

SKCT DIGEST

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APPRECIATIONS



Capgemini, a leading Tech Giant, appreciated SKCT for being listed in one among the top 5 participatory colleges in the Campus challenge contest. In the 6th edition of Tech Challenge, they received around 1.5 Lakhs registrations. Capgemini Tech Challenge 2019 is a unique online Hackathon designed to identify the best programmers and tech enthusiasts from across India.

This Hackathon, which is open to all Indian citizens above the age of 18 years, including Capgemini employees, aims to orient young techies to the skills needed in the age of digital disruption and provide them with the opportunity to solve real world business and human challenges using emerging technologies.

Congratulations

INDUSTRY CONNECT



MECH

Dr.P.Prathap, Professor & Head, Mr.R.Nelson, Placement Coordinator, Department of Mechanical Engineering, visited Caterpillar India Private limited, Chennai and had interaction with Mr.P.Dharmaraj and Dr.Lavanya Kannairam, Assistant Manager, regarding placement opportunities for the students of Mechanical Engineering. They are likely to visit our campus for addressing the students on Enhancing the soft skills and technical skills.

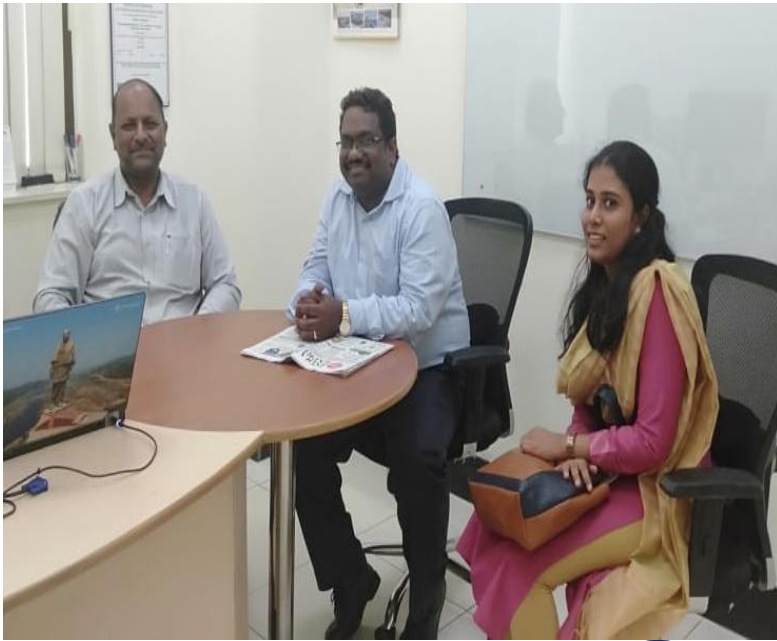
INDUSTRY CONNECT



MECH

Mr. Nelson, Placement Coordinator, Department of Mechanical Engineering, visited WHEELS INDIA LIMITED, Chennai, and interacted with Mr. A.Shankar regarding internship and in plant training, and placement for the students of mechanical engineering. The discussion ended with a positive note regarding placement opportunities. They expressed their interest in interacting with students on latest trends in automobile sector.

INDUSTRY CONNECT



CIVIL



Dr.I.Padmanaban and Ms.K.Reshma Jahaan, Department of Civil Engineering, visited **L&T Construction, Chennai** and held discussions with Mr. V. Govindaraj, Head, Research and Development. The discussion focussed on available scope for internships and R&D activities for the students. The discussion ended with a positive note.



Dr.I.Padmanaban and Ms.K.Reshma Jahaan, Department of Civil Engineering, visited **Eversendai Construction Private Limited, Chennai** and had discussion with Mr.B.N.Venkat Ramana, General Manager, HR & Admin, regarding the scope for internships and placements for the students.



INDUSTRY CONNECT



CIVIL



Mr.T.P.A.Aravind and Ms.R.Aparna, Department of Civil Engineering, visited **Keller India Pvt Ltd, Chennai**. They met Mr.Alexander, HR Manager of the company and discussed on the scope for internships and placements opportunities for the students. They also discussed regarding collaborative activities such as workshop and seminars with Mr.A.Gowtham.



CIVIL

Mr.T.P.A.Aravind and Ms.R.Aparna, Department of Civil Engineering, visited **RKC Group of Companies** and had discussion with Mr. Naveen Kumar J, HR and Admin Manager, RKC group of companies about placements and internships opportunities for the students.

INDUSTRY CONNECT



CIVIL

Mr.T.P.A.Aravind and Ms.R.Aparna, Department of Civil Engineering, visited Alliance Group of Companies, Chennai. They had discussion with the HR Manager Mr.Ravi Singh regarding scope for internships and placements. The discussion ended with a positive note.

CIVIL

Mr.T.P.A.Aravind and Ms.R.Aparna, Asst. Professors of Civil Engineering, met Mr Radha Krishnan, the secretary of **ICI student chapter** and explored the opportunities for Seminars, workshops and Industry connect to enhance the knowledge of the students.



INDUSTRY CONNECT



HECS[®]
GROUP

CIVIL

Dr.I.Padmanaban and Ms.K.Reshma Jahaan, Department of Civil Engineering, visited **Hubert Enviro Care Services, Chennai**. They discussed with the HR Manager Mr. Shiva on internships and placements opportunities.

INDUSTRY CONNECT



ICE

Faculty members from the Department of ICE visited the following companies as a part of industry connect initiative:

1. BGR Energy
2. Oiltech
3. Twinkle software solutions
4. Petrokens
5. EDAC engineering solutions
6. Alphind software
7. Client Links software solutions
8. Switzer process instruments
9. Rotork controls
10. Elite calibration
11. Hi Tech Calibration

INDUSTRY CONNECT



Opportunities on long term relationship with the firm, skill enhancement courses, student projects, consultancy, industrial training, Internships and placements were explored by the faculty members during their interaction with company officials

KNOWLEDGE UPDATE



EEE

Dr. Parthiban, Associate Professor of EEE, NIT Surathkal, facilitated the Forenoon Session of the Faculty Development Program organized by the Dept. of EEE. He talked about the Recent Advancements in Electrical Drives and Control and especially on Switched Reluctance Motor Drives.

KNOWLEDGE UPDATE



IT

Dr.G.M.Tamilselvan, Head of the Department, Information Technology, deliberated on the topic “Creativity Oriented Teaching Learning Process in Education”. The objective of the presentation includes 14 Elements of Creative Teaching Learning Process, General and specific objective of the topic, mapping of Revised Bloom’s Taxonomy and STEM in teaching.

KNOWLEDGE UPDATE



MECH

Dr.P.Prathap, HoD, Department of Mechanical Engineering, is attending a conference on “Advances in Automotive Electronics” at Hotel Feathers, Chennai, India. This conference is chaired by Mr Suresh D, CEO & Group CTO, Spark Minda Technical Centre, Minda Corporation Limited. More than 300 senior management personnel from diverse industries across the world are attending this conference.

INTERACTIONS



Dr. Srinivasan Alavandar, Principal and Dr. K. Rajangam, HoD, Dept of EEE, had discussion with Dr. Parthiban, Associate Professor, EEE NIT, Suratkal on Challenges and Trends in Electrical Vehicle Technology and the upgradation of automobile sector to Hybrid electric vehicles. He has also given his consent to be a BOS member for EEE Department.

COLLABORATION



IT

We are happy to inform that **SIG Block chain Team** is now associated with **Kerala Block chain Academy (KBA)*** to enhance the technical skills in Block chain Technology. The faculty coordinators are Dr.R.Kanmani, Assoc. Prof of IT, Ms.M.Malathi, and Ms.S.Madumidha, Asst. Professors of IT.

Kerala Block chain Academy Innovation Club (KBAIC) is a novel initiative by Kerala Block chain Academy (KBA) to help students from academic institutions across the country to explore deep into the potential of the block chain technology KBAIC provides an opportunity to work closely with experts and experiment the latest advancements in this domain. This will also help students to build their career in the disruptive world of block chain.

ALUMNUS CORNER



CIVIL

Mr.Hari Nighileswar, an alumnus of 2014-2018 batch, B.E.Civil Engineering, visited the members of faculty in Civil Engineering Dept. and shared his work experience.

ACCOMPLISHMENT



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
RAMESH R
for successfully completing the course
Design of Steel Structures
with a consolidated score of **72** %

Online Assignments	20.91/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 322

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

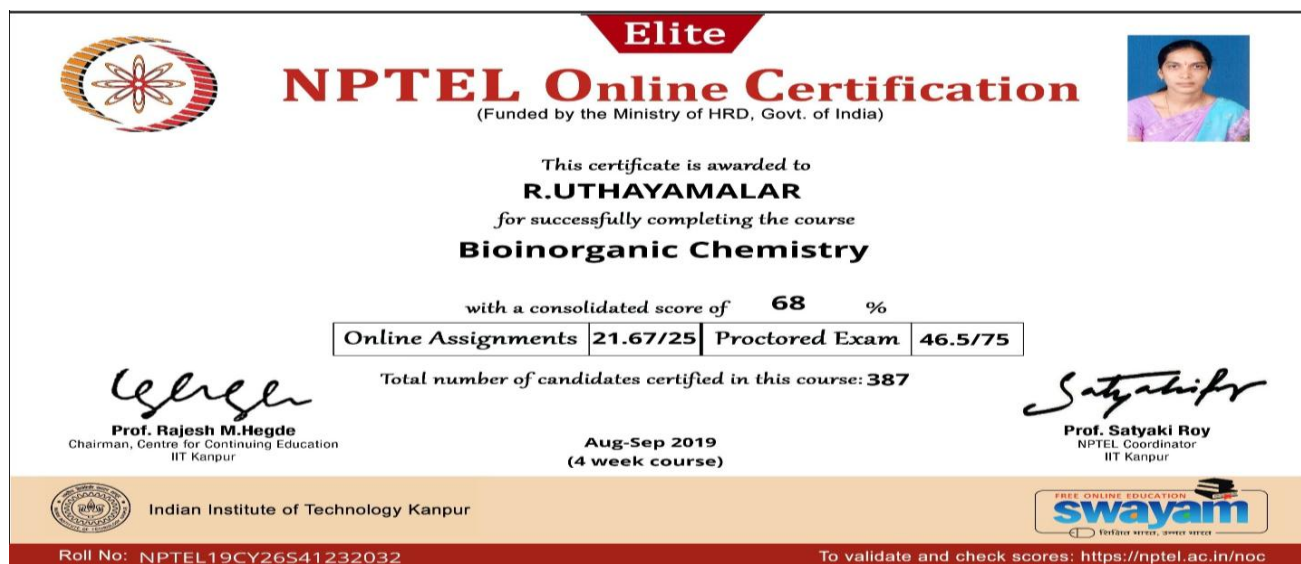
Indian Institute of Technology Kharagpur

Roll No: NPTEL19CE25S61231015

To validate and check scores: <https://nptel.ac.in/noc>

CIVIL

Mr.R.Ramesh, Assistant Professor, Department of Civil Engineering, has successfully completed the NPTEL Online Course on Design of Steel Structures with Elite Grade.



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
R.UTHAYAMALAR
for successfully completing the course
Bioinorganic Chemistry
with a consolidated score of **68** %

Online Assignments	21.67/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 387

Rajesh M. Hegde
Prof. Rajesh M. Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Sep 2019
(4 week course)

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL19CY26S41232032

To validate and check scores: <https://nptel.ac.in/noc>

S & H

Ms.R.Uthayamalar, Assistant Professor of Chemistry, successfully completed an NPTEL Course on "Bioinorganic Chemistry with Elite Category".



CSE

Facebook Acquires CTRL-Labs Startup that lets people control devices with their mind

Facebook has acquired the neurotechnology startup CTRL-labs, which works on a technology that allows people to control digital devices using their mind. The social media company appears to be setting its eyes on changing how people communicate. It has been working on a computer-brain interface that would allow people to type words and send messages using only their brain since 2016.

Wristband that uses Neuron Signals to control devices

Facebook's new acquisition aims for the development of a wristband that can control smartphones, computers, and other devices without the need to touch a screen or keyboard.

The New York-based startup has been working on a wristband that decodes the electrical signals sent to the hand muscles by neurons in the spinal cord. These signals enable the hands to move in specific way such as click the mouse or press a button. The wristband then decodes the signals and translates them for the digital device that can understand these signals.

Source: <https://www.techtimes.com/articles/245473/20190924/facebook-acquires-ctrl-labs-startup-that-specializes-in-tech-that-lets-people-control-devices-with-their-mind.htm>