

NEWTON'S APPLE

FEB, 2018.

KITES|COLOURS

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**THE BIG STORY :
BUDGET 2018**

**ALUMNI MEET
GOING DOWN THE
MEMORY LANE**

**COPYWRITING FOR ASSIGNMENTS?
A BIG NO-NO!**

Preface

Hello, Reader!

It gives us great pleasure to release the February edition of Newton's Apple this year. This edition, we provide you a sneak peek into the happenings in and around the college. Be sure to know that there is more to be written and certainly more to be read in the forthcoming time. So brace yourselves to be amazed and enlightened.

Any suggestions to improve the value of this magazine will be gratefully received and will be incorporated in the subsequent editions.

Team Newton's Apple

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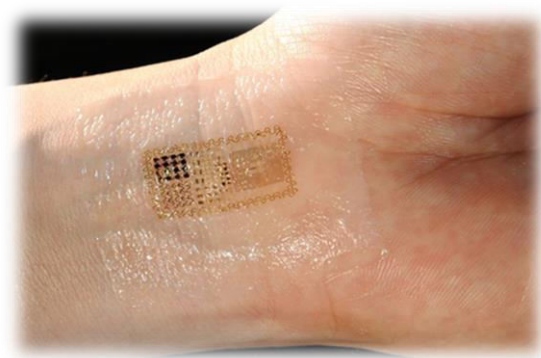
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ELECTRONIC TATTOO

In today's world tattoo is a mania for both adults and youngsters. Ever thought of a tattoo involving sensors? Yes, electronic tattoo is a Band-Aid like thing thinner than paper that can stick to the skin. This is built using flexible electronics.

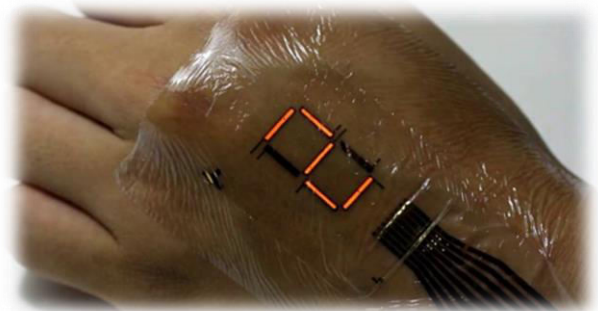


Flexible electronics also called flex electronics is a technology used for mounting electronic devices on a flexible plastic substrate such as polyimide and conductive polyester film.

John A. Rogers, a professor of material science at the University of Illinois has developed a prototype that can replicate the monitoring abilities of cardiograms and other medical devices that are usually restricted to a laboratory. That prototype is called the electronic tattoo.

HOW DOES IT WORK?

This tattoo is made up of a thin sheet of silicon which is a semiconductor and is used to switch electricity on and off. This is made elastic and flexible to adjust with the movement and flexibility of the skin. Implementing this on to the skin does not require any piercing instead the device can be stuck on to the skin like a children's tattoo. Once attached, it can wirelessly detect electrical signals from inside the body such as those given off by cells within the heart. This particular device is powered inductively so a coil is used to bring a wireless power supply in proximity to this device and deliver power to it through the air.



APPLICATIONS

- Used to monitor the muscles of patients suffering from neurodegenerative diseases.
- Used to monitor nerve and muscle activities.
- To examine the heart and brain functions instead of ECG and EEG.

- These also help in monitoring pregnant women health like their blood pressure and the child's heartbeat.

By,
M. Vilekha
3/4 ECE-B

ARGONAUT POWER WHEELCHAIR



Argonaut power wheelchair is a versatile mode of mobility with multi-functional ability. The wheelchair can lift up, down and can ascend/descend the stairs without any jerk.

UNIQUE FEATURES:

Argonaut Wheelchair provides its user the following range of facilities. The wheelchair can ascend and descend different type of heights ranging from ground surface to a particular mini-van or car. It enables the user to aboard and disembarks from the van independently.

Seat height of the wheelchair is adjustable and can be varied from ground level to highest shelves in the room. The adjustable seat orientation and seating position enhances the convenience and comfort for the user.

Wheelchair can be modified to a stretcher for easy transfer from or to another surface like bed etc. So the user can exchange his position from bed to power wheel chair (PWC) without any physical support. This can also overstep hurdles like parking blocks, curbs etc. Wheelchair's classic seat prevents from ulceration and helps the blood circulation.

User can adjust the height of the chair according to his desire and by changing height user can reach floor or see eye to eye to a standing man. Argonaut's multifunctional power wheelchair outperforms the majority of purpose-specific devices.

Compared with regular wheelchairs, this device is more stable on inclined surfaces due to its ability to lower its centre of gravity. This feature also enables stable operation at higher speeds.

By smoothly transferring the weight of the user and chair to the middle of the van, the Argonaut power wheelchair boards and disembarks vans more efficiently than conventional wheelchairs using car lifts. In contrast to using a ramp to enter a van, the Argonaut chair remains in a level horizontal position throughout without requiring a ramp. This wheel chair can become a mobile aid for the people who are disabled or lame.

MERITS:

The greatest advantage of a power wheelchair is the ease and convenience it supplies. Even though power chairs do have an electric motor, the controller is still the person in the chair. Some power wheelchairs are operated by the hands, some by the mouth or any other functioning body part. This is a great feature for those who don't have complete control of their hands or arms. No matter what your weight or height, you will be able to find a chair to suit your needs.

DEMERITS:

Usually a power wheelchair cannot collapse or disassemble. Many people who must travel might not have a van or bigger vehicle to keep the power wheelchair consequently; they would have to make alternate plans. Maybe you have to buy an extra manual wheelchair for travels.

This video will help give a better idea:

<https://youtu.be/FxONXHS05tM>

C. Srinidhi

Sameera Fatima

ECE B-3/4

ARE ROBOTS EQUAL TO HUMANS?

What do you think?

They may not be equal to humans in all aspects but they do in certain aspects.

A Robot giving facial expressions!!

Yes, Sophia is a social humanoid robot developed by Hong Kong-based Company Hanson Robotics. Sophia was activated on

April 19, 2015 and made her first public appearance at South by Southwest Festival (SXSW) in mid-March 2016 in Austin, Texas, United States. **She is able to display more than 62 facial expressions.**



Sophia has been covered by media around the globe and has participated in many high-profile interviews. While interviewers around the world have been impressed by the sophistication of many of Sophia's responses to their questions, the bulk of Sophia's meaningful statements are believed by experts to be somewhat scripted.

In October 2017, the robot became a Saudi Arabian citizen, the first robot to receive citizenship of any country. In November 2017, Sophia was named the United Nations Development Program's first ever Innovation Champion, and the first non-human to be given any United Nations title.



Creation of Sophia:

Sophia was created by Hanson Robotics in collaboration with AI developers, including Google's parent company Alphabet Inc., who built her voice recognition system, and Singularity NET, which powers her brain.

Cameras within her eyes combined with computer algorithms allow Sophia to see. She can follow faces, sustain eye contact, and recognize individuals. She is able to process speech and have conversations using Alphabet's Google Chrome voice recognition technology and other tools.

Do they have a family?

Yes, they are group of 7. Sophia has seven robot humanoid “siblings” who were also created by Hanson Robotics. Fellow Hanson robots are: Alice, Albert Einstein Hubo, Bina48, Han, Jule, Zeno, and Joey Chaotic

“Humans make errors but not machines”

Recalling the dialogues of the movie ROBO right?

Yes, few machines also make errors; David Hanson has said that Sophia would ultimately be a good fit to serve in healthcare, customer service, therapy and education.

Sophia runs on artificially intelligent software that is constantly being trained in the lab, so her conversations are likely to get faster, Sophia's expressions are likely to have **fewer errors**, and she should answer increasingly complex questions with more accuracy.

We humans used technology to create a machine that resembles us in ways that's hard to imagine.

By:

P. S. Hemanth Guptha

B.E. 3/4 CSE~B

EDITORIAL

Rajinikanth is seeking votes as a repository of people's trust, as MGR and Jayalalithaa did.



For more than 22 years, Rajinikanth fed the expectation of his entry into politics without fulfilling it. With Jayalalithaa's death, his political ambition found a new life. He held a series of meetings with his fans to test his support base. On New Year's Eve, when he announced his decision to enter politics, he took care to appear as if he is stepping in to fill a political vacuum in the interest of the people of Tamilnadu and to show off his ambition.

With the AIADMK in disarray and DMK patriarch M. Karunanidhi politically inactive on account of age-related ill-health, it is a

cakewalk for the superstar in the film industry to become the superstar in Tamilnadu politics. But as in the case of AIADMK founder M.G. Ramachandran and Jayalalithaa, he doesn't seem to have a clearly defined ideological position or political program. Other than saying that his politics will be "spiritual" and neither religious nor castes-biased, he has not yet articulated a comprehensive political vision.

In a state like Tamilnadu, where political corruption has been a major issue, it is very important for Rajinikanth to project himself as a person people can trust and as an agent of the kind of political change that Tamilnadu really desires.

Say no to Lab Records and Assignments involving copying part the most?



Who is an engineer? An engineer is a dreamer. An innovator. A problem solver. A creator. However, today's budding engineers

are made to shift their focus towards writing tedious and monotonous records and assignments. As a result, they end up blindly copying them from various sources, without tickling their grey cells. If the system is to change, the engineers should take up the responsibly to ask the faculty to make assignments more creative and interesting, which would encourage them to delve into the world of innovation and learning.

Also, lab records are to be submitted every week. These records are extremely time-consuming and stressful. They deprive an engineer of time that could be used more productively. Yes, maintaining a record of the experiments is a must, but why not find a way that would make this whole process simpler? In today's world, which boasts of digitization, why not make the assignments and records also digitized?

By,
C. Srikar B.E ³/₄ ECE~A

What do you think about this month's Editorial section? Send your views and ideas for or against the topics and we'll be featuring them in the next edition! Mail them with the subject 'EDITORIAL-FEBRUARY 2018' to: editorial.newtonsapple@gmail.com

VASAVI SAMACHARAM

Let's get to know what all events happened in our college in month of January.

KITE~FEST 2018

The month of January is marked with the celebration of *Sankranthi*, which is also known as the 'harvest' festival. On this day, farmers in India pay homage to the crops that are about to be harvested. This festival is marked by the colourful kites and beautiful Rangoli, which are considered as a form of thanksgiving to the gods.

To celebrate this grand festival with an even grander spirit, *Swayam*, the entrepreneurship club of Vasavi organises an event called the "Kite fest" every year.



The fest began with a performance by *Abhinaya*, one of the dance clubs of the college. The energetic dancers not only

mesmerised the audience with their unique moves, but also created the perfect festive atmosphere for the forthcoming events. It was then followed by the competition of kites which saw an active participation by a huge number of skilled students, battling their way towards victory.

The highlight of the fest was the '*chocolate room*'. This unique idea let anybody send an anonymous message along with a chocolate to someone they admire, love or take inspiration from.



The *Rangoli* competition showcased the creativity and talent of all its participants, where they expressed different themes through their art.

A number of games like '*Hit the glass*' kept the students engaged throughout, whilst instilling the spirit of entrepreneurship in all the participants.

Lastly, the food stalls offered a variety of scrumptious meals and

finger-licking snacks that truly gave the flavour of this festival of kites.

The best part about the fest was that all the money collected by Swayam during the various events will be used to award the winners and also in improving the E-cell, thus standing true to them being an entrepreneurship club.

ROBOTRYST 2.1

A workshop called '*Robotryst 2.1*' was conducted by the students of B.E. 3/4 and 4/4 belonging to the branch of ECE to their juniors, the students of B.E. 2/4. The concept and implementation of one of the most trending technologies today, the '*Internet of Things*' (commonly known as IoT) through the use of *Node-MCU* was the aorta of the workshop.



Node-MCU is an open source IOT platform. It includes firmware which runs on the ESP8266 Wi-Fi SOC and hardware which is based on the ESP-12 module. The term "NodeMCU" by default refers to the firmware rather

than the dev kits. The students were told how it could be used as a hotspot creator and also how to connect Wi-Fi to it. They were also explained the use of an app called BLYNK.



The main motto of the workshop was "**Knowledge shared is knowledge squared.**" Not a single penny was collected from any student. The focus was only on imparting knowledge and creating a community of technically-equipped engineers.

All the 120 students who had attended the workshop were happy and satisfied with all the new concepts they had learnt.

Last but not the least; it wouldn't have been possible without the support of our HOD, Dr. K. Jaya Sankar and all the other professors.

By,
Sushmitha
B.E 3/4 ECE – A

BUDGET-2018

With the success of previous budgets, the Modi Government has put forth their last budget before upcoming general elections promising improved rural infrastructure, promoting health care insurance and provide aid in agricultural sector for millions of poor as Finance Minister Arun Jaitley speaks on refining economic growth of our country; he certainly has won hearts of senior citizens and farmers



Highlights:

- * No personal income tax changes proposed in budget.
- * Growth in direct taxes (till Jan 15) is 18.7%.
- * Surcharge of 10% on income above Rs.50 lakh but less than Rs.1cr to be continued next year; 15% on income above Rs.1cr to also continue.
- * 100% tax deduction is allowed to co-operative societies.
- * Corporate Tax of 25% extended to companies with turnover up to Rs.250cr in financial year 2016-17.
- * Incentives for Senior citizens: Exemptions in income of Rs.10, 000 from Banks FD and post offices.
- * Senior citizens to get Rs.50,000 per annum exemption for medical insurance under Sec 80D.
- * Long term capital gains exceeding Rs.1Lakh will be taxed at 10% without indexing.
- * Short term capital tax remains at 15%.
- * A tax on distributed income at 10%.
- * Education cess increased to 4% from 3% to collect additional Rs 11,000 crore.
- * GST revenue will be received only for 11 months that will have an effect on balance sheets.
- * GST collections projection pegged at Rs 7.43 lakh crore in full year 2018-19 as against Rs 4.44 lakh crore in nine months of current fiscal.

* Govt. makes PAN mandatory for any entity entering into a financial transaction of Rs 2.5 lakh or more.

Customs Duties

Read On: Jaitley goes local, gives 'Make in India' a dose of protection

* Customs Duty on certain products, such as mobile phones and televisions has been increased, to provide a fillip to 'Make in India'

* Social welfare surcharge of 10% on imported goods.

* Central Board of Excise and Customs renamed as Central Board of Indirect Taxes and Customs

* Import of solar tempered glass for manufacture of solar cells exempted from customs duty.

* Customs duty on crude edible vegetable oils like groundnut oil, safflower seed oil hiked from 12.5% to 30%; on refined edible vegetable oil from 20% to 35%

* Customs duty on sunglasses, cigarette lighter, toys, bus and truck tires, select furniture hiked.

* Customs duty on imitation jewelry hiked from 15% to 20%; doubled on all watches to 20%.

* Import duty on LCD/LED/OLED panels, parts of TVs hiked to 15%; duty on smart watches, wearable devices, footwear doubled to 20%.

* New scheme for providing electronic assessment to eliminate person-to-person contact.



Infrastructure

India needs investment of Rs.50 lakh crore in the infrastructure sector

* Construction of new tunnel in Sera Pass to promote tourism.

* Out of 100 smart cities 99 cities have been selected, with an outlay of Rs.2.04lakh

Railways

* Railway capex has been pegged at Rs 1.48 lakh crore, up from Rs.1.31lakh crore last year.

* Eliminate unmanned railway crossing.

* All stations with footfall of greater

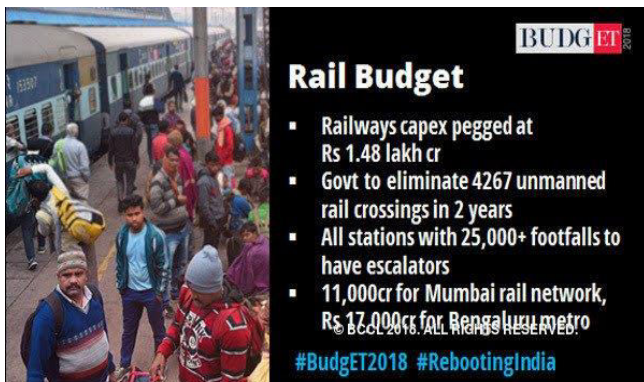
than 25,000 will have escalators.

* More stations and trains will progressively be built with Wi-Fi and CCTV camera.

* Govt. to eliminate 4267 unmanned rail crossing in broad gauge in 2 years.

* Allocates Rs.11, 000crore Mumbai rail network and Rs.17, 000crore for the Bengaluru metro.

* 150 km of additional suburban railway networks to be set up in Bengaluru at the cost of Rs.17, 000 cr.



Aviation

* Airport Authority of India (AAI) has 124 airports. Propose to increase the number by at least 5 times 1 billion trips a year, Rs 60 cr has been allocated to kick start the initiative.



* UDAN Scheme to connect 64 unconnected airports across the country.

By,
Harini
B.E 2/4 ECE

THE 'MARVEL'OUS COUNTDOWN

The Black Panther, slated to release on the 16th of February, follows the story of T'challa, the crown prince of the mythical country of Wakanda. The movie kicks off after the events of 'Captain America: Civil War' as T'challa returns to his homeland to don the mantle of king. However, he soon realizes that his country is at the brink of civil war with certain factions challenging his throne.

Adding to this threat are 2 foes conspiring to destroy Wakanda

forcing the hero known as The Black Panther to rise to action and prevent a major war.



The excitement before each Marvel release is now only growing as we draw closer and closer to the release of the ‘Avengers: Infinity War’, the culmination of a 10 year long breath-taking journey. Although DC may have failed to successfully pull off the concept of a universe shared by several superheroes, Marvel has thrived on it and diversified into TV shows and their spinoffs.

Since ‘The Black Panther’ is the last movie before ‘Infinity War’, it is expected to build on important plot points and set the stage for the arrival of Thanos. Fan theories have long suggested that the Soul Stone, the only one of the Infinity stones whose location is still unknown, is hidden in Wakanda and is the main reason for the magical powers of the ‘Heart shaped herb’ ~ a plant that grows only in Wakanda and is responsible for the enhanced speed, agility, strength, healing and senses

of the Black Panther. Also, T’challa’s new role as a young world leader would set him up nicely for a position as an official member of the Avengers.



For all the diehard Marvel fans out there, this is a flick you just cannot miss. As for the not so regular ‘superhero fans’, this is exactly the right movie to let you catch up with the current status of the MCU and prepare you for the advent of the Avengers in May.

By,
Ashhar Mohiuddin
 ECE 2/4

SUPER EARTH EXOPLANE

K2-18b: A planet with potential life

A little-known planet 111 light years away could be a ‘scaled-up version of Earth’ which is able to host alien life, according to new research.

The distant exoplanet is known as K2-18b and has been described as being a potential ‘Super-Earth’ - a large rocky planet with the potential to support life.

It orbits within its star’s habitable zone, which means there’s a chance it could hold liquid water on its surface, which is a key component for the possibility of life as we know it.

The new study, by researchers at the University of Texas, Scarborough, and University of Montreal, Canada, was carried out using data from the European Southern Observatory (ESO).

They also discovered for the first time that the planet has a neighbour, called K2-18c. Both planets orbit the red-dwarf star K2-18, which is 111 light years from Earth in the Leo constellation.



Lead author Ryan Cloutier, from the University of Montreal, said: “Being able to measure the mass and density of K2-18b was

tremendous, but to discover a new exoplanet was lucky and equally exciting.” The researchers set out to find whether K2-18b was rocky - like Earth or gassy like Neptune

. Study co-author Professor René Doyon, also from the University of Montreal, added: “There’s a lot of demand to use this telescope, so you have to be meticulous in choosing which exoplanets to look at. “K2-18b is now one of the best targets for atmospheric study, it’s going to the near top of the list.” The telescope’s High Accuracy Radial Velocity Planet Searcher (Harps) instrument was used to analyse K2-18b.

The tool measures the ‘radial velocity’ of stars, which is affected by the presence of planets. They found that the planet is probably mostly rocky with a gaseous atmosphere – like Earth, only bigger – however it may be a mostly water planet with a thick layer of ice, so further investigation is needed.

The newly discovered planet is closer to its star, meaning it is likely to be too hot to support life. The atmosphere of K2-18b will be probed further by NASA’s James Webb Space telescope when it launches in 2019.

By,
Sailesh Hanumanthula
B.E 2/4 ECE A

ALUMNI TALKS!

The Newton's Apple team had the immense pleasure of interviewing and knowing the stories of two of our alumni – Sudheer and Sasidhar from the 2007 – 2011 batch of ECE.



Can you both tell us your journey after you left college?

Sasidhar: I was placed in 3 companies during the campus drive of which I chose Infosys. Both of us (Sudheer and Sasidhar) were trained in the campus at Mysore and posted in Hyderabad. It was a great learning experience ~ building team spirit, mingling with people coming from all over the country with different cultures and traditions. I worked there for 3 years and 11 months before I quit Infosys with no job in hand to appear competitive

examinations because of my interest towards service sector. I was able to crack IRDAI (Insurance Regulatory and Development Authority of India) which is a central government organization handling all insurance businesses in the country. Around 1 lakh people appeared for just 20 posts available and one of the posts was mine. It greatly boosted my self-confidence.

Sudheer: I joined Infosys along with Sasidhar and 20 other people from my class itself. Seeing thousands of people of the same age at the Mysore Infosys campus, it was almost like a university for us and the first step towards surviving in the software industry. I worked there for 3 years and for obvious reasons like promotions and better growth, I shifted. If you want more salary, more opportunities and responsibilities, you have to switch, unless you are into a start-up that is growing really fast or an MNC or you got lucky and you got many promotions in the first few years. So I switched to Accenture where I worked for 3 years and then received a call from Microsoft through LinkedIn. It is like a Facebook to professionals where you would find them sharing their interview experiences in different companies.



How is this software lifestyle?

Sudheer: The responsibilities have increased by a large margin. In college life, we had fears of failing or attendance falling short or simply exams but it is just once in few months. Here every day brings new challenges and projects that you cannot simply omit yourself out of, like in college where you could give small excuses and get away (chuckles). The advantage over here is that you have lots of resources in form of people of various age groups ranging from 20years to 50years with different levels of work experience. There are juniors who are way technologically advanced than I am.

Sasidhar: What I learnt from my 4years in Infosys was self-learning. It has been a very useful tool for me to crack all these exams. While it was important in college life to cover

the important questions for exams, here at your job, you have a huge domain to cover. In a software company, the quantity of work done is assessed. But in the IRDAI, they look for quality of work because it can affect the nation itself. This kind of switch was hard for me at the start but the self-learning that I developed in Infosys served me well.

What changes did you notice in the pattern of interview you took recently when compared to your placements?

Sudheer: The pattern hasn't changed. The only change was that I was a fresher back then and now I've got work experience. What they look for in a fresher is whether you are capable of learning and your approach towards a problem given to you. In an experienced person, they look at what all you have learnt in your years of work. They would see how advanced you are in technology.

Sasidhar: My interview in IRDAI was different. Body language and gestures constituted almost 70% of the marks and the rest depended on your knowledge. The more you fake, the more your eyes reveal it.

Favorite lecturers?

Karthik sir, Krishna Mohan Sir, Vibha ma'am, Sambhaiya sir.

Mischievous moments?

We broke one projector and also a lift in the newly built ECE block (Can this part be off the record, please?). We were banned from using it for months. We also played Holi in the 4th floor thinking that there was nobody to catch us but in the end the HoD made us sweep the color-spilt floor ourselves.



If you were given a chance to rewind, would you rather work or study after your B.Tech?

Sudheer: I would work because I know (at least in India) that if I go for further studies like M.Tech, I would again bunk classes, by-heart important questions and put them on answer sheets. It would be like 2 years of B.Tech again. But at a job, you work and also learn. I did not stop learning and I did part-time MBA for 1 year from Symbiosis. Once into a job, you understand the

consequences of not completing an assignment by the deadline and responsibility.

Sasidhar: Indian education system is outdated. So, given a chance, I would definitely work because you get that responsibility tag and you start learning by yourself.



Do you have any ideas like clubs or workshops that you wanted to implement when you were in college but couldn't?

Sudheer: We did have ideas and we did implement them, Newton's Apple being one of them. We were sent as a group from college to IIT-Madras so as to learn from their fests & student life and implement similar concepts. They had powerful communication systems like magazines. So, we began Newton's Apple to share ideas and events because media like WhatsApp and Facebook weren't popular among us yet. We also wanted to have clubs that have connections directly with

the industry to guide and train students of 3rd year at least for few months regarding Android Studio, Bitcoin etc. Students don't do things usually because they don't know how to do it.

Sasidhar: I wanted clubs that could improve our confidence and public speaking skills. We may all end up having the same technical skill but it's our presentation that differentiates us. I heard about Finishing School in Vasavi and I really appreciate the initiative.

“The beauty of ECE is that with just voltage shift of +5V and -5V, you can control anything!”
– Sasidhar

What do you miss the most in college?

Sudheer: Peace of mind! (laughs) and also real friends. We had good unity amongst us in organizing events, having group-lunches together, felicitating our lecturers and so on. Even at work, you would have friends but they wouldn't be permanent. Sasidhar and I have been friends and also roommates for the past 10 years!

Sasidhar: I miss last minute bunking and studying for exams. Also, post lunch cricket matches with other branches.



Why did you choose ECE over other branches and do you regret it?

Sasidhar: I am still waiting to get hold of that person who started this hype that ECE is evergreen because most of my friends from Mechanical or Civil or CSE joined software companies along with me and here I am in the service sector. But ECE has an added advantage when it comes to software companies that are Internet of Things oriented because IoT is the next thing in the world.

Sudheer: I don't regret it. But had I joined CSE, I think I would have been able to join Microsoft earlier.

How did you choose Vasavi College of Engineering?

Sudheer: I heard about the college only on the first day of EAMCET counseling. The person just above me in the rank list chose Vasavi. So did I (laughs).

Sasidhar: I was aware of Vasavi and when I first visited the college, I

really liked the greenery on the campus.

A message for your juniors?

Sudheer: Don't be lazy! Mentally I mean. Don't restrict yourself to the syllabus. Everything is available to you now. Do not waste these years by simply just writing and passing exams. Get habituated to self-learning. Have a personal bond with your lecturers and alumni.

Sasidhar: Enjoy your years in college and start travelling! Increase your circle of opportunities by knowing different kinds of people. Take risks. Narrow down your goals. Stay in a path of righteousness because you are the building blocks of the future society. Start exercising. Like, seriously!

By,
Joanne Jacob
 B.E. 3/4 ECE – A

TECH-NEWS

Foldable screens



The TV you can roll up like a newspaper: LG to unveil flexible screens that can be used in everything from smart phones to cars. LG will reveal the world's first 18-inch rollable display at CES



Samsung to hire 1000 engineers for research in AI, IoT, 5G in India

Samsung would enlist 1000 engineers from premium institutes in India for its three research and development facilities in India. The recruits will work on artificial intelligence, machine learning, 5G, and more new age domains.



<http://www.businesstoday.in/technology/news/samsung-to-hire-1000-engineers-for-research-in-ai-iot-5g-in-india/story/269286.html>

Gene editing helps treat another person; therapy yet to see safety flags

A hospital in California has successfully been able to treat ailments of two patients through gene editing, a procedure that can modify the DNA to control chronic problems.



<http://indianexpress.com/article/technology/science/gene-editing-helps-treat-another-person-therapy-yet-to-see-safety-flags-5055163/>

Vivo announces in-display fingerprint scanner for its 2018 smartphones

Vivo has finally made it official that its smart phones in 2018 will be coming with an in-display fingerprint scanner, a feature that was expected to arrive in Samsung Galaxy S flagship smart phone last year. The module will be made by Synaptics and is already in mass production.



Lenovo recalls 78,000 laptops over fire hazard

After smart phones it is now the laptops that are facing fire issues. Chinese manufacturer Lenovo has recalled its ThinkPad laptops in US and Canada because of some fire hazard.



The Consumer Product Safety Commission in US has revealed that about 78,000 units of ThinkPad X1 Carbon fifth generation model have been recalled by the company due to this issue.

<https://www.gadgetsnow.com/tech-news/lenovo-recalls-78000-laptops-over-fire-hazard-heres-how-to-find-out-if-yours-too-is-in-the-list/articleshow/62819206.cms>

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