

**SKCT**

# **DIGEST**

**06 - 10 DECEMBER 2021**

**SPECIAL ISSUE - 80**

**WEEKEND  
SPECIAL**

**EDITOR - IN - CHIEF**

*Dr Srinivasan Alavandar,*

*Principal*

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*Ms S Thenmozhi, ECE*

*Ms B Pavithra, S&H*

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# **SKCT**

# **ACHIEVEMENTS**



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## SKCT | AA RATING FROM NPTEL



# Sri Krishna College of Technology

[An Autonomous Institutions | Affiliated to Anna University, Chennai]

Approved by AICTE | Accredited by NAAC

Kovaipudur, Coimbatore - 641 042



SWAYAM - NPTEL has Recognized

**SRI KRISHNA COLLEGE OF TECHNOLOGY**

has a active and valuable Local Chapter with a



ALL INDIA  
RANKS

**40<sup>th</sup>** PAN  
RANK INDIA LEVEL

**13<sup>th</sup>** TAMILNADU  
RANK LEVEL



**JAN/JULY 2021**

**4<sup>th</sup>** COIMBATORE  
RANK LEVEL

Sri Krishna College of Technology, Coimbatore received “AA Rating” from NPTEL for the performance in Online Certification Courses during January-July 2021.

## EEE | INDUSTRY CONNECT



Mr D Arjunn, Mr Logesh N, Mr K Karthikeyan, Mr R Nandhakumar, Students of Final B.E. EEE and Dr P Santhosh, Asst. Professor and Project Supervisor visited Pinnacle Lithium Power, Chinnampalayam, Coimbatore for **“Project Discussion”** on 02 December 2021.

## SKCT | NEWS | CAPEGEMINI MOU WITH SRI KRISHNA INSTITUTIONS

ஸ்ரீ கிருஷ்ணா பொறியியல் கல்லூரி  
கேப்ஜெமினி நிறுவனத்துடன் ஒப்பந்தம்



புரிந்துணர்வு ஒப்பந்தம் கையொப்பமிடும் நிகழ்வில் பங்கேற்ற கிருஷ்ணா கல்லூரி நிர்வாக அறங்காவலர் எஸ்.மலர்விழி, கேப்ஜெமினி, கல்லூரி நிர்வாகிகள், பேராசிரியர்கள்.

கோவை, டிச. 6: கோவை, குனியமுத்தூர் ஸ்ரீ கிருஷ்ணா பொறியியல், தொழில்நுட்பக் கல்லூரி, கேப்ஜெமினி நிறுவனம் ஆகியவற்றுக்கு இடையே புரிந்துணர்வு ஒப்பந்தம் மேற்கொள்ளப்பட்டுள்ளது.

இது தொடர்பாக கல்லூரி நிர்வாகம் கூறியிருப்பதாவது: குனியமுத்தூர் ஸ்ரீ கிருஷ்ணா பொறியியல் கல்லூரி மாணவர்களுக்கு எம்பெட்டேட் துறையில் பயிற்சி வழங்கி அவர்களின் தொழில் திறனை வளர்ப்பது, ஆசிரியர்களுக்குப் பயிற்சி வழங்குவது, இதன் மூலம் வேலைக்கான வாய்ப்பை அதிகரிப்பது ஆகியவற்றை நோக்கமாகக் கொண்டு கேப்ஜெமினி நிறுவனத்துடன் ஸ்ரீ கிருஷ்ணா கல்லூரி புரிந்துணர்வு ஒப்பந்தம் செய்துள்ளது.

இதற்கான புரிந்துணர்வு ஒப்பந்தத்தில் கல்விக் குழுமங்களின் நிர்வாக அறங்காவலர் எஸ்.மலர்விழி, கேப்ஜெமினி நிறுவனத்தின் நிர்வாக இயக்குநர் சந்திரா ரெட்டி, துணைத் தலைவர் ஜெகதீஷ் குஞ்சம், நிர்வாக துணைத் தலைவர் பிரசாத் ஷெட்யே ஆகியோர் கையொப்பமிட்டுள்ளனர். நிகழ்ச்சியில் கல்லூரி முதல்வர் ஜே.ஜேனட், இ.சி.இ. துறைத் தலைவர் எஸ்.சோபியா உள்ளிட்டோர் பங்கேற்றனர்.

The Capegemini Engineering signed an MoU with Sri Krishna Institutions on “**Full Stack Java and Embedded Domains**” at Capegemini Office, Bangalore on 29 November 2021. The MoU was signed by Smt S Malarvizhi, Our Beloved Chairperson and Managing Trustee and Chandra Reddy, Managing Director, Capegemini Engineering.

# STUDENTS' PARTICIPATIONS



@skctdigest

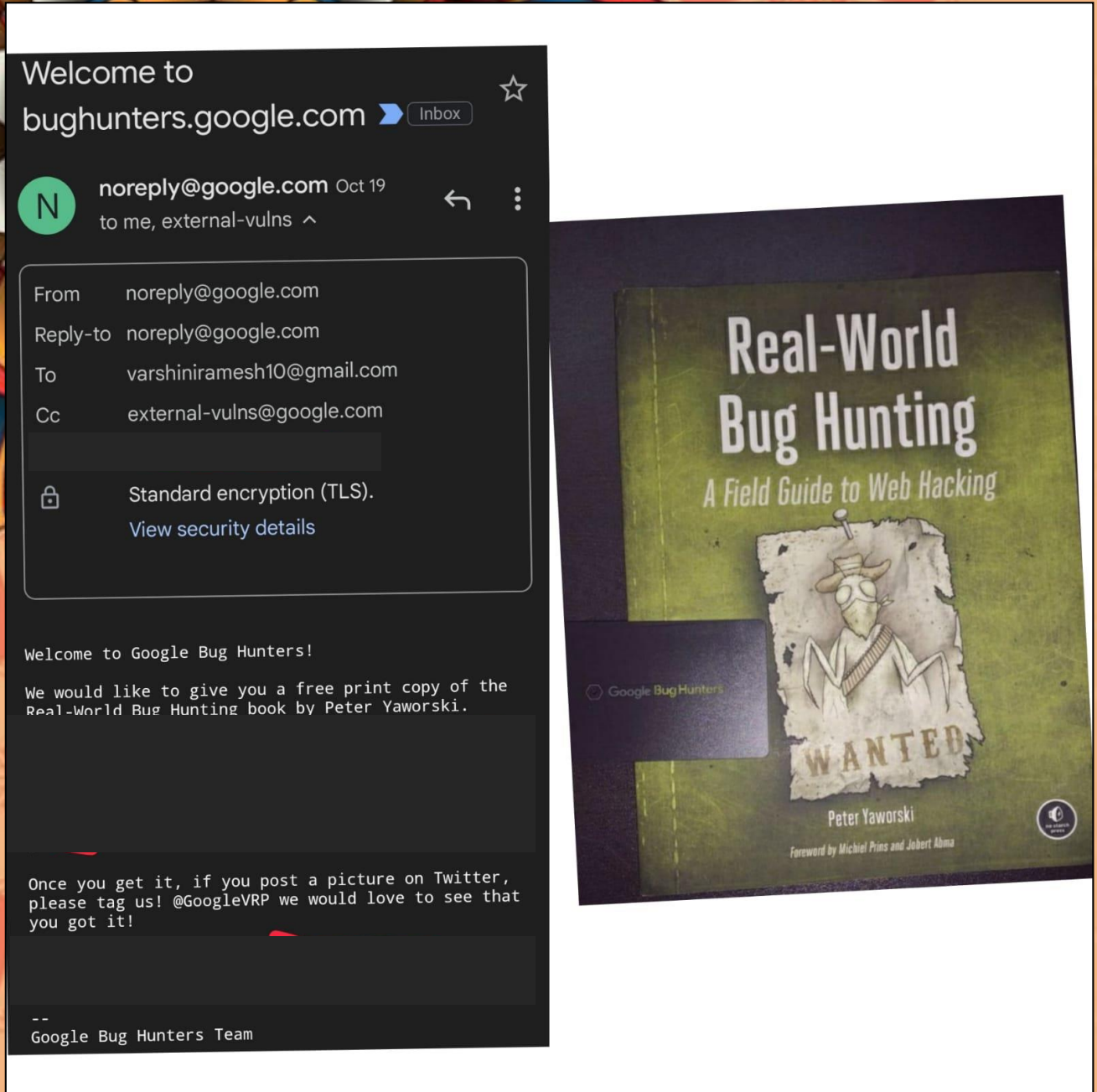


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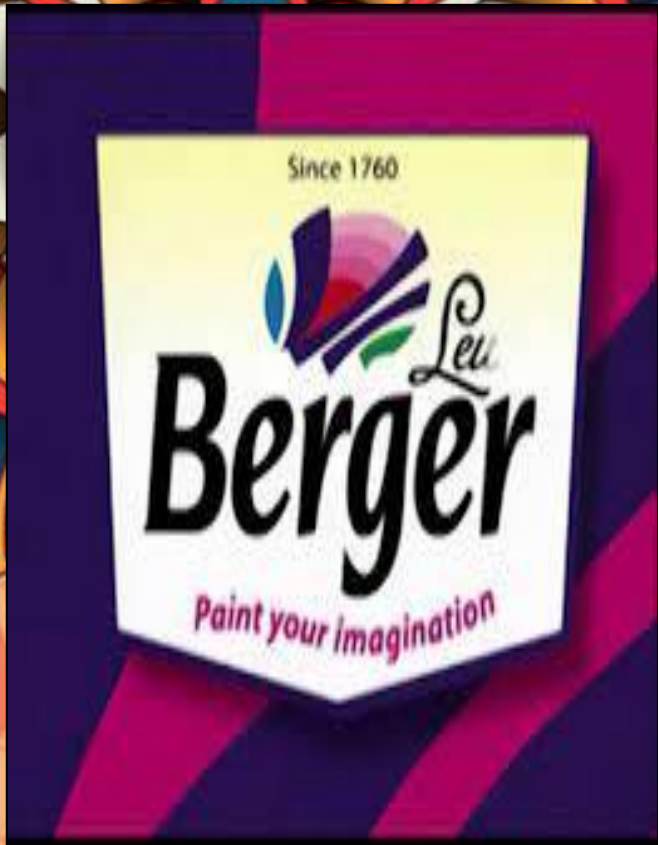
## CSE | STUDENT ACHIEVEMENT | AWARD FROM GOOGLE



Ms Varshini Ramesh, Student of Third B.E. CSE C section, has been awarded with a book on “**Real - World Bug Hunting**” from Google for finding a bug in Google.



**SoM | STUDENTS' ACHIEVEMENT | STUDENTS'  
PLACEMENT OFFER**



Mr Hemanth and Mr Arun, Students of Second MBA, have been shortlisted as HR Intern in **"Sierra Digital"** on 04 December 2021.

## CSE | STUDENT ACHIEVEMENT | TOP SCORE IN TCS CODING NINJAS



Hi G K VIGNESH ,

Congratulations for excelling in **Code Kaze'21**. The event witnessed **Ninjas** from **India's Premier Tech Institution** go head-to-head with each other to crown the best coders.

Based on your performance in the event, you are eligible for a cash reward under the following category - **College Topper - Rank 3**. We have allocated the highest value of rewards based on the respective categories.

You are eligible for a cash prize of **Rs. 2000**

Request you to fill the details here - <https://forms.gle/d95kY1NgvJV1uQjW9>

In case you're eligible for an internship interview you will receive another mail for the same.



Hi G K VIGNESH,

Congratulations!

You have been selected for the Internship Selection process, on the basis of your performance in CodeKaze'21.

Please fill the details here - <https://forms.gle/k52MtzvFnPH3BdYK7>

Our team of experts will go through your resume and you will get a call only if your resume is selected for the particular profile.

All the Best!

Happy **Coding**,  
Team **Coding Ninjas**

If you wish to unsubscribe from our newsletter, click [here](#)

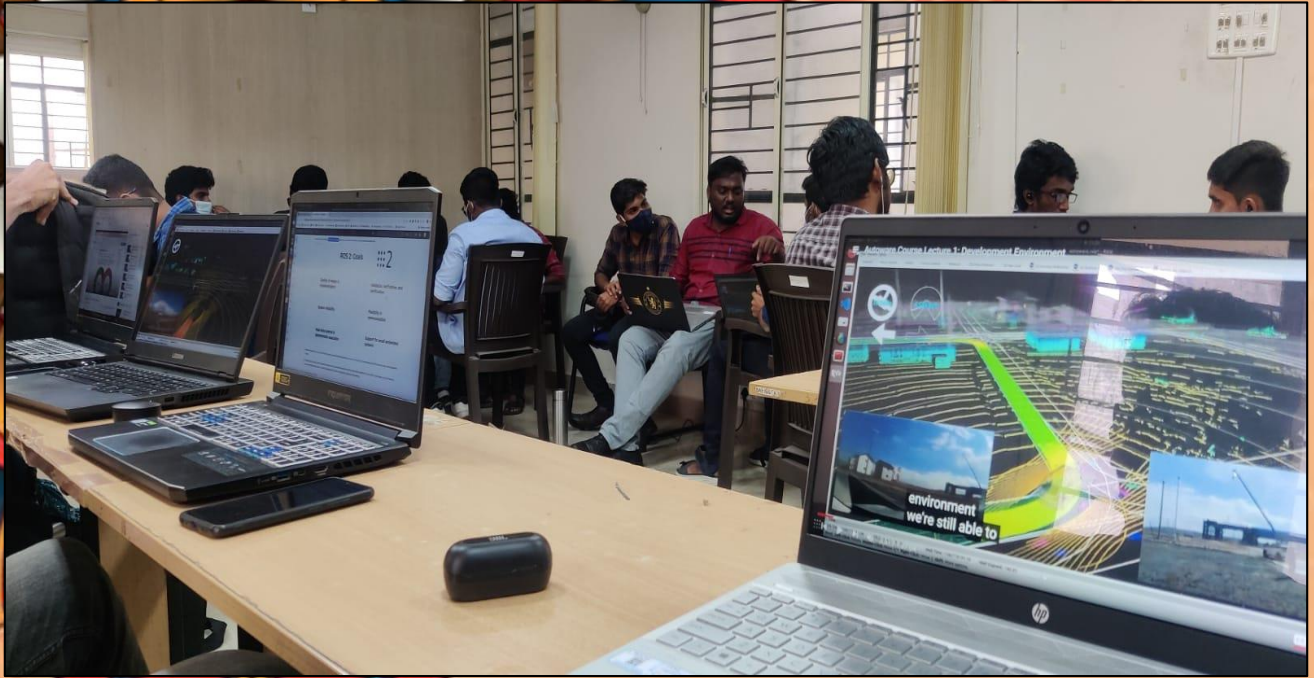
Mr G K Vignesh, Student of Third B.E. CSE C section, has been selected for an **“Internship Programme”** based on his performance in CodeKaze21. He secured Third Rank in the event and has been awarded with a cash price of 2000 INR.

## MECH | STUDENTS' PARTICIPATION | SAE WORKSHOP ON BICYCLE DESIGN



Mr M Sri Pragash, Mr A P Vijayandrahari, Mr C Ruban Kumar, Mr S R Santharaja, Mr S Santhosh Balaji and Mr S Sujith, Students of Third B.E. Mechanical Engineering, attended a Two-day Workshop on “**Bicycle Design**” organised by SAEINDIA Southern Section as a part of Bicycle Design Competition-2021 at Knowledge Institute of Technology, Salem during 05-06 December 2021.

## MECH | STUDENTS' PARTICIPATION | SAE WORKSHOP ON SELF DRIVING CAR CHALLENGE



Mr K Siva and Mr S Purushothaman, Students of B.E. Mechanical Engineering, participated in a program on “**Self Driving Car Challenge (SDCC)**” organised by SAEINDIA Southern Section, Chennai. Mr Kaasi Raja, SAE Officer and Mr Alaguvel Armstrong, Chairman of SAE Southern Section, facilitated the session on 06 December 2021.

## MECH | STUDENTS' PARTICIPATION | SAE WORKSHOP ON SELF DRIVING CAR CHALLENGE



### SELF DRIVING CARS WITH ROS AND AUTOWARE COURSE LECTURE - 04

SRI KRISHNA COLLEGE OF TECHNOLOGY  
AUTONOMOUS AIRBENDERS  
SIVA K.  
PURUSOTHAMAN S

#### CONTENT

- ❖ HARDWARE AND ELECTRONIC CONTROL UNIT
- ❖ WHAT IS AN OPERATING SYSTEM (OS)
- ❖ WHAT MAKES AN OS A REAL TIME OPERATING SYSTEM: RTOS
- ❖ WHAT ARE THE KEY CRITERIA TO CONSIDER INTO A RTOS
- ❖ WHAT ARE THE MAIN RTOS IN THE AUTOMOTIVE
- ❖ WHAT ABSTRACTION LEVELS ARE TO BE CONSIDERED => POSIX / DDS / ROS / VIRTUALIZATION
- ❖ DDS

#### ELECTRONIC CONTROL UNIT

##### WHATS ECU?

AN ELECTRONIC CONTROL UNIT (ECU) IS A SMALL DEVICE IN A VEHICLE'S BODY THAT IS RESPONSIBLE FOR CONTROLLING A SPECIFIC FUNCTION

- ❖ MORE THAN 80 ECU ARE USED IN SAE LEVEL 2 SAE VEHICLE

##### SOME OF THE DOMAINS ARE :-

AUDIO, VIDEO, NAVIGATION, DETECTORS, CONTROLLERS, MOTOR CONTROL, ADVANCED ASSISTANCE SYSTEM (ADAS), AUTONOMOUS DRIVING (AD), CONNECTIVITY, EMERGENCY CALL, COMFORT

#### APPLICATIONS PROCESSORS:-

- SENSOR FUSION
- PERCEPTION
- PLANNING
- CONTROLS

#### SAFETY PROCESSOR :-

- LOCK STEP
- SAFETY ISO26262
- ASIL LEVEL

#### ACCELERATOR UNITS:-

- COMPUTE ACCELERATION



Mr K Siva and Mr S Purushothaman, Students of B.E. Mechanical Engineering, presented a project on “**Self Driving Cars With ROS and Autoware Course**” in a program on Self Driving Car Challenge (SDCC) organised by SAEINDIA Southern Section, Chennai on 07 December 2021.

## CIVIL | STUDENTS' PARTICIPATION | NATIONAL POLLUTION PREVENTION DAY



Mr Sampruth Pirabakar, Mr Naveen Raj, Mr Erainithi, Mr Sharan Karthick, Mr AbuTariq, Ms Sivapriya and Ms Keerthi, Students of B.E. Civil Engineering, organised various activities to the Students of R K V Matriculation Higher Secondary School, Kovaipudur as part of “National Pollution Prevention Day” on 02 December 2021.

## CSE | STUDENTS' ACHIEVEMENT | HOUR OF PLACEMENT RESULTS 2023

Dear All ,

PFA results of 2023 Hour of Placement results that happened on 9th Dec 2021.

**Total attended count-355**

CSE -88

IT -43

ECE -80

EEE -27

MECH -96

ICE-21

-----  
**Toppers** 🏆🏆🎉🎉

Nivethitha Ravichandran (19TUCS141)-CSE

JV kaviin Vijayanand (19TUCS109)-CSE

JENIFER CHRISTOPHER (19TUEC045)-ECE

Saranya MURTHI (19TUEC214)-ECE

YOGESWARAN SELVARAJ (19TUIT154)-IT

Ms Nivethitha Ravichandran and Mr J V Kaviin Vijayanand, Students of Third B.E. CSE B section, secured the **“First and Second Rank”** out of 355 Students in Hour of Placement Test conducted on 09 December 2021.

## SoM | PLACEMENT ACTIVITIES | OPPO CAMPUS DRIVE



The Students of Second MBA attended “**OPPO Campus Placement Drive**” at SKCT Campus, Coimbatore on 06 December 2021.



## EEE | STUDENTS PARTICIPATION | ANNUAL PERFORMANCE RESULT ANNOUNCEMENT



The Students from the Dept. of EEE attended the “**IIC (2020-21) Annual Performance Result Announcement**” session on 01 December 2021.

**CIVIL | STUDENTS' PARTICIPATION | NATIONAL POLLUTION PREVENTION DAY**



The Students of Second and Third B.E. Civil Engineering took “Integrity Pledge” on 03 December 2021.

# ***FACULTY PARTICIPATIONS***



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# IT | PH.D. VIVA-VOCE EXAMINATION



Ms G Lavanya, Assoc. Professor, Dept. of IT, attended a “Ph.D. Viva-Voce Examination” on 07 December 2021.

# MECH | FACULTY ACHIEVEMENT | BEST SENIOR FACULTY AWARD



Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, has been awarded with the “**Best Senior Faculty Award**” by Novel Research Academy, ISO Certified on 05 December 2021.

# MECH | FACULTY ACHIEVEMENT | BEST YOUNG SCIENTIST AWARD



Dr S Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, has been awarded with the "Best Young Scientist Award" by Novel Research Academy, ISO Certified on 06 December 2021.

# MECH | FACULTY ACHIEVEMENT | BEST YOUNG FACULTY AWARD



Dr S Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, has been awarded with the “**Best Young Scientist Award**” by Novel Research Academy, ISO Certified on 06 December 2021.

## ECE | FACULTY ACHIEVEMENT | GUEST LECTURE DELIVERED | EMERGING APPLICATIONS OF MILLIMETER WAVE TECHNOLOGY



**Nehru Arts and Science College**  
(An Autonomous Institution affiliated to Bharathiar University)  
(Reaccredited with "A" Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified  
Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)  
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.



**School of Computational Sciences**  
**Department of Electronics and Communication Systems**

Cordially invite you for the

**DBT Star College Scheme Sponsored**

**Faculty Refresher Program On**

**Emerging Applications of Millimeter Wave Technology**

Date: 02-12-2021 Time: 02:00 PM

 Google meet link : fwk-nrsk-ebj

Resource Person

**Dr. R. Vadivelu, M. Tech., Ph. D.**

Associate Professor  
Department of Electronics and Communication Engineering  
Sri Krishna College of Technology  
Coimbatore - 641 042



Dr. S. Kannan  
Program Coordinator

Dr. M. Sathishkumar  
Convener & HoD

Dr. K. Selvavinayaki  
Dean

Dr. B. Anirudhan  
Principal



**NEHRU ARTS AND SCIENCE COLLEGE**  
(An Autonomous Institution affiliated to Bharathiar University)  
(Reaccredited with "A" Grade by NAAC, ISO 9001:2015 & 14001:2004 Certified  
Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)  
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.



**Certificate of Appreciation**

This is present to

**Dr. R. VADIVELU**

Associate Professor  
Department of Electronics and Communication Engineering  
Sri Krishna College of Technology  
Kovaiipudur, Coimbatore - 641 042

For sharing his valuable knowledge as a **Guest Speaker** in **Faculty Refresher Program** on  
**"Emerging Applications of Millimeter Wave Technology"**, Organized by School of  
Computational Sciences, Department of Electronics and Communication Systems,  
**Nehru Arts and Science College (Autonomous), Coimbatore** on 02<sup>nd</sup> December 2021.



**Dr. M. Sathishkumar**  
Convener & HoD



**Dr. B. Anirudhan**  
Principal

Dr R Vadivelu, Assoc. Professor, Dept. of ECE, delivered an online Guest Lecture on **"Emerging Applications of Millimeter Wave Technology"** in an FDP organised by School of Computational Sciences, Dept. of Electronics and Communication Systems, Nehru Arts and Science College (Autonomous), Coimbatore on 02 December 2021.



# IT | FACULTY ACHIEVEMENT | NPTEL DISCIPLINE STAR | JULY-DECEMBER 2021



## CERTIFICATE OF APPRECIATION TO

**R.SUGANYA**

Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR

JUL-DEC 2021

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

**NPTEL DISCIPLINE STAR**

Candidate has to be certified in courses of same discipline, completed more than 50 weeks of learning, final score in each subject >= 55



Dr R Suganya, Assoc. Professor, Dept. of IT, has been awarded “NPTEL Discipline Star” during July-December 2021.

## CSE | FACULTY ACHIEVEMENT | PAPER PRESENTATION | INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING MANAGEMENT



### DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)  
(Recognized under section 2(f) and 12(B) of the UGC Act)

**COIMBATORE - 641 105**  
[www.dsce.ac.in](http://www.dsce.ac.in)



### INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING & MANAGEMENT 2021

## CERTIFICATE

This is to certify that Prof. /Dr. /Mr. / Ms. SRUTHI M.S  
Department of COMPUTER SCIENCE AND ENGINEERING. has Participated / Presented a Paper entitled  
CAR PARKING MANAGEMENT SYSTEM USING RASPBERRY - PI  
in the International Conference on Emerging Trends in Engineering Management on 18.11.2021.

  
**DEAN ACADEMIC**

  
**PRINCIPAL**

Organized by  
Department of AI&DS, BME, CIVIL, CSE, CS&BS,  
ECE, EEE, FT, MECH & MBA

In association with  
IEEE, ISTE, IETE, ISME, ICI, IANG, CII-YUVA & CSI

CS Scanned with CamScanner

Ms M S Sruthi, Asst. Professor, Dept. of CSE, presented a paper on  
“**Car Parking Management System using Raspberry PI**” in an  
International Conference on Emerging Trends in Engineering  
Management-2021 organised by Dhanalakshmi Srinivasan College of  
Engineering, Coimbatore on 18 November 2021.

## CSE | PAPER PRESENTATION | INTERNATIONAL CONFERENCE ON ICECA-2021



### *Certificate of Presentation*

This is to certify that

**Suganya T**

has presented a paper entitled

**Optimized Deep Convolutional Generative Adversarial Network for Tomato Leaf Disease Identification**

in the 5<sup>th</sup> International Conference on

Electronics, Communication and Aerospace Technology (ICECA - 2021)

organized by RVS Technical Campus, Coimbatore, India on 2-4, December 2021.

  
Session Chair

  
Dr. S Smys  
Conference Chair

  
Dr. S. Vijayan  
Principal

Ms T Suganya, Asst. Professor, Dept. of CSE, presented a paper on **“Optimized Deep Convolutional Generative Adversarial Network for Tomato Leaf Disease Identification”** in the 5th International Conference on ICECA-2021 organised by RVS Technical Campus during 02-04 December 2021.

## CSE | ONLINE CERTIFICATION ON INTRODUCTION TO NATURAL LANGUAGE PROCESSING



### CERTIFICATE OF COMPLETION

Presented to

**Dr S Siamala Devi**

For successfully completing a free online course  
Introduction to Natural Language Processing

Provided by  
Great Learning Academy  
(On Dec 2021)

To verify this certificate visit [verify.greatlearning.in/LKCVLLIQW](http://verify.greatlearning.in/LKCVLLIQW)



Dr S Siamala Devi, Assoc. Professor, Dept. of CSE, completed an online course on **“Introduction to Natural Language Processing”** offered through Great Learning Academy in December 2021.

# IT | ONLINE CERTIFICATION | IBM | THE LINUX FOUNDATION

06/12/2021, 12:46 IBM PY0101EN Certificate | edX

**Verified Certificate**



This is to certify that

**Dr R Vidhya**


successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santarcangelo  
Data Scientist  
IBM



**Verified Certificate**  
Issued December 2, 2021

**Valid Certificate ID**  
[eba8d70db0b945f28c29e0f071faf4c5](#)

06/12/2021, 12:47 IBM Cybfun.1.0 Certificate | edX

**Verified Certificate**


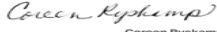
This is to certify that

**Dr R Vidhya**


successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.

Coeren Ryskamp  
Program Manager, IBM Security Learning Services  
IBM



**Verified Certificate**  
Issued December 2, 2021

**Valid Certificate ID**  
[fc0e477fa75d40beaae71e3e5f7e8084](#)

06/12/2021, 12:48 LinuxFoundationX LFS170x Certificate | edX

**Verified Certificate**


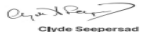
This is to certify that

**Dr R Vidhya**


successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Seepersad  
SVP & General Manager, Training & Certification  
The Linux Foundation



**Verified Certificate**  
Issued December 2, 2021

**Valid Certificate ID**  
[b0e4f2674fbc49baa811cda2019b553d](#)

Dr R Vidhya, Asst. Professor, Dept. of IT, completed online courses offered by “IBM & The Linux Foundation” through edX.

**MECH | ONLINE CERTIFICATION ON CAPM****Declaration of Completion****SIVARAMAN PARTHASARATHI**

has successfully completed the online course:

**CAPM®**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

03<sup>rd</sup> Dec 2021

Certificate code : 3075508

  
Krishna Kumar  
CEO

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed an online course on **“CAPM Certified Associate in Project Management”** offered through SkillUP Simplilearn on 03 December 2021.

**CIVIL | FACULTY PARTICIPATION | SAVE AND RESTORE OUR BELOVED MOTHER EARTH PLEDGE**

# Save and Restore Our Beloved Mother Earth Pledge

This is to certify that

Aravind T P A

has taken "Save and Restore Our Beloved Mother Earth Pledge" on the occasion of Earth Day & committed himself/herself to put all sincere efforts to help conserve the environment by adopting good green practices in every sphere of life.

6759375722



December, 01 2021



Mr Aravind T P A, Asst. Professor, Dept. of Civil Engineering, took a Pledge on "Save and Restore Our Beloved Mother Earth Pledge" as a part of Earth Day on 01 December 2021.

# CIVIL | FACULTY PARTICIPATION | INTEGRITY PLEDGE



  
 सत्यमेव जयते  
 CENTRAL VIGILANCE COMMISSION

*Certificate of Commitment*

This is to certify that

**Shri ROBINSON**


has adopted the Integrity Pledge and is committed to uphold highest standards of honesty & integrity and to follow probity and rule of law in all walks of life

  
 P. Daniel  
 Additional Secretary

  
 6327833646

Central Vigilance Commission, Satarkta Bhawan, G.P.O. Complex, INA, New Delhi-110023  
 Tel: 011- 24600200 (30 Lines), Fax No. 011- 24651010/24651186, Website: www.cvc.nic.in



  
 सत्यमेव जयते  
 CENTRAL VIGILANCE COMMISSION


*Certificate of Commitment*

This is to certify that

**Smt VENNILA**

has adopted the Integrity Pledge and is committed to uphold highest standards of honesty & integrity and to follow probity and rule of law in all walks of life

  
 P. Daniel  
 Additional Secretary

  
 5262945223

Central Vigilance Commission, Satarkta Bhawan, G.P.O. Complex, INA, New Delhi-110023  
 Tel: 011- 24600200 (30 Lines), Fax No. 011- 24651010/24651186, Website: www.cvc.nic.in



  
 सत्यमेव जयते  
 CENTRAL VIGILANCE COMMISSION

*Certificate of Commitment*

This is to certify that

**Miss DHARSANA S**

has adopted the Integrity Pledge and is committed to uphold highest standards of honesty & integrity and to follow probity and rule of law in all walks of life

  
 P. Daniel  
 Additional Secretary

  
 3822762946

Central Vigilance Commission, Satarkta Bhawan, G.P.O. Complex, INA, New Delhi-110023  
 Tel: 011- 24600200 (30 Lines), Fax No. 011- 24651010/24651186, Website: www.cvc.nic.in



  
 सत्यमेव जयते  
 CENTRAL VIGILANCE COMMISSION

*Certificate of Commitment*

This is to certify that

**Dr V SATHISH KUMAR**

has adopted the Integrity Pledge and is committed to uphold highest standards of honesty & integrity and to follow probity and rule of law in all walks of life

  
 P. Daniel  
 Additional Secretary

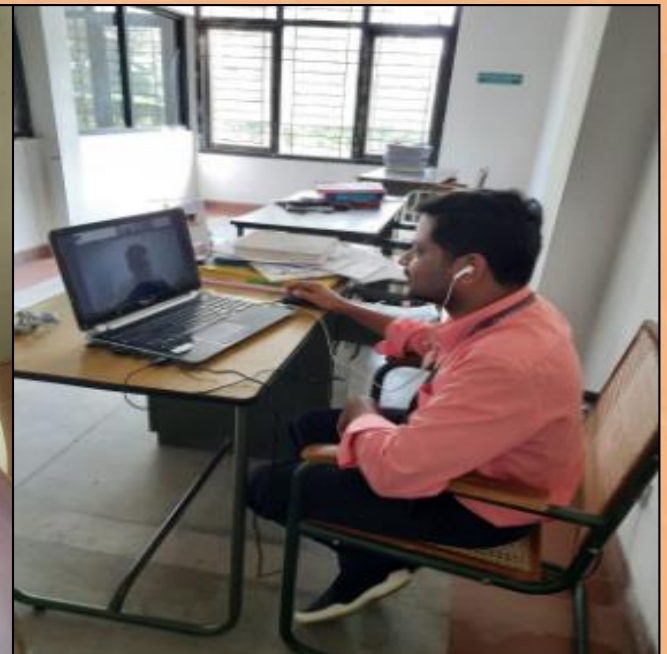
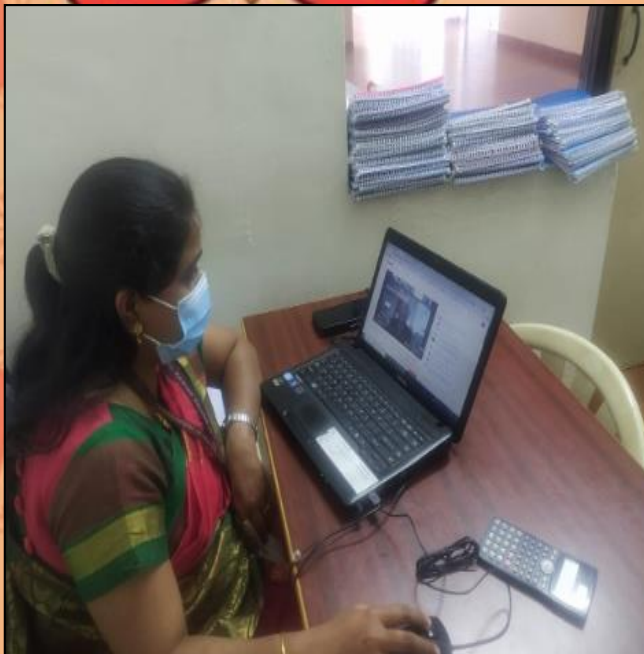
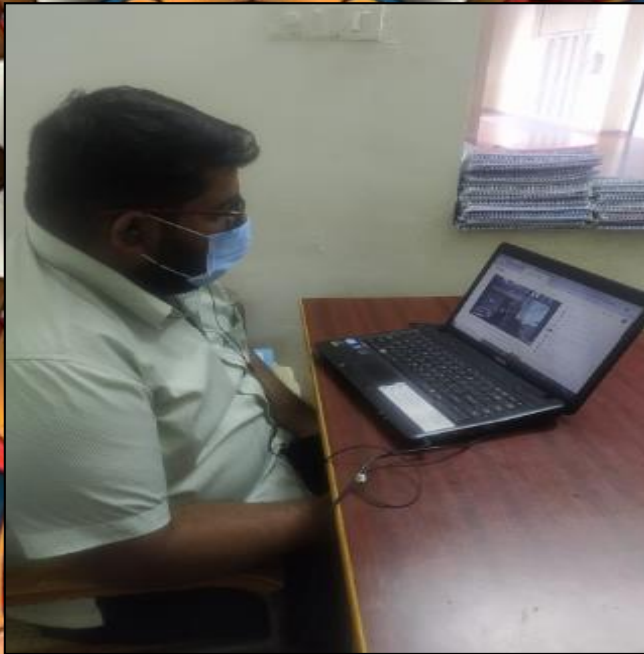
  
 4793265428

Central Vigilance Commission, Satarkta Bhawan, G.P.O. Complex, INA, New Delhi-110023  
 Tel: 011- 24600200 (30 Lines), Fax No. 011- 24651010/24651186, Website: www.cvc.nic.in

The Members of Faculty from the Dept. of Civil Engineering took “Integrity Pledge” on 03 December 2021.

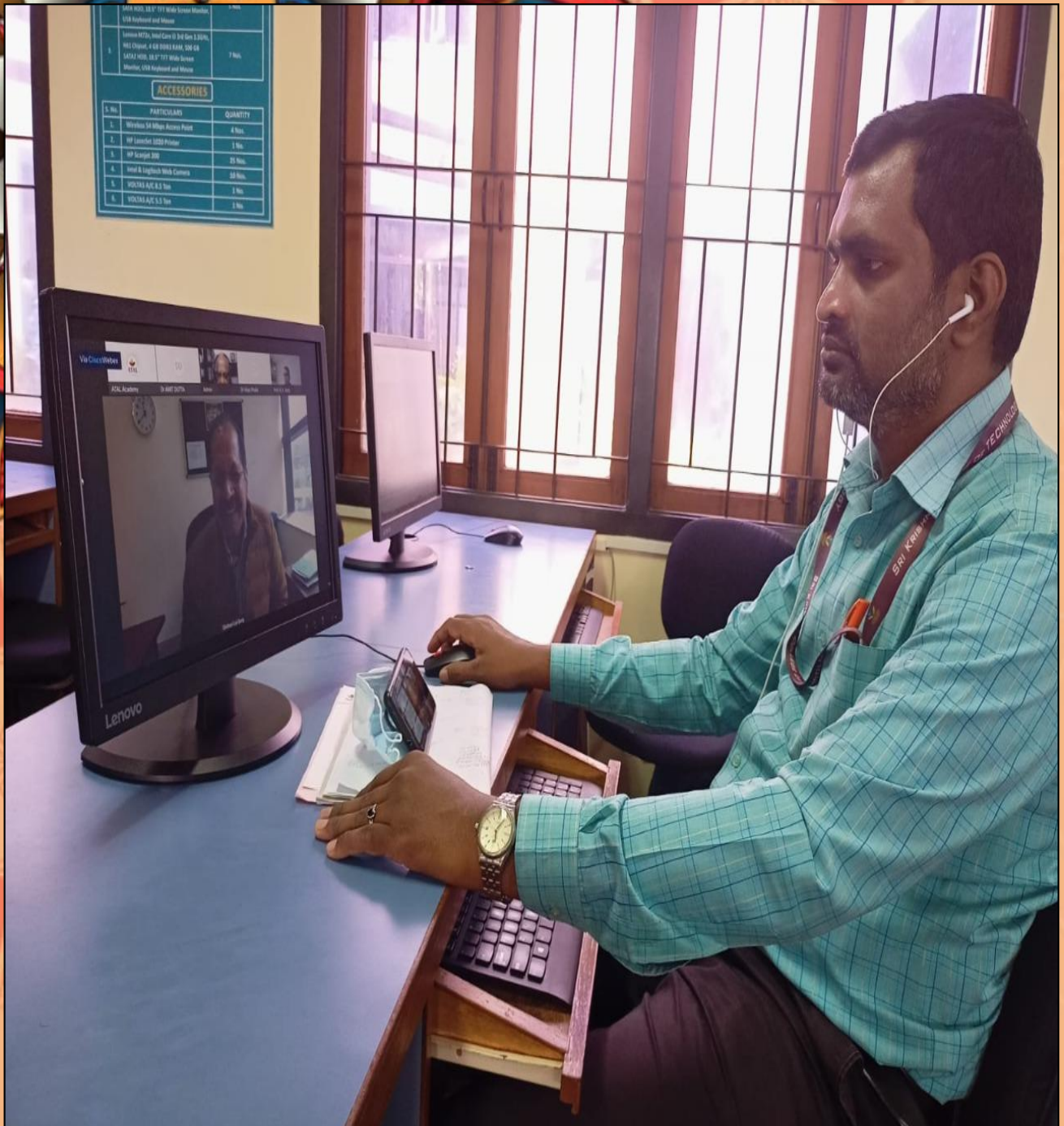


## EEE | FACULTY PARTICIPATION | ANNUAL PERFORMANCE RESULT ANNOUNCEMENT



The Members of Faculty from the Dept. of EEE attended the “**IIC (2020-21) Annual Performance Result Announcement**” session on 01 December 2021.

## CSE | FACULTY PARTICIPATION | AICTE AWARDS AWARENESS WEBINAR



Dr R Karthik, Assoc. Professor, Dept. of CSE, attended the “AICTE Awards Awareness Webinar” on 07 December 2021.

# RESEARCH



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## EEE | PATENT PUBLISHED



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202141052149
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/11/2021
APPLICANT NAME	1 . NAGARAJAN N 2 . Dr. E. DURAIRAJAN 3 . Mrs. GULJA S NAIR 4 . Mr. R. BHARATHIKANINA 5 . Mr. A. C. RAMKUMAR 6 . Mr. A. BALTHILAK 7 . Dr. C. MADHUSUDAN NAYAK 8 . Dr. S. THIRUMURUGAVEERAKUMAR 9 . Mr. A.S. RAJAN 10 . T. BHARANI PRAKASH
TITLE OF INVENTION	SMART RODENT TRAP ON AGRICULTURAL FARM
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	nagu.sajana@gmail.com
ADDITIONAL-E-MAIL (As Per Record)	nskdtris@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/12/2021
Application Status	
APPLICATION STATUS	Awaiting Request for Examination

Mr T Bharani Prakash, Asst. Professor, Dept. of EEE, published a patent on “**Smart Rodent Trap on Agricultural Farms**” on 03 December 2021. Application Number: 202141052149.

# ***NEW VJSTAS OF LEARNING***



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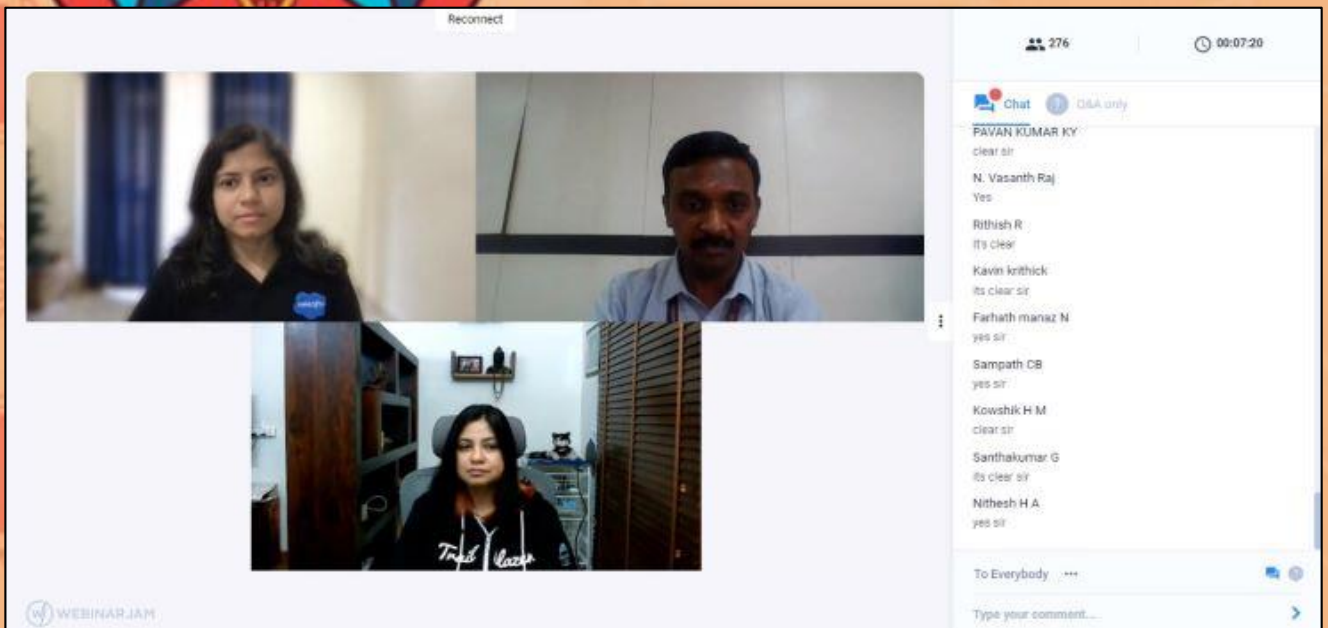
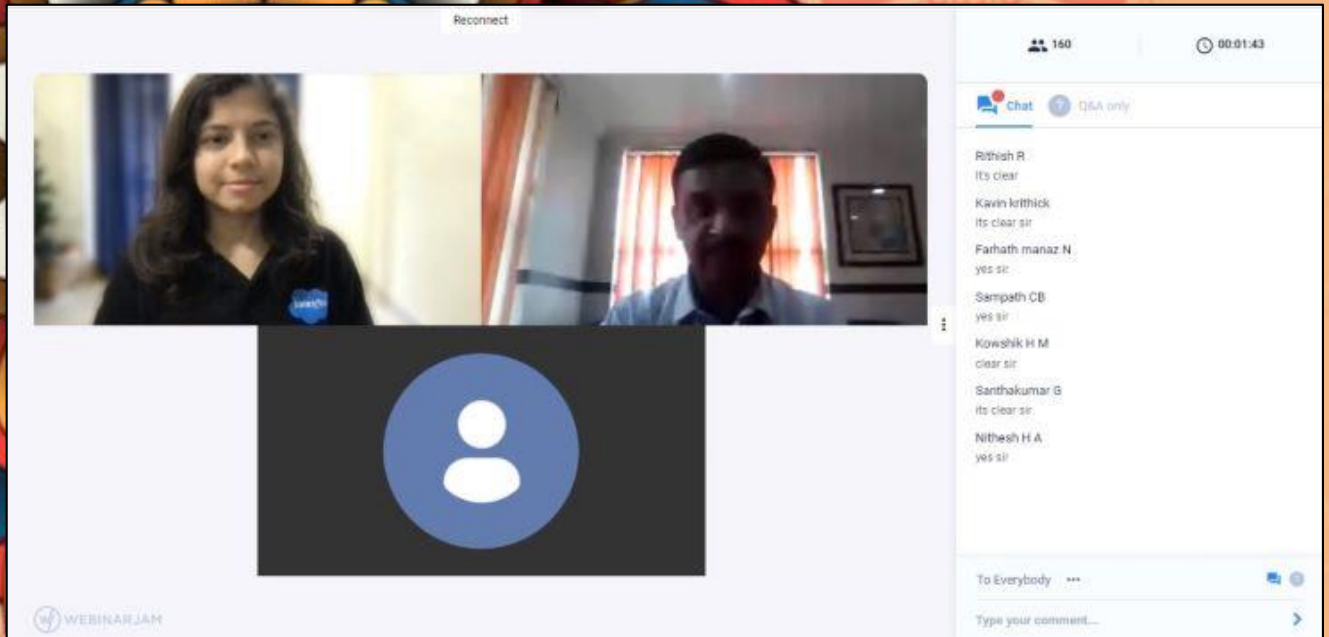
digestfeedback@skct.edu.in

## ECE | ATAL FDP ON ADVANCES IN CONTROL SYSTEMS & SENSOR TECHNOLOGIES



Ms D Nageswari, Asst. Professor, Dept. of ECE, completed the AICTE Training And Learning (ATAL) Academy Online FDP on **“Advances in Control Systems & Sensor Technologies”** organised by Indian Institute of Information Technology, Pune during 27 November-01 December 2021.

## IT | WEBINAR ON ORIENTATION OF SALESFORCE TRAILBLAZER CONNECT INDIA PROGRAM 2021



Ms P Alaguvathana, Asst. Professor, Dept. of IT, ICT Honeywell Training Mentor, attended a webinar on **“Orientation of Salesforce Trailblazer Connect India Program 2021”** on 07 December 2021.

**CSE | WEBINAR ON AICTE AWARDS AWARENESS**

The screenshot displays a YouTube live stream interface. At the top, the YouTube logo and search bar are visible. The main video area shows a speaker in a blue headset, with a name tag that says 'Admin'. Above the speaker, a row of smaller video thumbnails shows other participants: ATAL Academy, Dr. AMIT DUTTA, Girchari Lal Garg, Dr. Vikas Praile, and Prof. R. K. Garg. To the right of the video is a 'Top chat' window containing a list of messages from various institutions and individuals, such as 'Arul Prakash M. Dr. M. Arul Prakash, Dept. of Mech, Sri Sairam Engineering College, Chennai.' and 'Babiyola Antony Good Morning all'. Below the video, the title 'AICTE Awards Awareness Webinar' is shown, along with '126 watching now • Scheduled for Dec 7, 2021'. Engagement icons for like, dislike, share, and save are present, along with a 'SUBSCRIBE' button for the 'Media AICTE' channel, which has 37.5K subscribers.

Mr V Venkatesh, Asst. Professor, Dept. of CSE, attended a webinar on “AICTE Awards Awareness” on 07 December 2021.



# **MEETINGS & DISCUSSIONS**



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## CSE | ANNUAL PERFORMANCE RESULT ANNOUNCEMENT OF INSTITUTION'S INNOVATION COUNCIL (IIC) 2020-21



Dr Srinivasan Alavandar, Principal, Heads of all Department and IIC Team attended the “Annual Performance Result Announcement of Institution's Innovation Council (IIC) 2020-21” facilitated by Prof. Anil D Sahasrabudhe, Chairman, AICTE and Prof. Rajneesh Jain, Secretary, UGC.

**SoM | CLASS COMMITTEE MEETING**

Dr M Padmavathi, Professor and Head, School of Management, conducted a **“Class Committee Meeting”** with the Students of First MBA regarding academic activities on 03 December 2021.

**SoM | ALUMNI INTERACTION WITH THE STUDENTS**

Ms Kaviya, Alumni (Batch 2019-21), School of Management, interacted with the Students of First MBA on **“How to Choose Elective in Second Year”** on 06 December 2021.

**SoM | ALUMNI INTERACTION WITH THE STUDENTS**

Mr Naveen, Alumni (Batch 2019-21), School of Management, HR-OPPO, interacted with the Students of First MBA on “**How to be Participative in Interview**” on 06 December 2021.

## CIVIL | FACULTY INTERACTION WITH THE STUDENTS

meet.google.com/fmm-zuhu-kvy?pli=1

You're presenting to everyone

12. Dress materials & other things for hostel stay as per the inmates requirements  
 13. ATM card, Laptop & mobile (It is your complete responsibility to keep the valuable things safely with you in the hostel)  
 14. Xerox copies of fees receipt  
 15. Passport size Photos (5-10 No.s)  
 16. First aid tablets & kits prescribed by your family doctor  
 17. RTPCR Test Result Copy

For further queries contact the following SecondYear Deputy Warden

To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.

12:08 PM | MEETING FOR HOSTEL STUDENTS

Participants: 21CIVIL SANKE..., Ms. S. Dharsan..., 21CIVIL GOKUL..., 21CIVIL SHENB..., 21CIVIL MANIK..., Mr. R. Ramesh ..., 21CIVIL YOKES..., 12 others, You

meet.google.com/peg-vymb-hig

Participants: Ms. S. Muthukeerthana Asst Prof CIVIL, 21CIVIL AMIRTHAVARSHINIS, 21CIVIL DISHITA A.S., 21CIVIL SHAGANA SHREE.M, 21CIVIL MADHU PRIYA A.S., You

4:02 PM | Girls hostel meeting

People list: Dr. V. Sreevidya Profe... (You), 21CIVIL AMIRTHAVARSHINIS, 21CIVIL DISHITA A.S., 21CIVIL MADHU PRIYA A.S., 21CIVIL SHAGANA SHREE.M, Ms. S. Muthukeerthana Ass...

Dr V Sreevidya, Professor, Mr R Ramesh and Ms S Muthukeerthana, Asst Professors, Dept. of Civil Engineering, conducted a meeting with the First B.E. Hostel Students regarding the rules and regulations of the college on 03 December 2021.

**SoM | DEPARTMENT MEETING**

The Members of Faculty from the School of Management attended a meeting regarding IQAC Audit and Class Committee Meeting Feedback on 09 December 2021.

**CIVIL | DEPARTMENT MEETING**

Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding Academic Activities for the Students of Second and Third B.E., Online Classes, End Semester Examination, R&D Activities, etc. on 08 December 2021.



# ***EVENTS ORGANISED***



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# MECH | EVENT ORGANISED | WEBINAR ON INDUSTRIAL ROBOT AND ITS APPLICATIONS



**INDUSTRIAL ROBOTICS**

AXIS | AUTOTECH | EmEx

**INTRODUCTION TO ROBOT**

Industrial robot is defined by ISO as an automatically controlled, reprogrammable, multipurpose manipulator, programmable in three or more axes, which can be either fixed in place or mobile for use in industrial automation applications.

AXIS | AUTOTECH | EmEx


**Robot parameters**

- ▶ **Degrees of freedom** - This is usually the same as the number of axes.
- ▶ **Working envelope** - The region of space a robot can reach.
- ▶ **Kinematics** - The actual arrangement of rigid members and joints in the robot,
- ▶ **payload** - How much weight a robot can lift.
- ▶ **Speed** - How fast the robot can position the end of its arm.
- ▶ **Acceleration** - How quickly an axis can accelerate
- ▶ **Accuracy** - How closely a robot can reach a commanded position
- ▶ **Repeatability** - How well the robot will return to a programmed position.
- ▶ **Compliance** - Measure of the amount in angle or distance that a robot axis will move when a force is applied to it.

AXIS | AUTOTECH | EmEx

**ROBOT AXIS**

- Motoman: S (Axis 1)
- Motoman: L (Axis 2)
- Motoman: U (Axis 3)
- Motoman: R (Axis 4)
- Motoman: B (Axis 5)
- Motoman: T (Axis 6)



AXIS | AUTOTECH | EmEx



The Dept. of Mechanical Engineering in association with SAEINDIA SKCT Collegiate Club and IIC organised a webinar on “**Industrial Robot and its Applications**” facilitated by Ruthra Kumaran G, Application Engineer, AGIIT, Coimbatore on 04 December 2021.

## SoM | EVENT ORGANISED | WEBINAR ON JOURNAL – THE STORY OF A CHEATER

The top screenshot shows a Google Meet interface with a grid of 12 participants. The participants are: ZIMBA KAVYA M., ZIMBA VISHNUV..., ZIMBA KABILES..., ZIMBA DEEPAKR..., ZIMBA SUDHARS..., ZIMBA DEEPIKA P., ZIMBA TAMILAL..., ZIMBA ASHIKHA E., Dr. Mohammed Shareef (host), ZIMBA SARANYA..., ZIMBA ARAVIND..., ZIMBA RAGULR., ZIMBA PRAVEENA N., and ZIMBA YOGAPRIYA G. The meeting is titled 'gxd-clov-bub' and is recorded. The bottom screenshot shows the same meeting at 11:07 AM. A presentation slide is displayed on the screen with the title 'Accounting and Finance – A practical approach.' and the following text: 'Learned becomes trouble when you use it in your daily life.', 'Finance and Accounting is such a subject which you can use in your daily life. Start using it.', 'Apply the theories which you learn in classrooms to your daily life first, the rest will follow.', and 'To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.' The slide also has a 'Stop presenting' button and an 'Ignore' option. The meeting is still titled 'gxd-clov-bub' and is recorded. The bottom screenshot also shows a 'Stop sharing' button and a 'Hide' option for the presentation window.

Dr Shanmugha Priya, Assoc. Professor, School of Management, organised a webinar on **“Journal – The Story of a Cheater”** facilitated by Mr Mohammed Shareef Malayampalli, Finance Manager, Venture Plus, Consultancy Services, UAE, Abu Dhabi on 04 December 2021.

# ECE | EVENT ORGANISED | INTERACTIVE SESSION | RESEARCH OPPORTUNITIES AND INNOVATION CHALLENGES IN SATELLITE COMMUNICATION

**CRITICAL FUTURE TECHNOLOGIES**

- Artificial Intelligence
- Robotics
- Terrestrial wireless systems,
- High altitude platform systems
- Quantum computing, laser communications,
- New multiplexing systems and a host of other technologies

**CRITICAL FUTURE TECHNOLOGIES**

- Artificial Intelligence
- Robotics
- Terrestrial wireless systems,
- High altitude platform systems
- Quantum computing, laser communications,
- New multiplexing systems
- and a host of other technologies

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
(AN AUTONOMOUS INSTITUTION)  
(APPROVED BY AICTE, AFFILIATED TO ANNA UNIVERSITY)  
KOVAIPODUR, COIMBATORE - 641042

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
(ACCREDITED BY NISA)

**INSTITUTION'S INNOVATION COUNCIL (IIC)**

**JOINTLY ORGANIZES AN INTERACTIVE SESSION ON**  
**RESEARCH OPPORTUNITIES IN SATELLITE COMMUNICATION**

**RESOURCE PERSON**  
**Mr. Sureshkumar Krishnasamy,**  
Staff Engineer Design Engineering,  
Infineon Technologies, Bengaluru.

Date : 04/12/2021 Time : 9:30 Am - 11:30 Am  
Platform : Google Meet

**PRINCIPAL**  
Srinivasan Alavandar

**HEAD OF THE DEPARTMENT**  
Dr. G.M. Tamilsetty

**EVENT COORDINATORS**  
Ms. B. Priyanka  
Dr. K. Sumathi

**Opportunities in core industry for Electronics students**

- VLSI (Very Large-Scale)
  - Analog
  - Digital
  - Embedded systems
- VLSI
  - A
  - D
  - Emb

The Dept. of ECE in association with IIC and IETE organised an interactive session on “**Research Opportunities and Innovation Challenges in Satellite Communication**” facilitated by Mr Suresh Kumar Krishnasamy, Staff Engineer Design Engineering, Infineon Technologies, Bengaluru on 04 December 2021. Dr K Sumathi, Professor and Ms B Priyanka, Asst. Professor, Dept. of ECE, coordinated the event.

## ECE | EVENTS ORGANISED | EXPERT LECTURE | SIGNALS AND SYSTEMS: AN INSIGHT INTO RECENT APPLICATIONS



The Dept. of ECE in association with IQAC and IIC organised a lecture on **“Signals and Systems: An Insight into Recent Applications”** facilitated by Mr Abishekraj, Asst. Film Editor, DI Colorist and VFX Artist on 04 December 2021. Dr K Srinivasan, Assoc. Professor, Ms S Jaipriya and Dr Anju Asokan, Asst. Professors, Dept. of ECE, coordinated the event.

## ICE | EVENT ORGANISED | WEBINAR ON PREPARATION FOR GRE AND IELTS



Understanding IELTS

Language

International English Testing System

IELTS

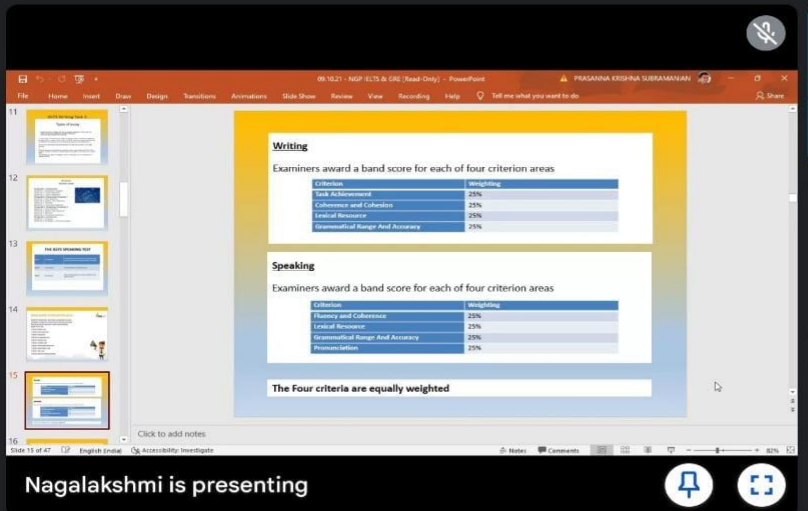
English Testing

Nagalakshmi is presenting

20TUIIC030 You

Nagalakshmi 20TUIIC017

19TUIIC010 25 others



Writing

Examiners award a band score for each of four criterion areas

Criterion	Weighting
Task Achievement	25%
Coherence and Cohesion	25%
Lexical Resource	25%
Grammatical Range and Accuracy	25%

Speaking

Examiners award a band score for each of four criterion areas

Criterion	Weighting
Fluency and Coherence	25%
Lexical Resource	25%
Grammatical Range and Accuracy	25%
Pronunciation	25%

The Four criteria are equally weighted

Nagalakshmi is presenting

Nagalakshmi You

20TUIIC030 20TUIIC021

19TUIIC010 23 others

The Dept. of ICE organised a webinar on “**Preparation for GRE and IELTS**” facilitated by Mrs Nagalakshmi, Cambridge Certified Verbal Faculty, Career Zone on 04 December 2021. Mr Dhanaselvam, Asst. Professor, Dept. of ICE, coordinated the event.

## ICE | EVENT ORGANISED | ALUMNI TALKS ON CAREER OPPORTUNITIES FOR INSTRUMENTATION ENGINEERS

DEPARTMENT OF INSTRUMENTATION AND CONTROL  
ENGINEERING

### Alumni Talks

## CAREER OPPORTUNITIES FOR INSTRUMENTATION ENGINEERS



**Mr. Ajeeth Kumar**  
System Engineer, Infosys

*06 December 2021*

*03.30 PM- 04.30 PM*



Sri Krishna College of Technology,  
Coimbatore

The Dept. of ICE organised Alumni Talks on “**Career Opportunities for Instrumentation Engineers**” facilitated by Mr Ajeeth Kumar, System Engineer, Infosys, Bangalore on 06 December 2021. Mr Saravanakumar, Asst. Professor, Dept. of ICE, coordinated the event.



## CIVIL | EVENT ORGANISED | NATIONAL POLLUTION PREVENTION DAY



The Dept. of Civil Engineering conducted various events as a part of “National Pollution Prevention Day” to the Students of R K V Matriculation Higher Secondary School, Kovaipudur on 02 December 2021. Mr T P Aravind, Mr J Robinson and Ms S Muthukeerthana, Asst. Professors, Dept. of Civil Engineering, coordinated the event.

# CLUB ACTIVITIES



@skctdigest

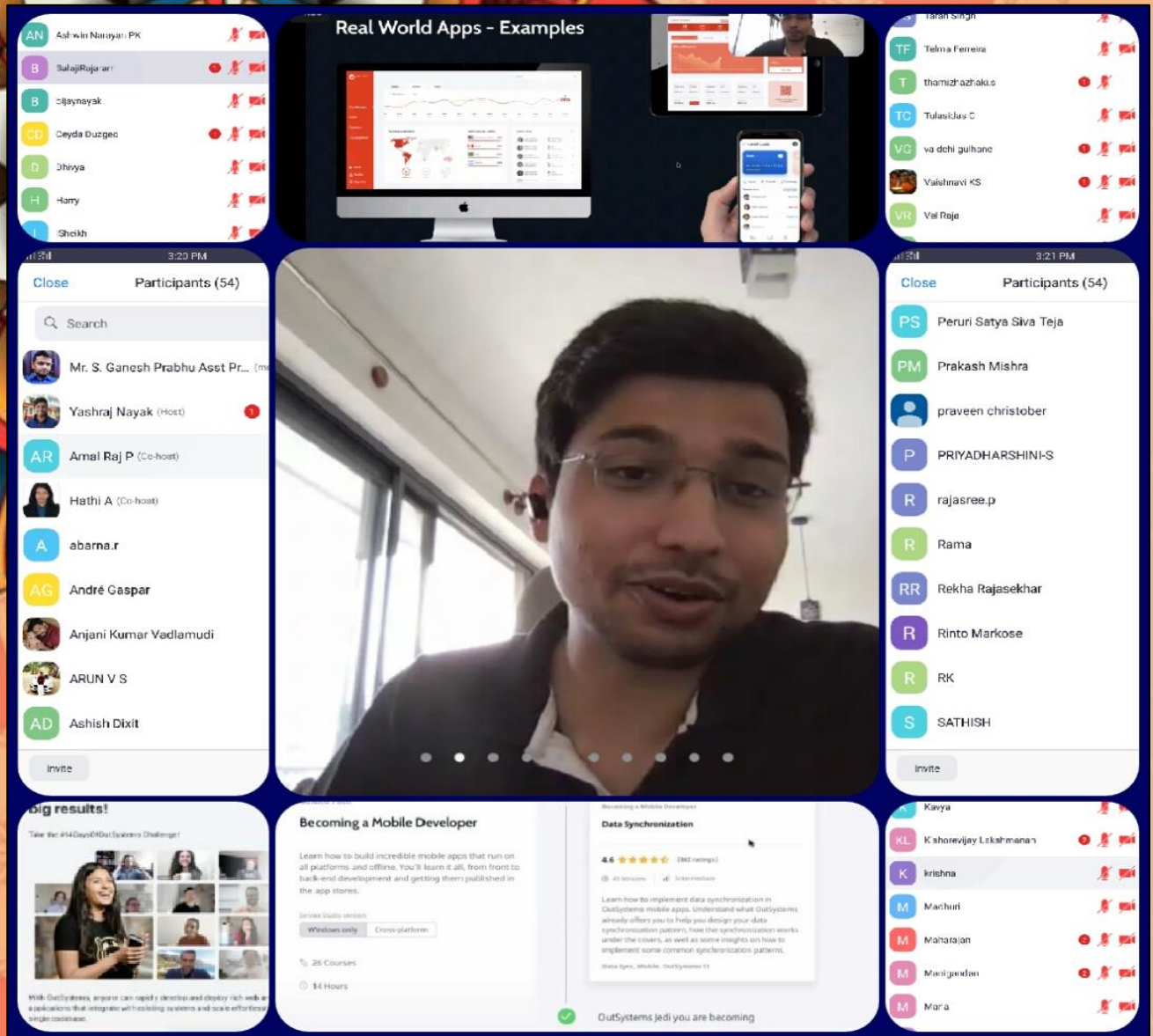


@skctofficial



digestfeedback@skct.edu.in

## ECE | CLUB ACTIVITIES | EXPLORE ENGINEERS CLUB



The Explore Engineers Club from the Dept. of ECE and Outsystems organised a Concise Guide on **“14 Days of Outsystems Challenge”** facilitated by Mr Yashraj Nayak, APAC Community Growth, Manager, Outsystems on 04 December 2021. Mr S Ganesh Prabhu and Mr Thirrunavukkarasu R R, Asst. Professors, Dept. of ECE, coordinated the event.

## SoM | CLUB ACTIVITIES | FINANCE CLUB



The School of Management inaugurated the “**Finance Club**” for the Students of First MBA. Dr Shanmugapriya, Assoc. Professor, School of Management, coordinated the event on 04 December 2021.

## SoM | CLUB ACTIVITIES | MARKETING CLUB

meet.google.com/vcn-vqou-nnh

REC 21MBA ABINYA M. is presenting

- Hairdressing is a good example of a service purchased by an individual for their own private consumption. Hairdressing is also an example of
- A) Outsourcing
- B) Business-to-business service
- C) Customer service
- D) A tangible product

4:19 PM | vcn-vqou-nnh

Participants visible: 21MBA DHARSHIN..., 21MBA DEEPAKRA..., 21MBA YOGAPRIY..., Mr. P. MAYILRAJA..., 21MBA ABINYA M., 21MBA NIVETHA M., 21MBA SUJITHA S., 14 others, You

meet.google.com/vcn-vqou-nnh

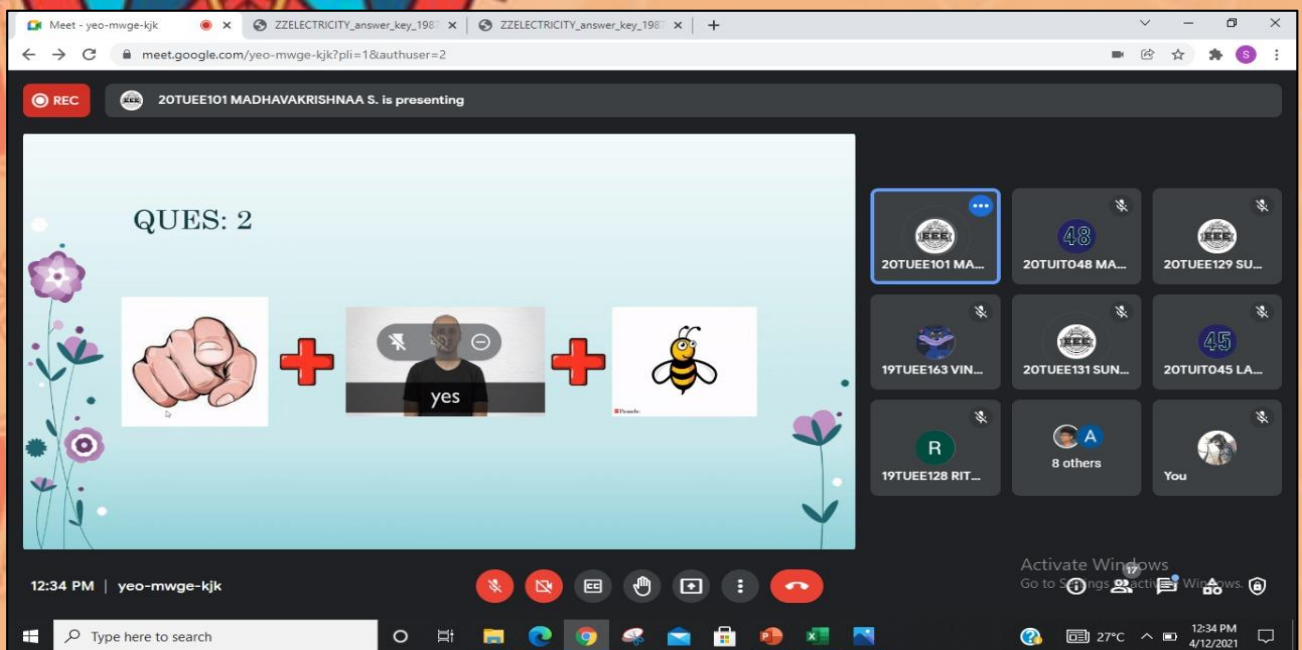
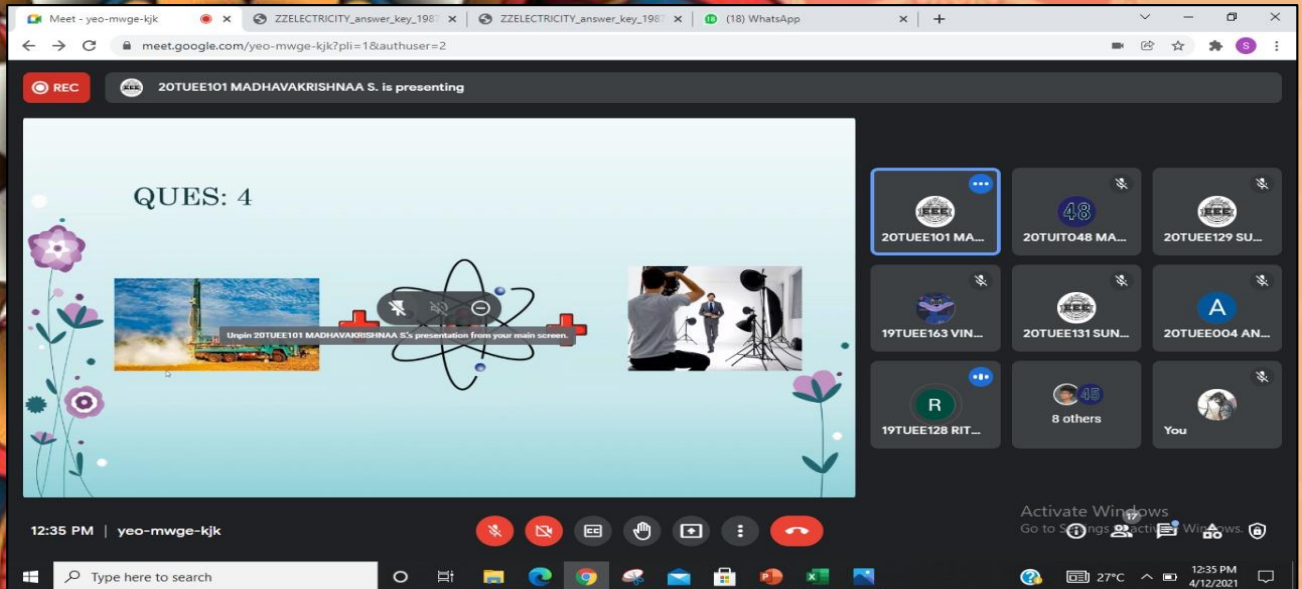
REC

Participants visible: 21MBA YOGAPRIYA G., 21MBA ABINYA M., 21MBA ANANDHAKUMAR B., 21MBA AKASH R., 21MBA PRAVEENA N., 21MBA NIVETHA M., Mr. P. MAYILRAJAN Asst Prof MBA, 12 others, You

4:32 PM | vcn-vqou-nnh

The Management Club from the School of Management organised a “Quiz Competition” for the Students of First MBA on 04 December 2021.

## EEE | CLUB ACTIVITIES | TECHNICAL MEMES & RIDDLES CLUB



The Dept. of EEE conducted various events like Riddles, Connection, Crossword Puzzles, Quiz, Tech Memes as a part of “**Technical Memes and Riddles Club**” activity on 04 December 2021.

## EEE | CLUB ACTIVITIES | INTERNET OF EVERYTHING CLUB

19tuee022 DHANAPRAKASH.D is presenting

4db7a3da-d44b-4811-b920-f48f7ce0180a.jpg - Photos

SRI KRISHNA COLLEGE OF TECHNOLOGY  
An Autonomous Institution  
Narasipur, Coimbatore - 641042, Tamilnadu, India

Department of Electrical and Electronics Engineering

**"IoE CLUB"**

Cordially invites you to the interactive session on

**Design of IoT application using Mobile App**

**Resource Person**  
**Mr. Sangaran D K**  
R&D engineer,  
Weather CAPS Pvt Ltd,  
Coimbatore

Streaming online on 04.12.2021 at 10.30 AM  
Google meet link : <https://meet.google.com/nzp-ojnt-upo>

**Student Co-ordinators**  
Aishwarya S (19TUEE044)  
Anu shree M.M (19TUEE006)  
Dhanaprabash.D (19TUEE022)  
Mathamath.M (19TUEE059)

**Club Incharge**  
Dr. Lijo Jacob Varghese,  
Professor/FEE

Activate Windows  
Go to Settings to activate Windows.

10:44 AM | nzp-ojnt-upo

Sasi Sangaran is presenting

New Tab | Meet - nzp-ojnt-upo | MIT App Inventor | Explore MIT | MIT App Inventor

Light Intensity(x):  
Text for Label2

Background Color: None  
Font: Bold  
Font Italic:   
Font Size: 30  
Font Typeface: default  
HTML Format:   
Has Margins:   
Height: Automatic  
Width: Fill parent  
Text:   
Text Alignment: left  
Text Color: Default

11:40 AM | nzp-ojnt-upo

The Dept. of EEE conducted an online Hands-on Training Workshop on **“Design of IoT Application using Mobile App”** as a part of Internet of Everything Club activity on 04 December 2021.

3

**SKCT  
ACHEIVEMENTS**

11

**STUDENTS'  
PARTICIPATIONS**

15

**FACULTY  
PARTICIPATIONS**

1

**RESEARCH**

3

**NEW VISTAS OF  
LEARNING**

7

**MEETINGS &  
DISCUSSIONS**

8

**EVENTS  
ORGANISED**

5

**CLUB ACTIVITIES**

“ You cannot change your future, but you can change your habits, and surely your habits will change your future.”

—A.P.J. Abdul Kalam



Thank you !