

SKCT Digest



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TEAM SKCT WISHES!!!



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“If you want something new, you have to stop doing something old” - Peter F. Drucker

DIWALI....UTHSAV



DEPARTMENT OF ICE

Not all of us can do great things, but we can do small things with great love. - Mother Teresa



DIWALI.....UTHTSAV



It is not enough to be compassionate. You must act.
- Dalai Lama

DIWALI.....UTHSAV



Be the change you wish to see in the world.
- Mahatma Gandhi

Alone we can do so little; together we can do so much.
- Helen Keller

Faculty members and students from the Department of Instrumentation & Control Engineering celebrated the festival of lights with the innocent and vibrant minds of School at the Palammalai Village. Happiness shared in these moments will be treasured in each heart until there is another chance to meet and cherish...

Determination to Succeed with an emphasis on "Women Power" was the main focus of this "Diwali Uthsav"

ACCOMPLISHMENTS



DEPARTMENT OF CIVIL



Ms. S. Dharsana, Assistant Professor, Department of Civil Engineering has successfully completed a 4 week NPTEL Online Course on “Psychology of Everyday” conducted by IIT Kanpur with *Elite Certification*.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. T. Pridhar, Associate Professor, Department of Mechanical Engineering published a paper titled “Evaluation on properties and characterization of asbestos free palm kernel shell fibre (PKSF)/ polymer composites for brake pads”, in the Journal of Materials Research Express (SCI(E))



DEPARTMENT OF S & H

2 teams from I BE EEE (B Section) are shortlisted for HACKONTHON to be conducted at IIITDM, Kanchipuram.

TEAM 1

Team Name: 21st Galvanic's
Team Leader: Ms SUNMATI R A
Team Members: Ms TARINI S V, Ms POOJA S, Ms SWETHA V

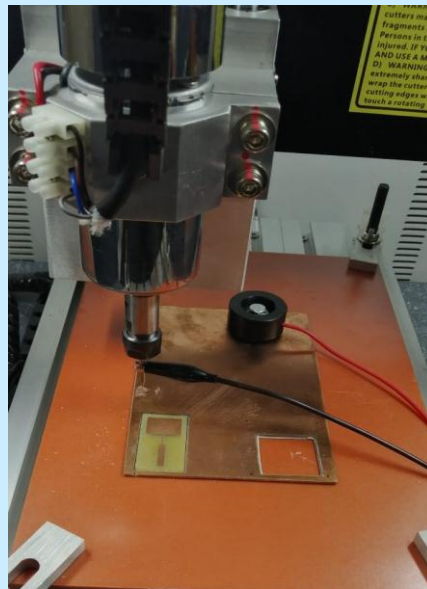
TEAM 2

Team Name: ELECTRICAL ENGINEERS
Team Leader: Mr NAVANEETHAKRISHNAN V
Team Members: Mr PANDIIRANGAN R. Mr NAVANFFTHAKRISHNAN. Ms PAVITHRA K



ACCOMPLISHMENTS

DEPARTMENT OF ECE



The first In-house Fabrication of 2.4GHz- Microstrip Patch Antenna using Antenna Prototype Machine was done at the MODROBS Lab in Department of ECE.

Mr.G. Santhakumar, Assistant Professor/ECE briefed on the design aspects of antenna using Ansys-HFSS software. Mr. U.Ventkateshkumar, Assistant Professor/ECE explained the fabrication of the Antenna using Copper CAM and MACH3.

The fabricated antenna was tested for the results using Vector Network Analyzer. This will bring in more research outcomes in the form of publications in refereed International journals.

STUDENTS' ACTIVITIES



DEPARTMENT OF S & H



Students of I BE Mechanical Engineering organized PROS & CONS, CONNECTIONS & MATH RIDDLE events for all the first year students.

“An essential aspect of creativity is not being afraid to fail.”

Edwin Land

STUDENTS' ACTIVITIES



DEPARTMENT OF MECHANICAL ENGINEERING



Drone model making training was conducted for the II BE Mechanical Engineering students to provide hands on training and knowledge on quad copter models and functioning of drone.

Mr T Aravind, IV BE Mechanical Engineering, Mr K Kesavan, III BE Mechanical Engineering along with Dr P Sakthivel, Assistant Professor, Department of Mechanical Engineering co-ordinated the event.

STUDENTS' ACTIVITIES



DEPARTMENT OF ICE



Students of I BE ICE penned down their creativity and imaginations in the making of Hand Made Posters

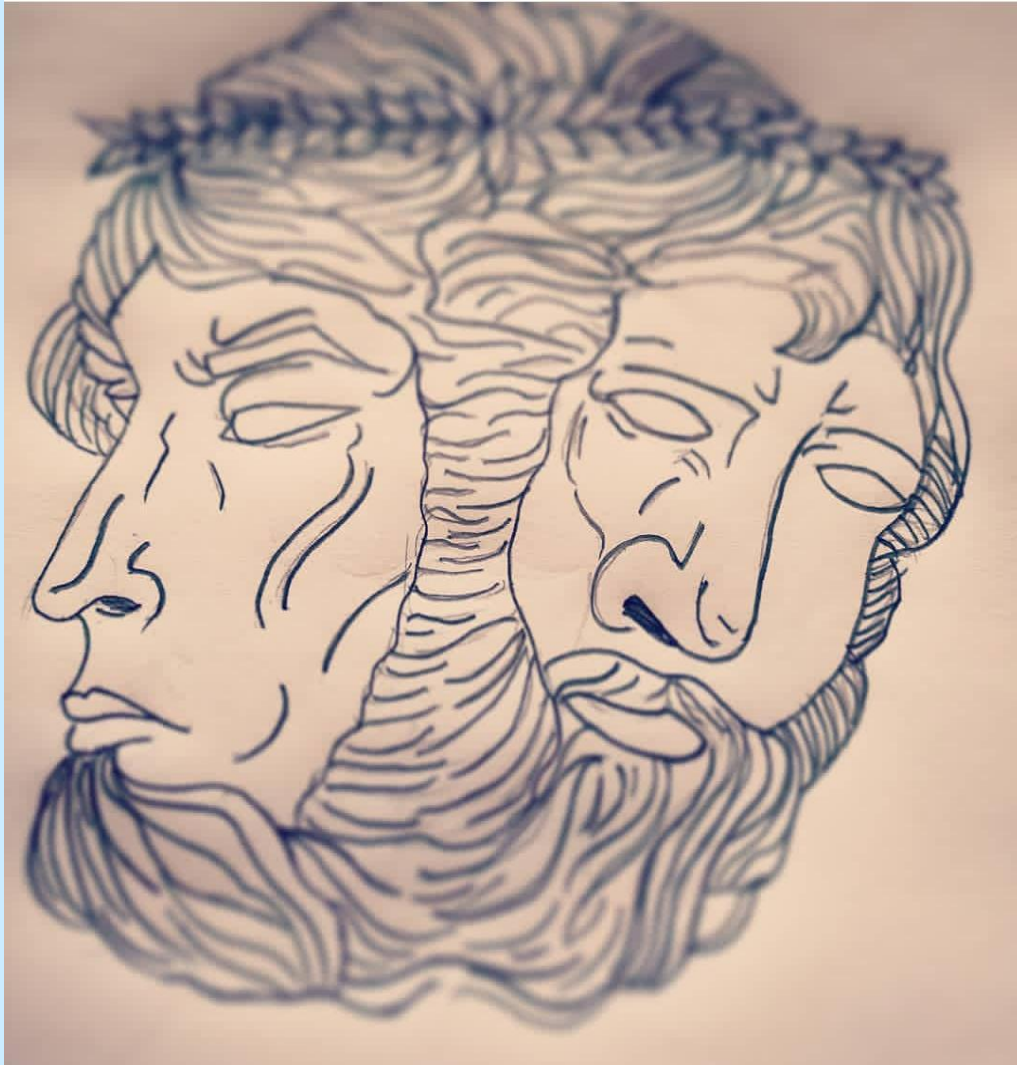
STUDENTS' ACTIVITIES



DEPARTMENT OF ICE



Students of I BE ICE participated in “Awareness Clicks” event which focused on the theme of “GIRL POWER”



Ms. Kavin Sanjaya

I MBA

“Creativity involves breaking out of established patterns in order to look at things in a different way.” - Edward de Bono



DEPARTMENT OF CSE

Google Claims Breakthrough in Quantum Computing

Google says it has built a computer that is capable of solving problems that classical computers practically cannot. According to a report published in the scientific journal Nature, Google's processor, Sycamore, performed a truly random-number generation in 200 seconds. That same task would take about 10,000 years for a state-of-the-art supercomputer to execute.

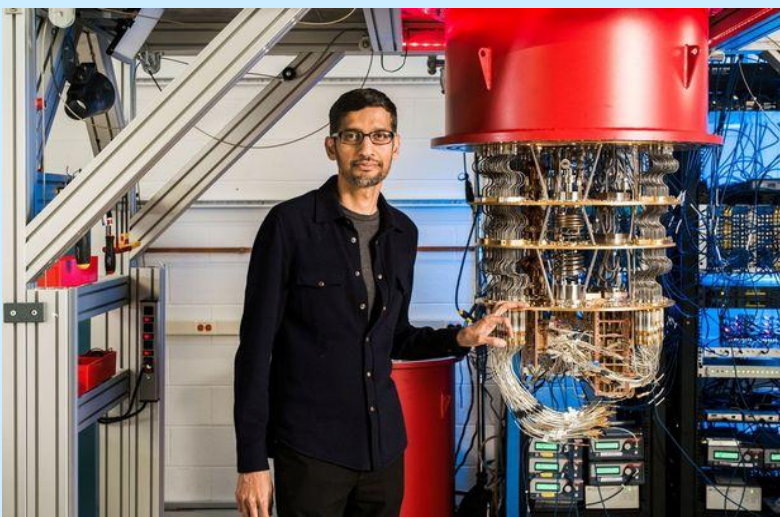
The achievement marks a major breakthrough in the technology world's decades long quest to use quantum mechanics to solve computational problems.

Google CEO Sundar Pichai wrote that the company started exploring the possibility of quantum computing in 2006.

In classical computers, bits can store information as either a 0 or a 1 in binary notation. Quantum computers use quantum bits, or qubits, which can be both 0 and 1. According to Google, the Sycamore processor uses 53 qubits, which allows for a drastic increase in speed compared with classical computers.

The report acknowledges that the processor's practical applications are limited. Google says Sycamore can generate truly random numbers without utilizing pseudo-random formulas that classical computers use.

Source: <https://doi.org/10.1038/s41586-019-1666-5>



Google CEO Sundar Pichai with one of the company's Quantum Computers in its Santa Barbara lab

Compiled by

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Professor & Head, CSE

TEAM SKCT WISHES !!!



With gleam of auspicious Diyas and the holy chants,
may happiness and prosperity fill all your life
forever! Wishing You All & Your Families a very
Happy and Prosperous Diwali !!!

