

SKCT DIGEST

VOLUME 5
ISSUE 13
16.07.19

INSIDE THE ISSUE

KNOWLEDGE UPDATE

OUTREACH

MEETINGS & DISCUSSIONS

HEALTH TIPS...

EVENTS...

DID YOU KNOW???

AWARENESS CORNER

MOTIVATIONAL ZONE

What happened today???

INTERESTING ENGINEERING

STUDENT CORNER

ACCOMPLISHMENTS

EDITOR - IN - CHIEF

Dr.Srinivasan Alavandar

PRINCIPAL

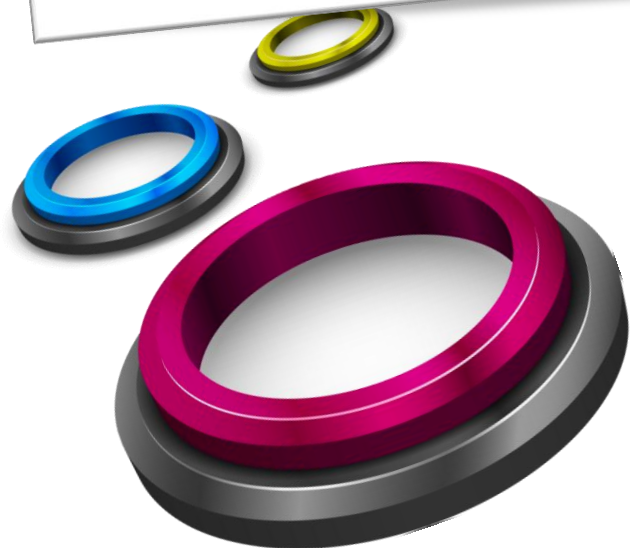
CO-EDITORS

Dr P Manju, ICE,

Dr T Rajesh Kumar, IT

Mr N Karthikeyan, SoM

Ms R Kalpanasonika, CSE



KNOWLEDGE UPDATE

Mechanical department – The Final year students attended a Guest lecture on Total Productive Maintenance held at Coimbatore Management Association, D Jayavarthanelu Hall, Race Course, Coimbatore. It was conducted by A.R.Lakshmanen CEO, TRAINICA & Metrology Behavioral Science Consultancy



EVENTS



TedxSKCT - Recruitment for Third Edition of TedxSKCT was done at PG seminar hall.

CSE Department- CSE Association was inaugurated by the Chief guest Mr. Ramesh Shanmugamoorthy, Technology Lead, Enterprise Risk Management Technology, WELLS FARGO BANK (USA), Bangalore.



ACTIVITIES



The Final year Students attended Accenture Pre-placement Webinar

SoM – The II MBA students participated in a Group Discussion on the topic IPL for Women.



MEETINGS & DISCUSSIONS



PT Division – Placement meeting was convened by the placement officer with all coordinators with the agenda of readiness towards the upcoming placement drives.



EEE Department - Class committee meeting was conducted for II EEE A students.

OUTREACH

Ms.S.Madumidha AP/IT and Mr. Ganesh Prabhu AP/ECE with SKCT Students has attended AGRI INTEX 2019 at Codissia



ACCOMPLISHMENTS



The Principal appreciated the Team Workaholic for winning the Smart India Hackathon 2019 Hardware Edition. A prize award of ₹50,000 was given to the team. The team members are:

From Mechanical Engineering - Mr. Prakash.S(Team Leader), Mr. Vamshidar. N, Mr. Vigneshkumar. T

Mr. Vinesh Madhu. M J, Ms. Keerthana.G

From Electrical and Electronics Engineering- Mr. Harris Abisheik. J

Faculty Mentor - Dr. N. Mohanraj, Associate Professor, Department of Mechanical Engineering

STUDENT CORNER

XPIN Clip

XPIN Clip allows you to get user passcode from iPhone, iPad 7.x.x, iPhone 8.0-8.1 and PIN, Backup PIN, PatternLock from Android phones/tablets that supports USB OTG.

XPIN Clip does not require resetting your device which entails deleting data and reverts the device to factory settings.

XPIN Clip work without:USB debugging, root, custom recovery, lost data, lost warranty- KNOX flag or unlocking bootloader in some devices). XPIN Clip is also helpful for forensic investigation where in some cases you can not undermine the integrity of the data(like: root, custom recovery).

Recovery Methods:

RANGE:

range of 4 digit PIN (increase and decrease).

DATE:

This method check all PIN combination that could be a day-month or month-day configuration.

MASK:

4 digit mask that allow to speed up recovery PIN code if we known at least 1 digit and her position..

POPULAR:

This method check all most popular 4 digit PIN.

ADVANCED:

This method allow you to check PIN that is longer than 4 digit(max 8 digit) also with amsk, you can set increase or decrease direction.

PATH(Only for PATTERN):

Length of PatternLock- Four or Five dots.

PATH SD(Only for PATTERN):

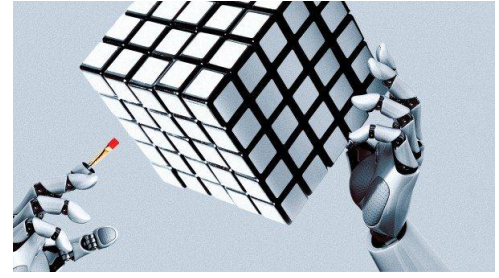
Length of PatternLock from four to nine dots reading from SD card.

- A.Ajay balaji IV CSE A



P.C - Mr.Alwin,III EEE A.

INTERESTING ENGINEERING



Robot dexterity

Robots are teaching themselves to handle the physical world.

For all the talk about machines taking jobs, industrial robots are still clumsy and inflexible. A robot can repeatedly pick up a component on an assembly line with amazing precision and without ever getting bored—but move the object half an inch, or replace it with something slightly different, and the machine will fumble ineptly or paw at thin air.

But while a robot can't yet be programmed to figure out how to grasp any object just by looking at it, as people do, it can now learn to manipulate the object on its own through virtual trial and error.

One such project is Dactyl, a robot that taught itself to flip a toy building block in its fingers. Dactyl, which comes from the San Francisco nonprofit OpenAI, consists of an off-the-shelf robot hand surrounded by an array of lights and cameras. Using what's known as reinforcement learning, neural-network software learns how to grasp and turn the block within a simulated environment before the hand tries it out for real. The software experiments, randomly at first, strengthening connections within the network over time as it gets closer to its goal.

It usually isn't possible to transfer that type of virtual practice to the real world, because things like friction or the varied properties of different materials are so difficult to simulate. The OpenAI team got around this by adding randomness to the virtual training, giving the robot a proxy for the messiness of reality.

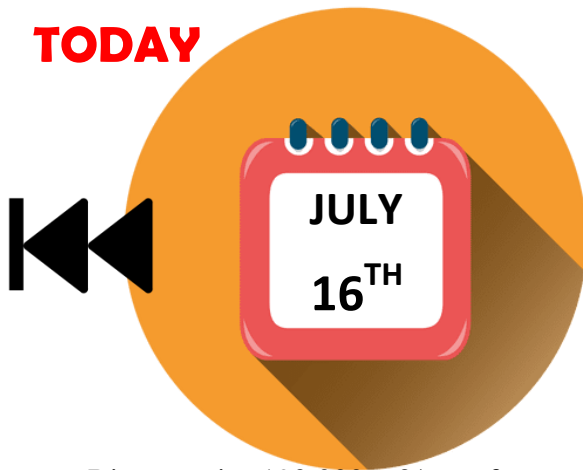
HEALTH TIPS

These kitchen items will help to get rid of diabetes, Five best home remedies for diabetes:

Diabetes is a problem not only in the elderly but also in the younger generation. It has a bad lifestyle and a big diet. That's why even young people are falling prey to it. To avoid this, you need to take special care of your diet and avoid anything that can increase your sugar level. Today we are going to explain how you can get rid of it in domestic ways.

- * You can control vitamin C fruits like apples, guavas, berry and pears in addition to oranges. They are effective in reducing this discomfort by maintaining sugar and glucose levels in your blood.
- * Garlic has many health benefits. It helps in controlling diabetes along with BP. It forms a hormone in the body that normalizes sugar levels to prevent this problem from growing.
- * Polyphenols present in green tea control the amount of glucose in your body and relieves discomfort such as diabetes. But never drink it on an empty stomach. Always consume it one hour after the meal.
- * Fennel Seeds is quite beneficial for diabetic patients. You can control blood sugar by consuming it with lukewarm water every day.
- * Karela juice can also be used to control it by drinking regularly. In addition, you can avoid diabetes by drinking one cup of turmeric water every day. It improves insulin in the body and controls sugar levels.

WHAT HAPPENED TODAY



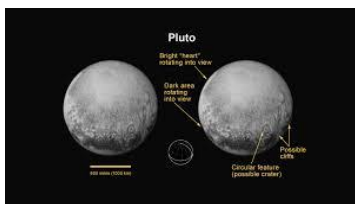
1963 Amazon River carries 190,000 m³/sec of water (record)

1966 Nigeria becomes the first Anglophone independent state in Africa to become an associate member of European Economic Community.

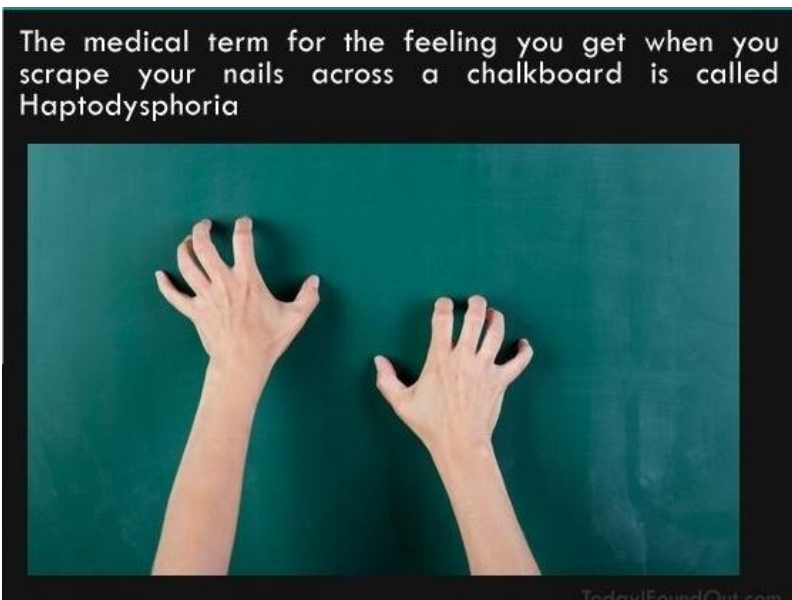
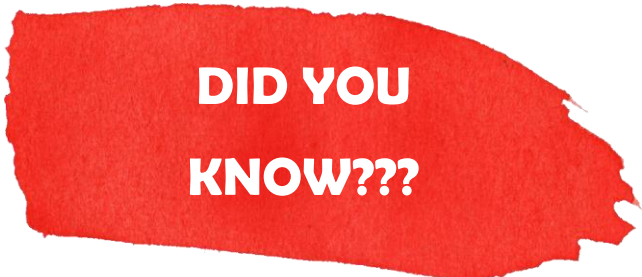
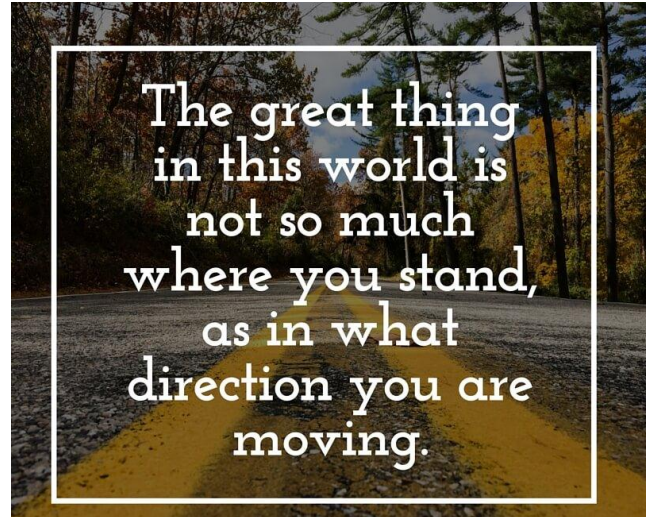
1981 India performs nuclear Test

2011 NASA's Dawn space probe enters orbit around the proto planet Vesta

2015 Scientists reveal 1st close-up pictures of Pluto,



MOTIVATIONAL ZONE

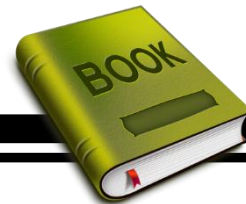


9 TIPS FOR LIVING WITH LESS PLASTIC

1. Bring your own shopping bag
2. Carry a reusable water bottle
3. Bring your own cup
4. Pack your lunch in reusable containers
5. Say no to disposable straws & cutlery
6. Skip the plastic produce bags
7. Slow down and dine in
8. Store leftovers in glass jars
9. Share these tips with your friends

LESS PLASTIC.

WWW.LESSPLASTIC.CO.UK

**Monsieur Mediocre: One American Learns the High Art of Being Everyday French**

John von Sothen

Americans love to love Paris. We buy books about how the French parent, why French women don't get fat, and how to be Parisian wherever you are. While our work hours increase every year, we think longingly of the six weeks of vacation the French enjoy, imagining them at the seaside in stripes with plates of fruits de mer. John von Sothen fell in love with Paris through the stories his mother told of her year spent there as a student. And then, after falling for and marrying a French waitress he met in New York, von Sothen moved to Paris. But fifteen years in, he's finally ready to admit his mother's Paris is mostly a fantasy. In this hilarious and delightful collection of essays, von Sothen walks us through real life in Paris--not only myth-busting our Parisian daydreams but also revealing the inimitable and too often invisible pleasures of family life abroad.

Relentlessly funny and full of incisive observations, *Monsieur Mediocre* is ultimately a love letter to France--to its absurdities, its history, its ideals--but it's a very French love letter: frank, smoky, unsentimental. It is a clear-eyed ode to a beautiful, complex, contradictory country from someone who both eagerly and grudgingly calls it home.

MAIL US: digestfeedback@skct.edu.in

VIEW US:
<https://www.facebook.com/skctofficial/>

TWEET US: @skctdigest