

VOLUME 4, ISSUE 3, 10.06.19

SKCT DIGEST

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DID U KNOW???

MOTIVATIONAL ZONE

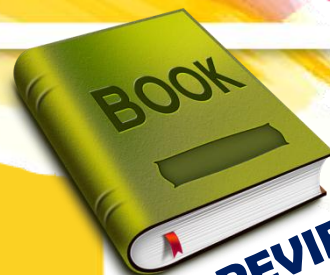
ACCOMPLISHMENTS

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PRINCIPAL

CO-EDITORS

Dr P Manju, ICE,
Dr T Rajesh Kumar, IT
Mr N Karthikeyan, SoM
Ms R Kalpanasonika, CSE



REVIEW



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KNOWLEDGE UPDATE



ECE Department -FDP on haptic technology for the design of soft robots was attended by Dr. Senoj Joseph, Mr. Ganesh Prabhu, Mr. Thirunavukkarasu, Mr. Ahamed Yasar



ICE Department- Mr Ajith B Singh AP/ICE is attending TEQIP - III Sponsored one week FDP on Automotive Embedded Systems at PSG Tech, Coimbatore.



Civil Department- Ms.A.Vennila, Assistant Professor, Civil Dept, is attending Teqip III Sponsored FDP on "Sustainable Construction Materials and Characterization" at PSG College of Technology.



Civil Department- Ms.A.Vennila, Assistant Professor, Civil Dept, is attending Teqip III Sponsored FDP on "Sustainable Construction Materials and Characterization" at PSG College of Technology.

MEETINGS & DISCUSSIONS



ECE DEPARTMENT -Placement review for final year students was conducted by the Head of the Department along with Placement mentor, Placement coordinator and Final year coordinator.

Mechanical department - The HoD convened an action plan discussion meeting with research team of following members Dr. S.Sundararaj, Dr.Srinivasan, Dr. Sathish Kumar , Dr.Mohonraj, Dr.Sakthivel, Dr. Santhosh , Mr. Dhivagar and Mr. Mohan.





S&H Department- Ms. P. Sheeba Ranjini, AP/SKCT and Ms. T. Bhavani, AP/SKCT conducted a meeting with the Maths faculty members.

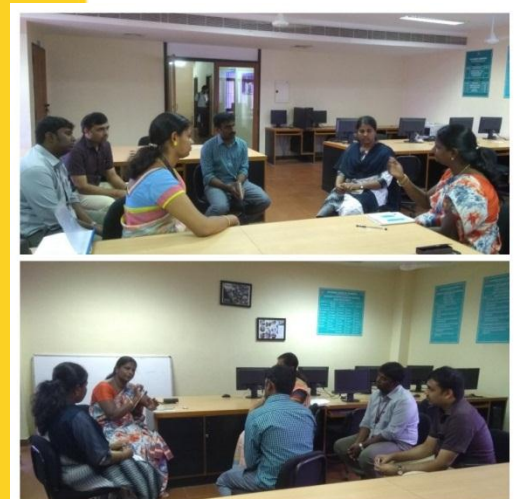
IT Department - HoD conveyed a meeting with IT Faculty regarding Action plan and Academic Activities to be carried out for this semester.



Civil Department- Dr. I. Padmanaban, HOD/Civil, organized a meeting with the Placement Mentors to discuss about the Action plan for the forth coming academic year.



CSE department- Staff meeting was held with the cluster heads for the academic year 19-20.





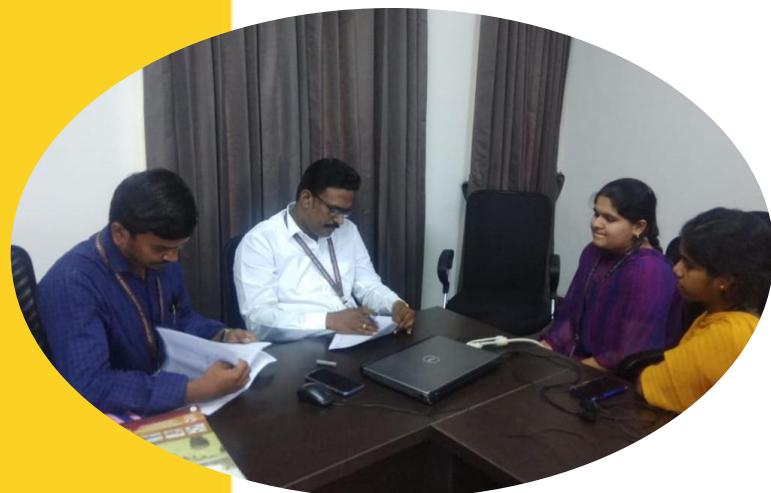
ICE Department- Faculty meeting was convened by the HoD.

MECHANICAL Department- TEAM WORKAHOLIC SIH – 2019 HAD A meeting with their mentor Dr.N.Mohan Raj.



IT Department- A Meeting was convened by Dr.G.M.Tamil Selvan, HoD/IT & the Placement Coordinator on the Agenda – How to face the Up-coming Placement Drives with the Final Year students

EEE Department -Dr. Rajangam, HOD/EEE, convened a meeting with placement coordinator and students to assess the readiness of students to attend interview.





ICE Department -Placement discussion with IV / ICE students

A meeting was convened by the Placement Officer with the Placement Coordinators & Trainers to discuss about the progress about the placement activities.



SKCT Digest – A meeting was convened with all Digest Team members to discuss about the quality improvement of Digest issue.

RESEARCH

- Thenmozhi S, AP/ECE has published an article titled Light Weight Security Framework for IoT in IEEE (SCOPUS indexed journal)
- Ganesh Prabhu S, AP/ECE has published an article titled Design of Portable Land Parameter Measuring Device in IEEE (SCOPUS indexed journal)
- R.R.Thirrunavukkarasu, AP/ECE has published an article titled Detection of R peak in Electrocardiogram and on title Design of SAR ADC Based Mixed Signal Architecture for low power applicationsignal using Daubechies Wavelet transform and Shannon's energy envelope in IEEE (SCOPUS indexed journal)
- Kirthika A, AP/ECE has published an article titled Design of Portable Land Parameter Measuring Device in IEEE (SCOPUS indexed journal)

ACCOMPLISHMENTS

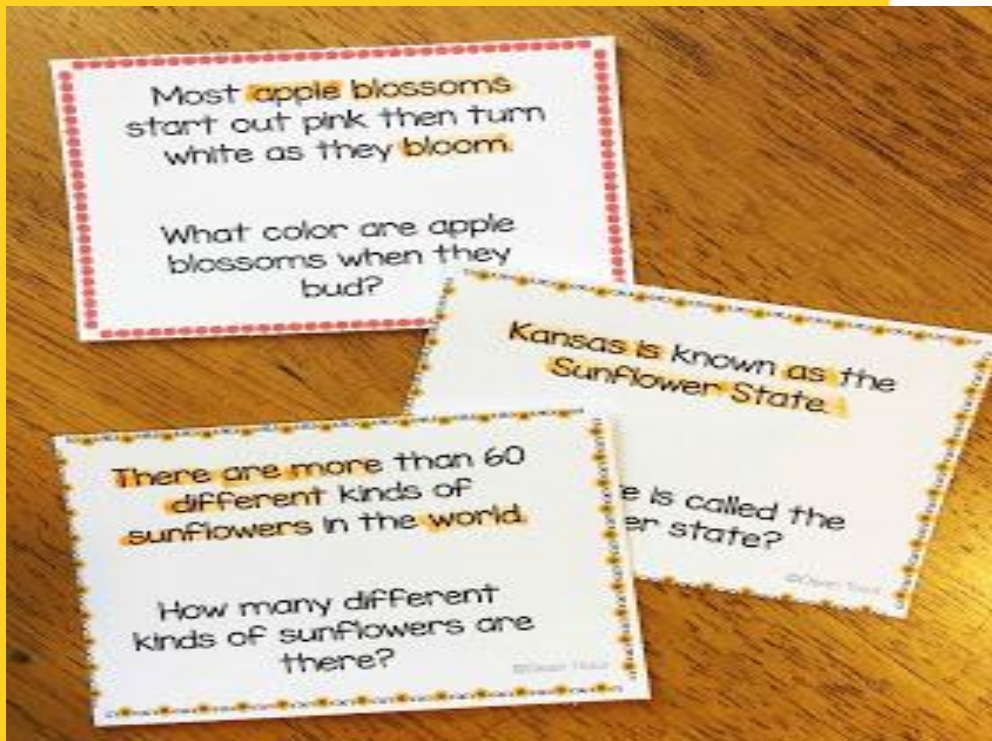
Team Workaholic with the Title Multipan has been shortlisted for the Grand Finale of Smart India Hackathon (SIH) 2019.

Team Members

Mr. Prakash.S(Team Leader) – Mech
Mr. Vamshidar. N – Mech
Mr. Vigneshkumar. T – Mech
Mr. Vinesh Madhu. M J – Mech
Ms. Keerthana.G – Mech
Mr. Harris Abisheik. J – EEE

Mentor: Dr. N. Mohanraj, Associate professor, Department of Mechanical Engineering.

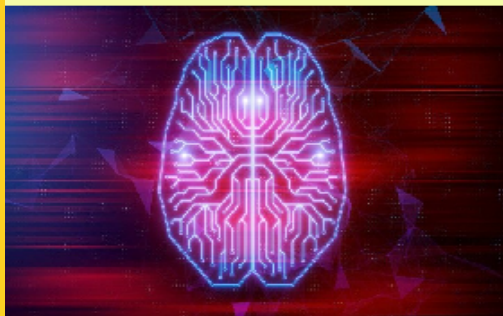
**DID YOU
KNOW???**



Interesting Engineering

Interesting Engineering

China Has Released A Computer Chip That 'Talks' To Your Brain



** The state-owned China Electronics Corporation and Tianjin University revealed the "Brain Talker", a computer chip designed to be used in brain computer interfaces (BCIs).

** Brain-computer interfaces (BCIs) are devices that create a link of communication between the brain and a computer.

- ** "Brain Talker", is aimed at "decoding a user's mental intent solely through neural electrical signals", without the need for normal device commands.
- ** The work on this new BCI is aimed at making the tech more widely adopted in the future.
- ** They can be used to create audible computer-generated speech with the mind, and even to play a game of Tetris telepathically.



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**ENERGIZING
WAYS TO
START YOUR
MORNING**



Get Hydrated



Do Some Yoga/Stretches



Say Morning Affirmations



Having Breakfast



Taking My Vitamins



Morning Showers



Consult My To-Do List

BOOK REVIEW



The Great Derangement: Climate Change and the Unthinkable **Amitav Ghosh**

Are we deranged? The acclaimed Indian novelist Amitav Ghosh argues that future generations may well think so. How else to explain our imaginative failure in the face of global warming? In his first major book of nonfiction since *In an Antique Land*, Ghosh examines our inability—at the level of literature, history, and politics—to grasp the scale and violence of climate change.

The extreme nature of today's climate events, Ghosh asserts, make them peculiarly resistant to contemporary modes of thinking and imagining. This is particularly true of serious literary fiction: hundred-year storms and freakish tornadoes simply feel too improbable for the novel; they are automatically consigned to other genres. In the writing of history, too, the climate crisis has sometimes led to gross simplifications; Ghosh shows that the history of the carbon economy is a tangled global story with many contradictory and counterintuitive elements.

Ghosh ends by suggesting that politics, much like literature, has become a matter of personal moral reckoning rather than an arena of collective action. But to limit fiction and politics to individual moral adventure comes at a great cost. The climate crisis asks us to imagine other forms of human existence—a task to which fiction, Ghosh argues, is the best suited of all cultural forms. His book serves as a great writer's summons to confront the most urgent task of our time.