

# SKCT DIGEST

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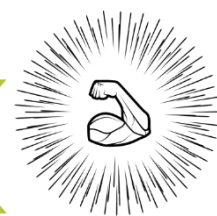
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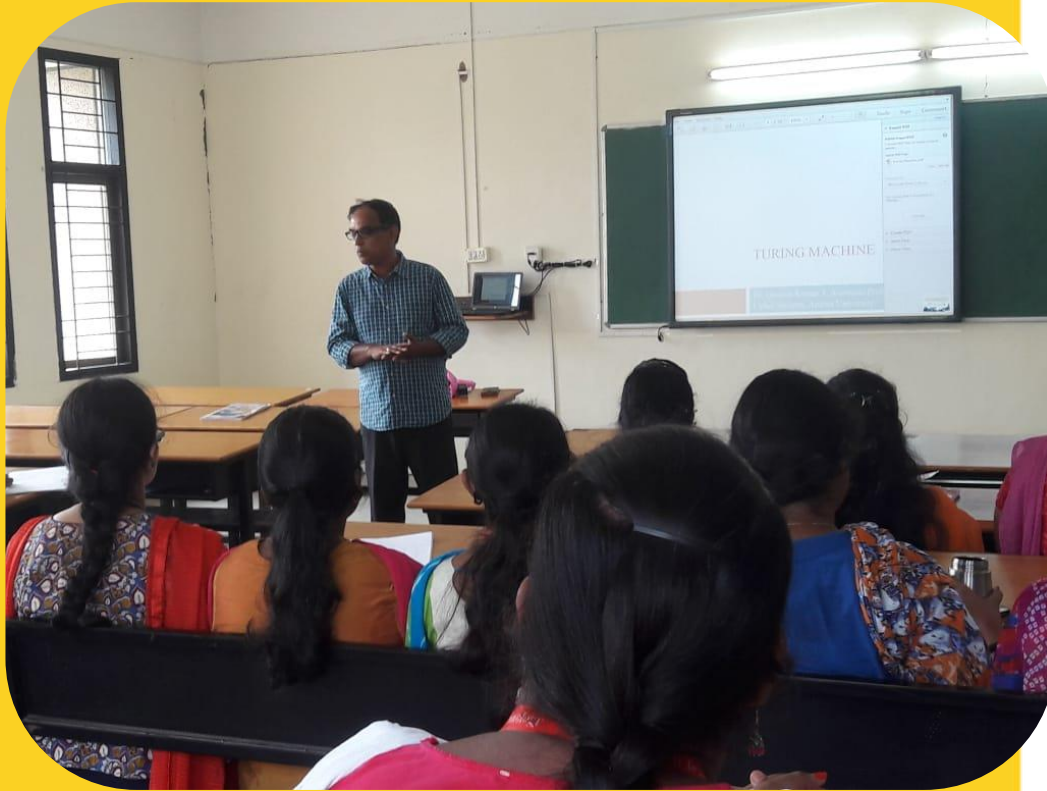
## KNOWLEDGE UPDATE



**Department of ECE**  
- A webinar was organized to launch program on "Coursera for Campus", which is open to all department students of SKCT



**Department of ECE**  
- A seminar was organised on "Evolution of Wireless Communication-Future Trends-Insights"



**IT Department – A Seminar on Formal Languages and Automata Theory for III year IT Students was taken by Dr.T.Gireesh Kumar, Associate Professor, TIFAC-CORE in Cyber Security, Amrita School of Engineering, Coimbatore. The Faculty Coordinators: Dr.A.Christy Jeba Malar, Ms.T.Sangeetha**



**Department of CSE - Guest Lecture on Real Time Network and Management by Mr. G. Ramakrishnan(our Alumni) Senior Network Engineer, NTT Data, Bangalore.**

# PARTICIPATIONS



**Mechanical department -**  
Team Ignitors  
successfully Cleared  
Technical Inspection,  
Braking test in Rally Car  
Design Challenge event  
held at Bikaner,  
Rajasthan



**Mechanical department -**  
Team Phantom  
successfully Cleared  
Technical Inspection,  
Braking test in Quad Bike  
category, Rally Car Design  
Challenge event held at  
Bikaner, Rajasthan

## EVENTS



**EEE Department** -To commemorate 150th Birth Anniversary of Mahatma Gandhi and World Environment Day, EEE Team planted 50 trees inside the SKCT campus



**DEPARTMENT OF CSE** - As a part of Innovation day celebrations on behalf of Dr. APJ Abdul Kalam's birthday, a team of faculty members and students visited 2 schools in Coimbatore today to promote innovative ideas to the school students. The following are the schools where the programme was conducted.

1. Perks Matriculation HSS, Uppilipalayam
2. Government High school, Kulathupalayam

# RESEARCH

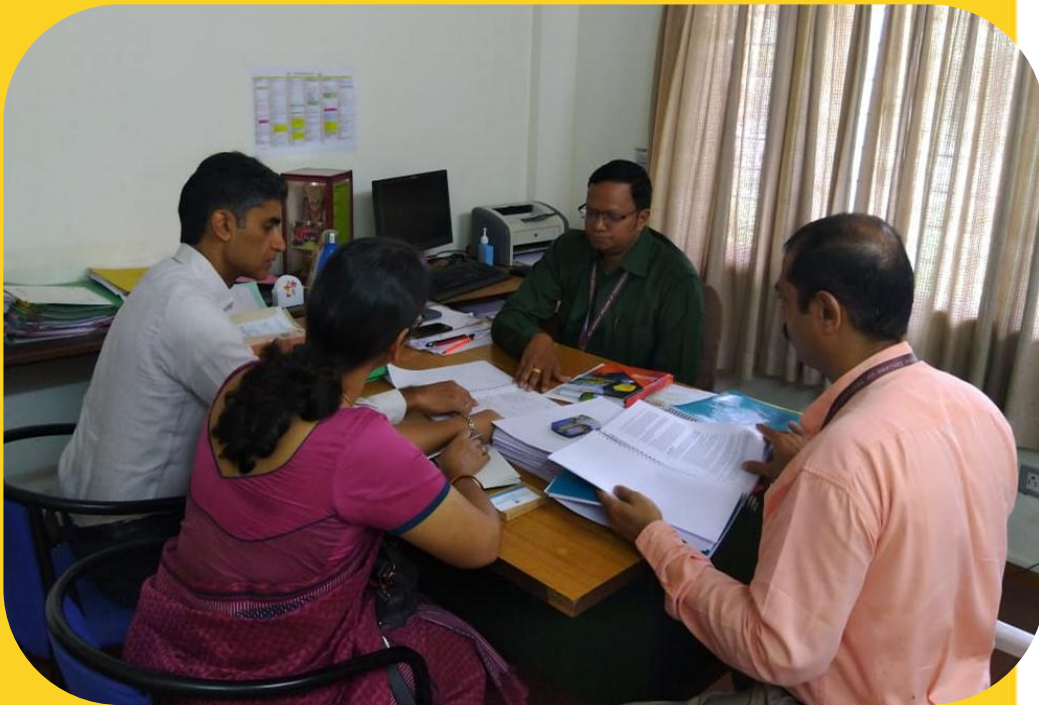


PhD viva voce of  
Mr.Shajakhan, guided by  
our Principal  
Dr.Srinivasan Alavandar

**SoM – The following Stride Proposals were submitted**

Title	Principal Investigator Name	Co- Principal Investigator Name	Amount
Implementation of a Business Model to promote Economic Development through Rural Entrepreneurs in Coimbatore District	Dr. M Padmavathi	1. Mrs. Y Arul Sulochana 2. Mrs. A Mohanapriya	Rs. 14,05,000/-
A Study on Entrepreneurship Development and its Impact on Employment, income and Economic development in Tamil Nadu	Dr R Prabusankar	1. Mr P.Mayilrajan 2. Mr SARAVANAN 3. Dr Vasantha Kumari (S&H)	Rs. 52,97,600/-
A Study on Children Behavioral Changes and Health Issues.	Dr.J.Chandrakhanthan	Mr.A.Prasathkumar	Rs. 10,65,000/-
Swachh Bharat Abhiyan- A Measure on the Impact of livelihood and Level of Awareness among the Rural People with reference to Kongu Region, Tamil Nadu.	Dr. S Rajkumar	Mr. Karthikeyan N	Rs. 11,95,000/-

## MEETINGS & DISCUSSIONS



**Mechanical department**  
- Dr. P.Prathap, HoD/Mech and Dr. R. Srinivasan had discussion with Dr. Senthil Kumar Sivaraj, Director & Anitha Senthil Kumar, Program Manager, CADOpt Technologies- about the job opportunities for mechanical engineers using PLM in manufacturing industries.

## ACCOMPLISHMENTS

**IT Department** - Fayaz & Naveen R. M of II IT A got First place, Anish. M II IT A got Third place in paper presentation, Papyrus 2k19, Organized by Department of EEE, SKCT



Ms.K.Abinandhini, Ms.K.Anuragini of II CSE A received II prize in Paper Presentation event " PAPYRUS 2K19 " organised by the department of EEE



# INTERESTING ENGINEERING

In life sciences, we'll have greater understanding of the dynamics of how our microbiome – the tiny organisms, including bacteria, that live in the human body – influences multiple systems in our body, including our immune systems, metabolic processes and other areas. This will result in seminal discoveries related to a variety of conditions, including autoimmune diseases, pre-term birth and how our metabolism is regulated. Regenerative medicine approaches to creating new tissues and organs from progenitor cells will expand significantly. Finally, the long-awaited ability to employ precision medicine, providing specific treatments to specific patients, will become much more common. *Mark Fischer-Colbrie, CEO of Labcyte Inc*



## WHAT HAPPENED TODAY

1993 : Rebel parliamentarians led by Vice President Aleksandr Rutskoi and Chairman Ruslan Khasbulatov surrender to Russian President Boris Yeltsin after he brings in tanks to surround the Russian White House parliament building.

2011 : Thirteen people are killed after gunmen attacked a bus carrying Shia Muslims near Quetta, Pakistan. Another six people were injured in the attacks which targeting Shia Muslims in the area.

2011 : National Basketball Association cancels the remainder of the pre-season due to the [2011](#) NBA lockout with cancellation of games in the regular season occurring if the lockout continues for another week.

2012 : Nissan unveiled the NSC-2015 electric car prototype at the Ceatec [2012](#) show in Tokyo





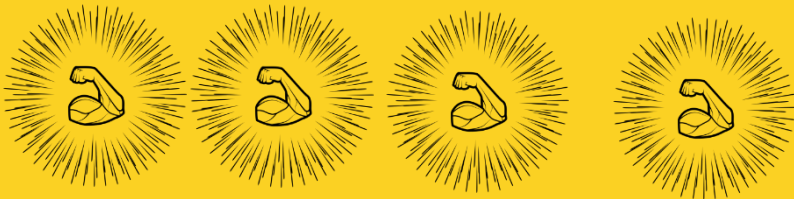
# HEALTH TIPS

## Vitamin B12 has many side effects, Know symptoms and remedies

Our body needs nutrition for many minerals and vitamins and one of these essential vitamins is B12. Vitamin B12 is an essential nutrient that is necessary for your body to function well. Vitamin B12 plays an important role in your body's work, there is never a shortage of vitamins in the body overnight. It happens slowly.

It takes several years for the body to lack vitamin B12. Its symptoms are similar to some other health problems, so people often do not pay attention to it. Vitamin B12 deficiency leads to problems in the eyes, memory loss, difficulty in physical co-ordination, tingling in the arms and legs or hands or feet, etc. Reduction of B12 also leads to reduction of red blood cells. This reduces oxygen in your body, which leads to fatigue and nausea.

If we talk about the sources of Vitamin B12, B12 is mainly found in non-vegetarian food, so people who eat vegetarian often suffer from its deficiency. People suffering from anemia or who have undergone some kind of surgery are more likely to have B12 deficiency. It is necessary for us to do many things because Vitamin B12 helps in making red blood cells. In such a situation, the lack of B12 causes dizziness. The body starts feeling weak and tired all the time.

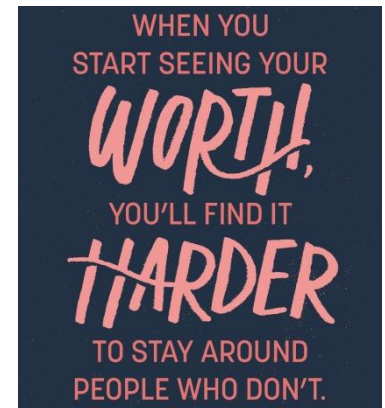


## MOTIVATIONAL ZONE

DID YOU  
KNOW???



The water in both tanks is from the same time and place. The only difference is that the right tank has oysters.



## AWARENESS CORNER

### Global Risk

1/4th of Global TB population in India

An untreated person with ACTIVE TB infects 10-15 people a year through close contact

**Get Tested**   **Contact Me**

### SYMPTOMS

### Who all should get checked??

Chronic Smokers

Past Infection

HIV Positive

Pregnant Females

Infant & Kids

Elderly Patient

Treatments are available and need to be completed.  
Drug resistance is a growing problem mostly due to incomplete treatment

## BOOK REVIEW

### The Diary of a Young Girl

Anne Frank

Discovered in the attic in which she spent the last years of her life, Anne Frank's remarkable diary has become a world classic—a powerful reminder of the horrors of war and an eloquent testament to the human spirit.

In 1942, with the Nazis occupying Holland, a thirteen-year-old Jewish girl and her family fled their home in Amsterdam and went into hiding. For the next two years, until their whereabouts were betrayed to the Gestapo, the Franks and another family lived cloistered in the "Secret Annexe" of an old office building. Cut off from the outside world, they faced hunger, boredom, the constant cruelties of living in confined quarters, and the ever-present threat of discovery and death. In her diary Anne Frank recorded vivid impressions of her experiences during this period. By turns thoughtful, moving, and surprisingly humorous, her account offers a fascinating commentary on human courage and frailty and a compelling self-portrait of a sensitive and spirited young woman whose promise was tragically cut short.

## SKCT WISHES

