

SKCT DIGEST

VOLUME 2
ISSUE 17
26.04.19

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BOOK REVIEW

STUDENTS OUT REACH

**ALL IS
WELL...**

KNOWLEDGE UPDATE

MEETINGS &
DISCUSSIONS

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AKHBHAAR

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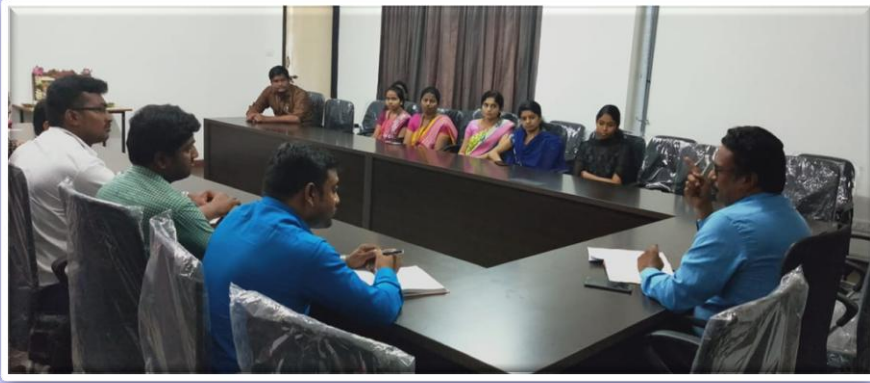
THROUGH THE LENS

**DID YOU
KNOW???**

**AWARENESS
CORNER**



MEETINGS & DISCUSSIONS



EEE – Department meeting was conducted with the agenda of discussions on NBA readiness, Clarity on OBE based course information and Fine tuning of department PEOs

CSE – Placement Meeting was convened to discuss about Placement Training and other placement related activities



MECH- Mr.R.Manivannan, IIPC coordinator, convened a meeting with faculty members and instructed to finalise the target of activities like consultancy, workshop, guest lecture for Academic year 2019-20

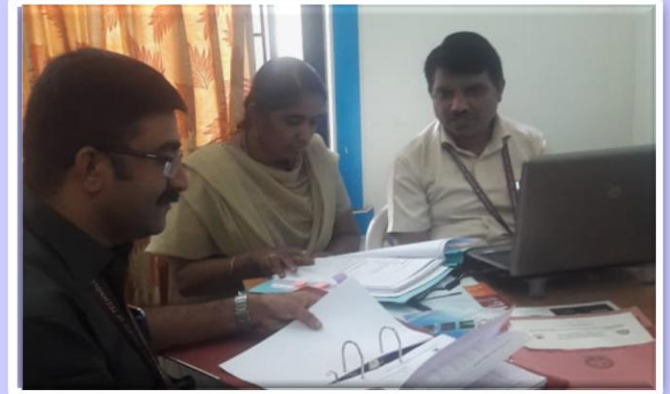
MECH -HoD convened a meeting with year coordinators and instructed to readiness for Academic Audit.





CIVIL -HoD convened a meeting with Faculty members on Budget Preparation and Internal audit..

ECE-Criteria wise NBA files verification for the AY 2018-2019 by the NBA Coordinator and criteria-in-charge



CSE - Department Research was meeting conducted by Dr. P.Tamije Selvy with Research Cluster Heads to discuss about the Research activities

STUDENTS OUTREACH

I MBA Students -As a part of Academic Requirement, the students have underwent their 2nd day of Rural Immersion Programme where they visited 10 identified villages and learnt about Rural Entrepreneurship Development by collecting questionnaire from the Rural Entrepreneur.



KNOWLEDGE UPDATE



IT – A Seminar on Recent Trends, How to Write Research papers and To throw light on innovative practices and research studies conducted in various fields of education by Dr. D. Jeyabharathi AP/IT to the Faculty members

RESEARCH

CSE Department -Dr. P. Tamije Selvy Professor CSE published a paper titled " Disaster Reporting and Alert System using Tweets in Social Media" in International journal of Recent Technology and Engineering -ISSN 2277- 3878 Volume 7 Issue 6

MECH -Mr.R.Dhivagar Assistant professor, assigned as one of the journal reviewer for International conference on Numerical Modelling in Engineering on Aug 19-22, 2019 at Beijing, China.

Publication Journal:

1. International journal of computational methods (SCI)
2. IOP conference series: Materials science and Engineering (SCI)

AWARENESS CORNER

Making roads safer for everyone starts with you!

think and drive

a second is all it takes



SEAT BELTS SAVE **PRECIOUS** LIVES!



SAFETY FIRST



ALWAYS BUCKLE UP



WEAR YOUR HELMET
SAFETY FIRST



FAT BURNING FOODS



Apple



Banana



Chicken



Corn Flakes



Egg Whites



Garlic



Kiwi



Lemon



Nuts



Onion



Pumkins



Rucola



Salad



Soy



Strawberry



Tea



Wheat



Wine

miguelpena.com

ALL IS WELL...

Anti Bloat Foods



Almonds & their butter



Apples & their juice



Avocados



Bilberries



Bananas



Whole melons



Carrots & their juice



Broccoli



Celery



Whole citrus & their juice



Garlic



Cranberries & their juice



Dandelions & their teas



Ginger



Herbal Teas



Parsley & their teas



Spinach



Flaxseed



Cabbage

REMEDIAL CLASSES

Slow learners in various branches of First Year BE /

B Tech programmes were given special coaching classes, helping them to attain the outcomes of various courses under study.



Motivational
Zone

BE
STRONGER
THAN YOUR
EXCUSES

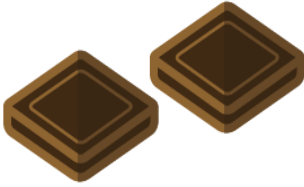
DID YOU KNOW???

The Albatross is a large bird that can go years without landing. They spend their first 6 years of life flying over the ocean without ever touching the ground.



CHEMISTRY ADVENT 2017 1

THE SMELL OF CHOCOLATE



More than 600 chemical compounds have been identified in chocolate. However, a much smaller number of these actually contribute to its flavour and aroma. The structure of some of the chemicals that have been identified as important aroma contributors are shown below.



3-METHYLBUTANAL

Malty aroma; other aldehydes include 2-methylpropanal and 2-methylbutanal.



VANILLIN

Aroma of vanilla. Vanillin is not found in cocoa beans, but often added to chocolate products.



PYRAZINES

A number of pyrazines contribute nutty, cocoa, and earthy aromas.

● Carbon ○ Oxygen ● Nitrogen ● Rest of molecule (variable) ○ Hydrogen

Hydrogens on carbon atoms implied; each carbon has 4 bonds.



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INTERESTING ENGINEERING

Tomorrow's in-vehicle infotainment

The in-vehicle infotainment experience is set to change drastically over the next few years!!! Infotainment has always been a crucial part of the driving experience. But with the focus on improving vehicle safety, OEMs are having to explore alternative technologies - from voice to gesture recognition - to deliver a better and safer in-car experience. In a joint venture, IoT company, Klika Tech, and software company, aicas, have leveraged this technology to develop "a new standard for connecting drivers through voice recognition and real-time information". The technology uses aicas' JamaicaCAR - a downloadable, connected application framework for car headunits and in-vehicle infotainment (I-V-I) systems based on real-time Java. "Java removes the errors that C and C++ bring," because the user doesn't need to worry about memory



Iteris analytics

➤ Transport Canada has awarded Iteris a software as a service (SaaS) contract for use of its advanced traffic data analytics and visualization platform.

➤ Transport Canada will use the advanced diagnostics capabilities of the iPeMS analytics and visualization platform to support its countrywide transportation system

➤ iPeMS platform will provide Transport Canada with analytics and visualizations for car and truck-based traffic data to help improve safety and mobility across its national road network.

Transport Canada will have access to powerful iPeMS features including:

- Dynamic maps to support detailed traffic analysis;
- Features to help identify and mitigate bottlenecks and congestion;
- Animations to analyze events and optimize response plans;
- Historical trend reports and congestion charts to track reliability and support planning;
- Easy analysis of major Canadian roadways.



National News

- Former Supreme Court judge to probe 'conspiracy' against CJI- *The Hindu*
- Low-Pressure area over Bay may turn cyclone, hit T.N. next week- *The Hindu*
- Maruti Suzuki to dump 'dirty' diesel models from 2020-*The Hindu*
- Annual Govt. exhibition begins- *The Hindu*
- Consumers find rooftop solar energy systems beneficial-*The Hindu*
- Use of solar pumpsets on the rise-*The Hindu*
- Speed up drone deployment to check sand mining : HC-*The Hindu*
- 'Near –normal monsoon may boost food grain Production'-*The Hindu*
- Khasi 'Kingdoms' to revisit 1947 agreements-*The Hindu*
- 'Strict action will be taken against pvt bus cos in Kerala'-*The Indian Express*
- Security forces kill two Hizbul terrorists in Kashmir encounter-*The Indian Express*

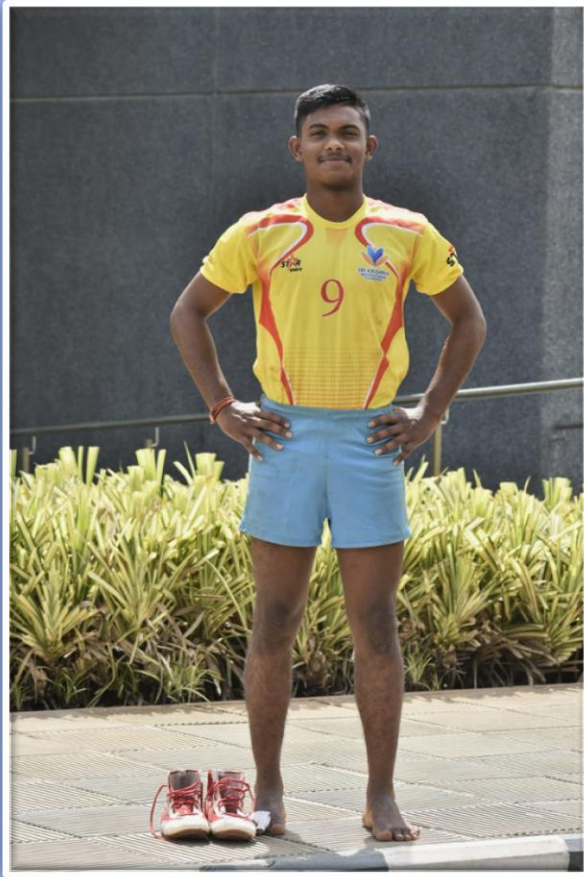
International News :

- Sri Lanka's Defence Secretary resigns-*The Hindu*
- Ex-Vice President Joe Biden announces White House bid-*The Hindu*
- N. Korea needs security guarantees-*The Hindu*
- Kiev passes law strengthening Ukrainian language use-*The Hindu*
- Facebook anticipates up to \$ 5 bn fine in US over Cambridge Analytica-*The Indian Express*

Sports News :

- Parag and Archer's knocks eclipse Karthik's brilliant effort-*The Hindu*
- CSK eyes revenge, MI looks for vital points-*The Hindu*
- Can't do much apart from win games: Stoinis-*The Hindu*
- Advani reigns supreme-*The Hindu*
- Sindhu and Saina sail into quarterfinals-*The Hindu*
- Indian mixed teams strike gold-*The Hindu*
- Six Indians move into the final-*The Hindu*
- Manchester City takes derby honours-*The Hindu*

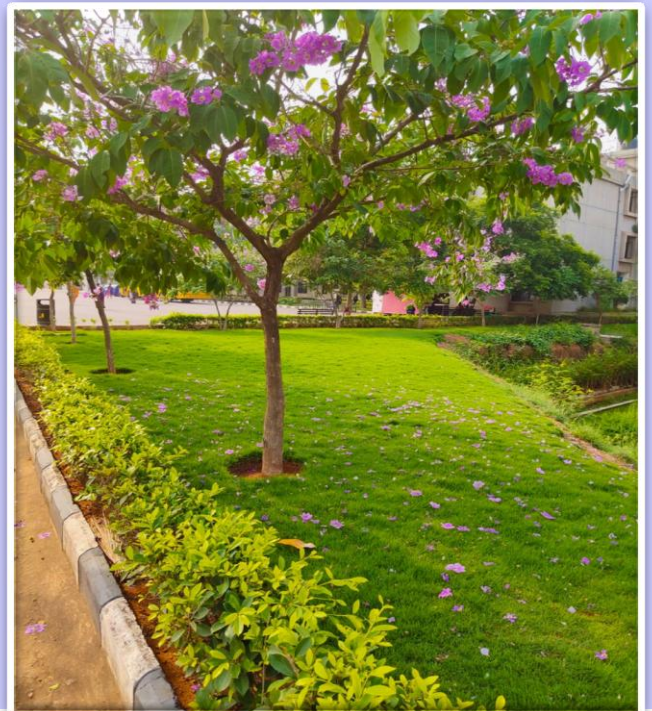
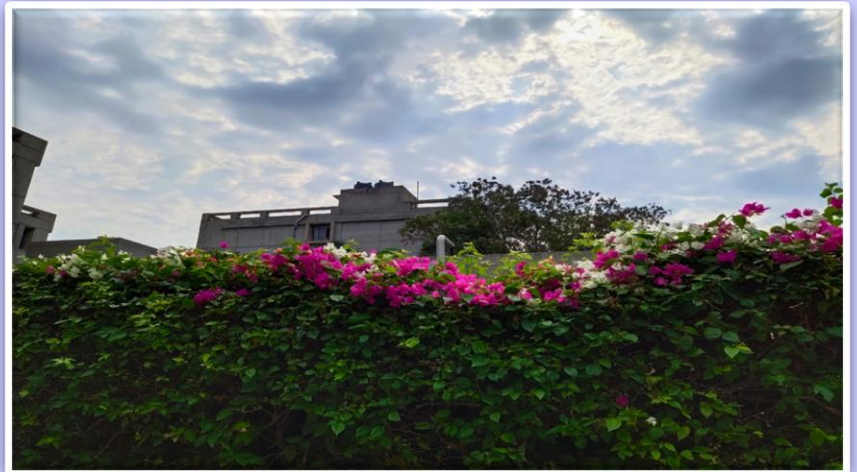
ACCOMPLISHMENTS



Mr.M.Kumaran,III EEE has been selected as a player for Indo International Premier Kabaddi League (IIPKL) to be held from 13 th May to 4th June 2019 in Pune, Mysore and Bangalore.

The events will be broadcasted in DSPORTS channel, Live from May 13.

THROUGH
THE LENS



The science of sleep and its importance to our health seem to be in the news almost every day. But the science of dreams? Not so much. However, though it may lag behind the research on sleep, dream research is catching up; it turns out that our dreams affect our well-being, too, as Alice Robb writes in her lively, immersive **Why We Dream: The Transformative Power of Our Nightly Journey**. She writes, "Dreams play a crucial role in some of our most important emotional and cognitive systems, helping us form memories, solve problems and maintain our psychological health."

"Paying closer attention to our dreams can allow us to understand what we may be ignoring in the daytime." In **Why We Dream**, Robb reminds readers that for most of history, dreams were viewed through a spiritual lens. It wasn't until the mid-19th century that scientists tried to study dreams. Some of the first dream-research discoveries were made by nontraditional outsiders; the scientist who first documented REM (rapid eye movement) sleep, and who connected REM cycles to dreaming, is largely forgotten. Other early dream researchers tried without much success to study dream telepathy and whether dreams could predict natural disasters. Robb neatly uses her own and others' dream experiences to introduce current research, including how dreams help us learn and remember, recover from trauma and stay mentally healthy. Poor dream recall or lack of dreams can be a risk factor for depression, and middle-aged people who act out their dreams may be at higher risk for Parkinson's and Alzheimer's diseases. The book also offers a brief guide to lucid dreaming (in which dreamers know they are dreaming), with an entertaining portrait of a lucid-dreaming conference in Hawaii. Paying closer attention to our dreams can allow us to understand what our brains are processing—and what we may be ignoring in the daytime. Robb offers a range of suggestions for better attention to dreams, from keeping a dream journal to starting a dream group.

BOOK REVIEW

