SKCT DIGEST

INSIDE THE ISSUE

HEALTH TIPS
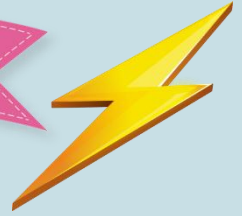
ACTIVITIES

KNOWLEDGE UPDATE

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MEETINGS & DISCUSSIONS
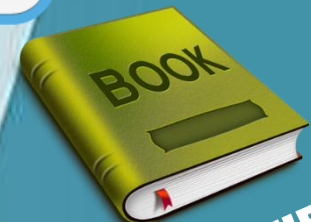
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STUDENT CORNER

BOOK REVIEW

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KNOWLEDGE UPDATE

Civil Department – The Department organized a Guest lecture on "Prestressed Concrete" delivered by Mr.Sathyaseelan, Principal Structural Manager, Teemage Precast In.

Mechanical Department:- Technical Talk for the II Year Mechanical Students and ISHRAE student members on "Vapour Compression Refrigeration systems- Concepts & Applications" was delivered by Mr.R.Jaganraj, Chapter Chair-National Programs, ISHRAE Coimbatore Chapter, Director, Psychrometric Design Solutions, Coimbatore.

IT Department - Awareness Program on Guard Yourself in Cyber Space was delivered to II and III year IT Students. The Guest Speaker was MR. S. N. Ravichandran, Co-ordinator and Treasurer, CySI, Coimbatore. The Programme Co-ordinators were Dr. A. Christy Jebamalar Assoc.Prof/IT, Ms. AishwaryaLakshmi AP/IT, Ms. D. Ranjani AP/IT.

SoM- Dr. M Padmavathi, HoD attended the 10th Indian Management Conclave,2019 at New Delhi.


SoM- 2018 Batch Alumnus Mr. Joyel Paul Thomas, Entrepreneur- Edu Bae interacted with the final year MBA students and gave insights on his Entrepreneur career.

ACTIVITIES

ECE Department - The students actively participated in Group discussion, poster designing for book festival & Art during the vibrant hour

CSE Department- Programming club activities- 19 students participated and Solved programming puzzles based on backtracking.
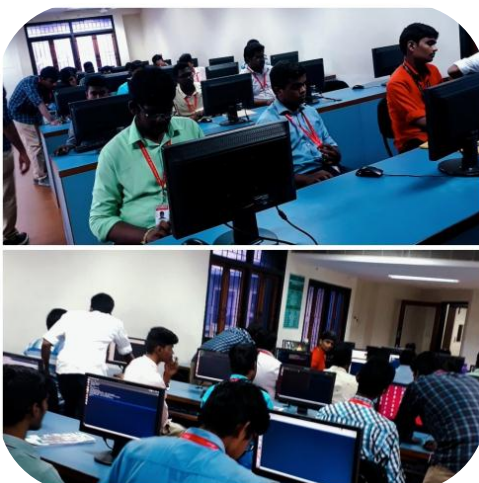
Mechanical department - Students participated in Bicycle Design Contest (BDC) organized by SAEISS at Kongu Engineering College, Perundurai, Team AZTECS. The Faculty coordinator is Mr.K.Kaviyarasan.

Mechanical Department-PDC Club Activity- Product development center club members developed the product abs in closed enclosure using 3D printer.

SoM- Experiential Learning on 5 S concept at Onebee Technology Pvt Ltd. was undergone by Operations students with Faculty Mrs.P.Geetha/AP.

Mechanical Department: SKCT ISHRAE - Student Chapter members have taken oath for 'One-degree challenge' to promote sustainable environment.

MEETINGS & DISCUSSIONS

Mechanical Department: - The HoD convened a Department meeting.

Mechanical department - First Year Tutors Meeting was organised by the HoD.

S&H Department - HoD convened a Department Faculty meeting to discuss about the first-year students orientation programme.

Civil Department -The HoD convened a Department Faculty meeting to convey the Minutes of HoDs meeting

CAMPUS VISIT

The Principal, Heads of various Departments, General Manager, Campus Manager and Physical Director have made a general visit to monitor the Infrastructural facilities and a complete check on the maintenance works and cleanliness of the campus was reviewed.

RESEARCH

CSE department research publication details

Sl. No.	Author Name	Title of the Paper	Name of the Journal	Year	WOS/scopus/ others
1	Ms.A.Sunitha Nandhini Ms.R.Sujatha Ms.S.Padmavathi Mr.S.Sam Peter	Text Recognition with Artificial Neural Networks and OpenCV	International Journal of Recent Technology and Engineering	July 2019	scopus
2	Dr. M. Deva Priya	DDoS Risk in 5G Enabled IoT and Solutions	International Journal of Engineering and Advanced Technology (IJEAT), June 2019 (Scopus Indexed).	June 2019	Scopus
3	Ms.J.Pamina Ms. S.Kiruthika Ms.T.Suganya Ms.F.Femila	Exploring Hybrid and Ensemble Models for Customer Churn Prediction in Telecom Sector	International Journal of Recent Technology and Engineering (IJRTE)	July 2019	Scopus

EVENTS

IT Department -Blood donation Camp was organised by organized by IT department and 70 donor's from various departments donated their valuable blood for the welfare of needy people!

Donors From Mechanical - Sherwin Daniel, Vijay , Sandeep , Manikandan, Praveen, Srihari, Sreedhar, Sankar.

Mechanical Department - Induction of students office bearers of SKCT ISHRAE - Student Chapter. Mr.S.Raju, President, ISHRAE Coimbatore Chapter presided the event.

OUTREACH

Mechanical Department- Awareness program on " Moral and Ethical values" conducted for school students at Government Secondary School, Arivozhinagar by II year NSS Volunteers under the banner of NSS. NSS Coordinator is Mr. K.Nirmal Kumar AP/Mech

Build a REST API with Spring Boot (Series of Articles):

To get started with Spring Boot, Navigate to start.spring.io and choose version 2.1.1+. In the "Search for dependencies" field, select the following:

H2: An in-memory database.

Lombok: Because no one likes generating getters and setters.

JPA: Standard ORM for Java.

Rest Repositories: Allows you to expose your JPA repositories as REST endpoints.

Web: Spring MVC with Jackson(for JSON), Hibernate Validator, and embedded Tomcat.

If you Like the command-line better, install HTTPie and run the following command to download a demo.zip.

http https://start.spring.io/starter.zip dependencies==h2,lombok,data-jpa,data-rest,web

packageName==com.okta.developer.demo -d

Create a directory called **spring-boot-vue-example.** Expand the contents of demo.zip into its server directory

mkdir spring-boot-vue-example

unzip demo.zip -d spring-boot-vue-example/server

- *Ajay Balaji A, Arun R, IV CSE A*

Art by

- Ms. D.HARSHAVISAL

III ECE A

AKHBAAR

NATIONAL NEWS:

- ⇨ *SC transfers Unnao cases to Delhi court- The Hindu*
- ⇨ *Fleeing Maldives leader held off T.N-The Hindu*
- ⇨ *India evaluating Pak. proposal for consular access to Jadhav-The Hindu*
- ⇨ *Red earth mining poses threat to ecologically sensitive areas-The Hindu*
- ⇨ *Losing green canopy to development-The Hindu*
- ⇨ *Why was T.N. kept in the dark on NEET Bills' return, HC asks govt.-The Hindu*
- ⇨ *HC orders Southern Railway to install CCTV cameras in coaches- The Hindu*
- ⇨ *Karnataka Cabinet likely after August 6- The Hindu*
- ⇨ *A.P. govt.asksNavayuga to exit Polavaram project- The Hindu*
- ⇨ *Culture Ministry comes up with a 100-day agenda- The Hindu*
- ⇨ *UGC panel urges review of process to appoint V-Cs-The Hindu*
- ⇨ *Code will help weak firms: Minister-The Hindu*
- ⇨ *India unhappy with U.S. aid to Pakistan-The Hindu*
- ⇨ *With district-wise data, Assam govt. pushes for NRC-The Hindu*
- ⇨ *TNAU's future plans get Rs.30 crore boost-The Indian Express*
- ⇨ *UGC proposes sweeping changes in PhD admissions, course module-The Indian Express*

INTERNATIONAL NEWS:

- ⇨ *Rivals clash with front runner Biden-The Hindu*
- ⇨ *Punishing Zarif, Trump muddies a path to talks-The Hindu*
- ⇨ *'Bin Laden's son Hamza killed'-The Hindu*
- ⇨ *US hits China with fresh 10% tariff-The Indian Express*
- ⇨ *US slaps sanctions on Iran's top diplomat as tensions persist- The Indian Express*

BUSINESS:

- ⇨ *Nifty below 11,000 first time since March -The Hindu*
- ⇨ *Auto firms hit by double –digit slump in July-The Hindu*
- ⇨ *GST revenue touches Rs.1.02 lakh crore in July-The Hindu*
- ⇨ *Crisil cuts FY20 gdp growth forecast to 6.9% from 7.1%-The Hindu*
- ⇨ *Global gold demand touches 3-year high-The Hindu*
- ⇨ *Manufacturing expand faster on fresh orders-The Hindu*
- ⇨ *Ashok Leyland to save up to Rs.500 cr.via cost reduction measures-The Hindu*
- ⇨ *Sharp decline in cotton yarn exports worries industry-The Hindu*

SPORTS NEWS:

- ⇨ *Smith scripts Australia's sensational fightback on absorbing day-The Hindu*
- ⇨ *Reifer promises tough fight-The Hindu*
- ⇨ *Kohli-Rohit look fine on the field : Kapil-The Hindu*
- ⇨ *Our panel has inducted deserving players: Prasad-The Hindu*
- ⇨ *Fortunegiants halt Dabang's run-The Hindu*
- ⇨ *Manav steps in for U Mumba-The Hindu*
- ⇨ *Jones applies for Team India job-The Hindu*

MOTIVATIONAL ZONE
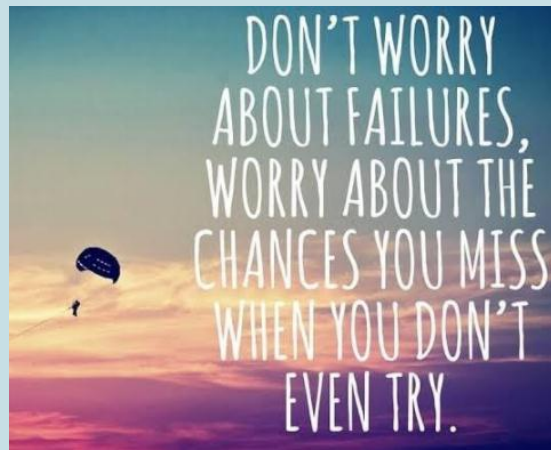
WHAT HAPPENED TODAY

1970 France performs nuclear test at Fangataufa Island

1983 STS-8 vehicle moves to launch pad

1985 England captain David Gower scores his 5,000th run in Test cricket during the drawn 4th Test v Australia at Old Trafford

1987 USSR performs nuclear test at Eastern Kazakh/Semipalitinsk USSR

2012 American swimmer Rebecca Soni becomes first woman to win the 200m breaststroke twice with a world record 2:19.59 at the London Olympics

AUG 02ND

INTERESTING ENGINEERING
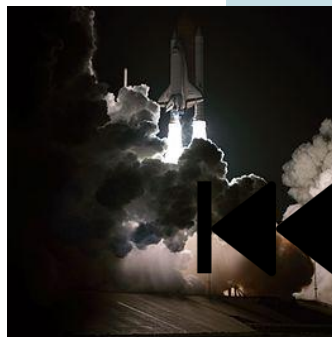
Metalenses

Making the lenses used by mobile phones, computers and other electronic devices smaller has been beyond the capabilities of traditional glass cutting and glass curving techniques. But advances in physics have led to miniaturised, lighter alternatives to established lenses, called metalenses. These tiny, thin, flat lenses could replace existing bulky glass lenses and allow further miniaturization in sensors and medical imaging devices.

Plum leaf juice is beneficial for fat people

Do you know how many benefits of plum. It contains vitamin C and A as well as calcium and amino acids that have anti-cancer properties and improve the immune system. Although these are plum properties, we're going to tell you how many leaves can be of use. Plum leaves also help in weight loss.

According to the Journal of Natural Remedies, plum leaf intake reduces levels of serum glucose and lipids, which help in reducing the fat of the internal organ, especially abdominal fat. For those who always say outside food is quite beneficial. If your fat is increasing, you can get rid of it by consuming its juice every day. So find out how to use it.

Let's know how to use it.

* Take a handful of plum leaves.

* Soak them in water overnight.

* Empty stomach consume this water.

How long and how long will you consume this water?

You can consume this water once a day for a month to see the difference in your figure.

AWARENESS CORNER

DID YOU KNOW???

YOGA BENEFITS

YOGA IS NOT FOR THE FLEXIBLE. IT'S FOR THE WILLING.

GROUNDED & BETTER FOCUS

Peace of Mind

INCREASES ARM STRENGTH BY 12% AFTER 16 CLASSES

HELPS DIGESTION

INCREASED LUNG CAPACITY

LESS CHANCE OF HEART DISEASE

INCREASES METABOLISM

Slower Breathing Less Stress

35% INCREASE IN FLEXIBILITY AFTER 8 WEEKS OF PRACTICE

OXYGEN TO THE BRAIN

DECREASES LACTIC ACID IN MUSCLE & DECREASES JOINT PAIN

Human fingers can feel objects as small as 13 nanometers. "This means that, if your finger was the size of the Earth, you could feel the difference between houses from cars."
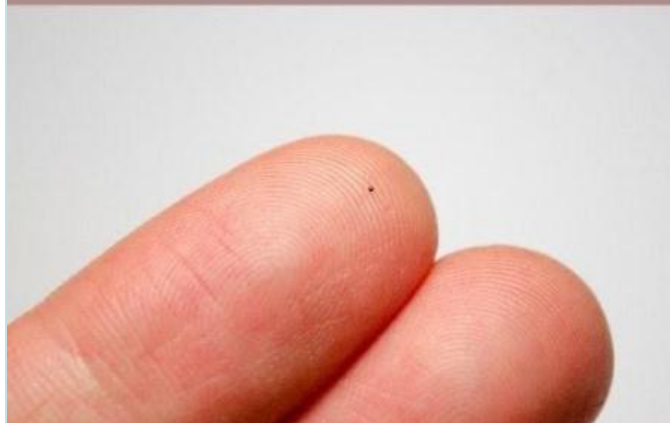
BOOK REVIEW

The Other Americans

[Laila Lalami](#)

From the Pulitzer Prize finalist and author of The Moor's Account, here is a timely and powerful new novel about the suspicious death of a Moroccan immigrant–at once a family saga, a murder mystery, and a love story, informed by the treacherous fault lines of American culture

.

Late one spring night, as Driss Guerraoui is walking across a darkened intersection in California, he's killed by a speeding car. The repercussions of his death bring together a diverse cast of characters: Guerraoui's daughter Nora, a jazz composer who returns to the small town in the Mojave she thought she'd left for good; his widow, Maryam, who still pines after her life in the old country; Efraín, an undocumented witness whose fear of deportation prevents him from coming forward; Jeremy, an old friend of Nora's and an Iraqi War veteran; Coleman, a detective who is slowly discovering her son's secrets; Anderson, a neighbor trying to reconnect with his family; and the murdered man himself

.

As the characters–deeply divided by race, religion, and class–tell their stories, connections among them emerge, even as Driss's family confronts its secrets, a town faces its hypocrisies, and love–messy and unpredictable–is born.