

# SKCT DIGEST

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# MEETINGS & DISCUSSIONS

ICE Department –A Department meeting was conducted by Dr.P.Manju, HoD/ICE to discuss about the upcoming academic activities.



Mech Department – Orientation and Induction for III Years was done by Dr.P.Prathap, HOD/ Mech.

Civil Department – Department Meeting organized by Dr.I.Padmanaban, HOD/Civil to brief on Principal and HODs meeting.





ICE Department –  
Department association  
activities discussion meeting  
with student coordinators

IT Department –Dr. G. M.  
Tamilselvan HoD/IT,  
convened a meeting  
regarding the overall  
progress of academic  
activities, SIG and other cell  
activities.



ICE Department –Project  
phase 1 review and  
discussion was done by the  
Faculty members in the  
department.



# RESEARCH



Mr. D. Maheshkumar, AP, S&H, published a research paper entitled "Analytical approach to solve the SIR model on dengue fever disease using Laplace Adomian decomposition method" in Journal of Applied Science and Computations, Volume VI, Issue V, May 2019

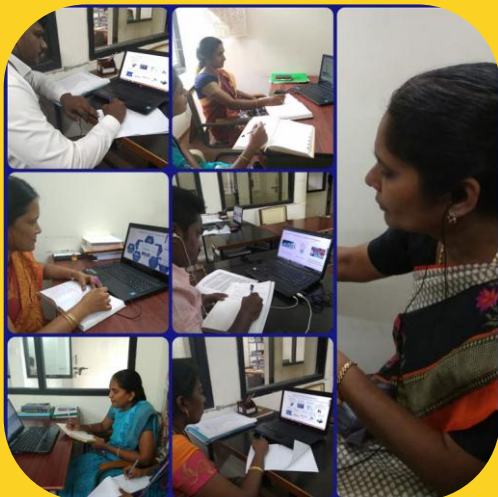
## ALUMNI CORNER

### Mech Department -

Mr. Gnanasuryan (2018 Passed out) – has given a talk for II Year B Sec B.E. Mechanical students on Opportunities for Higher studies in European Nation



## KNOWLEDGE UPDATE



1. Ms. P. Sheeba Ranjini, AP/S&H
2. Ms. L. Gomathy, AP/S&H
3. Ms. S. Sugnaya, AP/S&H
4. Ms. K. Shanthi, AP/S&H
5. Ms. A. Sujipriya, AP/S&H
6. Ms. T. Bhavani, AP/S&H
7. Ms. S. S. Sabithamala, AP/S&H
8. Mr. D. Maheshkumar, AP/S&H
9. Dr. V. Manikandan, AP/S&H

The above mentioned faculty participated in the Webinar by Dassault Systemes Foundation for Academia Transformation and Supporting Research Projects in Academia

**NATIONAL NEWS:**

- ⇒ Panel with study the '1 nation. 1 poll' issue- *The Hindu*
- ⇒ No water shortage in city: Corporation-*The Hindu*
- ⇒ Three more traffic police stations proposed for Coimbatore Rural-*The Hindu*
- ⇒ Mango growers allege pulp units have formed a cartel-*The Hindu*
- ⇒ Coonoor joins the drive to keep the Nilgiris clean-*The Hindu*
- ⇒ T.N. on high alert following intelligence on terror module-*The Hindu*
- ⇒ Cauvery panel to meet today, but unlikely to resolve crisis-*The Hindu*
- ⇒ T.N. to launch community-based palliative care for villages-*The Hindu*
- ⇒ Onboard scuffles as AI pilot asks crew to wash lunchbox-*The Hindu*
- ⇒ U.P. site expected to get 'national importance' tag-*The Hindu*
- ⇒ PIL plea in Madras High Court seeks pre-censorship of TV programmes- *The Hindu*
- ⇒ Birla unanimous choice, promises impartiality-*The Hindu*
- ⇒ Car bomb used to target Army patrol vehicle:NIA-*The Hindu*
- ⇒ Pak.must share intelligence : Malik-*The Hindu*
- ⇒ U.S. wants fair and reciprocal trade with India, says State Department-*The Hindu*
- ⇒ Rural ministry asks states to update maintenance of PMGSY roads*The Indian Express*

**INTERNATIONAL NEWS :**

- ⇒ UN report links MBS to Khashoggi killing-*The Hindu*
- ⇒ It is 2016 redux as Trump launches re-election campaign-*The Hindu*
- ⇒ MH17 crash: 3 Russians. 1 Ukrainian to face charges-*The Hindu*
- ⇒ China blocks US bid to halt fuel supply to North Korea-*The Indian Express*

**SPORTS NEWS :**

- ⇒ Dhawan ruled out with fracture-*The Hindu*
- ⇒ The man behind Team India's fitness flourish-*The Hindu*
- ⇒ Ice- cool Williamson pilots New Zealand to the top-*The Hindu*
- ⇒ Aussie test awaits Bangladesh-*The Hindu*
- ⇒ Mother's pride sees Hashmatullah carry on -*The Hindu*
- ⇒ Rijiju felicitates Indian contingent- *The Hindu*
- ⇒ Hockey India sacks Jude Felix- *The Hindu*

# INTERESTING ENGINEERING

## US:E – Camera Equipped Smart Lock with Facial Recognition

With the evolution of our homes, one key element that has also evolved is the door lock. From simple locks, we've gone to all-inclusive lock deadbolts and levers. Smart locks have been among the most awesome inventions that have revolutionized how we visualize door locking and the next big addition in this category is US:E, a smart lock which offers six different methods of unlocking a door. Besides basic key and passcode access, US:E can be unlocked using fingerprint, a key fob, remotely using a smartphone, or even by scanning the owner's face with the built-in infrared facial recognition technology which is powered by an AI. The lock is as easy to install as a standard lock and you can pair it with a fingerprint-equipped turning handle to add more layers of security.



## WHAT HAPPENED TODAY

1837 Queen Victoria at 18 ascends British throne following death of Uncle King William IV. She rules for 63 years till 1901

1840 Samuel Morse patents his telegraph

1966 Sheila Scott completes 1st round-the-world solo flight by a woman

2018 US President Trump signs Executive Order ending family separation at the border for illegal immigrants



# HEALTH TIPS



Pineapple juice is beneficial for the eyes

One of the juices that are used during the summer season is pineapple juice, which benefits the body with many benefits. Pineapple juice is very beneficial for our eyes. Vitamins found in pineapple juice are antioxidants and vitamin A are very beneficial for our eyes. If this juice is consumed continuously, many eye diseases can be cured. The eyesight of this juice is not decreased. pineapple juice contains an element called bromelan, which relieves many stomach ailments. This juice helps in relieving diarrhoea and stomach bloating. This juice also enhances the digestive system. Enzymes are found in this juice which helps in digesting proteins. At the same time, vitamin C and potassium found in the juice are very beneficial for the skin. This helps in reducing acne, pimples and black spots on the face. Doctors say that drinking it removes the dead cells of the face and does not shine on the face. Drinking it eliminates bacteria stored on the teeth.

## MOTIVATIONAL ZONE

The expert in anything was once a beginner.



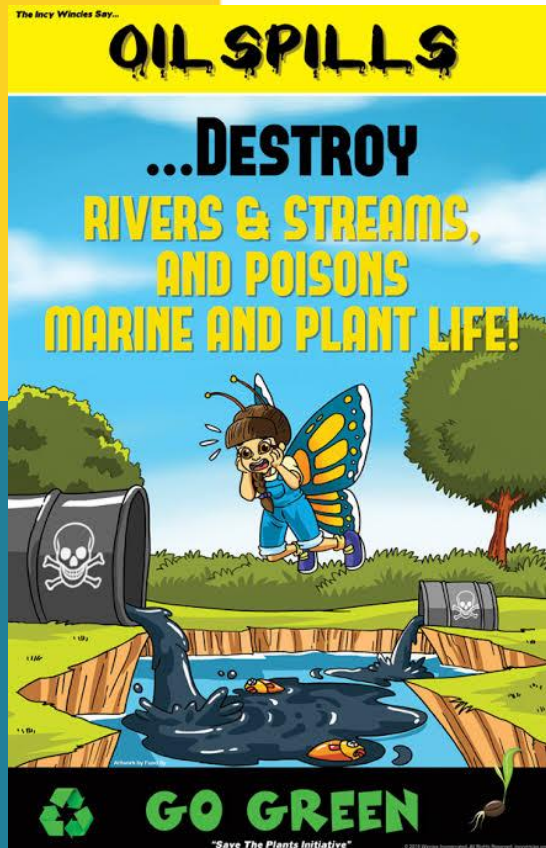
**DID YOU KNOW???**



did you know?™

You can't usually smell your own house (or perfume) because of a survival instinct called 'olfactory adaptation.' The brain is always looking for new, unusual, or changing smells as a sign of possible danger, so it ignores smells that have become familiar.

## AWARENESS CORNER



# STUDENT CORNER

## Current News in the week:

1. Today, Facebook is coming together with 27 organizations around the world to start the non-profit Libra Association and create a new currency called "Libra".

Libra's mission is to create a simple global financial infrastructure that empowers billions of people around the world. It's powered by block chain technology and the plan is to launch it by 2020.

### 2. Update Your Firefox Browser Immediately:

Firefox maker Mozilla is warning that the browser has a zero-day flaw that's actively being exploited in the wild. Mozilla has issued an emergency patch that can let you plug that hole right now.

Here is what Mozilla had to say: "A type confusion vulnerability can occur when manipulating JavaScript objects due to issues in Array. Pop. This can allow for an exploitable crash. We are aware of targeted attacks in the wild abusing the flaw".

### 3. Security firm Bit Defender releases free decryption tool for Gand Crab ransom ware!

The security organization has teamed up with the FBI, Europol and other agencies and created decryption software that enables ransom ware victims to get their data back for free.

The Tool can be used to retrieve files encrypted by the Gand Crab family of ransom ware which is thought to have originated in Russia. Gand Crab has been active for around a year and a half, and hundreds of thousands of people have fallen victim to it.

Bit Defender has been on a mission to try to stop victims from paying ransoms, and it estimates that its free decryption tools have deprived ransom ware writers of \$50 million. The company says it believes that around 1.5 million authors around \$2 billion.

4. Google accused of stealing song lyrics caught using secret morse code. Genius Media Group Inc. ,an American digital media that specializes in song lyrics, has accused Google of copying its content to power the Lyrics OneBox on the tech giant's search engine results page for years without permissions. According to Genius Media, some of the song lyrics displayed in Google's information boxes are directly picked up from the company's website.

However, on the other hand, Google refuted the claims made by Genius stating that it is working with Canadian-based LyricFind Inc, one of the tech firm's partners, to secure the rights to lyric content.

5. The New Adobe AI Can Detect Fake Photo Shopped Images. The American software giant, Adobe has collaborated with researchers from the University of California to develop an Artificial Intelligence tool that detects facial manipulations made in Photoshop. As the circulation of fake news is increasing with time, many companies are exploring ways to curb this societal enemy. The researchers have published their work titled, "Detecting Photoshopped Faces by Scripting Photoshop". They have explained how the AI detects the usage of a Photoshop tool called "**Face Aware Liquify**".

Adobe trained a Convolutional Neural Network(CNN), a form of deep learning, on a database of paired faces that were modified using the Face Liquify feature of Photoshop to detect manipulated images, videos, audio, documents.

6. WhatsApp Android beta update ensures you don't send image to the wrong contact. WhatsApp is working on a new feature to ensure users do not mistakenly send an image to the wrong contact. In the new WhatsApp beta update, users can see the name of the recipient below the caption to double check the name of the person to whom they are sending an image. WhatsApp Beta users on Android need to have version 2.19.173 or later installed to test the feature.





## BOOK REVIEW

### **IN AN ANTIQUE LAND** **AMITAV GHOSH**

The cover proclaims IAAL "History in the guise of a traveller's tale," and the multi-generic book moves back and forth between Ghosh's experience living in small villages and towns in the Nile Delta and his reconstruction of a Jewish trader and his slave's lives in the eleventh century from documents from the Cairo Geniza. In the 1980s Amitav Ghosh moved into a converted chicken coop. It was on the roof of a house in Lataifa, a tiny village in Egypt. During the day he poured over medieval letters sent to India from Cairo by Arab merchants. In the evenings he shut out the bellowing of his fat landlord by turning up the volume of his transistor radio and wrote stories based on what he had seen in the village. The story of Khamees the Rat, the notorious impotent (already twice married); of Zaghloul the weaver determined to travel to India on a donkey; of one-eyed Mohammad, so obsessed with a girl that he spent nights kneeling outside her window to listen to the sound of her breathing; of Amm 'Taha, part-time witch, always ready to cast a spell for a little extra money; and, of course, the story of Amitav Ghosh himself, known in the village as the Indian doctor, the uncircumcised, cow-worshipping kaffir who would not convert to Islam. This book is the story of Amitav Ghosh's decade of intimacy with the village community. Mixing conversation and research, imagination and scholarship, it is also a charged, eccentric history of the special relationship between two countries, Egypt and India, through nearly ten centuries of parochialism and sympathy, bigotry and affection.