SKCT

DIGEST

13 SEPTEMBER – 17 SEPTEMBER 2021

SPECIAL ISSUE – 69

SPECIAL EDITION
SPECIAL EDITION
SPECIAL EDITION

EDITOR - IN - CHIEF
Dr Srinivasan Alavandar,
Principal

EDITORIAL TEAM

Ms S Soundarya, CSE
Ms S Thenmozhi, ECE
Ms B Pavithra, S&H

INSIDE THIS ISSUE

STUDENTS' PARTICIPATIONS
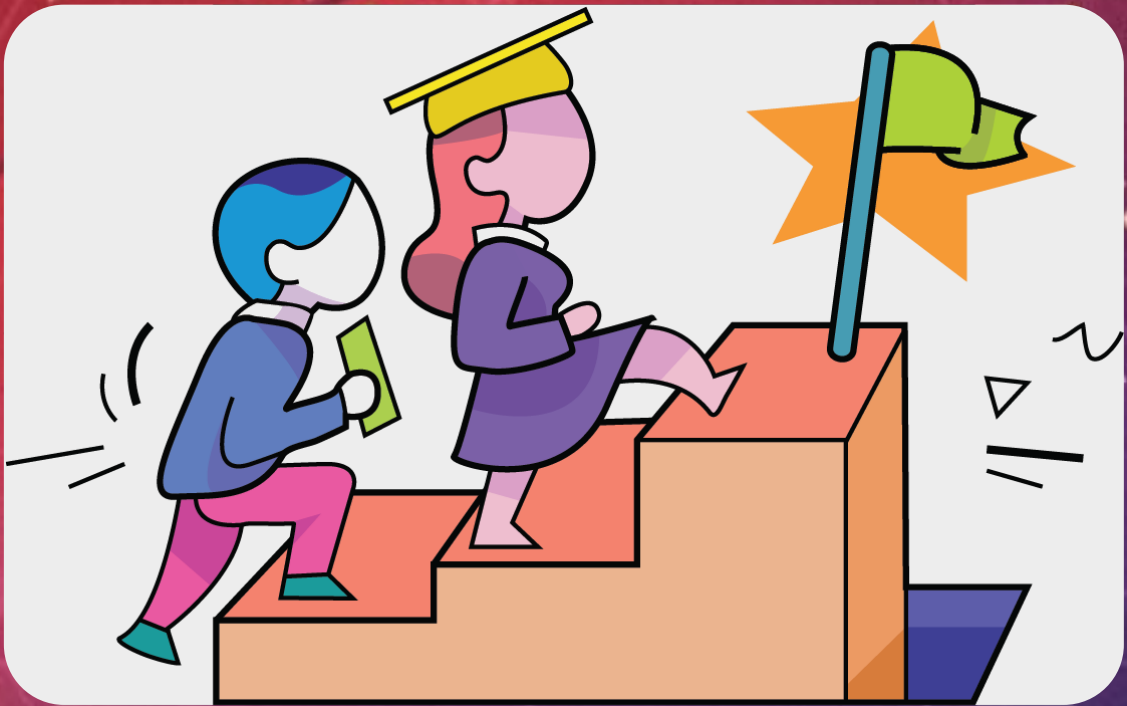
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ECE | STUDENTS' ACHIEVEMENTS | SMART E-HACKATHON ON SUSTAINABLE RURAL DEVELOPMENT 2021

Dear Participants,

Congratulations to your team!

Your nomination is selected for the Final Round of Selection in **Smart Hackathon - Sustainable Rural Development 2021 (SH-SRD 2021)**, organized by SRMIST-UBA, jointly with IIT Madras. The selection process and guidelines for the virtual round will be intimated two weeks before the final event. The final online event will be held in the last week of September or the first week of October 2021. Three winners (First, second and third) will be awarded the prizes in each theme (Renewable Energy/ Water Management/ Waste Management). Once again, thank you for your interest in SH-SRD 2021.

Kindly prepare well for the final event. We will contact you soon with the final dates!

All the participants who have submitted your idea for the SH-SRD 2021 will receive the participant's certificates.

With regards,
SH-SRD 2021 Team
SRMIST-UBA and IIT Madr

Ms M Sivani, Mr V Shyam Sagar, Ms P Subhiksha and Mr S Vigneash, Students of Third B.E. ECE C section, selected in the Final Round of Smart Hackathon on **"Sustainable Rural Development 2021 (SH-SRD 2021)"** organised by SRMIST-UBA, jointly with IIT Madras. Dr P Jayarajan, Assoc. Professor and Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, mentored the students.

ECE | STUDENTS' ACHIEVEMENTS | ACCENTURE INNOVATION CHALLENGE

Reminder:Congratulations on Moving to the Next Round of the Accenture Innovation Challenge 2021– Brace Yourself! Inbox

aic@fundamentor.com 2 days ago
to me

accenture

Accenture Innovation Challenge
Blaze the path to new realities

accenture.com/innovationchallenge/india

Congratulations for being short-listed for Round II of the Accenture Innovation Challenge

Thank you for your participation in the Accenture Innovation Challenge 2021.

This prestigious Challenge is inspired from the theme **'Combining technology with human ingenuity for a better world'**. The first round of the AIC witnessed some pathbreaking ideas which were submitted across the country.

Congratulations for being short-listed for Round II of the Accenture Innovation Challenge

Thank you for your participation in the Accenture Innovation Challenge 2021.

This prestigious Challenge is inspired from the theme **'Combining technology with human ingenuity for a better world'**. The first round of the AIC witnessed some pathbreaking ideas which were submitted across the country.

You have now advanced to the next round which is an **Online Simulation.**

WHEN?
The Accenture Innovation Challenge round 2 will open at 8:00 am on September 11, 2021 and will remain open till 11:59 pm on September 13, 2021.

HOW?
To access the simulation round, login to https://aic.fundamentor.com with your team leader's email and password.

Ms Sushmithaa S, Ms Sruthi Sri S C, Mr Ranjeesh R, Mr Ravi Kumar P, Mr Tamil Arasan P, Ms Shubha K, Mr Rashad H, Mr Shiva T, Mr Srikanth, Mr Sudharshan S, Ms Kaveya P S, Ms Parvitha K C and Ms Praveena S, Students of Third B.E. ECE, have been shortlisted in the second round of "**Accenture Innovation Challenge**." Dr P Jayarajan, Assoc. Professor and Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, mentored the students.

ECE | STUDENT ACHIEVEMENT | NATIONAL LEVEL POETRY CONTEST | TOP 50 BEST POETS
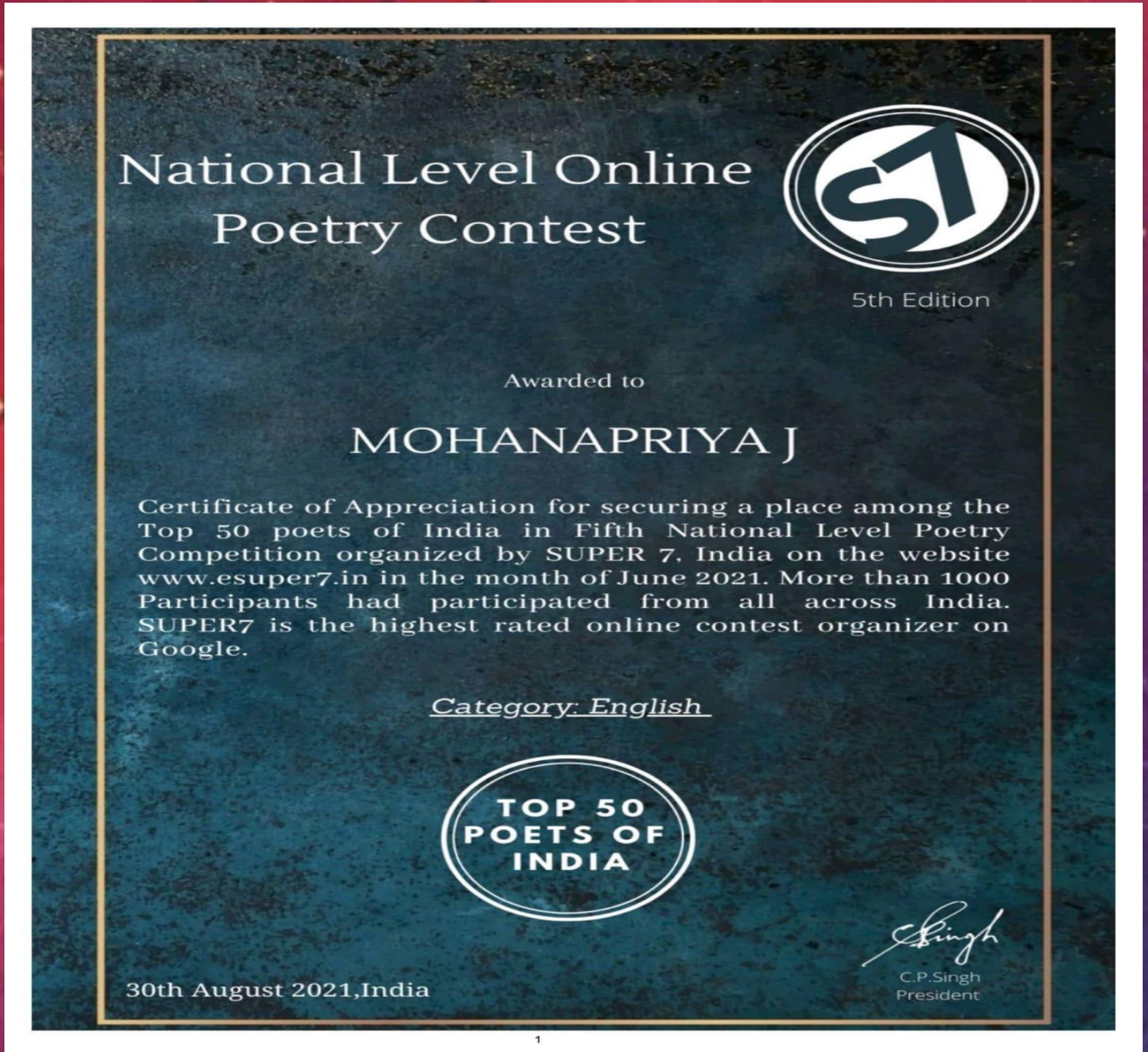
Ms Mohanapriya J, Student of Second B.E. ECE B section, has been selected among Top 50 Best Poets in **"National Level Poetry Contest"** organised by Super 7 organization on 30 August 2021.
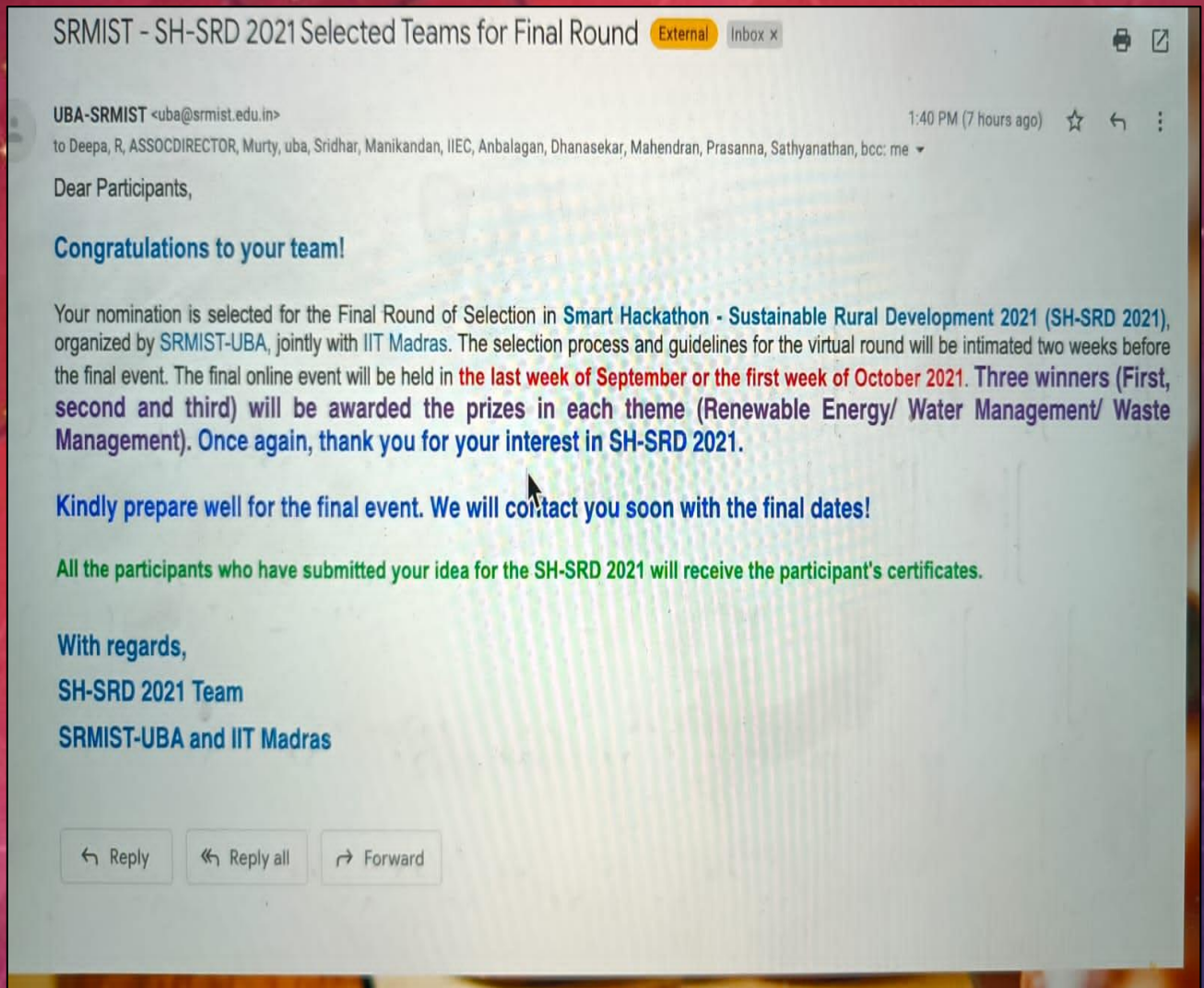
EEE | STUDENTS' ACHIEVEMENTS | ACCENTURE INNOVATION CHALLENGE 2021 – BRACE YOURSELF
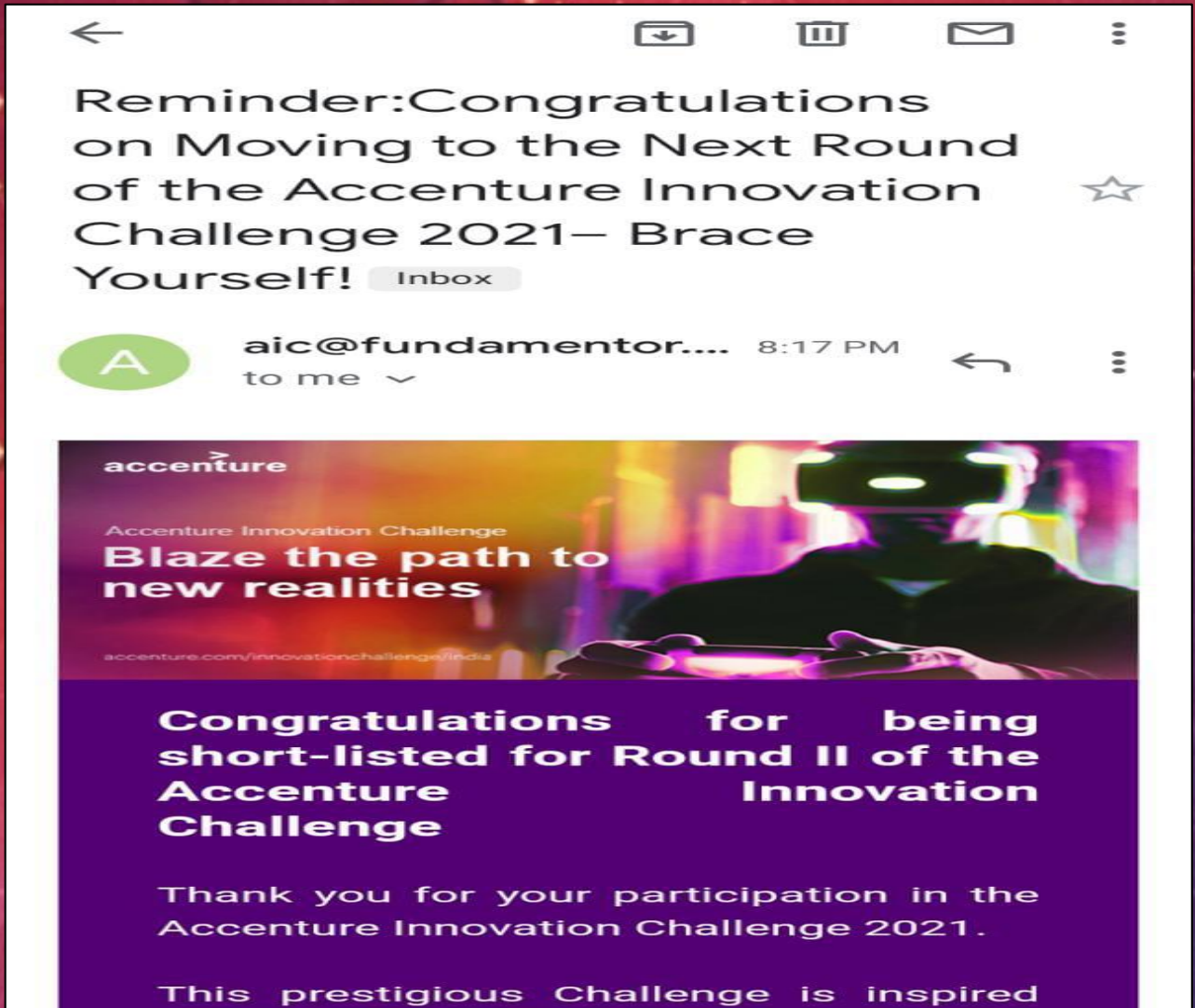
Ms Thendral Devi M and Trisha S R, Students of Second B.E. EEE B section, completed the first round of "**Accenture Innovation Challenge 2021-Brace Yourself.**"

EEE | STUDENTS' ACHIEVEMENTS | SMART HACKATHON - SUSTAINABLE RURAL DEVELOPMENT 2021

Mr Mohit Kumar D, Mr Navaneethakrishnan V, Mr Sri Varshan S, Mr P Pandurangan and Pooja S, Students of Third B.E. EEE B section, have completed the final round of "**Smart Hackathon-Sustainable Rural Development 2021.**"

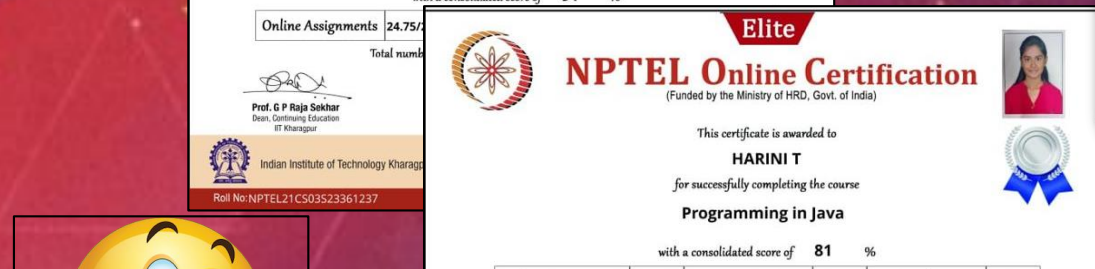# IT | STUDENTS' ACHIEVEMENT | NPTEL COURSE ON PROGRAMMING IN JAVA

Ms Gowshini Balamurugan, Ms Hareni M, Ms Harini T and Mr Dhinakaran S, Students of Third B.Tech. IT A section, completed an online certification course on **"Programming in Java"** offered through NPTEL and received ELITE + Gold on 16 September 2021.

CSE | STUDENT ACHIEVEMENT | NPTEL COURSE ON PROGRAMMING IN JAVA

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL21CS03S23361261

To
SWETHA K
12/4VANJIAMMANKOVIL STREET
MADUKKARAI,COIMBATORE 641105,TAMILNADU
COIMBATORE
TAMILNADU - 641105
PH. NO :6369061479

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

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

This certificate is awarded to

SWETHA K

for successfully completing the course

Programming in Java

with a consolidated score of **77** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	27.34/50

Total number of candidates certified in this course: **1448**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No:NPTEL21CS03S23361261   To validate and check scores: https://nptel.ac.in/noc

Ms K Swetha, Student of Final B.E. CSE C section, completed the NPTEL course on **"Programming in Java"** with with Elite+Silver.

CSE | STUDENT ACHIEVEMENT | NPTEL COURSE ON ENHANCING SOFT SKILLS AND PERSONALITY

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL21HS02S24470118

To
ESAKKIMUTHU S
6/234 MIDDLE STREET, KEELA-DEVANALLUR
NANGUNERI TALUK
TIRUNELVELI
TAMIL NADU - 627502
PH. NO :8870417101

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

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

This certificate is awarded to

ESAKKIMUTHU S

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	22.5/25	Proctored Exam	37.89/75

Total number of candidates certified in this course: **7339**

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

Feb-Apr 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION
swayam

Roll No:NPTEL21HS02S24470118

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

Mr S Esakki Muthu, Student of Final B.E. CSE A section, completed the NPTEL course on "**Enhancing Soft Skills and Personality**" with 60% .

CSE | STUDENT ACHIEVEMENT | NPTEL COURSE ON CLOUD COMPUTING

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL21CS14S14440548

To
PRAVEEN JEFFRI S
4/49 DURAI NAGAR IDHYA COLLEGE BACK SIDE
TAMIL NADU - 612001
PH. NO :9361573128

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

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

This certificate is awarded to

PRAVEEN JEFFRI S
for successfully completing the course

Cloud Computing

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.58/75

Total number of candidates certified in this course: **1535**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Feb-Apr 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam
FREE ONLINE EDUCATION

Roll No:NPTEL21CS14S14440548   To validate and check scores: https://nptel.ac.in/noc

Mr Praveen Jeffri, Student of Third B.E. CSE B section, completed the NPTEL course on "**Cloud Computing**" with Elite.

ECE | STUDENT PARTICIPATION | WORKSHOP ON CRICKET ANALYTICS USING PYTHON

Mr Harish R, Student of Second B.E. ECE A section, attended a workshop on **"Cricket Analytics using Python"** organised by Mad about Sports during 29 August-05 September 2021.

FACULTY
PARTICIPATIONS

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ECE | NPTEL COURSE ON ENHANCING SOFT SKILLS AND PERSONALITY

Elite

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

This certificate is awarded to

M NAVIN KUMAR

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **82** %

Online Assignments	23.13/25	Proctored Exam	58.42/75

Total number of candidates certified in this course: 7339

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

Feb-Apr 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam
FREE ONLINE EDUCATION

Roll No:NPTEL21HS02S13362042

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

NPTEL-AICTE
Faculty Development Programme
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
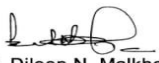
M NAVIN KUMAR

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **82** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2021)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL21HS02S13362042

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Mr M Navin Kumar, Asst. Professor, Dept. of ECE, completed the NPTEL Course on **"Enhancing Soft skills and Personality"** with Elite + Silver.

RESEARCH

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ECE | PATENT FILED | MINIMI ELECTRIFIYING DEVICE

Mr Karthikeyan S, Mr Naren Shanmugam A, Mr Natraj N, Mr Navaneeth S, Students of Third B.E. ECE B section, Mr R R Thirrunavukkarassu and Mr S Ganesh Prabhu, Asst. Professors, Dept. of ECE, filed a patent on **"Minimi Electrifiying Device"** on 10 September 2021.

MECH | JOURNAL PUBLISHED IN SCOPUS

ROLE OF ELECTRIC BASED VEHICLES IN ENVIRONMENTAL SUSTAINABILITY – AN INNOVATION IN AUTOMOBILE SECTOR

Santhosh S.[1], H.M. Ahmed[2], M. Wahab[3], P.K. Bansal[4] and M.Ahmed[5]

[1]Department of Mechanical Engineering, Sri Krishna College of Technology, Coimbatore
[2]Sulaimani Polytechnic University,Slemani 46001Kurdistan Region, Iraq
[3]Food Science and Quality Control Department, College of Agricultural Engineering Science, University of Sulaimani, Slemani 46001, Kurdistan Region, Iraq
[4]GLA University, Mathura
[5]Department of Horticulture University of Raparin, Ranya 46012 Kurdistan Region, Iraq
2hiwa2009@yahoo.com

ABSTRACT

This study aims to throw light on importance of electric vehicle for environment sustainability in context of India which is one of the emerging market around the world. Invention in the field of automobile in form of electric vehicle (EVs) helps to save environment and provide pace in economic development. Use of EVs saves energy by consumption of renewable energy. Adoption of EVs become challenge for the industry. For the purpose of study extensive review of existing literature has been done. Findings of the study indicated that development of new technology in automobile industry raised issue regarding the factors influencing consumer to adopt EVs in Indian context. Environment sustainability helps in impoving weather condition useful to farmers and farming. Study also revealed that major problem behind adoption of EVs is availability of charging station which must solved to increase the adoption in India.

Keywords: Electric Vehicles, Environment, Automobile, Sustainability

Dr S Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, published a journal on **"Role of Electric Based Vehicles Environmental Sustainability – An Innovation in Automation Sector"** in Materials Today: Proceedings.

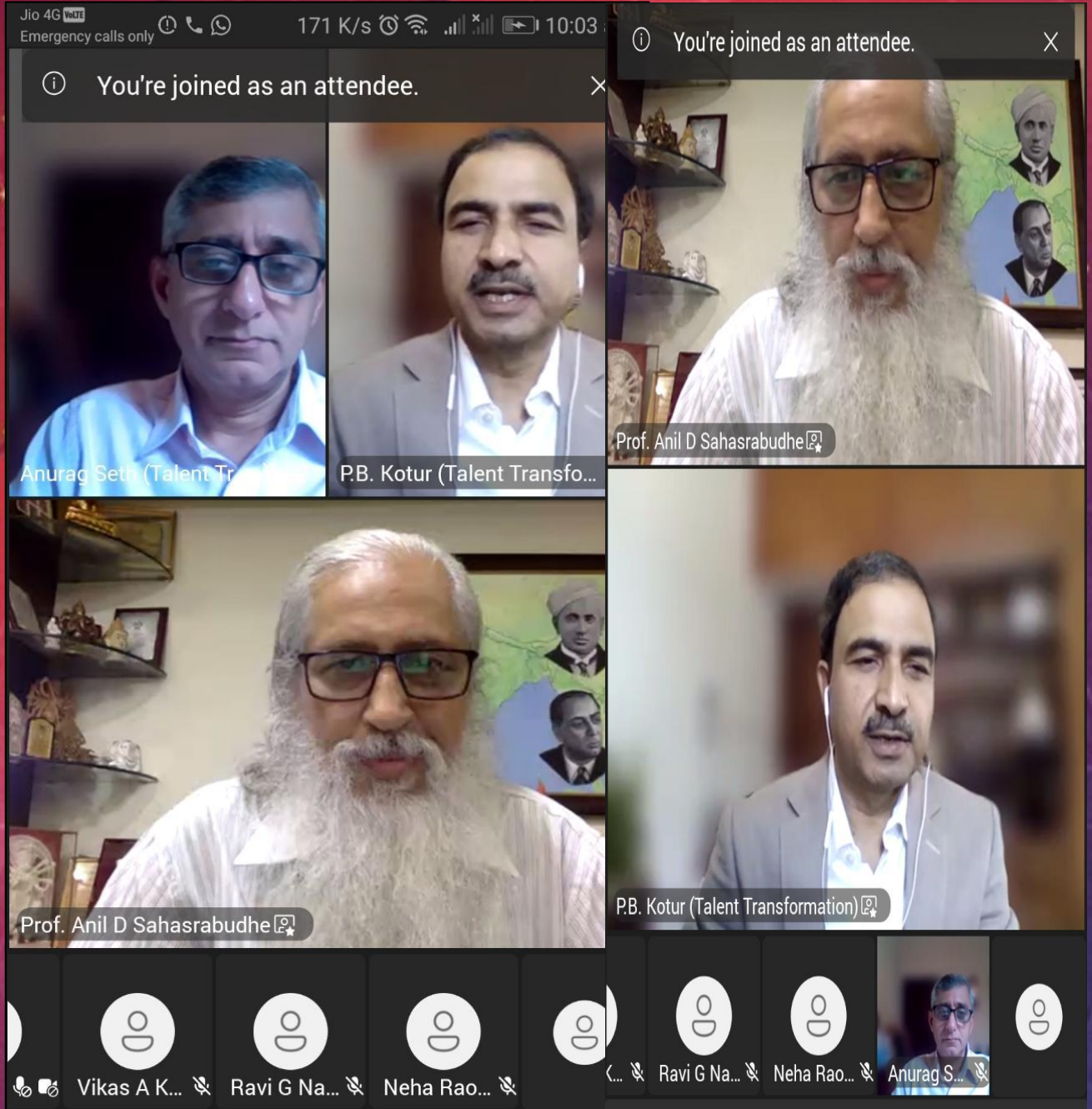# NEW VISTAS OF LEARNING

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IT | WEBINAR ON ENGINEERS DAY

Ms T Sangeetha, Asst. Professor, Dept. of IT, attended a **"Engineers Day Special Programme"** for WIPRO certified Trainers organised by WIPRO Technologies on 15 September 2021.

ECE | WORKSHOP ON EMBEDDED SYSTEMS – AN APPLICATION DRIVEN APPROACH

Certificate

This is to certify that **Mr. Senoj Joseph** from *Sri Krishna College of Technology*, has participated in the workshop *"Embedded Systems - An Application Driven Approach"* organized by the All India Council for Technical Education (AICTE), ATAL Academy, STMicroelectronics and Arm Education, from August 25th - 27th 2021.

Mamta Rani Agarwal
Advisor-I, ATAL
Academy

Arnaud Julienne
Vice President, Microcontrollers and
Digital ICs Group,
IoT/AI Competence Center and Digital
Marketing,
Asia Pacific Region, STMicroelectronics

Guru Ganesan
Managing Director and
President, Arm India

Dr Khaled Benkrid
Senior Director, Education and
Research, Arm Ltd

Dr Senoj Joseph, Assoc. Professor, Dept. of ECE, attended a workshop on **"Embedded Systems – An Application Driven Approach"** organised by the AICTE – ATAL Academy during 25-27 August 2021.

FDPs ATTENDED

Faculty Development Programme

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EEE | FDP ON RECENT TRENDS IN ENERGY AND POWER SYSTEMS

ID: VIT/FDP/RTEPS371

VIT®

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI

Certificate of Participation

This is to certify that .... Mr.LENINPUGALHANTHI P .... of
.... SRI KRISHNA COLLEGE OF TECHNOLOGY .... has
participated in the FDP (Faculty Development Program) on **"Recent trends in Energy & Power Systems"** organized by the **School of Electrical Engineering (SELECT)**, Vellore Institute of Technology (VIT), Chennai from 6th September to 9th September 2021.

Dr.S.Angalaeswari
Coordinator

Dr.D.Subbulekshmi
Coordinator

Dr. A Peer Fathima
Professor & Dean/SELECT

VIT – Recognised as Institution of Eminence (IoE) by Government of India
VIT - A place to learn; A chance to grow

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, attended an FDP on **"Recent Trends in Energy and Power Systems"** organised by the School of Electrical Engineering (SELECT), VIT Chennai during 06-09 September 2021.

ECE | ATAL FDP ON MODERN ANTENNA TECHNOLOGIES FOR FUTURISTIC WIRELESS COMMUNICATION SYSTEMS

No: ATAL/2021/1623755841

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that B PRIYANKA, Assistant Professor of Sri Krishna College of Technology, Coimbatore participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Modern Antenna Technologies for Futuristic Wireless Communication Systems" from 20/08/2021 to 24/08/2021 at Guru Jambheshwar University of Science and Technology, Hisar, Haryana-125001.

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

Ms B Priyanka, Asst. Professor, Dept. of ECE, attended the ATAL FDP on **"Modern Antenna Technologies for Futuristic Wireless Communication Systems"** organised by Guru Jambheshwar University of Science and Technology, Haryana during 20-24 August 2021.

ICE | ATAL FDP ON INNOVATION AND EDUTAINMENT FOR EFFECTIVE TEACHING AND LEARNING FOR GEN Z STUDENTS

Mr Ajith B Singh, Ms K Shanthi and Ms R Swathi, Asst. Professors, Dept. of ICE, attended the ATAL FDP on **"Innovation and Edutainment for Effective Teaching and Learning for Gen Z Students"** organised by Sri Ramakrishna College of Arts and Science, Coimbatore during 06-10 September 2021.
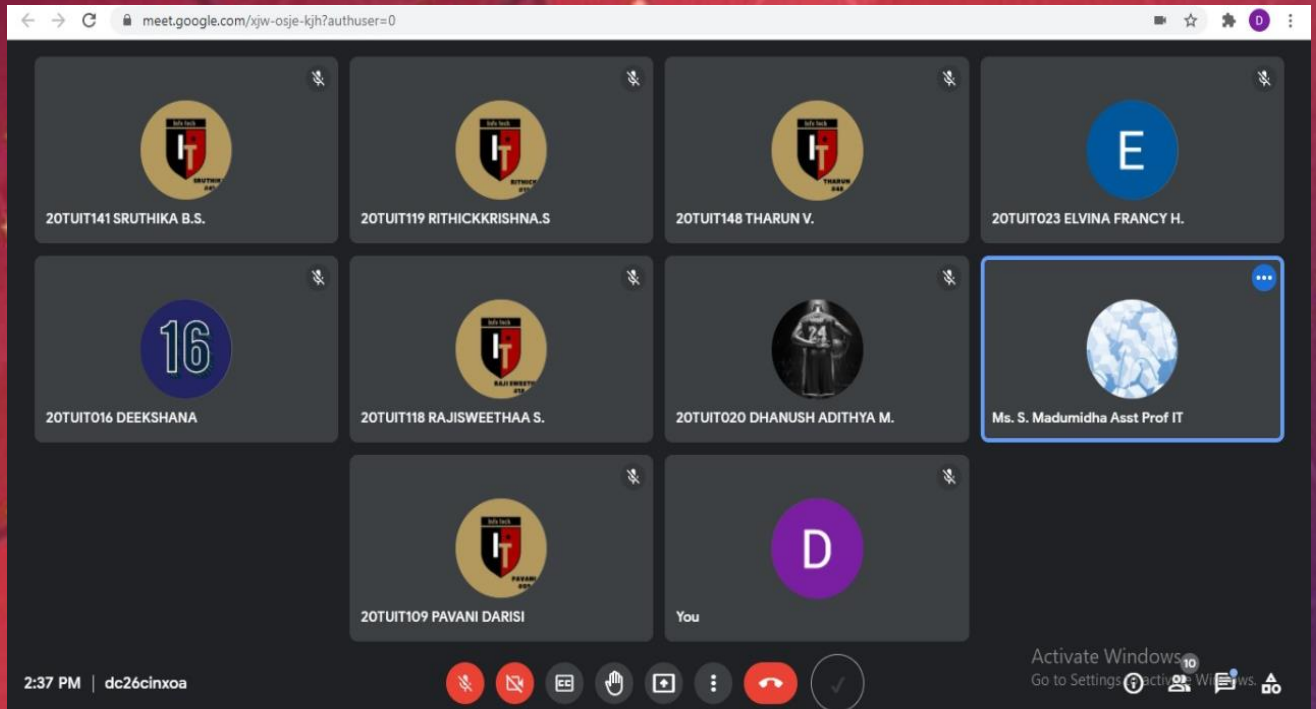
MEETINGS & DISCUSSIONS

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EEE | DEPARTEMENT MEETING

Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding the NAAC Files Completion Status and NAAC Presentation on 11 September 2021.

IT | CLASS COMMITTEE MEETING
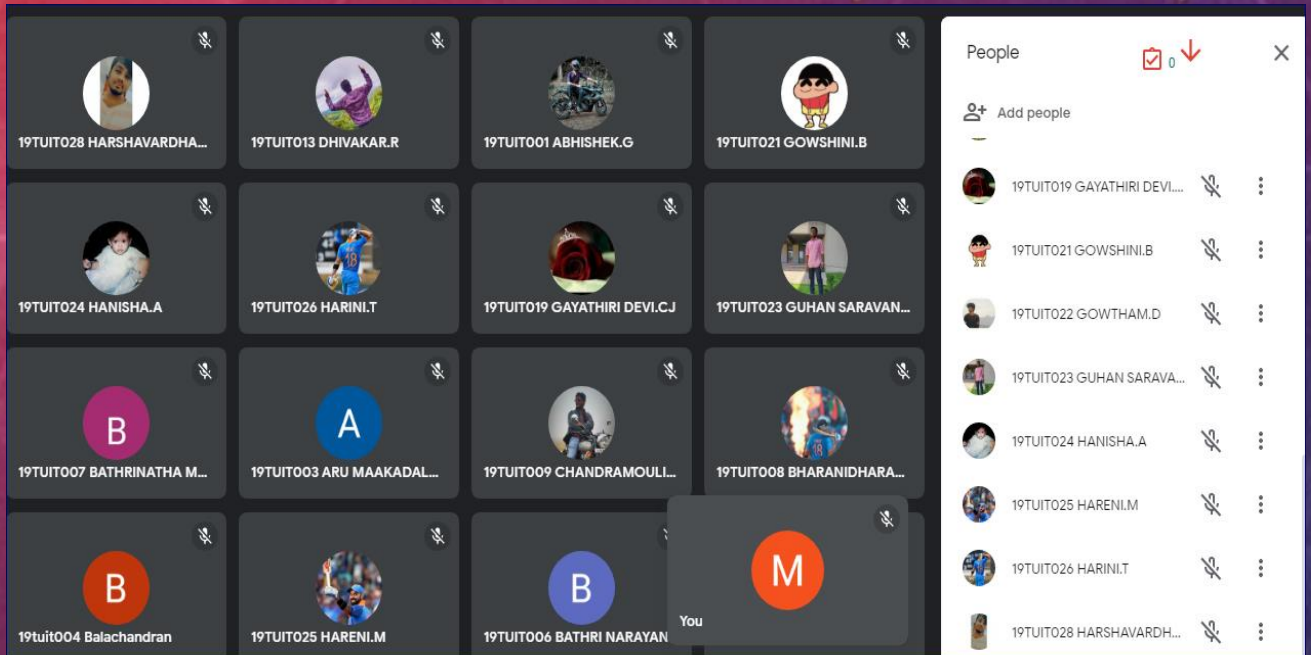
Year Coordinators of Second, Third and Final B.Tech. IT conducted a Class Committee Meeting on 11 September 2021.

EVENTS ORGANISED

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CSE | EVENT ORGANISED | WEBINAR ON CYBER SECURITY INSIGHTS, DOMAINS & OPPORTUNITIES FOR STARTUP
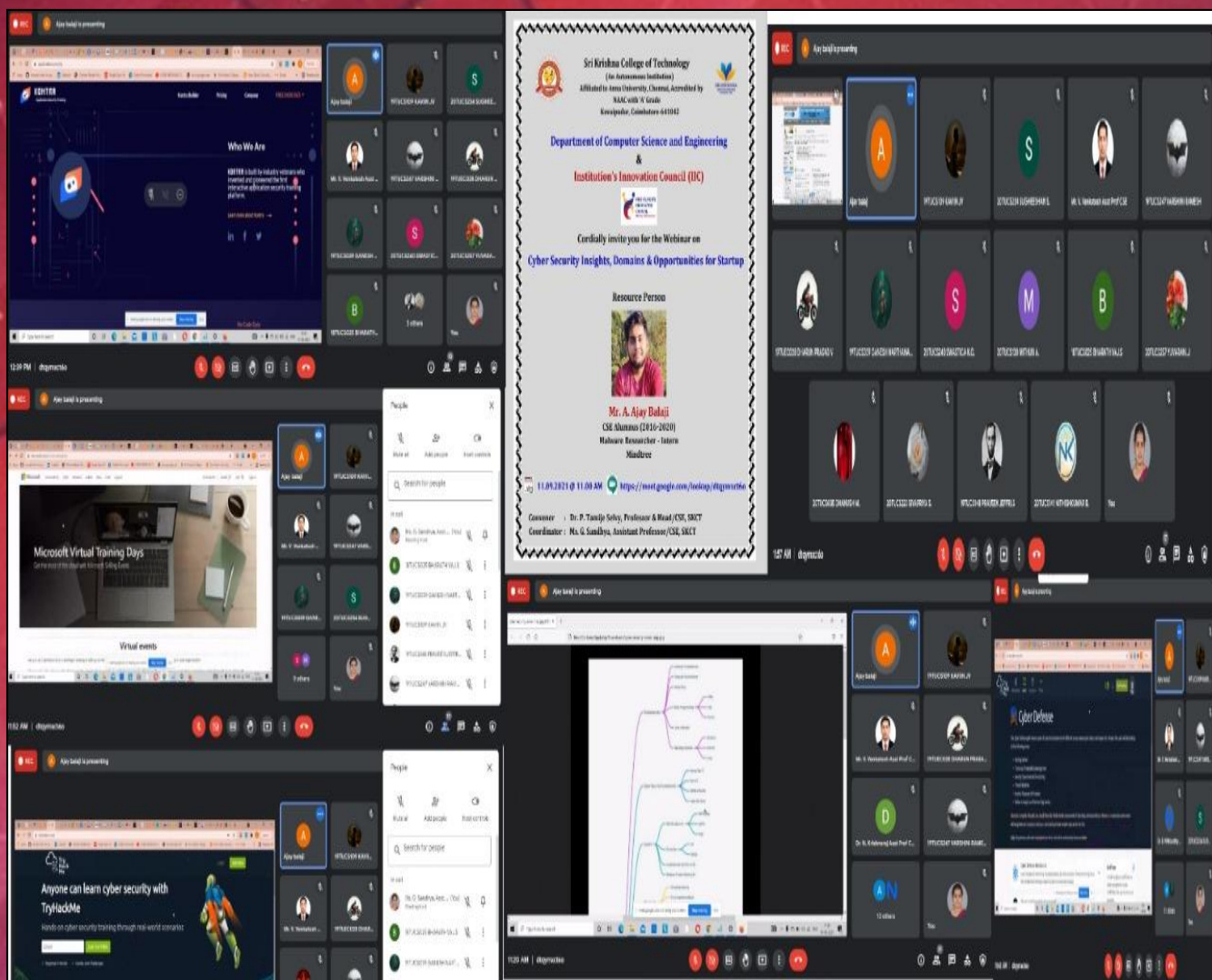
The Dept. of CSE in association with Institution's Innovation Council organised a webinar on **"Cyber Security Insights, Domains & Opportunities for Startup"** facilitated by Mr A Ajay Balaji, CSE Alumnus (Batch 2016-2020), Malware Researcher – Intern, Mindtree on 11 September 2021.

MECH | EVENT ORGANISED | WEBINAR ON EMBEDDED SYSTEMS ROLE IN AUTOMOBILES
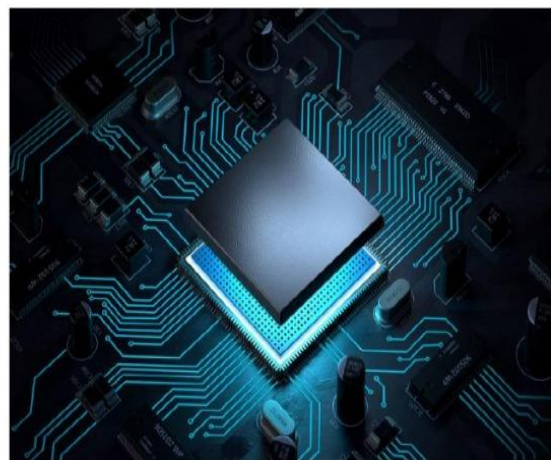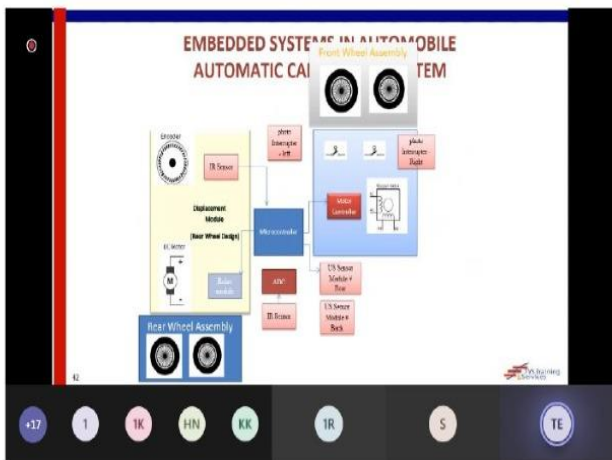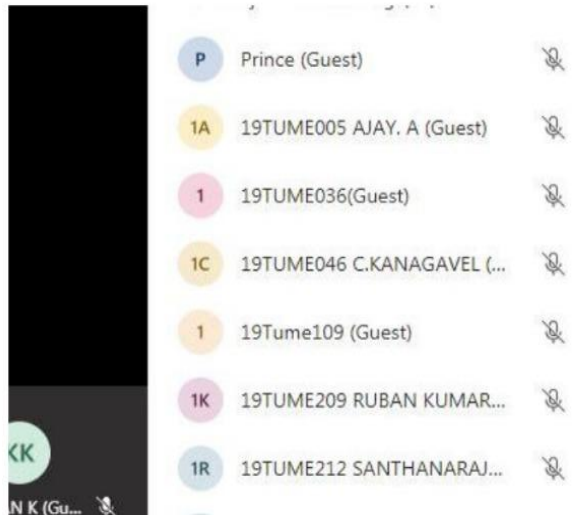
The Dept. of Mechanical Engineering and SAEINDIA SKCT Collegiate Club organised a webinar on **"Embedded Systems Role in Automobiles"** facilitated by Ms Kumari TVS Training and Services, Chennai on 11 September 2021.

IT | EVENT ORGANISED | PLACEMENT GUIDANCE PROGRAMME

The Dept. of IT and Institution Innovation's Council organised a webinar on **"Getting Started with Data Structures"** facilitated by Ms P S Sanjana, Associate Software Engineer, EY-DGS. Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, coordinated the event on 04 September 2021.
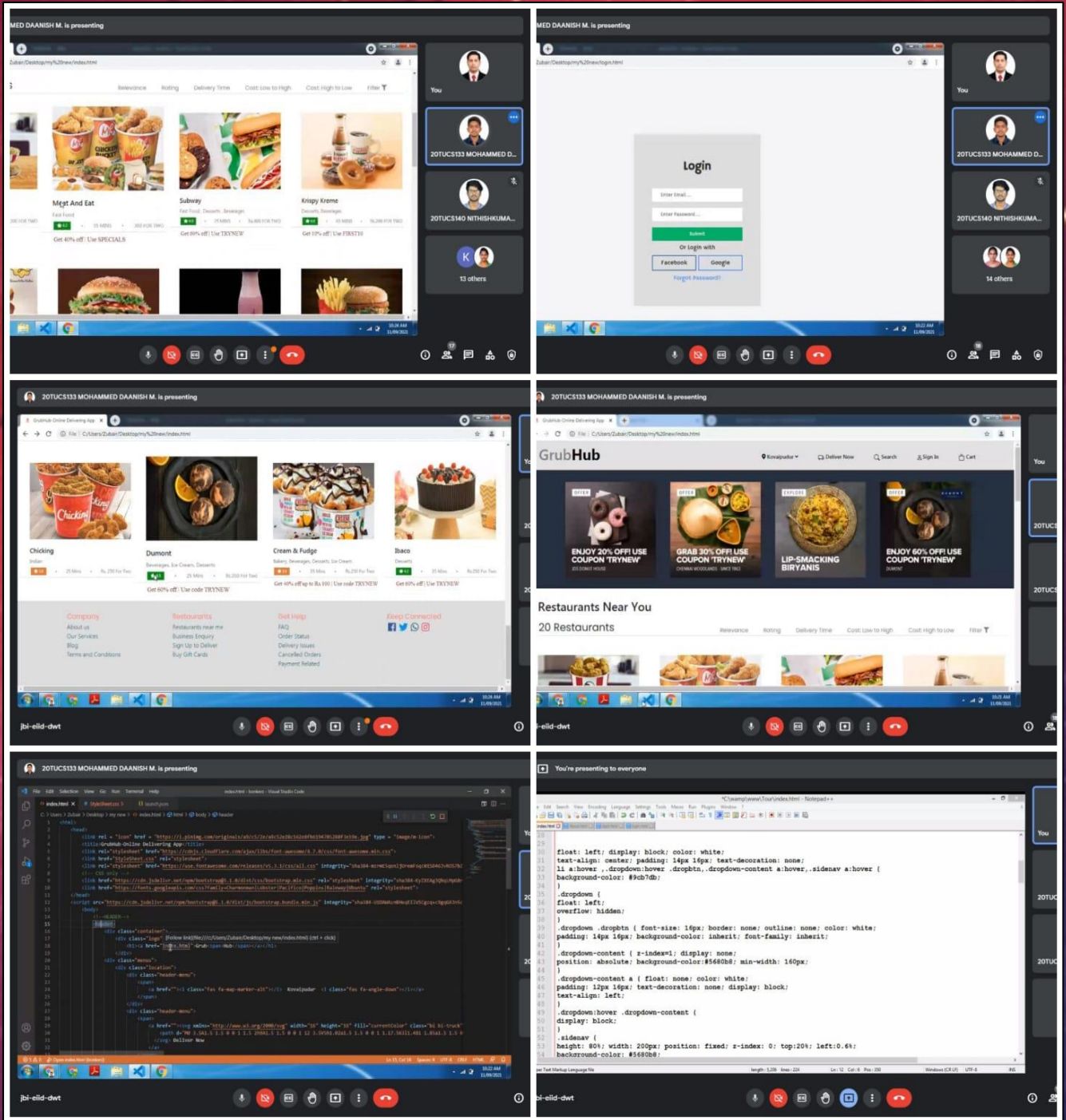
CLUB ACTIVITIES

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CSE | CLUB ACTIVITY | WEB DEVELOPMENT CLUB

The Dept. of CSE organised the **"Web Development Club Activity"** on 11 September 2021.

ECE | CLUB ACTIVITIES | THE PLANET 10

SRI KRISHNA COLLEGE OF TECHNOLOGY
AUTONOMOUS INSTITUTION | ACCREDITED BY NAAC WITH 'A' GRADE

RECORDS PRESENTS

THE PLANET 10

 # A new world to reveal your potential

We invite you to grace
auspcious event on
ELECTRIC VEHICLE

Principal
Dr.Srinivasan Alavandar

Head of the department
Dr.G.M.Tamilselvan

Year wise coordinator
Dr.K.Srinivasan

Faculty Coordinators
Dr.S.Preethi
Ms.B.Priyanka

Student coordinators
Arun.A.T
Khavya.K
Aravind.JG
Hematharishini.G

Date : 11.09.2021
Day : Saturday
Time : 3 - 4 pm
Platform : GMeet

The Planet 10 Club of the Dept. of ECE organised an event on **"Electric Vehicle"** on 11 September 2021. Dr S Preethi and Ms B Priyanka, Asst. Professors, Dept. of ECE, coordinated the event.

ECE | CLUB ACTIVITIES | TALK SHOW CLUB | DEBATE COMPETITION
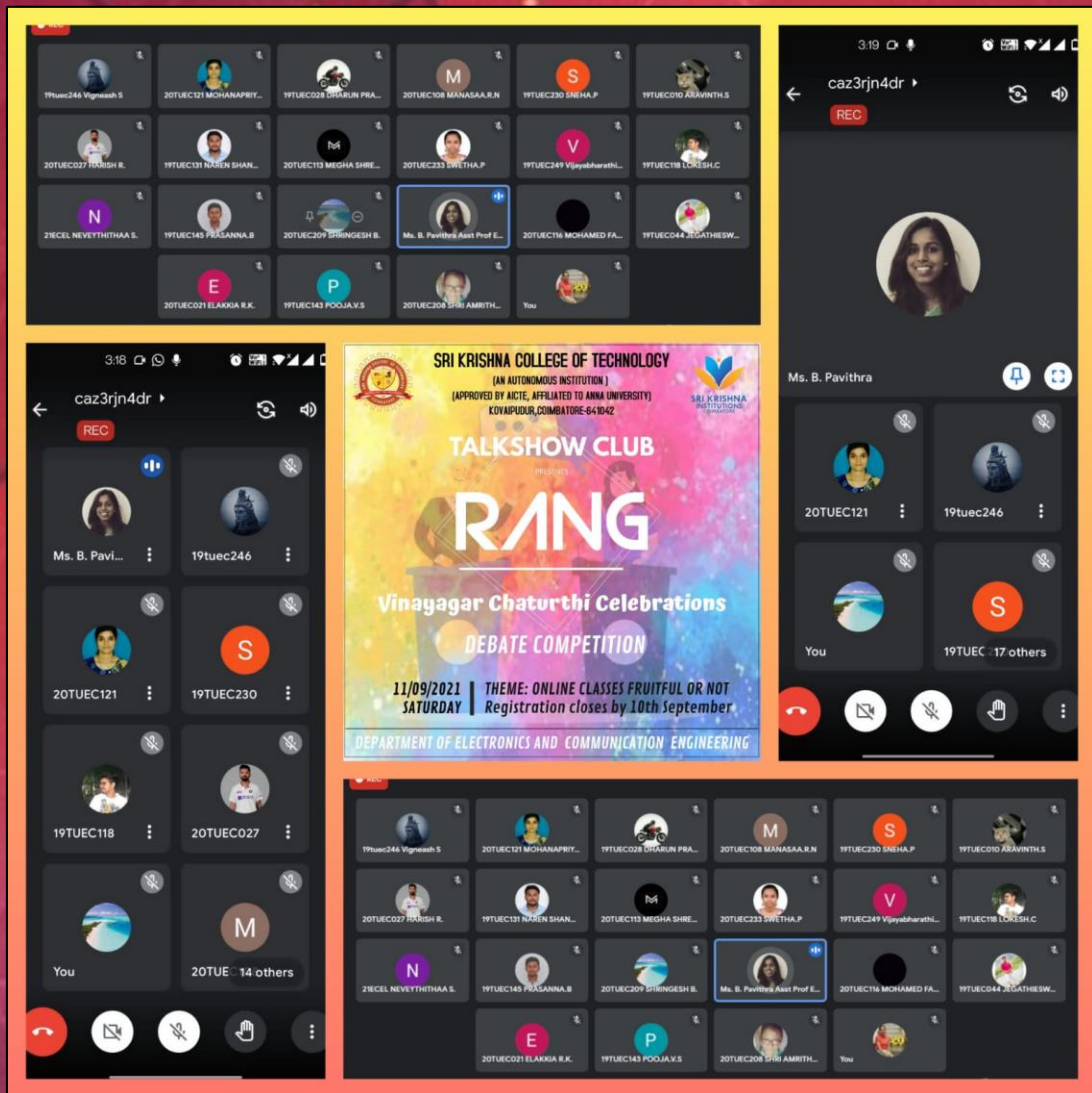
Talk Show Club of the Dept. of ECE organised a **"Debate Competition"** as a part of Ganesh Chaturthi Celebration facilitated by Ms B Pavithra, Asst. Professor, Dept. of S&H on 11 September 2021. Dr P Jayarajan, Assoc. Professor and Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, coordinated the event.

ECE | CLUB ACTIVITIES | TALK SHOW CLUB

Talk Show Club of the Dept. of ECE organised a **"Drawing Competition"** as a part of Ganesh Chaturthi Celebration on 11 September 2021. Dr P Jayarajan, Assoc. Professor and Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, coordinated the event.

ECE | CLUB ACTIVITIES | TALK SHOW CLUB