TO STEP OUT HER FEET
HER DEAR ONES BURN WITH HEAT

IF SHE WANTS TO GO TO SCHOOL
HER PARENTS AT HOME CAN'T BE COOL

IF SHE DESIRES TO GO TO COLLEGE
HER FATHER NEEDS TO GATHER COURAGE

IF SHE WANTS TO GO OUT FOR
A WALK TO ENJOY NATURE
THEY WILL RAISE A QUESTION
ABOUT HER FUTURE

IF SHE WANTS TO GO TO MARKET
THEY FELL SOMEONE SELL HER
IN FIFTY RACKETS

AT ONCE SHE USED TO TREAT AS GODDESS
NOW SHE IS NO LESS THAN NUISANCE
HERE SHE REFER AS BABY, WOMEN,
MOTHER, DAUGHTER, OR ANY WHO OWNS
QUALITY OF WOMEN AS MANY

IT IS NOT THE MATTER OF TENSION
IT IS THE CONCERN FOR ATTENTION
IT IS LESS OF REPUTATION
AND IT IS MORE OF AFFECTION

WHAT EVER MAY BE SITUATION
IT CAUSES RISE IN PULSATION
IT IS NOT THE MATTER OF PHYSICAL HEART
IT'S MATTER OF MELTING HEARTS

IF SHE STEPS OUT ALONE TODAY
MOST OF THEM FEEL IT IS
BRAVE STEP TO DIE

IF WE DON'T STOP THIS HARASMENT
IT ACT AS A STEP TO ENCOURAGEMENT ...!!!

Pavan Kumar
BA - 160570007

WOMEN

She gave life. She is a wife.
She is a mother and she is a friend.
She is a sister, a survivor 'til the end.

Appreciate her, we don't dare.
Ask her worries, we don't care.
Wipe away her tears,
they are invisible as air.

She works, cooks, and cleans.
She laughs, helps soothe,
and hides her pain.
When you struggle,
she pulls you through.

All this is her, and what do we do?
Complain and create a mess,
Provide stress and leave her depressed,
Push her away and ignore her advice,

She was raped tortured and abused.
Told she was nothing and
would always be used,
Just for pleasure, forget her pain.

She swallows her pride,
put her feelings aside.
She ignores your ignorance
and tolerates your flaws.
You call her names, but
She answers with pride, dignity,
and a complete loss of self.

You call her nothing.
I call her Strong, Smart,
Sensual, Caring,
Giving, Surviving, Tolerant and powerful.

I call her WOMEN !!!

Pooja,
BBA-160541098

TED TALK

TED is a non-profitable, global community devoted to spreading ideas, usually in the form of short, powerful talks(18 minutes or fewer) delivered by today's leading thinkers and doers. Many of these talks are given at TED's annual conference in Vancouver, British Columbia, and made available, free, on TED.com. TED speakers have included Bill Gates, Jane Goodall, Elizabeth Gilbert, Sir Richard Branson, Bill Clinton, James Cameron, Stephen Hawking, JJ. Abrams, Amanda Palmer, George Takei and many more.

In the spirit of ideas worth spreading, TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. At a TEDx event, TED talks, video and live speakers combine to spark deep discussion and connection. These local, self-organized events are branded TEDx, where x = independently organized TED event. The TED Conference provides general guidance for the TEDx program, but individual TEDx events are self-organized.

TEDxKLU

As young students and future citizens, we feel the responsibility and the need to create ourselves a space to explore, educate and empower. To make it all happen, we trust that TEDx is a great opportunity and platform to provide TED like experience or even more.

Our stage is such a space where you can explore the possibilities and EMERGE out of situations you think that are not meant for you. We believe it is

important for us to have a sense of community and here we bring bright-minds in and around the locality that are ready to share their stories with the world, consequently making it a better place.

Our speakers are:

- 1.Ravi Sreedharan - Founder,ISDM.
- 2.Shruthi Ahuja – Director, Ahuja Engineering Services.
- 3.Dr.Vishal Indla – Director, VIMHANS.
- 4.Turlapaty Kutumbarao – Journalist.
- 5.Anup Kalbalia – CodeChef India Lead.
- 6.Mandava Venkataratnam – Founder, Indiraa Foods.
- 7.Alkananda Bodapaty – Fashion Blogger.
- 8.Sudharshan Angirekula – Director of CENTOTECH, CEO of MANAM App.

Organizer Sudeepthi Says:

“The whole Idea of organizing a TEDx event occurred to me when I watched my first TED talk at the age of 12. I applied for the licence after I joined B.Tech in KL University. The 3-month process included numerous Skype-calls, interviews and questionnaires. I finally got the licence in August of 2016. Since then, TEDxKLU has become my aspiration, goal and Dream. Later on, forming a team, selecting speakers, sponsorship, publicity, finalizing attendees etc has been a roller-coaster ride. Against all odds, the spirit of my team and my passion towards TED have been my driving force”



Sudeepthi,
CSE, TEDx Organiser

Arrogance may win a battle but manipulation may win a war. A person who is able to tackle any sort of situation and who is not only intelligent but smart as well. As, in this 21st century it's just not the technical stuff but also smartness and personality traits that helps reach the zenith, he is one such person who proved that believing in oneself can lead to success. He is one among a few who got placed in "MU – Sigma". It was an awe-inspiring opportunity to take interview of **Mr. VISHNU SARATHI**, Mechanical Dept.



Name : V. Vishnu Sarathi
Id.No : 12007042
Placed in : MU-Sigma

Vachas : Hello !! Vishnu, it is a great pleasure for me to talk to you about your achievement. I heartily congratulate you on this. And wish more of this comes your way.

Vishnu : (Very pleasantly) Thank You.

Vachas : How was the interview?

Vishnu : It was one of a kind. Quite a simple task, if one clears the written. The written included reasoning questions, quant questions and some which are used to test one's mental ability and personality assessment. So, answer what you feel.

Vachas : How were the latter rounds??

Vishnu : First we had a video synthesis round. It was a speech given by the then CEO of the company Mr.R.Dhiraj. We were asked to synthesize the video in a small card."BE CRISP, BE CONCISE", next was a GD round . Topic was "Based on the video, whom would you emulate Iron man or Super man? "Strict GD etiquette isn't that stressed upon, be yourself try to show that you watched the video (the speech) and try speak atleast 4 times throughout the GD. Out of 10 people in our group 7 were shortlisted for the PI (personal Interview)

Vachas : Ohh!! Guess your GD went on pretty well.

Vishnu : Of course it did.

Vachas : So, how was your HR round??

Vishnu : The HR person has all the information about you, what answers you gave in the written test, your personality assessment everything. In my case I was asked to go for the interview 2 minutes after the previous person returned. My interview went on for about 7

minutes probably though i was asked only two relevant questions.

"WHY MU-SIGMA?"

"WHY NOT THE MECHANICAL CORE SECTOR?"
The better part of my interview went in general discussion about Bat man, DC and MARVEL comics and the characters there in. Also why both of us (the HR and I) disliked Sidney Sheldon and about the various other books that I have read. We also talked about 'Wolf Of the Wall street'. If you have fairly good communication skills it's time you showed them, it isn't a place for modesty.

Toward the end of it he asked me to ask him any questions and I asked him, "Why and when did you join Mu-Sigma?" This answer started another conversation. The key point is "Try to sound honest and sincere even if you aren't" "Exhibit your talents". My interview ended with him saying,"It was nice talking to you" and I walked out of the room with a smile on my face.

Vachas : Are there any suggestions for your juniors?

Vishnu : oohh yes!! The most important thing is not to get too worked up before the interview, practice keeping your cool (though it is a hard task).

Interviewed & Drafted by
-Hema Brahmani.B
ECE- 13004103





Name : **K. Ujjwala**
Id. No : 12003507(CSE)
Placed In : CTS, Infosys,
Wipro

People find it difficult placing in one company then what do you say about being placed in three companies. It's a bonanza right!!! Now let us extole briefly about Ms.Ujjwala

Vachas: *Do you think CGPA plays a vital role in an interview? How far your CGPA did help you in your interview?12003507*

Ujjwala: Well according to me CGPA just helps you get the eligibility to attend the campus interview (eligibility is 6.32 for our batch slot 1 companies and 7.32 for high-end companies. Rest all depends on how you perform on that day, the moment in front of the interviewer.

I have seen a fellow classmate of mine who has 6.7 CGPA but has good understanding of all the concepts. He cracked all the slot 1 companies (Wipro, Infosys, CTS). And another friend of mine had 8.2 CGPA but couldn't crack slot 1 companies, of course afterwards she got placed in iGate.

So CGPA has no role to play it all depends upon your performance on that single day and that few moments(around 15-20 min for slot 1 companies) in front of the interviewer.

Only Wipro company conduct technical exam for the candidates above 8.32 (and for others normal quant +verbal + logic) but at the end they hired only those who handled the interview perfectly.

Vachas: *After joining the university, did you ever feel that you have learnt something by the end of your final year other than studies?*

Ujjwala: Sometimes most of us feel we didn't learn anything in this university, but it's wrong this university has thought us many things like what is real happiness, how to deal with different types/ sections of people (like friends, faculty and maybe foes e. t. c.), how to handle tough people, how to handle betrayals or how to handle hard situations, time management, convincing skills and many more.

If not all I'm sure you would have experienced most of the things said above. University is like the first step to REAL LIFE...you feel like you didn't learn

anything, but you have learnt many life skills that will help you after you complete your life in the University or at least they will work as a reference to you in the future.

Vachas: *I found that IIT – NIT people face the interview so casually with informal attire yet they crack the jobs with a huge package. I see people here literally thriving hard to get into a formal look... what do you say? Will the attire really make a difference?*

Ujjwala: I don't know about IIT's and NIT's but it's better if we care about what happens in our university rather than thinking about other universities. The attire what you wear creates an impression on the interviewer.

When you are attending an interview you just have a maximum of 20 min to impress/ convince your interviewer that you can be hired, so your attire can help you create the best impression. If you wear something pleasant and cool colors and look professional in a formal look with a confident smile on your face that can create a good impression. Then finally the thing left to impress the interviewer with your technical and mental skills. So formal look is like the first step..!!

Vachas : *Many people are oblivious about the HR round. Can you explain about your experience in the HR round to us?*

Ujjwala: HR round is the coolest round, because in Technical round you need to speak about the technical concepts which you learnt and everyone speaks about the same definitions and writes the same program.

But in HR round, You talk about yourself that's the place where you can show the interviewer who you are and what you are, there's no obligation to tell those same old textbook written definitions, because everyone is UNIQUE and I just want to say, just be as YOU in HR round.

In Wipro HR the interviewer asked me to speak about myself. I spoke in a very confident manner and in Infosys I was asked about some technical stuff like SQL joins. All that matters is being confident in yourself while delivering the answers to the HR

Vachas: *Do you think that extra-curricular activities really promote the chances to get through the Interview? Can they help differentiating partaker among the rest of the participants?*

Ujjwala: Yeah extra-curricular activities do help in the interviews as interviewers love to know about your extra-curricular activities, because

all the time they listen to same old answers. Your experiences in extra-curricular activities should be refreshing for them and they even listen to them carefully, they even ask you if you had faced any issues and how you managed to get through those issues.

Because corporate life is full about handling crisis and tough situations, So for them you are already a professional if you have an experience in any extra-curricular activities. There's a friend of mine who was placed in Tech Mahindra. The HR asked the following questions:

Hr: so you wrote in your resume that your hobby is photography can u take some interesting pictures right now with my smartphone?

My friend: Sure sir

And he took some excellent PRO photos with all his skills and the HR was impressed by his skills in photography

P.S: He got the job!

Vachas: What do you feel about the training programmes in the college for placements? How far did they aid you?

Ujwala: They are really good. Attend all quant, verbal, reasoning classes. Some of the tricks they say are really helpful, because anyone can answer the questions given in the written exam even a school kid! but what makes the difference is time management. You need to solve them real QUICK!! so learn some good shortcuts or tips and practice applying them (Princeton review tips are SUPER COOL ...practice them real HARDI applied all their techniques in my written exam and in most of the cases like 95% of it worked)

It all depends on your hard work and how well you perform on the day of your interview, because there won't be any use if you do real good hard work and just sit IDLE on that DAY

Attend the Mock interview sessions, GD sessions... They help you a lot.

It's not like I'm saying attend all the classes for sure (try attending at least 6 to 7 classes of 10 classes conducted) and just attending is not going to fetch you anything, you have to practice and implement what they teach in those classes.

*Interviewed &
Drafted*



R. Akhil
ECE- 13004494



Momina Anjum
ECE-13004310



Name : **R.Sai Kalyan**
Id. No : 12005249 (ECM)
Placed in : *Sutherland , TCS (Off-Campus)*

A leader of the masses, a mastermind, a grandmaster all put together is a rare finding. But this person is the one so unique to have the qualities, all in him. Leading the university in chess championship many a times and representing the state in various tournaments, he has brought many accolades to himself and made his family proud. It was an amazing opportunity to interview R. Sai Kalyan.

Vachas : *Friendship is like a backbone to success. Does friendship have a role in your journey to get a job?*

Kalyan : Yes, friendship played an important role in my journey so far. Each time I failed to go up the rung, I had some kind of force always pushing me up and encouraging me to climb up the ladder due to which I could surpass many difficulties and get a job.

Vachas : *Describe your feelings before and after the first interview.*

Kalyan: Kinda well my first interview was Wipro it went very happily but my heart throb was the 2nd one Infosys. Before I entered the interview I was well prepared as the questions being asked were general topics (that was what those who attended the interview before me told). As I went in the first question they asked me was to speak about myself. (I prepared a 5 minutes speech about myself (laughing)). As I began speaking about myself, I was stopped in the middle and asked a question on computer networks (Being from ECM that was one of the core subjects). It was like a blackout for me as I was not so prepared for a question from subject out of nowhere and that was it. I knew I was out. This was an experience for me. When I came out I understood that everything must be prepared for an interview. It was a learning experience.

Vachas : *People keep going behind CGPA for*

everything in the college. Do you really think CGPA has a role in fetching a job?

Kalyan : CGPA does not actually play a major importance in fetching a job. Nowadays, people look more towards the skills the student has rather than his/her CGPA. So without skill and only a 9.0 above CGPA won't fetch you any job.

Vachas: How can one easily surpass an interview?

Kalyan: The way you speak matters a lot. It will be easy once the ball is in your court. What I mean is once you are able to take the interviewers under your control by deviating them, the game is yours to win. It then depends on how you are going to handle the match further during the interview. At the end you are the winner and the job is yours.

Vachas: Did chess play a role in helping you through the reasoning?

Kalyan: Chess is the game where we use the brain. It helped me a lot in reasoning, as in chess we reason for every move we take and the same thing occurs with reasoning in the exam. We get the ability to reason for every question and crack easily.

Vachas: How did the extra –curricular activities in the college help you out in getting through?

Kalyan: Firstly, I feel proud to be a part of KLUSO. Before I joined the KLUSO, I did not know much English and was indeed very poor in the language. Also I was a kind of person very confined to self. Once I joined KLUSO in my 1st year, it all changed. I learnt how to speak well and to manage crowd. "How I was and how I became" is what I would like to say when I look back at what KLUSO made me.

Vachas: How did you approach the interviewers in the first few minutes?

Kalyan: The first few minutes of any interview is all about self-introduction. That's the crucial time when the ball will be in your court. In those few minutes, you can turn the interview in your favour. The rest of the interview will depend on the first few minutes. I had something to tell about myself as I was the representative from south zone in chess tournament at Coimbatore this year and leading a team of 150 people during the Samyak was another achievement. These kind of things really matter to add up to the CV. So, in the first few minutes, the way you approach to their questions will boost up your confidence and the rest is a cake walk.

Vachas: What difference did you find between attending on-campus and off-campus interviews?

Kalyan: Competition is the main aspect that largely differs. The off-campus interviews have a large competition as compared to on-campus interviews. The approach should be different while attending them. During the on-campus interview, one can mention about their projects as the interviewers generally do not go into depths. But one must never make a mistake of mentioning about the projects during off-campus interviews as they may be more curious and may ask you few things that you may not even know. This will bring down your confidence levels. So have a different approach while preparing for the off campus interviews.

Vachas: Do you have any advice to pass on to your juniors?

Kalyan: Well, I would like to say that "never be let down by one failure, for there may be a greater success awaiting you". One may not be selected in the first few interviews. This must not make them go low and into depression for there may be a better opportunity waiting for them. And also learn from your mistakes. In every interview, there may be flaws committed by you. See to it that the same is not repeated in the following ones.

Vachas: What or who is your inspiration?

Kalyan: I admire a few quotes. One by Adolf Hitler. It goes "If you don't like the rule, just follow it, reach on the top and change the rule." Also I suggest to "Accept your failure and your success in the same way, but don't stop showing your attitude when it matters."

Vachas: What message do you want to pass on to your juniors?

Kalyan: The thing I want to convey is that one must learn from his/her mistakes. Making mistakes is fine but as long as a mistake goes un-learned, it remains a mistake all through leading you to lose and go down in life. So whatever mistake you make learn from it. You may not be able to relive and un-commit that mistake, but can prevent further mistakes by learning from it

*Interviewed &
Drafted By*



Vijay Sai Josyula



Aishwarya.Y



Name: **Vanditha Nagaraju**

Id. No: 12003535 (CSE)

Placed In: IGate

A cheerful face, amicable attitude, leadership traits and a welcoming heart; all these features summed up into one individual. The one who is multipotential and her way of dealing the situations is quite remarkable. She is currently working in AMAZON.

Vachas: Hello Vanditha. Congratulations from our side.

Vanditha: Thank you. It is my pleasure

Vachas: Can you please brief us about your Igate interview experience?

Vanditha: My interview started as usual with the question introduce yourself. Then he asked me about my projects. Few questions on DBMS, differences between C n C++.

Vachas: Have you attended any other interviews prior to it

Vanditha: Yes, I attended Wipro and CTS. Wipro interview is damn good. He asked two programs

and I answered them well. CTS is a bit tough. He grilled me on topics like heaps, routines in DS. Though I managed this round I lost in HR round inspite of it being a friendly talk.

Vachas: Why do you think you lost those interviews and makes you feel that you have nailed Igate

Vanditha: CTS I am not sure. Wipro it is due to no proper food all day long. My cool nature reduced by the end of the day.

After rejection in slot 1, the fire and enthusiasm in me is vibrant. I have taken everything positively. To nail it one should have good communication skills, crystal clear in their thoughts and be different from others (in positive sense)

Vachas: What strategy you followed during your preparation

Vanditha: It should be agreed that practice makes man perfect. Writing mock tests should be your daily routine. It is better to deduce your own strategy. Practice aptitude and verbal rigorously. You can go through RS Aggarwal and also some websites like IndiaBix, freshersworld.com, glassdoor.com.

Vachas: Did the CRT classes of college aid you well

Vanditha: Yes, in my case they helped a lot. For English I followed the worksheets of college for English.

Vachas: How should one prepare for the technical stuff

Vanditha : Refer the basics of your important and favourite subjects. Write your own notes specially with key points. Some very common subjects are C, C++, DBMS, OOPS, DS, CN, OS from CSE side. Non-CSE people should look after their core too.

Vachas: Did your academic projects help in your interview. What type of projects you preferred to say

Vanditha : Truly worked hard and best ones of my academic projects. We should explain our module.

It is preferable to say about your sincerely worked project than application based project

Vachas: *What role your resume played in interview?*

Vanditha : It plays a key role in interview. Career objective should be good enough but it should be honest. It's better to act but not to over act. One should SWOT analyse oneself to justify all the cross questions. Just be yourself. Confidence is really important.

Vachas: *Can you please give a gist about the interview process of non-tech roles/ companies*

Vanditha : Concentrate on analytical skills very much. They give priority to your English writing style and vocabulary is observed. Apt is given less importance. HR and PI are the deciding factors here.

Vachas: *Are you going to join this job or do you have any plans for higher studies*

Vanditha : I have written GMAT and IELTS and going to do MBA in Australia after one year. Meanwhile I would like to work for experience.

Vachas: *Would you like to say something valuable to your juniors?*

Vanditha : Just don't get deviated from your goals and frame the goals depending on your interests. Plan in 3-2, Take action in 4-1 and Be ready with everything in 4-2. Trust on your hard work indeed smart work, luck is secondary.

Vachas: *It is nice talking to you Vanditha. All the best for your future endeavors.*

Vanditha : It is my pleasure. Thank you very much.

Interviewed and Drafted by
E. Bhavitha
ECE - 1300 4232

PEARL

Sun may shade,
Time may fade,
Moon may shine,
Birds may whine,
Clock may stop ticking,
Heart may stop beating,
Clouds may fizzle,
Auditoriums may dazzle,
But
I say but,
The love in my possession and
the sketch in my heart
Are the brightest pearls I've found;
Sketch that makes me happy and
The love that makes me complete.

A SECLUDED CUL-DE-SAC

At the end of that street,
I have none to witness my pain.
None to support me when I needed them the most.
Here I am weeping a deluge all alone, and seeking
some miracle to happen.
Then I realized, an isolated silence has the power
to save a person and kill him at the same time.
But,
I am lost in this silence trying hard to come out,
I am lost in an endless path having no clue of how
to escape it.
Then I realized, all I need to here is your voice to
come out of that street, a ray of light sorts.
I am lost in this Secluded Cul-de-sac.

-Vamsi Krishna Chalamalasetty

EXPUNGING OVERSIGHTS

Unlike most of you, I was not so fortunate to have ever experienced the soothing touch of maternal love. It was with the loss of my mother's sole existence that I entered this world. She was chopped and her body underwent rigorous processes as a result of which, I, along with my identical siblings were created. I vividly recollect my birth in an Indonesian factory. With the extremely painful processes implemented on me by the factory workers, I obtained my dimensions, eventually being born a full-fledged baby.

My short-lived infancy was a sweet and memorable one as I bonded well with my family members. Together we were transported by road to a port from where, we were stacked into some cargoes, after which we parted ways. It was a long, hectic journey covered in complete darkness. Arrival at our destination was indeed a sigh of relief, as all the darkness was illuminated with striking of the first ray of sunshine that I witnessed after ages altogether.

The new place I stayed at was a departmental store, which was where I spent my brief childhood. Although I was apparently homesick, new friends who were all stationary items, consoled me and continuously boosted my morale, while enlightening me regarding the serviceable purpose of my birth, viz. correcting the writing mistakes of humans.

For months altogether, I lay in a basket as my friends were all sold, one by one. But my long wait was worthwhile as I was purchased by an aged gentleman, who presented me to his young primary school-going grandson Uggoo, who finally became my owner. That was the day I attained adulthood. Uggoo took great care of me and utilised me well to erase all his writing mistakes. Despite the immense pain of getting worn out and shrinking in size while being used, I had a sense of satisfaction with the service I was doing to a good boy like Uggoo, who loved me so dearly.

Years passed, I reached my middle age and Uggoo became a teenager who got busy with other avigations. He no longer had time for me and I felt as if I lost my value.

Then one day, a nightmare of mine became a reality. While I was resting in Uggoo's pouch during his class hours, within a blink of a second, I was stolen by this evil boy called Ibbu! My world tumbled upside down. Life as a hostage was absolutely atrocious. I had to

endure being pinched, dropped, thrown, stamped and scratched. The torture inflicted on me, tempted me for suicide. I eked out a living praying that a miracle would free me out of the Ibbu's clutches. That trying time was indeed a moment of litmus test of my faith and perseverance.

The day finally arrived when I was liberated from captivity. Ibbu chucked me in the dustbin! Although completely sullied, the bin seemed far better than Ibbu's haunting presence. There I lay, silently amidst the filth, reminiscing my beautiful past in Uggoo's company. How splendid my youth was!

But soon enough, the time of alleviation of my hardships cropped up on one fine morning when I was found by a young rag picker. He was Somu, a bright young lad of slums, who strived for education. For him, I was God's gift, whereas for me, he was my new benefactor. While he wrote with Pencil and Pen, he used me to rectify his errors in the process of completing his education with the meagre opportunity he had. Who can better understand the significance of emerging victorious from tough times, if not me?

Somu rose from his hardships and reached a fine stature in life. The kind-hearted fellow stored me along with Pencil and Pen neatly in the teak cupboard of his luxurious villa as a memory of his struggles to attain excellence and success. In the process of heightening his endeavours, I became best buddies with Nataraj Pencil and Cello Pen, who now remain my constant companions.

Now that I have happily retired after aiding the most deserving candidate, I sit wholly contented with my selfless services to my possessors. Presently I am totally worn out, having completely shrunk to a tiny size. As old age has completely affected my entire body, I can no longer work as effectively as in the past. So I perch, gleaming with immense pride. Before death prevails, I felt it the most apt time to write down my autobiography, for my life has not gone in vain. Believing the philosophy of "work is worship" I have done complete justice to my mother, Rubber Tree, who sacrificed her life for the sake of my birth. Despite all the trials and tribulations I underwent, I emerged triumphant. Having fulfilled my life objective, I can die with peace. I am a gratified winner!

All you intelligent readers must have, by now, comprehended my identity accurately. Yes, I am Eraser - "Non-dust Eraser".

Amrutha Lingampalli
CSE- 14003361

Brain Teasers

- I only exist when there is light but direct light can kill me ... who am I?

Shadow

- At evening I get my assignment and I always fulfill it. But every time I do, I get scolded who am I?

Clock

- It only increases never decreases what is it?

Age

- What can be seen once in a minute, twice in a moment and never in a thousand years?

M

- I come in different shapes and sizes. Parts of me are curved, other parts are straight. You can put me anywhere you like, but there is only one right place for me. What am I?

JIGSAW PUZZLE

- Feed me and I live, yet give me a drink and I die Who am I? .

Fire

- What kind of room has no doors or windows?

A mushroom

- Take off my skin – I won't cry, but you will! What am I?

Onion

- Imagine you are in a dark room. How do you get out?

Just stop imagining!

- What is at the end of a rainbow?

It is the letter w.

- Which is correct to say, "The yolk of the egg is white" or "The yolk of the egg are white"?

Neither of them is correct. Egg yolks are usually yellow.

Fun Facts

- ◆ In 2004, Los Angeles planted a pine tree in memory of Beatle, George Harrison. Ten years later, it died of a beetle infestation.
- ◆ A waterfall in Hawaii goes up sometimes instead of down.
- ◆ The elephant is the only mammal that can't jump!
- ◆ Recycling one glass jar saves enough energy to watch TV for 3 hours.
- ◆ Ketchup was used as a medicine back in the 1930's.
- ◆ In the U.S., there's an official Rock Paper Scissors League.
- ◆ A group of owls is called a Parliament.
- ◆ The most overdue library book was returned 288 years late.
- ◆ Viruses can get viruses.
- ◆ Cows moo in accents specific to their region, just like humans.
- ◆ In 2004, Los Angeles planted a pine tree in memory of Beatle, George Harrison. Ten years later, it died of a beetle infestation.
- ◆ A waterfall in Hawaii goes up sometimes instead of down.
- ◆ The elephant is the only mammal that can't jump!
- ◆ Recycling one glass jar saves enough energy to watch TV for 3 hours.
- ◆ Ketchup was used as a medicine back in the 1930's.

OUR HERITAGE



Every country boasts of its heritage in one way or the other. It gives them the sense of identity and pride. These historic places are the direct targets of attack in any of the wars since ages. The diversity of heritage includes monuments, museums, artifacts, natural formations, scenic beauties, customs, rituals, and traditions.

It makes us proud to reminisce the structures like Charminar- at the intersection of four main streets, Ajanta and Ellora Caves- paintings and sculptures in naturally carved rocks. But Taj Mahal- the embodiment of love is the 8th wonder of the world because of less votes in 'The Wonders of the World, 2007' though it has a population of more than 100 crores especially with youngsters of above 65 crores.

Youth is a collective term that indicates the collective efforts of youth from all diversities that builds India. It is this youth that are the face of this ancient nation and represent its culture and diversity all over the world. Many awareness drives are being conducted to the youngsters in India. The simple measures from anyone's side is to keep the places clean, avoid scribbling on walls and structures, to follow the basic rules that are indicated by the authorities.

Government generally allocates huge funds to protect and conserve these localities. This has a huge tourism impact on the country thereby contributing its part towards the economy of our developing nation. Technology is advanced in many sectors but none concerns about the need to upgrade the security levels of our monuments and museums. We enjoy movies that project various hacks but fail to realize that it is what exactly happening in real world. With advancements in science and improvements in many fields like telecommunication, cryptography, embedded systems it is not a harder task to arrive at a cost-effective solution so that the government paves the way towards their funding.

The Archaeological Society India and the courts of India have made many laws to protect the heritage. Yet Lot of theft, mismanagement of items takes place multiple times because of unsophisticated equipment. The present laws that make the felons get caught after 10 years are not sufficient. People who are ready to buy legally are unhappy and disappointed because of stringent and lengthy procedures. Even such persons are tilted towards acquiring the artifacts illegally so that the hectic formalities are avoided with a bit of high cost. From the peoples' perspective if any celebrity or VIP act improperly with the protocols or customary rituals then it's a viral issue as many eyes watch them but if any commoner does that without notice then it's just casual. It is our attitude and perspective towards the issue that should be changed to bring change.

From west, we have copied corporate life style, dressing sense, language but failed to drive them towards the richness of our culture that is renowned by world and praised by universe. It is our greatest innocence of human kind that we organize various international summits just to clear the dirt that we have made through emissions from automobiles, utilization of plastic, unsustainable industrial practices. Anything has an outcome value after allocating resources and putting in effort. But is it good to achieve this outcome at the stake of human health, environmental degradation, depletion of ozone layer, loss of great monuments and structures, mental peace and human values where the outcome is depleted in the process of retrieving the lost culture and heritage.

It is our custom to worship trees, animals, rocks. Many practices were on the verge of their extinction

in concrete jungles like worshipping goddess Earth, treating cow as mother, eating squat-legged, circumambulation around Tulasi plant that have resulted in degradation of health and mental strength. It is a note-worthy example that students in the protest of Jallikattu has taken active part to preserve their heritage irrespective of many odds. One state or two is not adequate to bring back all that is lost. The whole India should be awakened to spread the glory and improve the present status of many.

The village people of Mendha in Maharashtra has taken its initiative to protect its surrounding forest cover. They do not allow commercialization at any cost except for non-timber produce and have restrictions on other forest produce usage. They are open to innovative ideas from the outside world that are sustainable and proactive in taking measures to conserve the forests. These people can be exemplified as the real children of great land of

India.

The spirit of these people reminds us of our duty towards mother land in protecting her pride at all costs. The youth of this land should remember to pay their tribute in small acts after all they are the face of the nation and we are bestowed with this great privilege of preserving our great HERITAGE of Ancient BHARAT. In a line, it is preserving the past for the future.

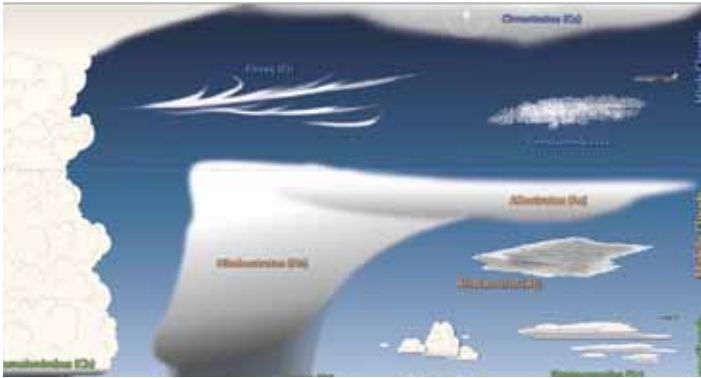


Bhavitha Edupuganti
ECE- 13004232



Leap seconds in

The rotation of the EARTH is slowing down. This means that a solar day (the time it takes Earth to make one complete revolution) and the time shown by atomic clocks would gradually diverge. This problem has been solved by adding “leap seconds”. There have been 22 leap seconds since 1972. Last one was added on June 30th, 2015. Next leap second will be added on December 31st, 2016.



Clouds

Do you know that there are 10 types of clouds?? Each has a characteristic shape and appears at certain levels in the sky.

Has anyone wondered why can't we fold a paper more than 8 times? Every time we fold a paper, number of leaves is always doubled. That is as we fold a paper, the number of papers become 2, 4, 8, 16, 32, 64, 128, 256.....when we fold a paper 8 times, its 256 pages thick! This is equal to the number of pages in a fairly thick book.

When we fold a stack of papers, the outermost sheet needs to cover a longer stretch than every other sheet. If the stack is a result of successive folding, we have a situation where part of original paper is being made to stretch longer than the rest. Paper may be delicate in many ways, but it does not stretch or break easily. You can try this practically. Take a paper and roll the 2 opposite edges squarely onto 2 pencils. Hold on to one of the pencils and let your friend take the pencils and let your friend take the pencil to opposite end. If the paper is dry and the 2 of you pull exactly opposite to each other, chances are that you will not succeed in stretching or breaking it. You can tear paper easily, but to stretch or break it requires a great deal of effort.

K. Anusha
BT, 3rd year

WHAT MAKES 5-STAR HOTEL SO EXTRAORDINARY?

Hotels, just like movies, TV shows they are also classified based on star rating. They are usually rated based on the quality of the food and beverages, 24/7 based services, suites, amenities, view, Business Centre, Conference Hall, Swimming pool, spa etc. Hotel ranking differs from country to country there are no uniform standards followed internationally. However, the expectations that hold universally across three, four or five star are similar. In India the ratings are given by Ministry of Tourism according to the facilities the hotel provides. The division is as follows

Star Category Hotels : 5 Star Deluxe, 5 Star, 4 Star, 3 Star, 2 Star & 1 Star

Heritage Category Hotels : Heritage Grand, Heritage Classic & Heritage Basic

Most of the celebrities, high ranking officials and business magnates reside in the 5 star hotels. These hotels have intricate architectural and interior designs and mostly; 24*7 room service, gourmet dining. The rooms have in-suite bathrooms, high-speed Internet access, and excellent city view and contains all essential amenities. These hotels have golf courses, luxurious spas, children day camps etc. Bookshop, Dry- cleaning /laundry, Health / Fitness facilities, Beauty salon are facilities that differentiate 5 star hotels from others. Most high-rated hotels caution to not to pester celebrities for autographs and selfies. Regarding dress code you can have both formals and in formals if there is any specific dress code they will mention it in their website.



B. Hema Brahmani
ECE-13004103

CURRENT AFFAIRS

INDIA HOSTS WORLD'S OLDEST ALGAE FOSSIL

Indian Scientists have uncovered a pair of 1.6 billion-year-old fossils that appear to contain red algae. It may be the oldest plant-like life discovered on Earth. Until now, the oldest known red algae was 1.2 billion years old. The discovery was published in the journal PLOS Biology.

The material structurally resembles red algae was found in Chitrakoot region in Uttar Pradesh and Madhya Pradesh. It was embedded in fossil mats of cyanobacteria inside a 1.6 billion-year-old Phosphorite (a kind of rock). Scientists had used x-rays to observe regularly recurring platelets in each cell, which they believe are parts of chloroplasts (organelles within plant cells where photosynthesis takes place).

The note-worthy point here is that scientists often debate the question of when complex life began on Earth. It is generally believed that large multicellular organisms became common about 600 million years ago. This discovery could lead scientists to rewrite the tree of life.

Indrani Das wins top prize in Regeneron Science Talent Search competition

Indian-American teenager Indrani Das (17) has won the top prize of \$2,50,000 in the Regeneron Science Talent Search competition in the United States (US). She has won the award for her research on treating brain injury and disease. Her research showed a way for increasing the survival rate of neurons affected by brain injury or neurodegenerative disease.

Neuron death is a condition that occurs when cells called astrocytes react to injury by growing, dividing and reducing uptake of glutamate, which in excess is toxic to neurons. Das's in a laboratory model showed that exosomes isolated from astrocytes transfected with microRNA-124a improved astrocyte uptake of glutamate and also increased neuron survival.

Indian-American teen, Arjun Ramani was placed at third place for his project on networks using mathematical field of graph theory and computer programming. He won prize of \$1,50,000. Of the

40 finalists of the science talent search, 13 were Indian-Americans. More than 1,700 students took part in the contest. **5th place award (\$90,000):** Won by Archana Verma for research related development of windows that could produce solar power. **7th place award (\$70,000):** Won by Prathik Naidu for a developing software to study human genomes and cancer. **9th place award (\$50,000):** Won by Vrinda Madan for her study of medications for malaria.

About Regeneron Science Talent Search competition

It is the oldest science competition in US for students. It is nicknamed as the "Junior Nobel Prize". Twelve of the contest alumni have won Nobel Prizes. It was originally sponsored by Westinghouse in 1942 and Intel took it up from 1998 till 2016. Now it is organized by the Society for Science and the Public in association with medical firm Regeneron.



N Mahesh,
ECE-150040582

Brain Teaser

Harry Potter And Prisoner of Azkaban Riddle

Think of a person living in a disguise. The one who also deals in secrets and speaks nothing other than lies, Now think of a thing that's always the last to mend What's the middle of the middle and also the end of the end? Now think of the sound that you have often heard. When you were searching for a difficult-to-find word Now if you can join them together and you can answer this Which creature would you be reluctant to kiss?

Solution: **A Spider**

B. ARCH EXPO

The architectural model expo featured the architectural models and proposals created by the students of the School of architecture. It highlights behind-the-scenes are to ensure how a student evolves an architectural form using basic elements and principles of design. Visitors witnessed the moments of the students' vast ideas getting consolidated onto the architectural form using colors, textures and shapes which can be visualized and appreciated by the public.

This expo acts as a platform to showcase the talent and creativity of the students of architecture. This expo records a huge success ratio compared to the last year department expo conducted.



Model showing a proposal for primary school



Student explaining designs to the faculty



Students sharing the ideas with others



Students sharing the ideas with Faculty

Our perspective goals on the School of Architecture Expo are to showcase the excelled works of all the architectural schools under one roof.



Entrance Gate Design Proposal



Finally after the success of Architecture Expo-II

Seminar on Rural Construction Technologies

The National Institute of Rural Development and Panchayati Raj (NIRD&PR), an autonomous organization under the Union Ministry of Rural Development, is a premier national centre of excellence in rural development and Panchayati Raj. Recognized internationally as one of the UN-ESCAP Centers of Excellence. As a part of its wide range of initiatives the NIRD has put rural construction technologies as one of its key agenda.

Rural structures built in Rural Technology Park



Construction which has its key role in architecture led us to initiate a seminar to educate the students in these technologies. The seminar focused on the existing technologies that are being implemented in many villages and also the role of young architects in developing such technologies. All these technologies were developed keeping in mind the local available materials and the sustainability of materials. The project engineer of RTP and Sanitary park Mr.B.N.Mani from NIRD whose brainchild is the RTP has given his seminar giving the students an insight in the need, purpose and scope of these technologies. Mr.B.N.Mani has immense experience in this field bagging himself with the credit of organizing many workshops in Afghanistan etc and an experience of almost 20 years in the field.

The seminar ended on a fruitful basis by extending this collaboration with NIRD and conducting an intensive workshop in rural construction technologies in the coming semester.

T. Ashok Kumar - LAW - 1500550005

G. Sri Ramya - ECM - 150050057



BARRIERS OF COMMUNICATION

Communication is the art of transmitting information, ideas and attitudes from one person to another. It is the process of meaningful interaction among human beings. Barriers means obstructions likewise communication barriers means the obstacles faced during the process of communication. Few common communication barriers are

Cultural: A person's culture and origin is reflected in his language. Cultural diversity makes communication difficult as the mind-set of people from diverse cultures are different. The language, signs and symbols are unique. Different cultures have different meaning of words, behaviour and gestures. For example, separation of East and West Germany for 40 years caused the language to differ a lot. The dialects changed as the people of East Germany had an influence of English.

Language

It indicates the difficulties while communicating with others who speak different languages. It causes misinterpretation among people. Language barrier is of two types one being the difference in languages while the other being the unfamiliar accent when speaking the same language. The greatest complement one can pay to another person is by communicating to them in their local language. The speaker needs to understand the other person's attachment towards his/her language which wipe out language barrier.

Emotional

To overcome emotional barrier it is important for us to have full knowledge on what we are speaking. Anger, pride and anxiousness are the most common emotional barriers one encounters frequently. It induces the ability to express high amount of emotions or unable to express their emotions. Some people may feel off-limit to express emotions.

Perceptual

These are the barriers which are generally caused due to the differences in the opinion among the individuals. They are internal barriers. Based on the individual the perception barrier may differ. For example, "you are crazy" is a common sentence

where few may feel it to be a complement whereas others may be offended by the same sentence.

Physical

It may be outlined as any disturbance that obstructs the person from delivering effective conversation. Physical barriers include noise, technical problem, climatic conditions, time, distance etc., For example, if you are having a conversation with someone along the roadside, the noise of the passing vehicles can make it difficult for you to concentrate on what you are saying, apart from interfering in effective listening. Similarly, if you are talking to someone in scorching heat, then the physical discomfort can easily cause you to be disinterested in the conversation.

These were some types of barriers that can prove detrimental to effective communication. It is important that these barriers are recognized and corrective steps are taken to prevent or reduce their impact on communication

By **Vijay Sai Josyula**
BT-14001042



Funny Puzzles

I am a son of a chemist and a mathematician.
People called me Iron59.

Solution : **Felix**

Explanation:

Iron = Fe (chemical symbol)

59 = LIX (Roman numerals)

A man was sitting on his couch and searching for the English Channel.

How did he find it?

Solution : **Probably a map, it is between England and France.**

AUGMENTED REALITY

Augmented reality (AR) is a live direct or indirect view of a physical, real-world environment whose elements are augmented (or supplemented) by computer-generated sensory input such as sound, video, graphics or GPS data. It is related to a more general concept called mediated reality, in which a view of reality is modified (possibly even diminished rather than augmented) by a computer. As a result, the technology functions by enhancing one's current recognition of reality. By contrast, virtual reality replaces the real world with a simulated one. Augmentation is traditionally in real time and in semantic context with environmental elements, such as sports scores on TV during a match.

With the help of advanced AR technology (e.g. adding computer vision and object recognition) the information about the surrounding real world of the user becomes interactive and digitally manipulative. Information about the environment and its objects is overspread on the real world. This information can be virtual or real, e.g. seeing other real sensed or measured information such as electromagnetic radio waves overspread in exact alignment with where they actually are in space. Augmented reality brings out the components of the digital world into a person's perceived real world. One example is an AR Helmet for construction workers which displays information about the construction sites. The first functional AR systems that provided immersive mixed reality experiences for users were invented in the early 1990s, starting with the Virtual Fixtures system evolved at the U.S. Air Force's Armstrong Labs in 1992.

The type of augmented reality you are most likely to encounter uses a range of sensors (including a camera), computer components and a display device to create the illusion of virtual objects in the real world.

In general, the device looks for a particular target. This can be anything, but usually it's a 2D image printed on something like a movie poster. Once the augmented reality application recognizes the target via the camera it processes the image and augments it in some way with pictures and sound. For example, you may see the movie poster spring to life and play a trailer for the film. As long as you look at the poster

through the "window" of the display you can see augmented reality instead of plain old vanilla reality.

By using smart algorithms and other sensors such as accelerometers and gyroscopes the device can keep the augmented elements aligned with the image of the real world.

Using a smartphone or tablet computer as a "magic window" into the augmented world is one way we can relay this digital info to our eyes, but there are many other ways to achieve this.

Digital imagery can be projected directly onto physical objects. This is known as projection mapping and can be used to quite striking effect. For example, the Dyadic Mano-a-Mano uses projectors and Microsoft Kinect sensors to equip the user with 3D digital imagery projected directly onto the environment. The user doesn't need to wear equipment or use any devices. Interaction with this system is highly natural and intuitive.

The two areas where there is a lot of commercial development in augmented reality are education and gaming. The two biggest mainstream video game consoles, the Xbox and PlayStation have included augmented reality capabilities for the last two generations. Seeing the potential for augmented reality in education isn't hard. It's being implemented in fields such as medicine where students can benefit from live 3D models.

In medical practice augmented reality can project information directly onto the body of a patient. For example, the vein viewer system projects a real-time image of infrared vein scans directly onto the patient's skin. Creating the impression that the skin is transparent. This helps the clinician to see the veins clearly.

Augmented reality is also utilised in marketing and advertising as a means of enhancing certain aspects of a product in order to make it more attractive which will boost sales.



P.Srikar Kashyap
CSE-14003130

BEWARE-HACK MAY GIVE YOU HAT

Folks are you sure that you are safe and sound in this cyber world. If you are sure and if you are not let us see,

Hackers are the one who involve in stealing the personal data of others without their acknowledgement. This process is known as Hacking. They can steal any data that is linked directly or indirectly to electronics, from our phone to satellite what not everything. All hackers are not same there are some good hackers too.

Black hackers are the one who are involved in stealing our data without our concern whereas on the other hand white hackers are the one who are personally appointed by the companies to hack their own company sites and making it strong and secured. The one who are white hackers are called as **"ETHICAL HACKERS"**. Some malware who come across at some point or the other are:

Ransomware: The word itself tells that is a malware which is associated with the money. Yes, folks you are correct that this malware will change the code in your computer to a very high level language and demands the user money to remove it.

Font wasn't found: It has its nativity in the chrome browser. The hackers will change the code of the weak coded website and they will tell that in order to view this

page a particular font pack has not being installed please install to go through. when we click to install the pack with it they will send the malware and hack your computer.

Spear-Phishing: Using this malware, one of the biggest hacking ever has taken place (i.e. the hack of Yahoo). What this malware do is it will send an invalid link to our mail and if we click that link then it will start its procedure. It is a targeted form of phishing in which attackers trick employees or vendors into providing remote-access credentials or opening a malicious attachment containing an exploit or payload.

Worm: It is a program that replicates itself and destroys data and files on the computer. It will eat total data until the drive gets emptied.

Trojan: These are written with the purpose of discovering our financial information, taking over your computers system resources and in larger systems creating a "denial-of-service attack" - an attempt to make machine or network resource unavailable to those attempting to reach it



M. Gopinath
Petroleum-150080015

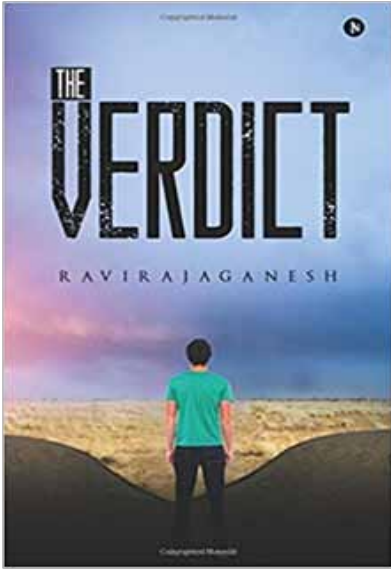
KLU COLLEGE OF LAW

KLU College of Law is conducting activities like Moot Court training Programme, Mock Parliament, NSS events, Legal Aid Camps, Soft Skills training activities etc.

Moot Court Training is being conducted every week for all the students. The training is under the guidance of one of the top most advocates. Every year we constitute a committee for conducting Moot Court Programmes. Mock Parliament sessions are another soft skill and general knowledge development sessions.. In every Mock Parliament session we discuss the current issues and it goes on like any parliament session with a ruling body and the opposition.

T. Ashok Kumar
LAW-1500550005





THE VERDICT



Author:
Ravi Raja Ganesh

The Verdict gives us the feel that it's a story of our friend. Ravi narrated in such a realistic manner that it happened in our real life. Verdict is a story of the boy who has faced many ups and downs and how he achieved his dream writing and how he tackled the hardships of his love. Thanks Ravi for giving us such a joy in reading and bringing back our college days.

The author is the alumni of K L University and The Verdict is his journey in K L U and he achieved his passion by crossing several hurdles.

-Sreeram Sarath Putta

MAKE ME

Author: **Lee Child**

Make me is the 20th installment in the Jack Reacher series.

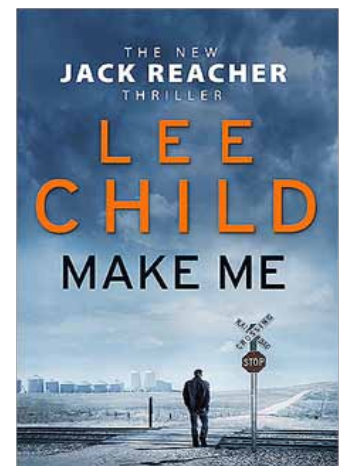
Lee Child is a prolific thriller writer known for the Jack Reacher series. Child always adapts and follows a simple formula, a man who drifts around the country in "off-the-grid" mode, Despite the expected Reacher-novel formula, this series remains as compulsively readable as ever.

In this case, ex-army man Reacher's crisscrossing of the US brings him to Mother's Rest, Oklahoma, where curiosity about the origin of the town's name prompts him to jump off the train - and into a brand new mystery.

Reacher meets Michelle Chang, a former FBI agent-turned-private investigator who is looking for a missing colleague, and discovers that the townsfolk do not take too kindly to strangers. As Reacher and Chang try to ascertain why, the trail takes them to Oklahoma City, Los Angeles, Chicago, Phoenix, San Francisco and back again to Mother's Rest for the inevitable showdown.

Child stretches the mystery through short chapters making us stick to the book and there is lot of well-choreographed action. Though the book does feel to drag a bit, Child keeps us enthusiastic with his third person narration. Sentences are choppy, dialogue is fast, yet there is authenticity.

The mystery is shallowly sketched in between the fight sequences and the ending makes one feel true horror of human.



- Maharshi Dasari

SAHELI ACTIVITY

Save Nature-Save Future by BT

“Nature is the art of GOD,
Every realm of nature is marvelous”

SAHELI, KLU Girl's Student Forum of Department of Biotechnology had conducted Saheli Activity on the evening of 'Worlds Nature Conservation Day' under the guidance of Mrs. C. S. Felice, The BT Women's Forum In charge of KLU. Second year students had participated in a group discussion which was held on 'Save Nature-Save Future'. Nature, Time and Patience are the three great Physicians. Awareness on nature and its importance was discussed by students, and have actively participated in sharing their views on why the nature has to be conserved? What is the Role of society in saving nature? How is the nature associated with the health of living beings etc. This session was useful in understanding the importance of Nature and its conservation. GOD has created nature and man is enjoying every bit of its essence.

A GUEST LECTURE ON GREEN BUILDINGS by Civil.

A Guest Lecture was organized by the Department of Civil Engineering, K L University celebrating the Green Building Week (26th sept to 2nd October) and was inaugurated by the Chief Guest Mr. Sandeep Anathula, green building consultant from Ela Green Buildings & Infrastructure Pvt. Ltd, Hyderabad on 28th Sept 2016. Dr. Hanumantha Rao Chappidi, HOD, Dr. V. Ranga Rao, Professor, Dr. K. Raja Sekhara Reddy, Alt. HOD, Mr. B. Sarath Chandra Kumar, coordinator for green building week participated the event organized for all UG &



PG students of the departments. The Guest Lecture was very useful as it created awareness on the Green Buildings and also a doubt clearing session was conducted to clear all the doubts regarding the Process.

NWMESD-16- TWO DAY NATIONAL WORKSHOP on MODEL-DRIVEN ENGINEERING & SOFTWARE DEVELOPMENT by CSE

Model-Driven Development (MDD) is an approach to the development of IT systems in which models take a central role, not only for analysis of these systems but also for their construction. Mr. Kosiganti Srinivasa Rao, Principal Solution Architect in Tech Mahindra, Mrs. Manjusha



Gunukula, Solution Architect in Tech Mahindra, DR.Srinivas Padmanabhuni, Software Engineering and Technology Labs(SETLabs) at Infosys addressed the students to bring awareness on MDD techniques. This workshop shared a view on Modern languages, tools & architectures, meta modelling, Model driven & service oriented software, agile model driven development, model driven project management, component based software engineering and test driven software development.



Group Discussion by ECE

Today's we, are tomorrow's engineers, the building blocks of this world. Believing in this, ENGINEERS DAY was organized by the department of Electronics and communication Engineering under the roof of the noteworthy association PULSE. It was celebrated on the 15th September in the honour of Mr. Mokshagundam Visweswarayya, the famous engineer of India. As a part of this, Pulse has organized a group discussion event exclusively for the third year students of ECE department. The main aim of this event is to bring a mock group discussion environment as they play a vital role in the interviews. Over 80 students participated in this event with great enthusiasm where the judges Dr. Sudhir Kekre, Mr. P. Syam Sunder, Mr. Solomon and Mr. Mayur took immense pleasure to judge the students. Students remarked this event to be very useful as the campus placement drive was fast approaching.



Every techie aspires to get a job in the placement drive but fears to face it. PULSE, the student association of Electronics and Communication department of KL University, had organized an event named 'IDOL of ECE' to create a mock placement drive environment to its pupils. Students took their first round that focused on problem solving, quantitative aptitude, reasoning and verbal abilities. Top 10 students who qualified in this round were promoted to the next round where they were assessed on technical aspects followed by HR round that tested the interpersonal and communication skills. All the students of ECE department participated in this with a huge enthusiasm. This event stood as a mile stone on the track records of PULSE.

ESSENCE of ECSE



The ESSENCE (Elegant Student Synergy of Electronics and Computers Engineering) is the ECSE student association which encourages students in their field of talents. ESSENCE organises both technical and non-technical events promoting all round development. It often conducts various workshops bringing awareness to the students on the newly developing software's and technologies. People in ESSENCE, frequently conduct interactive programs to enhance their knowledge in technical skills. Technical seminars in ESSENCE give lot of exposure to our students. We also help the students in campus interviews. The quiz competition conducted by us will help the students to update their talent in present day trends.

MESA of MECH

MESA mainly concentrates on overall development of an individual not only as a student but also as a man of many skills and talents. The general body of MESA for academic year 2016-17 consists of a very committed and hard-working crew of around 60 members. In the past year, MESA has taken up the initiative and started water conservation campaign on the world water day, aid to ex-servicemen and their families on Kargil Vijay divas. The team id mainly recognised to have successfully hosted Yantrik, a national level techno-fest by the Department of Mechanical Engineering. A plethora of students and prominent personalities like from ISRO, Satish Dhawan space research center, graced the event, which has gone forward to be a huge success. MESA has always been a reason for K L University to be proud of and it shall continue to do so for all the glorious years ahead.

TEAM MAGAZINE



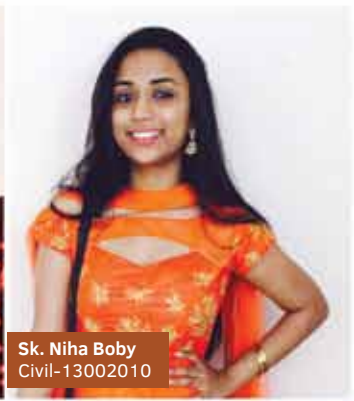
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