

SKCT DIGEST

SPECIAL ISSUE - 81

13 - 17 DECEMBER 2021



EDITOR - IN - CHIEF

***Dr V Sreevidya,
Principal In-charge***

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Ms S Thenmozhi, ECE

Ms B Pavithra, S&H

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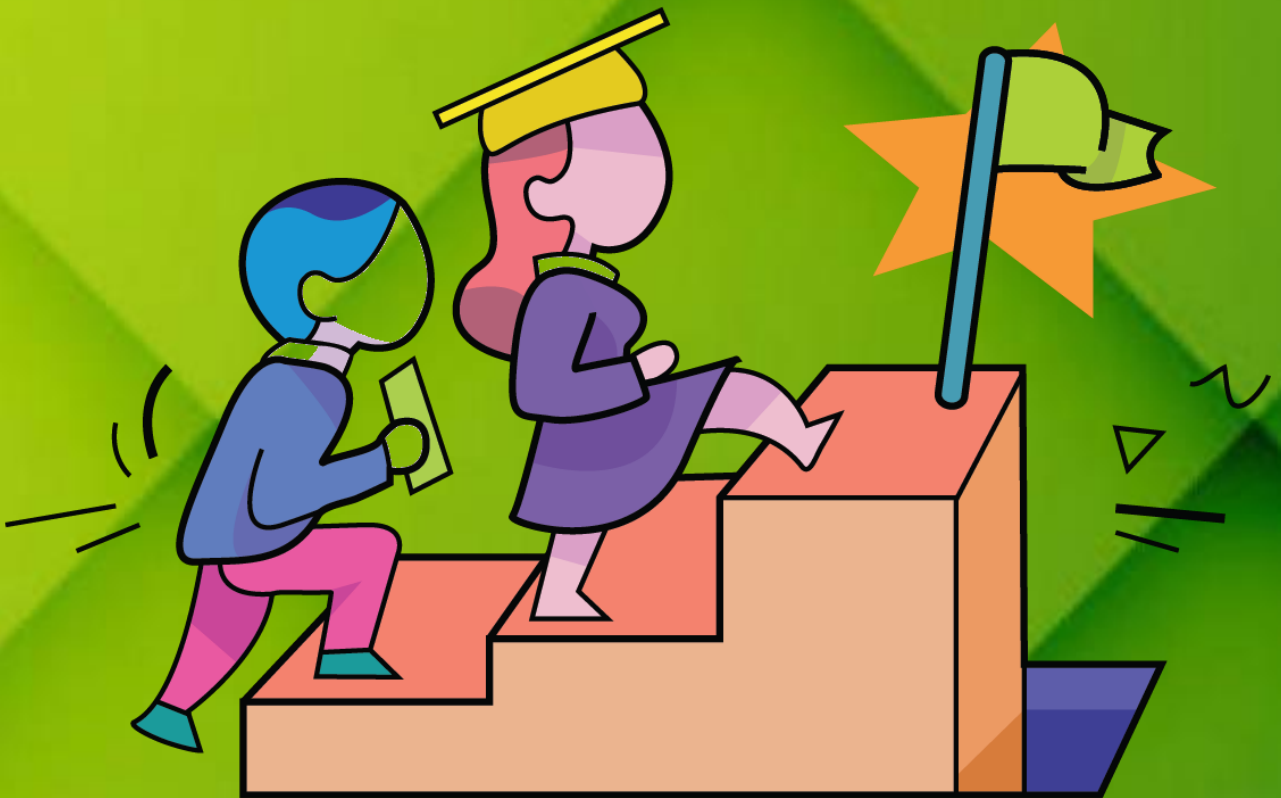
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STUDENTS' PARTICIPATIONS



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digestfeedback@skct.edu.in

**CSE | STUDENTS' ACHIEVEMENT | UNACADEMY
 GATE QUIZ TOPPERS**

SRI KRISHNA COLLEGE OF TECHNOLOGY
 KOVAIPUDUR, COIMBATORE - 643042
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 (Accredited by NBA)

unacademy **GATE QUIZ** **Toppers**

Congratulations!

Conducted on 11.12.2021 Tool: Unacademy Mobile App

It's time to celebrate all the hard work that led to this joyful occasion

Ms. G. SOWMIYA II CSE C 1	Mr. S. HARI HARAN III CSE A 2	Ms. K. SIVA RANJANI II CSE C 3	Ms. S. RABIYA RESHMA II CSE B 4	Ms. K. TAMIL AMUTHU I CSE C 5
Mr. S. SACHIN III CSE C 6	Ms. BANUPRIYA III CSE A 7	Ms. K. NIVETHITHA II CSE B 8	Mr. S. DEEPAK II CSE A 9	Ms. S. SIVAPRIYA II CSE C 10

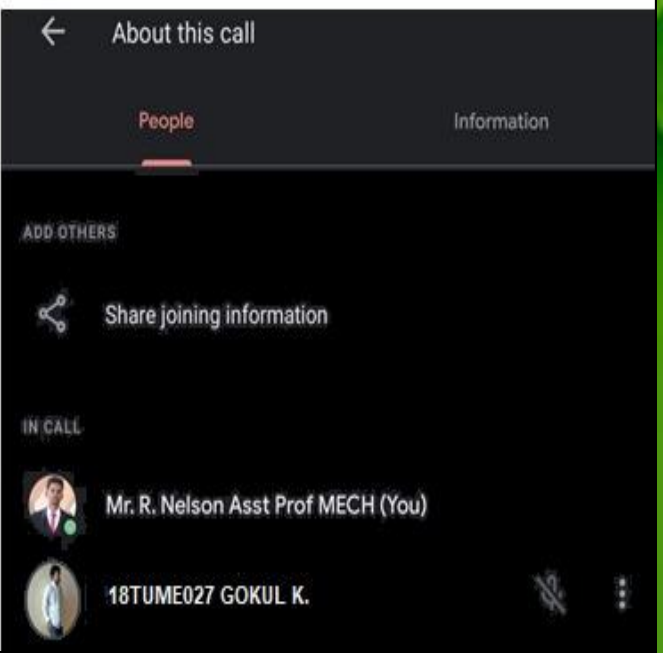
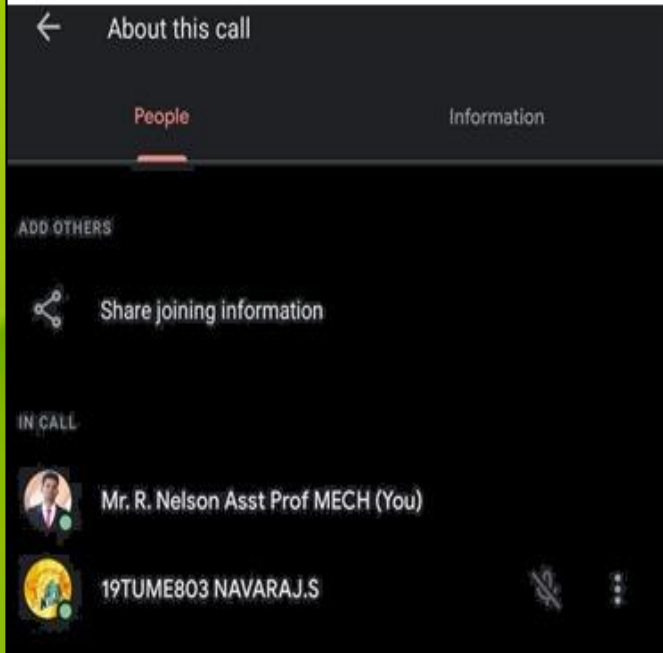
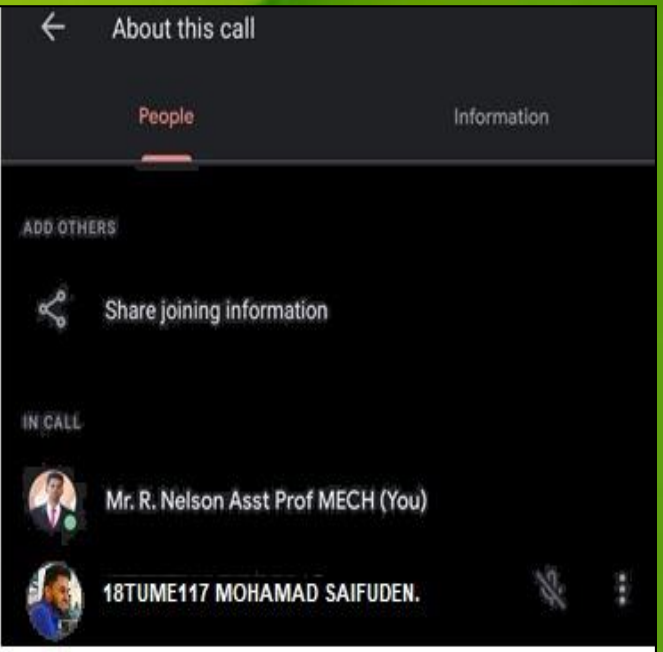
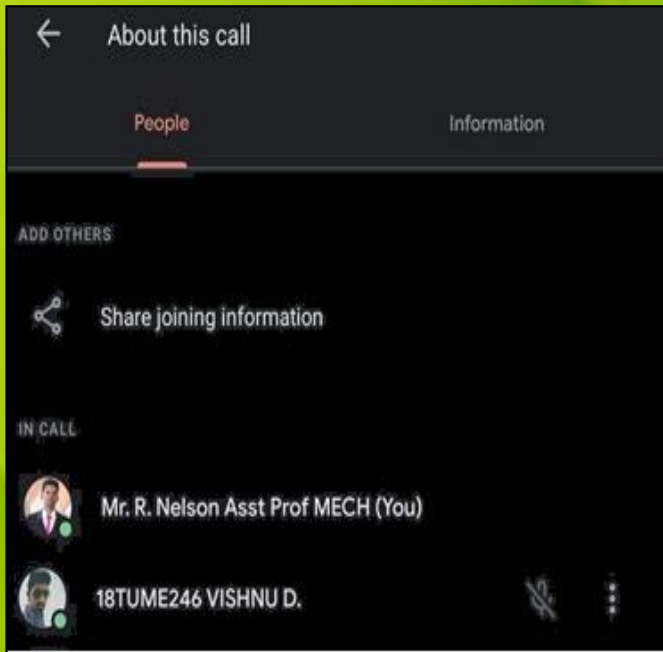
END IS NOT THE END. IN FACT E.N.D. MEANS "EFFORT NEVER DIES"

Coordinator
 Dr. R. Karthik
 ASP/CSE

Convener
 Dr. P. Tamije Selvy
 Prof. & Head/CSE

The Dept. of CSE in association with Unacademy organised a webinar and quiz on **“Awareness on GATE Exam”** on 11 December 2021.

MECH | STUDENTS' ACHIEVEMENT | INTERNSHIP



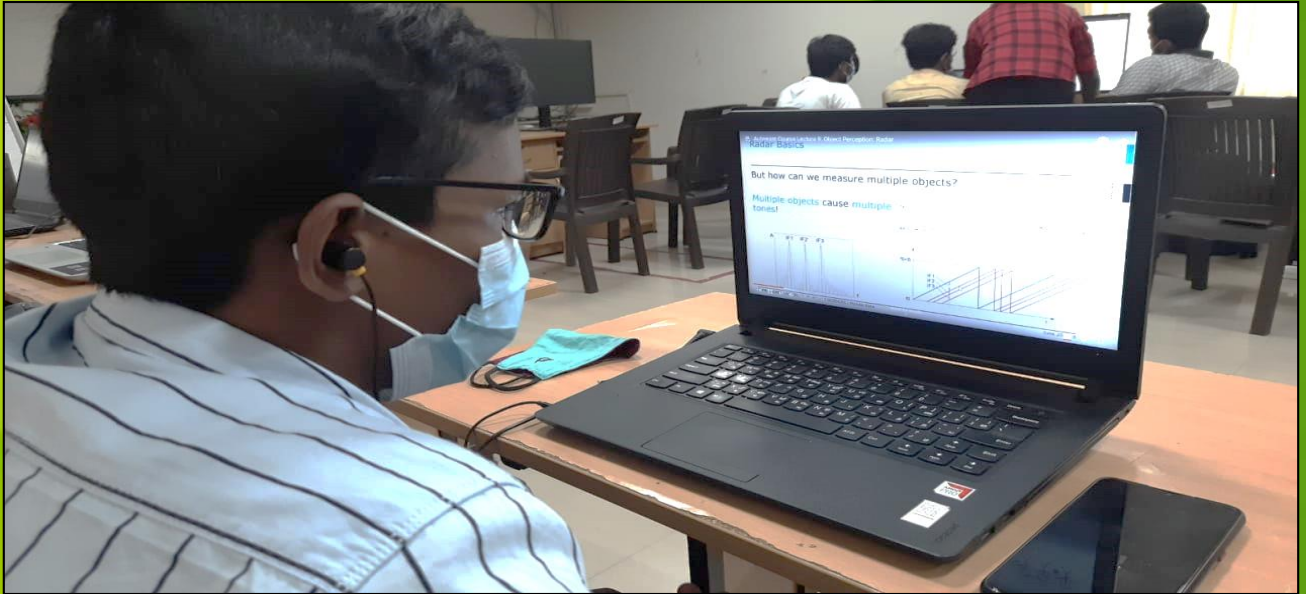
Mr Sri Hari A R, Mr Gokul K, Mr Vignesh S and Mr Ranjith, Students of Final B.E. Mechanical Engineering, have been shortlisted in a **“Caterpillar Interview”** on 15 December 2021.

IT | STUDENT PARTICIPATION | YUVA INNOVATOR CHALLENGE



Ms Janani B S, Student of Second B.Tech. IT A section, participated in a "Yuva Innovator Challenge 2021."

MECH | STUDENTS' PARTICIPATION | HANDS ON SESSION | SELF DRIVING CAR CHALLENGE (SDCC)



Mr Shambunath V S and Mr Suriya Prakash S, Students of Second B.E. Mechanical Engineering, attended a hands on session on “**Self Driving Car Challenge (SDCC)**” organised by SAE India Southern Section, Chennai on 13 December 2021.

MECH | STUDENTS' PARTICIPATION | WEBINAR ON OVERVIEW OF ELECTRIC VEHICLE POWERTRAIN



Online Lecture Meeting

SAEISS Coimbatore Division Cordially Invite you for Online Lecture Meeting on

" OVERVIEW OF ELECTRIC VEHICLE POWERTRAIN SYSTEMS "

Mr. SURAJ S D
Founder & CEO - Decibels Lab Pvt Ltd

Date: 15th December 2021-Time: 04:00 PM - 05:00 PM

Registration Link : <https://forms.gle/UAqCUgba7vp7a4J8A>

For Details Contact:
Dr. K.SIVA
(Chairman- SAEISS Coimbatore Division)
Mobile No: 9965247988
sivri@rediffmail.com



DECIBELS

Electrolyte

Anode (Graphite)

Separator

Cathode (LiCoO₂)



active applications

battery chemistries

Li-ion revolution is based on the:

- high specific energy density (low weight)
- high volumetric energy density (small size)
- high energy efficiency (low energy losses per cycle)
- high coulombic efficiency (many cycles during service life)
- low self discharge (down to 5% per year)

However!

Li-ion technology is also the potentially dangerous:

- high energy storage density
- highly energetic and flammable components in the electrolyte

Smaller Size

Lighter Weight

Volumetric Energy Density (Wh/L)

Specific Energy Density (Wh/kg)

Ph-Soc, Ni-Cd, Ni-MH, Li-ion



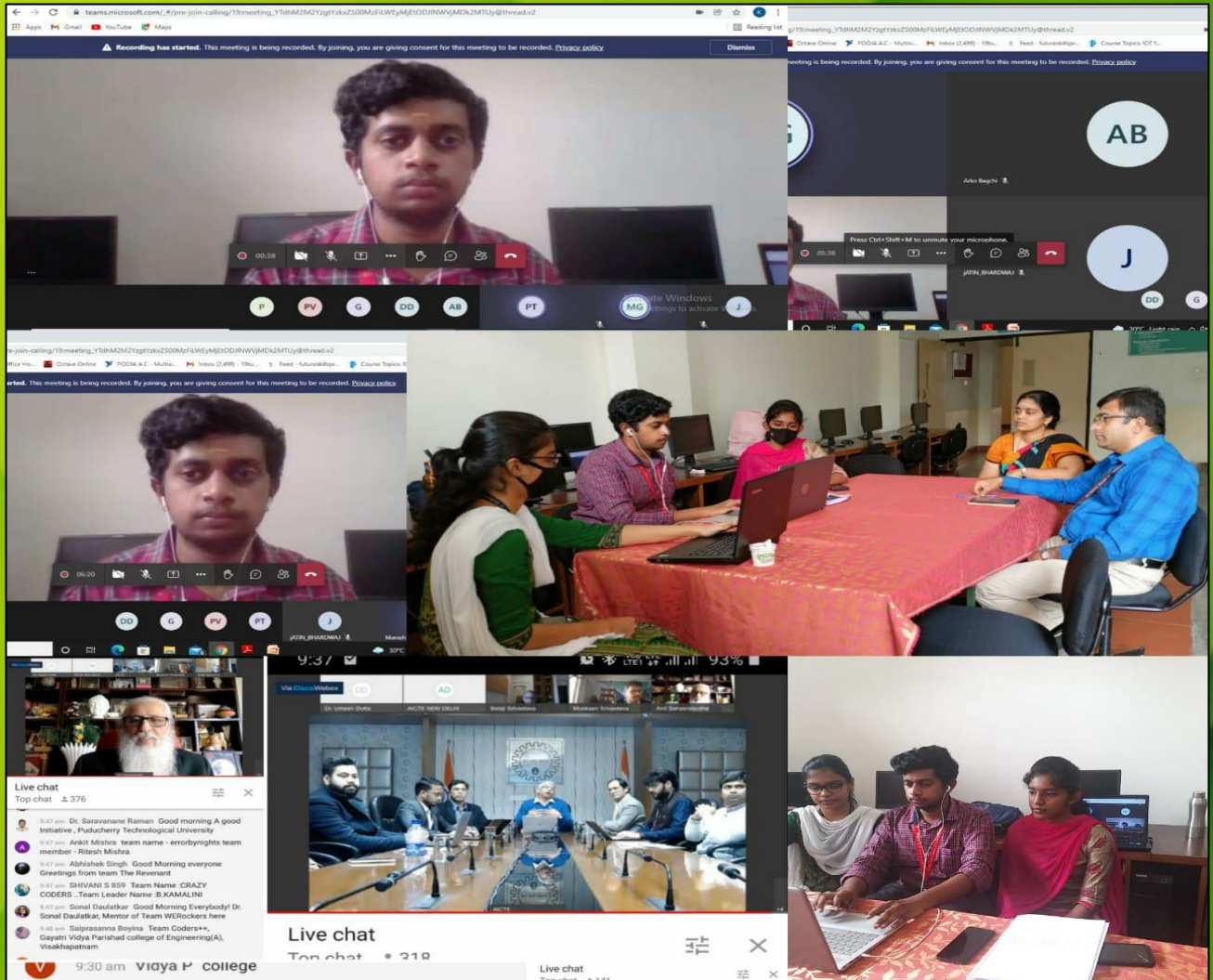
Components

Power Steering Systems

Light and other Auxiliary

The Students of Third and Final B.E. Mechanical Engineering attended a webinar on **“Overview of Electric Vehicle Powertrain”** facilitated by Mr Suraj S D, Founder and CEO, Decibels Lab Pvt. Ltd. on 15 December 2021. Mr Kaviyarasan K, Asst. Professor, Dept. of Mechanical Engineering, mentored the students.

ECE | STUDENTS' PARTICIPATION | MANTHAN'21



Mr B Prasanna, Mr Philip Galvin Mendez, Ms Pooja A C and Ms T Kowshikaa, Students of Third B.E. ECE B section, presented a project on **“Event Detection and Tracking for CCTV Surveillance”** in the Grand Finale of Manthan 21 under the guidance of Dr K Srinivasan, Assoc. Professor and Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE during 08-10 December 2021.

EEE | STUDENT PARTICIPATION | INTERNATIONAL CONFERENCE

North-Eastern Hill University Ref. No.: NEHU/ComPE/2020-21/146
A Central University Established Under An Act Of Parliament
*W Grade Accredited by NAAC

Blue Amber Foundation (India) & IEEE Industry Applications Society (USA)

2021 International Conference on Computational Performance Evaluation
IEEE Conference ID: 53109

Presenter's Certificate

This is to certify that **Ms. Aishwarya M** from Sri Krishna college of technology, Coimbatore, India. has presented the paper titled **Symmetrical fault detection during power swing based on dq-Wavelet Packet Entropy** authored by **Dr. Devi R, Ms. Malini T, Ms. Divya Priyadarshini M, Mr. Ganesh Prabhu S, Dr. Santhosh P and Ms. Aishwarya M** at 2021 International Conference on Computational Performance Evaluation (ComPE) organized through **Virtual Mode** by Department of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India during 1st – 3rd December 2021.

S. Paul
(Dr. Sudip Paul)
Conference Chair & Teacher (I/C),
Department of Biomedical Engineering,
School of Technology,
NEHU, Shillong, India

Prof. Lalrenlakpam J. Singh
(Prof. Lalrenlakpam J. Singh)
Dean, School of Technology,
NEHU, Shillong, India

Shri S. K. Singh
(Shri S. K. Singh)
Secretary,
Blue Amber Foundation,
New Delhi, India

Ms M Aishwarya, Student of Third B.E. EEE A section, presented a paper on **“Fuzzy based Landsman Converter for Pumping Application”** in 2021 International Conference on Computational Performance Evaluation, North Eastern Hill University, Shillong, Meghalaya during 01-02 December 2021. Dr R Devi, Asst. Professor, Dept. of EEE, mentored the student.

EEE | STUDENT PARTICIPATION | INTERNATIONAL CONFERENCE




North-Eastern Hill University Ref. No.: NEHU/ComPE/2020-21/272
A Central University Established Under An Act Of Parliament
**W Grade Accredited by NAAC*



Blue Amber Foundation (India) & IEEE Industry Applications Society (USA) Blue Amber Foundation

2021 International Conference on



Computational Performance Evaluation



IEEE Conference ID: 53109

Presenter's Certificate

This is to certify that **Ms. Aswitha B** from **Sri Krishna College of Technology** has presented the paper titled **Fuzzy based Landsman Converter for pumping Application** authored by **Santhosh P, Kaviya J, Mownika S, Madhumitha S T, Rajeshwari M, Devipriya N, Aswitha B and Devi R** at 2021 International Conference on Computational Performance Evaluation (ComPE) organized through **Virtual Mode** by Department of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India during 1st – 3rd December 2021.



(Dr. Sudip Paul)
Conference Chair & Teacher (I/C),
Department of Biomedical Engineering,
School of Technology,
NEHU, Shillong, India





(Prof. Lairenlakpam J. Singh)
Dean, School of Technology,
NEHU, Shillong, India

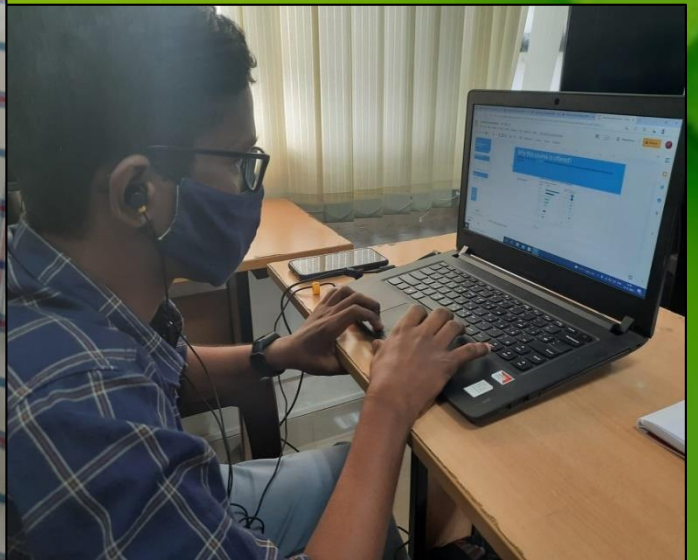
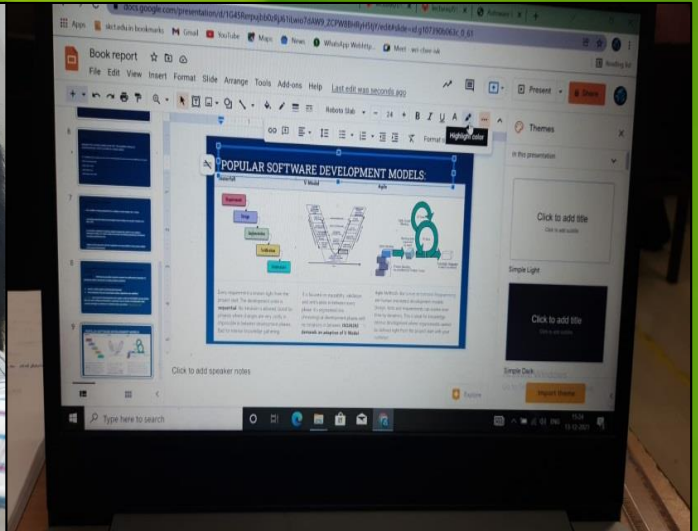
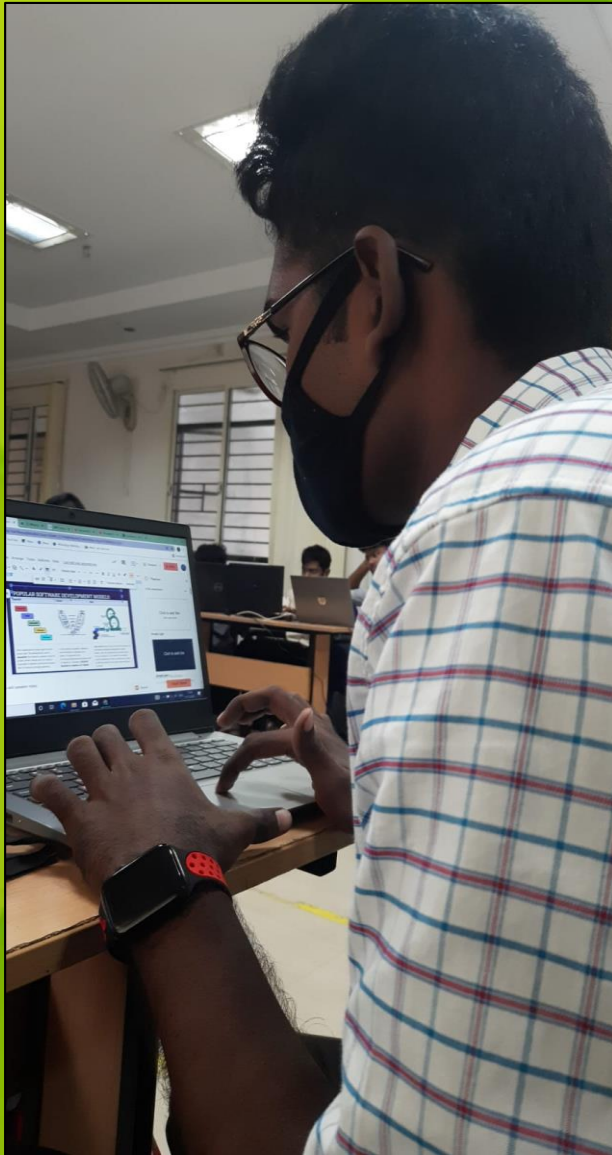




(Shri S. K. Singh)
Secretary,
Blue Amber Foundation,
New Delhi, India

Ms B Aswitha, Student of Third B.E. EEE A section, presented a paper on **“Fuzzy based Landsman Converter for Pumping Application”** in 2021 International Conference on Computational Performance Evaluation, North Eastern Hill University, Shillong, Meghalaya during 01-02 December 2021. Dr P Santhosh, Asst. Professor, Dept. of EEE, mentored the student.

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



Mr V S Shambunath and Mr S Suriya Prakash, Students from the Dept. of Mechanical Engineering, presented their work on **“Self Driving Cars With ROS and Autoware Course”** in Self Driving Car Challenge (SDCC) organised by SAE India Southern Section, Chennai on 13 December 2021.

EEE | STUDENTS' PARTICIPATION | ENERGY CONSERVATION DAY 2021



The Students of Second and Third B.E. EEE participated in a **"Paper Presentation"** organised by the Dept. of EEE as a part of the celebration of National Energy Conservation Day 2021 on 13 December 2021. Mr T Bharani Prakash and Dr R Senthil Kumar, Asst. Professors, Dept. of EEE, evaluated the performance of students.

EEE | STUDENTS' PARTICIPATION | ENERGY CONSERVATION DAY 2021



The Students of Second B.E. EEE participated in a Project Contest on **“Conserve Energy - Preserve Nation”** organised by Coding Club from the Dept. of EEE as a part of the celebration of National Energy Conservation Day 2021 on 14 December 2021.

**EEE | STUDENTS' PARTICIPATION | ENERGY
CONSERVATION DAY 2021**

The Students of First B.E. EEE took pledge **“To Adopt Energy Conservation in Our Everyday Lives”** as a part of the celebration of National Energy Conservation Day 2021 on 15 December 2021.

IT | STUDENT PARTICIPATION | NATIONAL POLLUTION CONTROL DAY - 2K21

SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution | Affiliated to Anna University
Accredited by NAAC with 'A' Grade)
KOVAIPUDUR, COIMBATORE - 641042.

DEPARTMENT OF CIVIL ENGINEERING
(Accredited by NBA)

NATIONAL POLLUTION CONTROL DAY - 2K21
CERTIFICATE OF PARTICIPATION

This is to certify Mr./Ms. Krithika M. of I Year IT at Sri Krishna College of Technology has participated in the RECYCLE FROM WASTE event conducted as a part of "NATIONAL POLLUTION CONTROL DAY – 2K21" by the Department of Civil Engineering, Sri Krishna College of Technology, Coimbatore, on December 02, 2021.

T.P.A. Jayasingh
COORDINATOR

INSTITUTION'S INNOVATION COUNCIL
University of Education, Coimbatore

GREEN CLUB

HOD / CIVIL

SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution | Affiliated to Anna University
Accredited by NAAC with 'A' Grade)
KOVAIPUDUR, COIMBATORE - 641042.

DEPARTMENT OF CIVIL ENGINEERING
(Accredited by NBA)

NATIONAL POLLUTION CONTROL DAY - 2K21
CERTIFICATE OF PARTICIPATION

This is to certify Mr./Ms. Krithika M. of I Year IT at Sri Krishna College of Technology has participated in the SKETCHING event conducted as a part of "NATIONAL POLLUTION CONTROL DAY – 2K21" by the Department of Civil Engineering, Sri Krishna College of Technology, Coimbatore, on December 02, 2021.

T.P.A. Jayasingh
COORDINATOR

INSTITUTION'S INNOVATION COUNCIL
University of Education, Coimbatore

GREEN CLUB

HOD / CIVIL

Ms Krithika M, Student of First B.Tech. IT, participated in various events conducted as a part of "National Pollution Control Day-2K21" organised by the Dept. of Civil Engineering on 02 December 2021.

FACULTY PARTICIPATIONS



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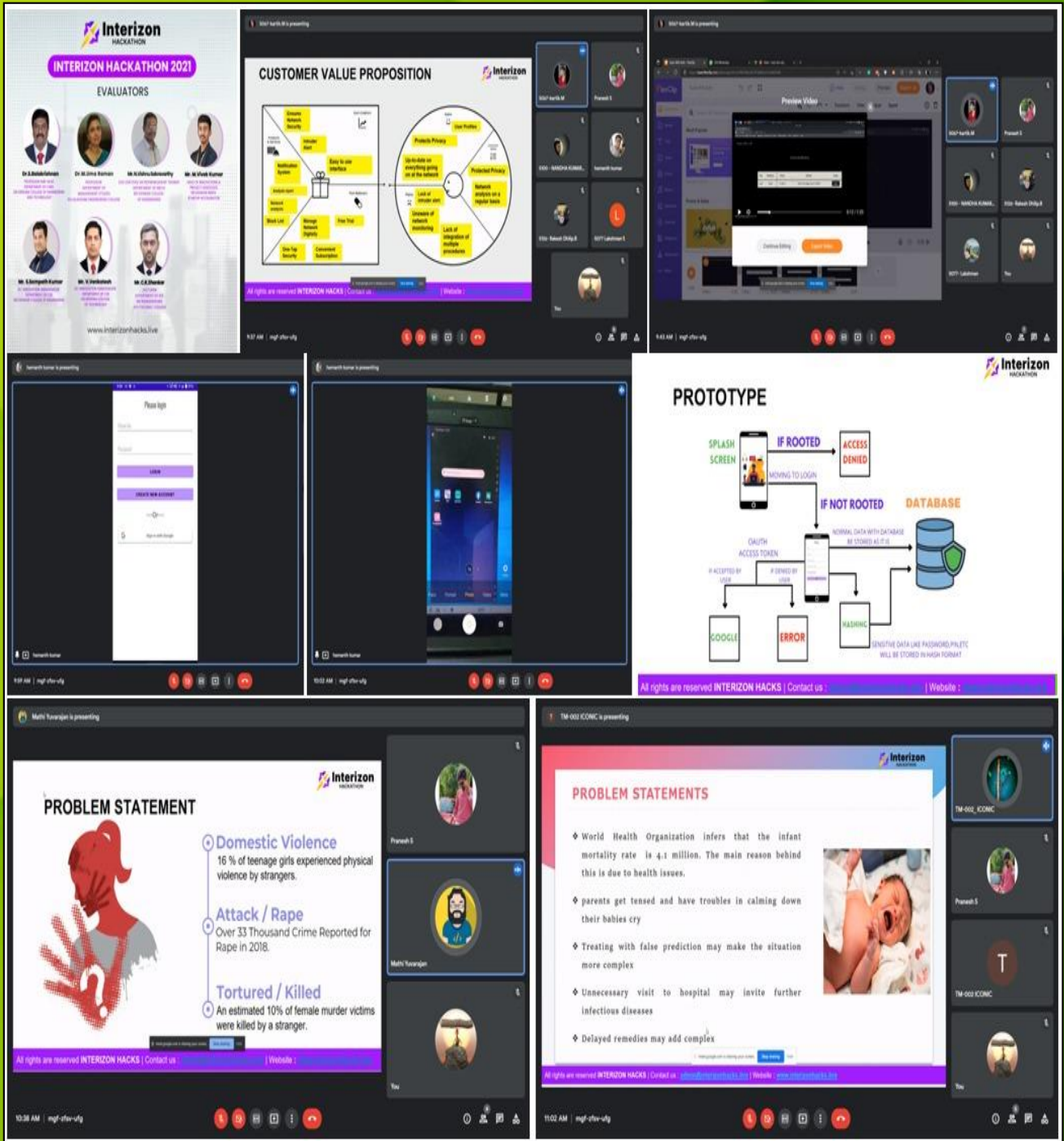
digestfeedback@skct.edu.in

MECH | FACULTY ACHIEVEMENT | BEST SENIOR FACULTY AWARD



Dr M Prince, Professor, Dept. of Mechanical Engineering, has been awarded with the “**Best Senior Faculty Award**” by Novel Research Academy, ISO Certified on 15 December 2021.

CSE | EVALUATOR IN INTERIZION HACKATHON



Mr V Venkatesh, Asst. Professor, Dept. of CSE, acted as an Evaluator in “Interzion Hackathon 2021.”

EEE | FACULTY ACHIEVEMENT| NPTEL MENTOR APPRECIATION



CERTIFICATE OF APPRECIATION
is awarded to

DR. DEVI.R
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
32	22	5	15	1	1	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras



CERTIFICATE OF APPRECIATION
is awarded to

A.ELAKYA
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
21	17	5	9	3	0	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras



CERTIFICATE OF APPRECIATION
is awarded to

BHARANI PRAKASH
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
31	19	0	11	8	0	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras



CERTIFICATE OF APPRECIATION
is awarded to

MANIMEGALAI
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
32	20	3	13	4	0	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras



CERTIFICATE OF APPRECIATION
is awarded to

G. SUKANYA
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
20	13	4	8	1	0	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras



CERTIFICATE OF APPRECIATION
is awarded to

ASHADEVIS
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

JUL-DEC 2021

Members Enrolled	Members Present	Score (In %)		Certified (Score in %)			
		<40	40-59	60-74	75-89	>=90	Toppers
19	16	2	11	3	0	0	0

PROF. ANBNEY THANGARAJU
NPTEL Coordinator
IT Madras

The Members of Faculty from the Dept. of EEE received the **“Certificate of Appreciation”** in recognition of his/her role as mentor for the NPTEL Online Certification Course on **“Ethics in Engineering Practice”** during July-December 2021.

**EEE | FACULTY CERTIFICATION | ONLINE COURSE
 ON SOFT SKILLS**



Dr Senthil Kumar R, Dr Saravanan S, Dr Suresh K P and Mr Bharani Prakash T, Asst. Professors, Dept. of EEE, completed an online course on “**Soft Skills**” offered by Indian Institute of Technology, Bombay during 02-21 November 2021.

**MECH | FACULTY CERTIFICATION | ONLINE COURSE
ON INTRODUCTION TO DATA ANALYTICS****Declaration of Completion****Mr.T.NITHYANANDHAN**

has successfully completed the online course:
Introduction to Data Analytics

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

29th Nov 2021

Certificate code : 3058100


Krishna Kumar
CEO

Mr T Nithyanandhan, Asst. Professor, Dept. of Mechanical Engineering, completed an online course on **“Introduction to Data Analytics”** by SkillUP on 29 November 2021.

ECE | FACULTY PARTICIPATION | BRAIN STORMING | CO/PO ATTAINMENT



Dr S Malathy, Professor and Dr K Srinivasan, Assoc. Professor, Dept. of ECE, received the Certificate of Participation for his excellent performance during the Brain Storming session on "CO/PO Attainment" on 11 December 2021.

EEE | FACULTY ACHIEVEMENT | PRIMARY
EVALUATOR | TOYCATHON 2021



Dr P Santhosh, Asst. Professor, Dept. of EEE, served as a “Primary Evaluator” in Toycathon 2021.

ECE | FACULTY ACHIEVEMENT | PRIMARY
EVALUATOR | TOYCATHON 2021



Ms S Thenmozhi and Mr R R Thirrunavukkarasu, Asst. Professors, Dept. of ECE, served as a **“Primary Evaluator”** in Toycathon 2021.

**IT | FACULTY ACHIEVEMENT | PRIMARY EVALUATOR
 | TOYCATHON 2021**







Ministry of Education
 Ministry of Information and Broadcasting
 Ministry of MSME

Ministry of Women and Child Development
 Ministry of Commerce & Industry
 Ministry of Textiles





CERTIFICATE

Primary Evaluator

This Certificate is awarded to

M.Malathi

for exceptional contribution as a Primary Evaluator in

'Toycathon, 2021'.


 Prof. Anil Sahasrabudhe
 Chairman
 AICTE


 Dr. Abhay Jere
 Chief Innovation Officer
 Ministry of Education Innovation Cell


 Dr. Mohit Gambhir
 Innovation Director
 Ministry of Education Innovation Cell



Ms M Malathi, Asst. Professor, Dept. of IT, served as a **“Primary Evaluator”** in Toycathon 2021.

ECE | FACULTY PARTICIPATION | INTERNATIONAL CONFERENCE ON COMPUTATIONAL PERFORMANCE EVALUATION (COMPE)




North-Eastern Hill University Ref. No.: NEHU/ComPE/2020-21/146
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Blue Amber Foundation (India) & IEEE Industry Applications Society (USA)



Blue Amber Foundation

2021 International Conference on
Computational Performance Evaluation
IEEE Conference ID: 53109




Presenter's Certificate

This is to certify that Ms. Aishwarya M from Sri Krishna college of technology, Coimbatore, India. has presented the paper titled **Symmetrical fault detection during power swing based on dq-Wavelet Packet Entropy** authored by Dr. Devi R, Ms. Malini T, Ms. Divya Priyadarshini M, Mr. Ganesh Prabhu S, Dr. Santhosh P and Ms. Aishwarya M at 2021 International Conference on Computational Performance Evaluation (ComPE) organized through Virtual Mode by Department of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India during 1st – 3rd December 2021.



(Dr. Sudip Paul)
Conference Chair & Teacher (I/C),
Department of Biomedical Engineering,
School of Technology,
NEHU, Shillong, India





(Prof. Lalrenlakpam J. Singh)
Dean, School of Technology,
NEHU, Shillong, India





(Shri S. K. Singh)
Secretary,
Blue Amber Foundation,
New Delhi, India

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, presented an article on **"Symmetrical Fault Detection during Power Swing based on Dq-Wavelet Packet Entropy"** in 2021 International Conference on Computational Performance Evaluation (ComPE), IEEE SCOPUS Indexed Conference organised by North-Eastern Hill University (NEHU), Shillong, Meghalaya, India during 01-03 December 2021.

CSE | FACULTY PARTICIPATION | INTERNATIONAL CONFERENCE ON COMPUTATIONAL PERFORMANCE EVALUATION (COMPE)

North-Eastern Hill University Ref. No.: NEHU/ComPE/2020-21/106
A Central University Established Under An Act Of Parliament
*A Grade Accredited by NAAC

Blue Amber Foundation (India) & IEEE Industry Applications Society (USA) Blue Amber Foundation

2021 International Conference on
Computational Performance Evaluation
IEEE Conference ID: 53109

Presenter's Certificate

This is to certify that **D. Darling Jemima** from **Sri Krishna College of Technology** has presented the paper titled **Comparative Study on Detection of COVID-19 using different Convolution Layers** authored by **J. Daphy Louis Lovenia, D. Darling Jemima, Raghul R and Eugene Kingsley** at 2021 International Conference on Computational Performance Evaluation (ComPE) organized through **Virtual Mode** by Department of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India during 1st – 3rd December 2021.

S. Paul
(Dr. Sudip Paul)
Conference Chair & Teacher (I/C),
Department of Biomedical Engineering,
School of Technology,
NEHU, Shillong, India

Jemima
(Prof. Lairenlakpam J. Singh)
Dean, School of Technology,
NEHU, Shillong, India

S. K. Singh
(Shri S. K. Singh)
Secretary,
Blue Amber Foundation,
New Delhi, India

Ms D Darling Jemima, Asst. Professor, Dept. of CSE, presented a paper on “**Comparative Study on Detection of COVID-19 using Different Convolution Layers**” in an International Conference on Computational Performance Evaluation (ComPE) organised by the Dept. of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya.

IT | NPTEL MENTOR CERTIFICATE | TOP PERFORMING MENTOR






CERTIFICATE OF APPRECIATION

is awarded to

DR D.JEYABHARATHI
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

PROGRAMMING IN JAVA
JUL-DEC 2021




PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

Mentees Enrolled	Mentees Present	Score (In %)					
		<40	40-59	60-74	75-89	>=90	Toppers
48	26	7	0	4	14	1	1

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, received the “NPTEL Mentor Certificate” for their top performance.

ECE | FACULTY ACHIEVEMENT | NPTEL MENTOR



NPTEL **swayam**
FREE ONLINE EDUCATION
INDIA'S MASS EDUCATION

CERTIFICATE OF APPRECIATION
is awarded to

JAYARAJAN P
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

Mentees Enrolled	Mentees Present
17	17



NPTEL **swayam**
FREE ONLINE EDUCATION
INDIA'S MASS EDUCATION

CERTIFICATE OF APPRECIATION
is awarded to

G.ANITHA
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in re

Mentees Enrolled	Mentees Present
14	14



NPTEL **swayam**
FREE ONLINE EDUCATION
INDIA'S MASS EDUCATION

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is awarded to

DHIVYAPRIYA E.L.
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE

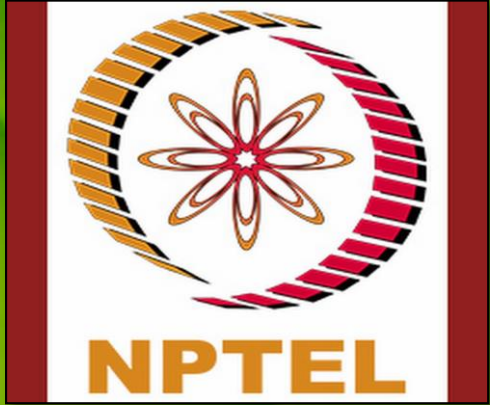
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)		Certified (Score in %)				Toppers
		<40	40-59	60-74	75-89	>=90		
9	9	1	0	6	2	0	0	

PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

Dr P Jayarajan, Assoc. Professor, Dr G Anitha and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, served as mentors for the NPTEL Online Certification Course on **“Ethics in Engineering Practice”** offered during July-December 2021.


ECE | FACULTY ACHIEVEMENT | NPTEL MENTOR



Dr S Preethi, Mr Navin Kumar, Ms S Thenmozhi and Ms S Jaipriya, Asst. Professors, Dept. of ECE, served as mentor for the NPTEL Online Certification Course on **“Digital Circuits”** offered during July-December 2021.

IT | FACULTY ACHIEVEMENT | NPTEL MENTOR



NPTEL 


CERTIFICATE OF APPRECIATION
 is awarded to

MADUMIDHA.S
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

INTRODUCTION TO INTERNET OF THINGS
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
31	10	3	6	1	0	0	0


PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras



NPTEL 

CERTIFICATE OF APPRECIATION
 is awarded to

T.SANGEETHA
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course



PROGRAMMING IN JAVA
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
21	18	1	0	5	12	0	0


PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

Ms S Madumidha and Ms T Sangeetha, Asst. Professors, Dept. of IT, awarded with the “NPTEL Mentor Certificates.”

MECH | FACULTY ACHIEVEMENT | NPTEL MENTOR

CERTIFICATE OF APPRECIATION


is awarded to

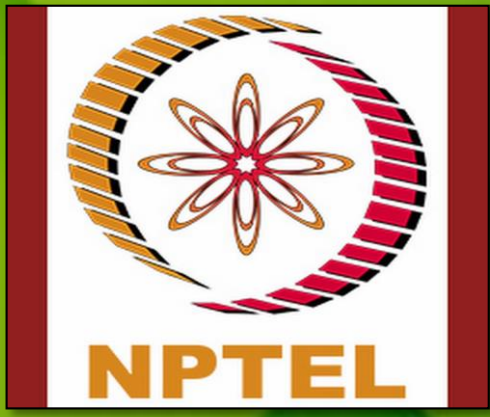
DR.PRINCE MUTHIAH
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					Toppers
		<40	40-59	60-74	75-89	>=90	
18	7	0	5	2	0	0	0


PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras



Dr Prince M, Professor, Dept. of Mechanical Engineering, served as mentor for the NPTEL Online Certification Course on “**Ethics in Engineering Practice**” offered during July-December 2021.

EEE | FACULTY ACHIEVEMENT | NPTEL MENTOR




CERTIFICATE OF APPRECIATION

is awarded to

DHARANIKA
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
24	10	2	8	0	0	0	0


PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras




CERTIFICATE OF APPRECIATION

is awarded to

LENINPUGALHANTHI P
SRI KRISHNA COLLEGE OF TECHNOLOGY
 COIMBATORE, TAMIL NADU

in recognition of his/her role as mentor for the
 NPTEL Online Certification course

ETHICS IN ENGINEERING PRACTICE
JUL-DEC 2021

Mentees Enrolled	Mentees Present	Score (in %)					
		<40	40-59	60-74	75-89	>=90	Toppers
19	13	1	8	4	0	0	0


PROF. ANDREW THANGARAJ
 NPTEL Coordinator
 IIT Madras

The Members of Faculty from the Dept. of EEE served as mentors for the NPTEL Online Certification Course on “Ethics in Engineering Practice” offered during July-December 2021.

**EEE | FACULTY CERTIFICATION | ONLINE COURSE
ON E-COMMERCE 101**



Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a webinar on “**E-Commerce 101**” offered through Indian Institute of Digital Education on 14 December 2021.

RESEARCH



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MECH | DESIGN PATENT FILED



ORIGINAL
No. 103989

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 336018-001
Date 08/12/2020
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-99 in respect of the application of such design to OIL SPILL CLEANING ROBOT in the name of 1. DR SUNDARARAJ S, PROFESSOR, DEPRT. OF MECHN. ENGG., 2. VASANTH K, STUDENT, DEPRT. OF ELECTRICAL AND ELECTRONICS ENGG., 3. MITUN L, STUDENT, DEPRT. OF MECHN. ENGG., 4. VIGNESH B R, STUDENT, DEPRT. OF ELECTRONICS AND COMMUNICATION ENGG., 5. RUTHVIK S, STUDENT, DEPRT. OF ELECTRICAL AND ELECTRONICS ENGG., 6. RICHINS LARVIN R C, STUDENT, DEPRT. OF ELECTRICAL AND ELECTRONICS ENGG., SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR, COIMBATORE – 641042, INDIA.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Controller General of Patents, Designs and Trade Marks


*The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. S. SUNDARARAJ,
PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING,
SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR, COIMBATORE – 641042

Date of Issue 28/10/2021 13:17:45

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, registered a Design Patent on “Oil Spill Cleaning Robot” on 08 December 2020. Application Number: 103989. Certificate issued on 28 October 2021.


CIVIL | PAPER PUBLISHED IN SCI JOURNAL



Contents lists available at ScienceDirect

Materials Today: Proceedings

journal homepage: www.elsevier.com/locate/matpr



Algorithm for optimum design of space trusses

M. Saravanan^a, M. Harihanandh^{a,*}, R. Gopi^a, V. Sathishkumar^b, N. Srimathi^c

^a Department of Civil Engineering, Murrilaxman Reddy Institute of Technology and Management, Hyderabad 500 043, India
^b Department of Civil Engineering, Sri Krishna College of Technology, Coimbatore 641042, India
^c School of Engineering, Avnashilingam Institute of Home Science and Higher Education for Women, Coimbatore, India

ARTICLE INFO

Article history:
Available online xxxxx

Keywords:
Improved Cuckoo search algorithm
Cost minimization
Weight minimization
Optimum design
Truss structure

ABSTRACT

Optimization technique helps to minimize the weight of steel structure by identifying the economical sections in structural design. Meta-heuristic algorithms are used for searching minimization of weight design. The main objective of this investigation is to identify the optimum design of truss structures in such a way the cost of the truss structures can be reduced. In the present method, latest Improved Cuckoo Search (ICS) optimization algorithm is used for identifying the economical sections which are used in truss structures such as 4-, 9-, 24-, and 32- bars in order to minimize the weight and cost. The same truss configuration is analysed by using other algorithms and the results of the ICS are compared with other techniques such as Genetic and Artificial bee colony techniques.

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 Selection and peer-review under responsibility of the scientific committee of the International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering

1. Introduction

Civil engineering construction any projects such as buildings, Bridges, Towers etc., require large expenditures. The most important factors to be considered by Structural Engineers in the design of any structure are economy and safety besides satisfying all necessary design constraints. Usually traditional techniques have been applied to these optimum structural designs. This approaches may not provide economical design since the designs are compelled to use standard sections such as Industry made standard dimension of structural members. Nontraditional optimization techniques have been introduced by many researchers since they can efficiently handle discrete design variables. Multi-objective optimization techniques used for numerous mind boggling designing enhancement issues. In many real-life problems, single objective optimization technique gives unsatisfactory results. Multi-objective optimization techniques can provide acceptable design than any other solution [1]. An artificial bee colony (ABC) technique for truss weight minimization of structural components under enormous stresses, deformation and bending constraints. To improve the exhibition of the classic ABC algorithm, modifications

Genetic algorithm (GA), is independent. The program produced for this issue can be reused to settle the rest of the segments of structures. Finally, the GA has proved that it gives a better result when comparable to existing techniques. On-traditional optimization algorithms are applied to identify the nearly optimum values for structural problems. Nonlinear and Linear optimization problems can be resolved by using these optimization techniques [3]. The methods were broadly reviewed [4,5] identified a optimum design of different kind of structures. Structural optimization import techniques and mathematical programming based methods to get better results. Demonstrates the applications of Genetic Algorithms to design optimal lightweight Cable-Truss structures, which are structures, composed by bars and prestressed cables and offer a high potential in robotics [6]. Dimension, Appearance and topology optimization of different types of structures have been analyze and designed to get minimum cost towards to minimize the dimension of the structural members which are used in truss elements by using real-coded genetic algorithms (GAs) [7]. Meta-heuristic algorithm so called Improved Cuckoo Search (ICS) algorithm is gaining much popularity than any other approaches due to its peculiar characteristics. Thus, in the current work, an endeavour has been

Dr V Sathish Kumar, Asst. Professor, Dept. of Civil Engineering, published a paper on "Algorithm for Optimum Design of Space Trusses" in SCI journal Material Proceedings: Elsevier Journal.

<https://doi.org/10.1016/j.matpr.2021.11.313>

CIVIL | PATENT FILED



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



Application Details	
APPLICATION NUMBER	202141052457
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/11/2021
APPLICANT NAME	1 . DR.S RAMAKRISHNAN 2 . DR.P.SARAVANAKUMAR 3 . DR.N.SRIMATHI 4 . DR.V.SATHISH KUMAR 5 . MR.J.ROBINSON 6 . MS.A.VENNILA 7 . MR.R.RAMESH 8 . MR.T.PA ARAVIND 9 . MS.S.MUTHUKEERTHANA 10 . MR.G.MANIKANDAN 11 . MS.S.DHARSANA 12 . MR.R.PARTHEEPAN 13 . MR.M.KISHORE ABISHEK
TITLE OF INVENTION	RESISTIVE IMBIBED MESH SENSOR BASED CONCRETE STRUCTURE STRENGTH MONITORING SYSTEM EMPLOYING IOT
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	ramakrishnans@skcet.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/12/2021

The Members of Faculty from the Dept. of Civil Engineering filed a patent on **“Resistive Imbibed Mesh Sensor Based Concrete Structure Strength Monitoring System Employing IoT.”**
Application Number: 202141052457 on 10 December 2021.

CIVIL | PATENT FILED

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141056110 A

(19) INDIA

(22) Date of filing of Application :03/12/2021

(43) Publication Date : 10/12/2021

(54) Title of the invention : Development, authentication and application of 3D-printed IoT-based water quality monitoring system-4.0 Industrial revolution Approach

<p>(51) International classification :G06Q0010060000, G01N0033180000, G06Q0050040000, G01D0021020000, G06F0111020000</p> <p>(86) International Application No PCT/#</p> <p>Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Dr. VEMULA RAMADEVI Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, CVR COLLEGE OF ENGINEERING Street VASTUNAGAR, MANGALPALLI (V) City IBRAHIMPATNAM (M), RANGAREDDY (D), State TELANGANA Country INDIA Pin code 501 510 -----</p> <p>2)Mr. JADAPALLI SREEDHAR 3)Dr.MLEENIN SUNDAR 4)Mr.A.NAVEEN 5)Mr. LUBEN RAJ R 6)Mr. AMIT JAYKUMAR CHINCHAWADE 7)Dr. P. JANARDHAN SAIKUMAR 8)Mr. BINESHWAR KANNAN 9)Dr. S.RAMESH 10)Dr. S. VINAY BABU</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)Dr. VEMULA RAMADEVI Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, CVR COLLEGE OF ENGINEERING Street VASTUNAGAR, MANGALPALLI (V) City IBRAHIMPATNAM (M), RANGAREDDY (D), State TELANGANA Country INDIA Pin code 501 510 -----</p> <p>2)Mr. JADAPALLI SREEDHAR Address of Applicant : ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY Street AUSHAPUR, GHATKESAR, NEAR HPCL. City HYDERABAD State TELANGANA Country INDIA Pin code 501301 -----</p> <p>3)Dr.MLEENIN SUNDAR Address of Applicant :PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, SRI KRISHNA COLLEGE TECHNOLOGY Street ARIVOLI NAGAR, KOVAIPUDUR City COIMBATORE State TAMIL NADU Country INDIA Pin code 641042 -----</p> <p>4)Mr.A.NAVEEN Address of Applicant :UG STUDENT, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY Street AVINASHI - COIMBATORE RD, ARASUR City COIMBATORE State TAMIL NADU Country INDIA Pin code 641407 -----</p> <p>5)Mr. LUBEN RAJ R Address of Applicant :UG STUDENT, DEPARTMENT OF MECHANICAL ENGINEERING, SAVEETHA SCHOOL OF ENGINEERING, Street THANDALAM City CHENNAI State TAMIL NADU Country INDIA Pin code 602105 -----</p> <p>6)Mr. AMIT JAYKUMAR CHINCHAWADE</p>
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Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, filed a patent on “**Development, Authentication and Application of 3D Printed IoT based Water Quality Monitoring System 4.0 - An Industrial Revolution Approach**” on 03 December 2021.
 Application Number: 202141056110 A.

ECE | PROPOSAL SUBMITTED | AI BASED USER CENTRIC TICKETING SYSTEM



Dr Anju Asokan, Asst. Professor, Dept. of ECE, submitted a Project Proposal on **“AI based User Centric Ticketing System”** in SERB-Core Research Grant: Exponential Technologies on 14 December 2021

NEW VISTAS OF LEARNING



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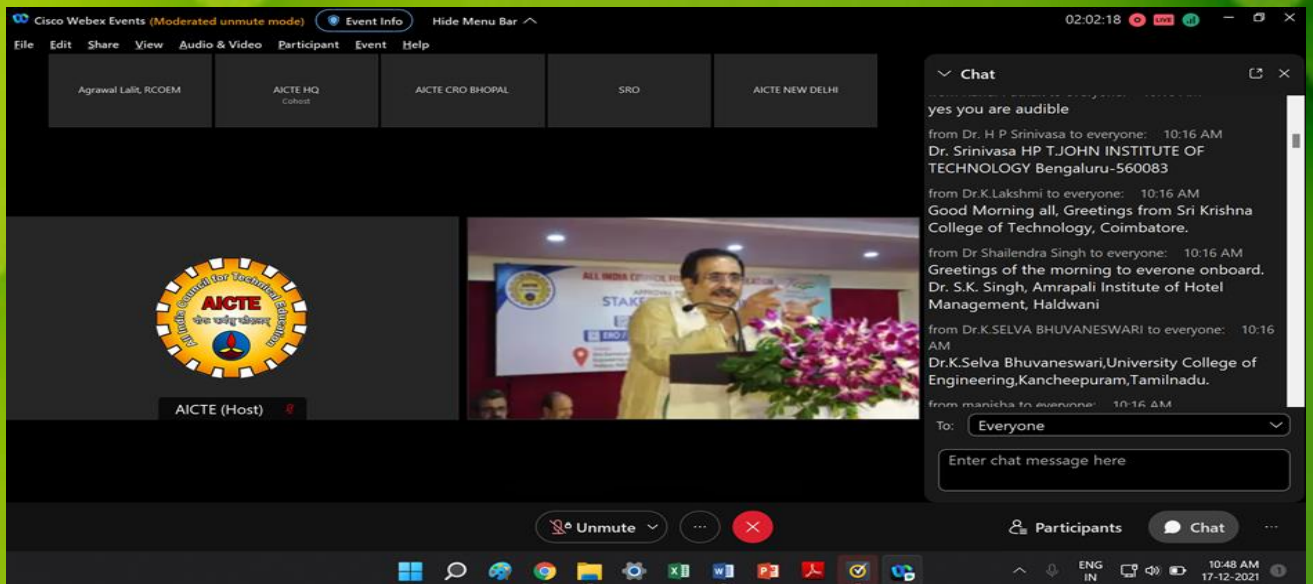
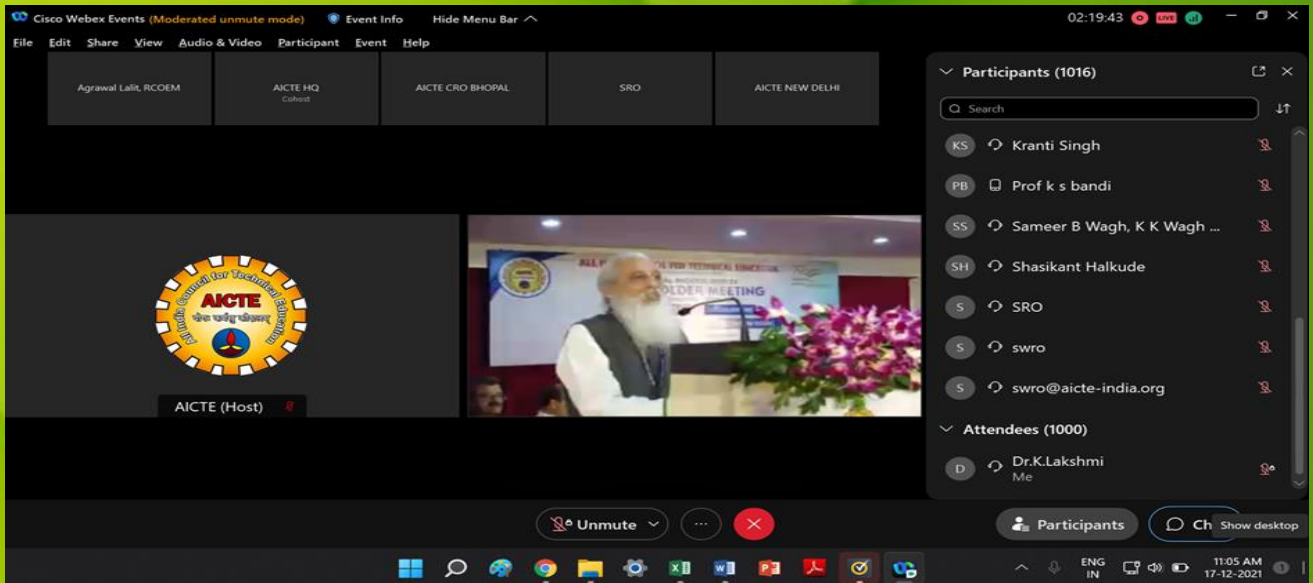
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ECE | ATAL FDP ON 5G ANTENNA DESIGN ENGINEERING

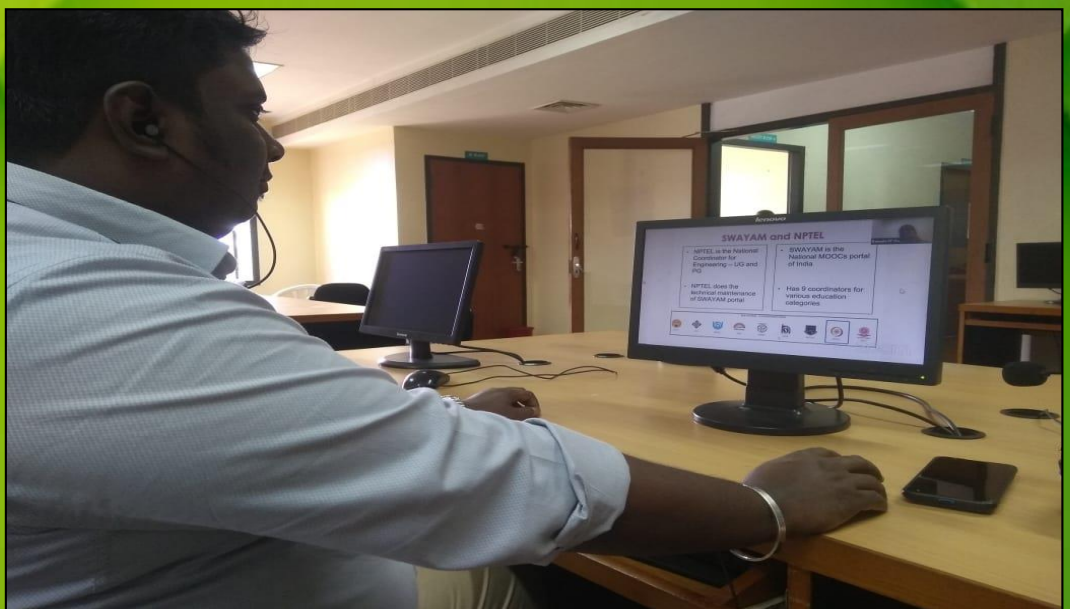
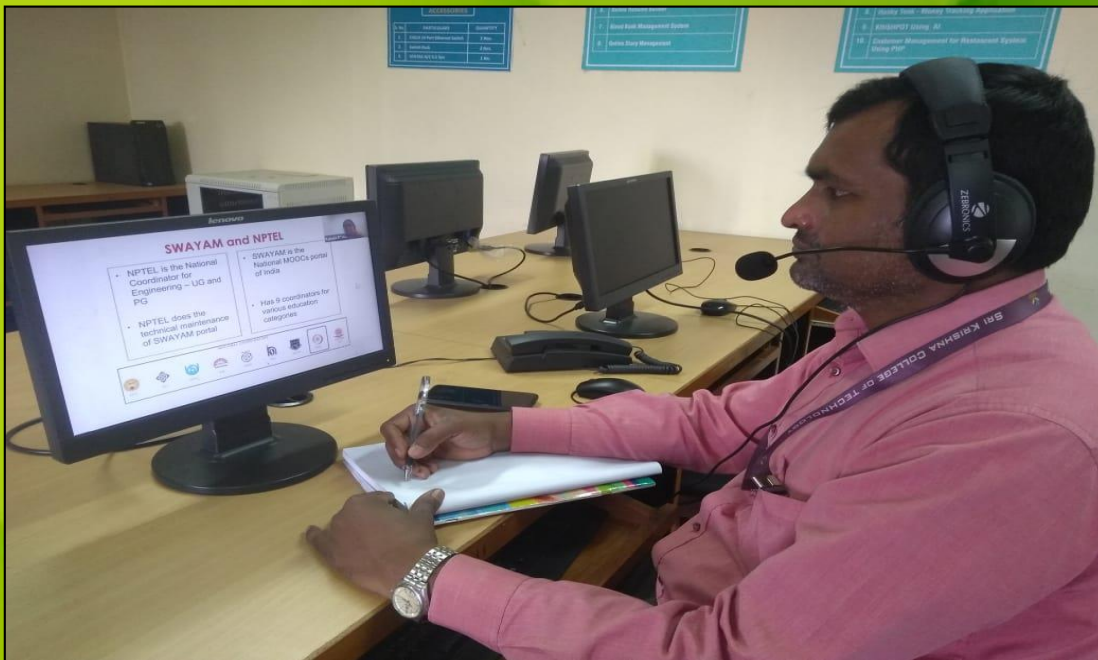


Dr S Malathy, Dr K Sumathi, Professors, Mr G Santhakumar and Ms B Priyanka, Asst. Professors, Dept. of ECE, attended the ATAL FDP on “5G Antenna Design Engineering” during 05-10 December 2021.

EEE | AICTE WORKSHOP STAKEHOLDER WORKSHOP ON APPROVAL PROCESS FOR ACADEMIC YEAR 2022-23

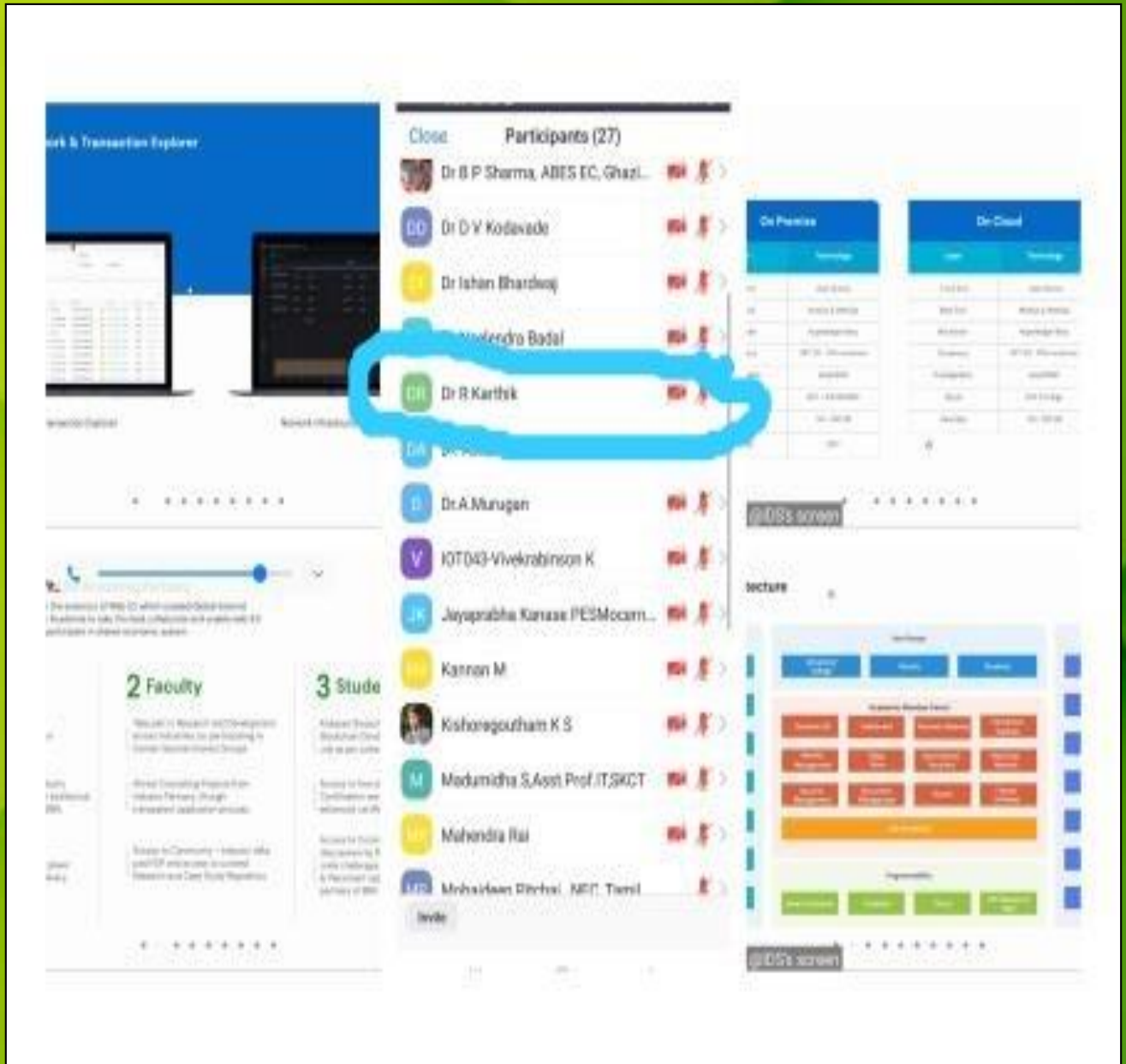


Dr K Lakshmi, Professor and Head, Dept. of EEE, attended an online event on “Stakeholder Workshop on Approval Process for Academic year 2022-23” organised by AICTE, New Delhi on 17 December 2021.

CSE | ONLINE WORKSHOP ON NPTEL AWARENESS

Dr R Karthik, Assoc. Professor and Mr S Sam Peter, Asst. Professor, Dept. of CSE, attended an online workshop on **“NPTEL Awareness”** in association with Sanjay Ghodawat University on 15 December 2021.

CSE | ONLINE SESSION ON BHARAT BLOCKCHAIN NETWORK (BBN)



Dr R Karthik, Assoc. Professor, Dept. of CSE, attended an Online Introductory Session on **“Bharat Blockchain Network (BBN)”** organised by Information Data Systems (idssoft) on 15 December 2021.

IT | ONLINE SESSION ON BHARAT BLOCKCHAIN NETWORK (BBN)

The screenshot shows a Zoom meeting window with a presentation slide titled "BBN Introduction.pdf". The slide content includes:

- PRODUCTS**
 - Trust Flow - Transforming Supply Chain through Blockchain**: TrustFlow is an interoperable supply chain consortium network, solving the challenges of end to end track and trace of a product, poor response times, co-ordination intensive order management, complex paper work, compliance and audit processes, inflexible ERP & Extra-Net applications.
 - Sungel X - Next generation Central Bank Digital Currency**: Sungel X has best in class features and technical capabilities of speed, scalability and security for central banks to issue and manage CBDC. The platform has service-oriented architecture for seamless integration with PSPs & Neo Banks. Controlled Decentralization is our value proposition.
- ACADEMIC PARTNERS**
 - Applied Blockchain Centre (ABC)**: To accelerate blockchain adoption across the world through design & development of benchmarks for Excellence in Blockchain practice in Industry. To enable our Academic partners to become centre of excellence in Blockchain for impactful R&D, Upskilling, Internships and Entrepreneurship.
 - Blockchain Certification Programs & Lab on Cloud**: We have Blockchain certification programs designed and delivered by industry practitioners with global relevance and credibility. We are Hyperledger Training Partner and learners get access to lab on cloud for Hands'on after the certification program.

Logos of various partners and clients are displayed at the bottom of the slide, including Ford, SAP, HETERO, Pfizer, CHANDLER AFFORDS, GM, MOVE, NEW YORK LIFE, WELLS FARGO, ABN AMRO Bank, HappyMinds, GBA, GARRANTO ACADEMY, MIT-AP, TASK, Skill AP, ICBM, and IDS.

The screenshot shows a Zoom meeting window with a slide titled "Our Magnificent Team". The slide features two profiles:

- Sudharshan Minumula**, Chief Executive Officer:
 - Sudharshan Minumula is the CEO and Managing partner at IDS. Sudharshan is an awarding business owner, technology visionary and high network individual well known for his ability to forge business collaborations. A senior IT executive and successful Entrepreneur branded himself as Leader, Inventor, and Investor with around two decades of experience.
 - Sudharshan gets his Client's toughest challenges resolved by modernizing their business processes, Applications, and Infrastructure with next generation digital transformation technology solutions with focus on sustainable relations built on quality, reliability, and trust to achieve client's ROI. Highly successful entrepreneur with extensive experience in managing IT and Real Estate companies.
 - He is skilled in Business Planning, Strategic partnership, Project Management, People Management, Customer Relationship, and execution.
 - Sudharshan serves as "Executive Board Member" of a renowned Entrepreneur's organization in USA. He passionately believes that we all can make a difference in providing positive value to our society. He makes an effort to positively impact the community through a number of philanthropy activities.
- Chinna Middela**, President & Co-Founder:
 - Chinna Middela is the co-founder, President and Managing partner at IDS. Chinna has been working in various industries like Telecom, Manufacturing, and Insurance for the for the last 28 years. Highly successful entrepreneur with extensive experience in managing group Technology, Telecommunications, Real Estate.
 - Skilled in Strategic Planning, Business Development, Vendor Management, Leadership, and Team Management. Strong business development professional with a Master of Science (MS) focused on Chemical Engineering from Wayne State University.
 - Chinna has been very actively involved in promoting charity organizations and community services for the last 20 years. AT&T American Telugu Association - Board of trustee.

The slide also includes the text "All Rights Reserved 2021" and the IDS logo.

Ms S Madumidha, Asst. Professor, Dept. of IT, attended an Online Introductory Session on "Bharat Blockchain Network" organised by AICTE and powered by Information Data Systems (IDS) on 15 December 2021.

IT | BRAIN STORMING SESSION ON CO/PO ATTAINMENT



**SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE-42**



(An Autonomous Institution, Accredited by NAAC with 'A' Grade)

CERTIFICATE OF PARTICIPATION

Dr R Vidhya

**FOR HIS/HER PARTICIPATION & EXCELLENT PERFORMANCE DURING
THE BRAIN STORMING SESSION ON "CO/PO ATTAINMENT"**

**11 December
2021**



**DR P MANJU
IQAC CO-ORDINATOR**



**SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE-42**



(An Autonomous Institution, Accredited by NAAC with 'A' Grade)

CERTIFICATE OF PARTICIPATION

Ms.M.Malathi

**FOR HIS/HER PARTICIPATION & EXCELLENT PERFORMANCE DURING
THE BRAIN STORMING SESSION ON "CO/PO ATTAINMENT"**

**11 December
2021**



**DR P MANJU
IQAC CO-ORDINATOR**

Dr R Vidhya and Ms M Malathi, Asst. Professors, Dept. of IT, attended a Brain Storming Session on "Co/Po Attainment" organised by IQAC on 11 December 2021.

EEE | FACULTY CERTIFICATION | ATAL FDP ON RESEARCH ISSUES IN ELECTRICAL VEHICLES



Ms S Ashadevi, Asst. Professor, Dept. of EEE, attended an online Atal FDP on “**Research Issues in Electrical Vehicles**” organised by Alagappa Chettiar Government College of Engineering and Technology, Karaikudi during 06-10 December 2021.

CIVIL | WEBINAR ON IMPORTANCE OF SOIL INVESTIGATION FOR INFRASTRUCTURE PROJECTS



PRESIDENCY UNIVERSITY

PRESIDENCY GROUP
OVER
40 YEARS
OF
ACADEMIC
WISDOM

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi



Department of Civil Engineering, Presidency University, Bengaluru

Certificate of Participation

PU-CIV-FORCE-22161

This is to certify that

Dr. V Sathish Kumar

from

Sri Krishna College of Technology, Coimbatore

has participated in a webinar on “Importance of Soil Investigation for Infrastructure Projects” delivered by Dr. Shivakumar G Patil. The webinar was organized on the occasion of World Soil Day by FORCE - Forum of Civil Engineering and Department of Civil Engineering, School of Engineering, Presidency University, Bengaluru on 04 December 2021

Dr. Nakul Ramanna
Head, Department
of Civil Engineering

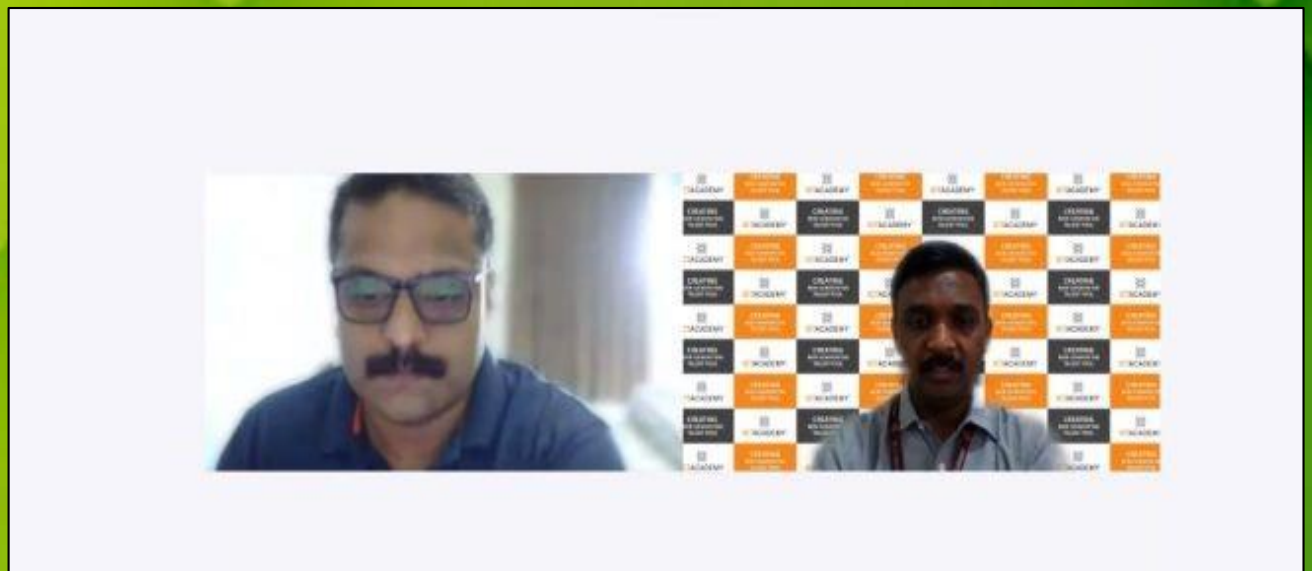
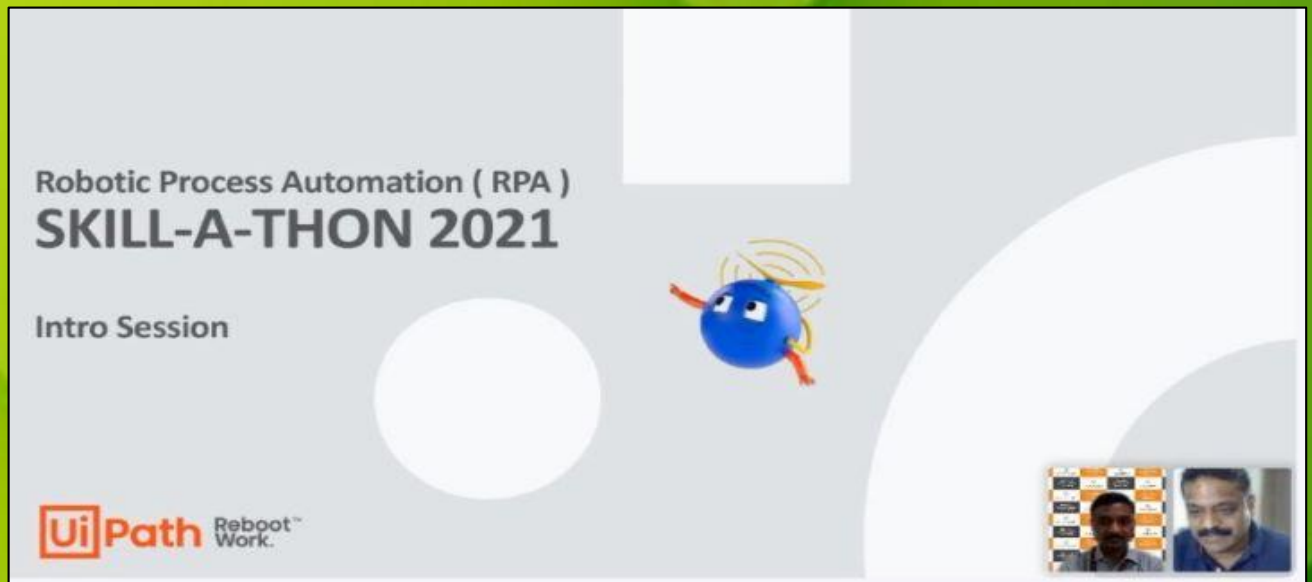
Dr. S B Anadinni
Associate Dean, SoE

Dr. Abdul Sharief
Dean, SoE

Dr. A M Surendra Kumar
Pro-Vice Chancellor
and Controller of Examinations

Dr Sathish Kumar V, Asst. Professor, Dept. of Civil Engineering, attended a webinar on “**Importance of Soil Investigation for Infrastructure Projects**” organised by FORCE and Presidency University, Bengaluru on 04 December 2021.

IT | WEBINAR ON INAGURATION OF ROBOTIC PROCESS AUTOMATION'S SKILL-A-THON AND ANNOUNCEMENT OF THE PARTNERSHIP OF ICT ACADEMY WITH UI PATH



Mr A Sureshkumar and Dr R Vidhya, Asst. Professors, Dept. of IT, attended **“Inauguration of Robotic Process Automation's Skill-A-Thon and Announcement of the Partnership of ICT Academy with Ui Path”** on 10 December 2021.

MEETINGS & DISCUSSIONS



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EEE | HOD INTERACTION WITH STUDENTS

Dr K Lakshmi, Professor and Head, Dept. of EEE, addressed the Students of First B.E. EEE (Batch 2021-2025), regarding the thrust areas for active learning, extracurricular activities and Covid safety.

IT| STUDENTS' INTERACTION

The Students of Third B.Tech. IT interacted with the Students of First B.Tech. IT regarding department activities on 10 December 2021.

SKCT | NPTEL MEETING

Mr S Ganesh Prabhu, Asst. Professor and NPTEL SPOC, Dept. of ECE, conducted a meeting with the NPTEL - Dept. Coordinators on 16 December 2021.

EEE | DEPARTMENT MEETING

Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding Attendance Proforma, MyKlassroom Component Entry for the Students of Second and Third B.E., CIA 1 for First Years, IQAC Internal Audit etc. on 16 December 2021.

CSE | DEPARTMENT MEETING

Dr P Tamije Selvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding Academic Activities and Placement Progress on 15 December 2021.

MECH | DEPARTMENT MEETING

Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, conducted a meeting with the Members of Faculty regarding R&D Activities and Academic Activities on 15 December 2021.

EVENTS ORGANISED



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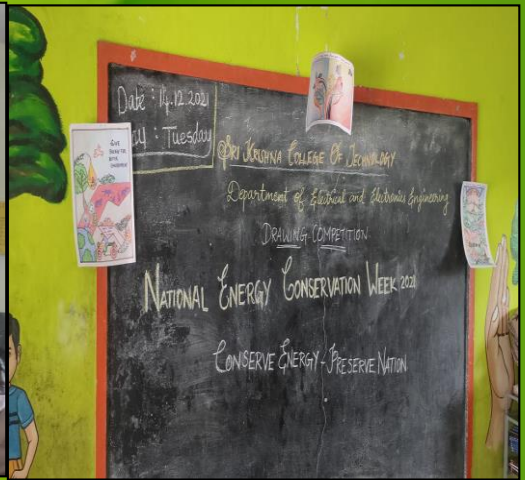


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EEE | OUTREACH ACTIVITIES | NATIONAL ENERGY CONSERVATION DAY



SRI KRISHNA COLLEGE OF TECHNOLOGY
SRI KRISHNA TECHNOLOGICAL INSTITUTES
Approved by AICTE (Affiliated to Anna University)
Accredited by AACSB, ISO 9001
Engineering, Computer Science, Health

Department of Electrical and Electronics Engineering

NATIONAL ENERGY CONSERVATION WEEK- 2021
"CONSERVE ENERGY- PRESERVE NATION"

MAKE YOUR PARTICIPATION

DESIGN CONTEST	PROJECT CONTEST
APP DEVELOPMENT 09.12.2021 to 15.12.2021	SLOGAN WRITING
PAPER PRESENTATION 15.12.2021	VIDEO CONTEST

CONVENER
Dr. K. Lakshmi, M.E., Ph.D.
Professor and Head
VJECET-EEE

CO-ORDINATORS
Mr. V. Anandaraman
Mr. P. Lenin Pugalhanthi
(Asst. Prof. EEE)
Dr. G. Sophia Jasmine
Assoc. Professor /VJECET-EEE



Dr K Lakshmi, Professor and Head, the Members of Faculty and the Students of B.E. EEE, Dept. of EEE, organised Oratorical and Drawing Competition on **“Energy Conservation”** as a part of the celebration of National Energy Conservation Day 2021. Dr Sophia Jasmine, Assoc. Professor and Mr Leninpugalhanthi, Asst. Professor, Dept. of EEE, coordinated the event on 14 December 2021.

CIVIL | OUTREACH ACTIVITIES



Coimbatore, Dec 13:

The Department of Civil Engineering of Sri Krishna College of Technology (SKCT), Kovaipudur, Coimbatore in association with Institution's Innovation Council (IIC) and Green Club Coimbatore organized various events like Poetry, Essay Writing and Sketching for the students of Rukmani Kannan Vidyalaya (R K V) Matriculation Higher Secondary School, Kovaipudur, to create awareness among the students on the occasion of National Pollution Prevention Day.

An awareness talk on National Pollution Prevention Day was delivered to the school students and followed by the talk, a Pledge on Pollution Prevention was taken by all by committing towards sustainability and clean environment. Dr.Srinivasan Alavandhar, Principal, Dr.I.Padmanaban, Head, Department of Civil Engineering initiated the programme. T.P.A.Aravind, J.Robinson and S.Muthu Keerthana, Assistant Professors, alongwith their students from third and fourth year students conducted the events and awarded prizes with certificates to the winners of each event.



ஸ்ரீகிருஷ்ணா தொழில்நுட்பக்கல்லூரியில்

தேசிய மாசு கட்டுப்பாட்டு தின விழிப்புணர்வு நிகழ்ச்சி

கோவை, டிச.12-

கோவைப்புதுரையில் உள்ள ஸ்ரீகிருஷ்ணா தொழில்நுட்பக்கல்லூரியின் கட்டிட கட்டுமான துறை சார்பில் ருக்மணி கண்ணன் வித்யாலயா மெட்ரிகுலேசன் பள்ளியில் தேசிய மாசு கட்டுப்பாட்டு தின விழிப்புணர்வு நிகழ்ச்சியை நடத்தியது.

இதில் இப்பள்ளியில் பயிலும் மாணவர்களுக்கு சுற்றுப்புற துழ்நிலையை பாதுகாப்பது குறித்த கவிதை, கட்டுரை, ஓவியம், வர்ணம் தீட்டுதல் உள்பட பல்வேறு போட்டிகள் நடத்தி சிறப்பாக தேர்ந்தெடுக்கப்பட்ட மாணவ-மாணவிகளுக்கு பரிசுகள் மற்றும் சான்றிதழ்கள் வழங்கப்பட்டது.

மேலும் இதில் மாணவர்களுக்கு எவ்வாறு நமது சுற்றுப்புறத்தை பாதுகாப்பது, அதேபோல் நீர் சிக்கனம், மரம் நடுதல், பிளாஸ்டிக்கை தடுப்பது, மாசுபடுதல் குறித்து பேசப்பட்டது. அனைவரும் விழிப்புணர்வு உறுதிமொழி எடுத்துக் கொண்டனர்.

நிகழ்ச்சியில் கல்லூரி முதல்வர் ஸ்ரீனிவாசன் ஆளவந்தார், துறை தலைவர் பத்மநாபன் ஆகியோர் கலந்து கொண்டு நிகழ்ச்சியை தொடங்கி வைத்தனர். இத்துறையின் பேராசிரியர்கள் அரவிந்த், ராபின்சன், முத்துகீர்த்தனா நிகழ்ச்சியை ஒருங்கிணைத்தனர். பள்ளி முதல்வர், ஆசிரியர்கள், கல்லூரி மற்றும் பள்ளி மாணவர்கள் கலந்து கொண்டனர்.



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The Dept. of Civil Engineering organised Outreach Activities as a part of the celebration of “**National Pollution Prevention Control Day**” at R K V School, Kovaipudur on 02 December 2021.

SKCT | EVENT ORGANISED | NATIONAL DIGITAL LIBRARY OF INDIA (NDLI) DATABASE ORIENTATION PROGRAMME

Pleasure Reading: World Classics and best-sellers

From Sources like:

- World eBook Library
- Project Gutenberg
- LibriVox
- West Bengal Public Library
- Library of Congress, etc.

Search Keyword: Magnetism

Results: 1116,674

Educational level: V-VII and VIII (8 results)

Search filter: Career/Technical Paper (219 results)

GOOGLE VS. NDLI

	SEARCH	ACCI	Additional Features with NDLI
1. Curated Content	×	✓	• Additional Features like Recommendations of related items, Full content download, etc. with multiple filters and options.
2. Narrow down results using advanced search options	×	✓	• Accessible content through audio, video, images, etc. in multiple languages. Also can get the content in multiple languages.
3. Multiple platforms	×	✓	• The NDLI content is available across a wide range of mobile devices and desktops. It is available through the SKCT website and also through the NDLI mobile app.
4. National currency	×	✓	• The content is available in multiple languages and is accessible to all. It is available in multiple languages and is accessible to all.

This is Payel

- Payel is now in class VIII. Her native language is Bengali.
- Her final exams are next month. She is interested in the subject of Physics.

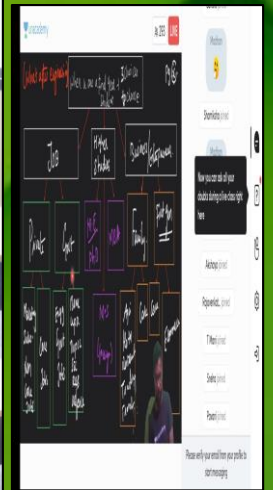
This is Shamik

- Shamik is an engineer.
- He is interested to apply for technical papers.

Participants in the video call: Kirthika Bheeman, Dr. Jeya prakash, Dr. Vignesh Sornamohan.

SKCT Central Library organised a “NDLI Database Orientation Programme” facilitated by Dr Vignesh Sornamohan, Chief Technical Officer for Strategy and Outreach, National Digital Library of India, Ministry of Education, Government of India. Dr Jeyaprakash, Librarian, SKCT, coordinated the event.

**IT | EVENT ORGANISED | UNACADEMY | GATE
AWARENESS PROGRAMME**



The Students of B.Tech. IT attended a “Unacademy - Gate Awareness Programme” on 15 December 2021.

**CSE | EVENT ORGANISED | WORKSHOP ON
PROBLEM SOLVING AND IDEATION**

The Dept. of Computer Science and Engineering in association with Institution's Innovation Council organised a workshop on **“Problem Solving and Ideation”** facilitated by Mr N Vishnu Sakravarthy, Certified Trainer on Entrepreneurship, EDII Ahmedabad, IIC Innovation Ambassador on 11 December 2021.

ECE | EVENT ORGANISED | INTERNATIONAL WEBINAR ON ENTREPRENEURSHIP OPPORTUNITIES IN HEALTHCARE INDUSTRY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
[Accredited by NBA under Tier-I]
&
Institution's Innovation Council (IIC)

Cordially invites you for an International Webinar
on
**Entrepreneurship opportunities
in Healthcare Industry**

11.12.2021, 11.30 AM

Ms. Hemapriya Dhamodaran
Specialist Clinical Technologist
Royal Infirmary of Edinburgh

Presided by
Dr. Srinivasan Alexander

Convenor
Dr. S. M. Tamilanban

Characteristics of an Entrepreneur

- Creativity:** this is the spark that drives the development of new products or services or ways to do business. It is the need for innovation and improvement. It is continuous learning, questioning, and thinking outside of prescribed formats.
- Diligence:** this is what motivates the entrepreneur to work hard, 12 hours a day or more, even providing a weekly report to the top management to get their feedback or to get their approval to move forward.
- Determination:** is the extremely strong desire to achieve success. It includes persistence and the ability to bounce back after rough times. It persuades the entrepreneur to put extra efforts. For the true entrepreneur, money is not the motivation. Success is the motivator, money is the reward.
- Flexibility:** is the ability to move quickly in response to changing market needs. It is a story of an entrepreneur who started a provision store, but customer's needs in buying ration as well. Rather than taking the loss or above customer, the entrepreneur modified his vision to accommodate these needs.

Brainstorming and Planning

- Brainstorming** is a technique used to help individual or groups generate multiple ideas and alternatives on a particular issue.
- Business Plan** is a step-by-step outline of how an entrepreneur or the owner of an enterprise expects to turn ideas into reality.
- It is a written description of how your business will evolve from when it starts to the finish product.

Formalizing the Legal Business Structure

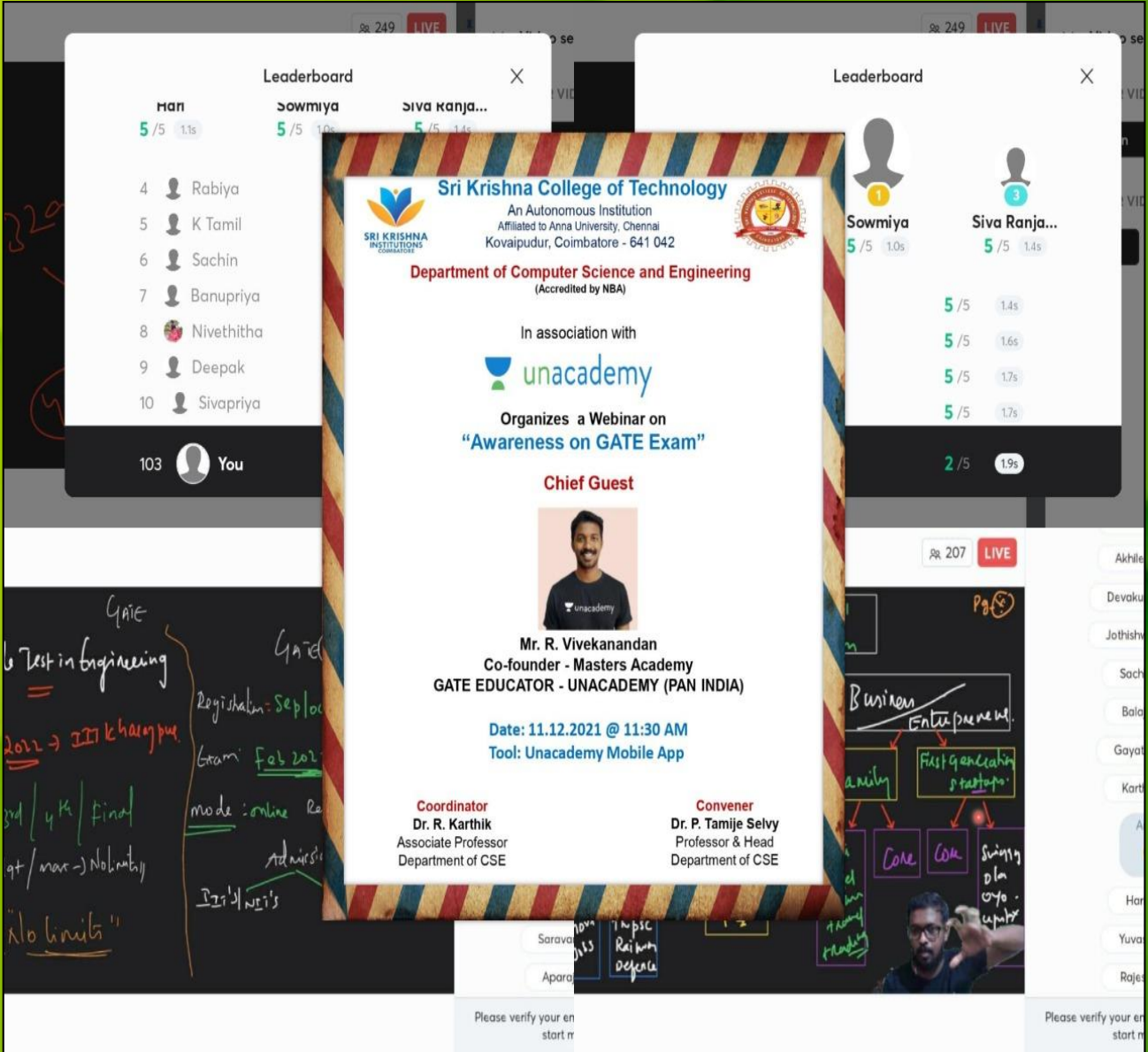
- Make provision of all the legal and formal issues related to the business.
- Decide on the entity and register your business with relevant bodies.
- Consult professionals, potential investors and partners and more for guidance.

Final Words

- Manage time and stress appropriately
- Be patient and dedicated
- Be current on government policies
- Be current on market dynamics and global practices
- Network with a community of professionals and like minds

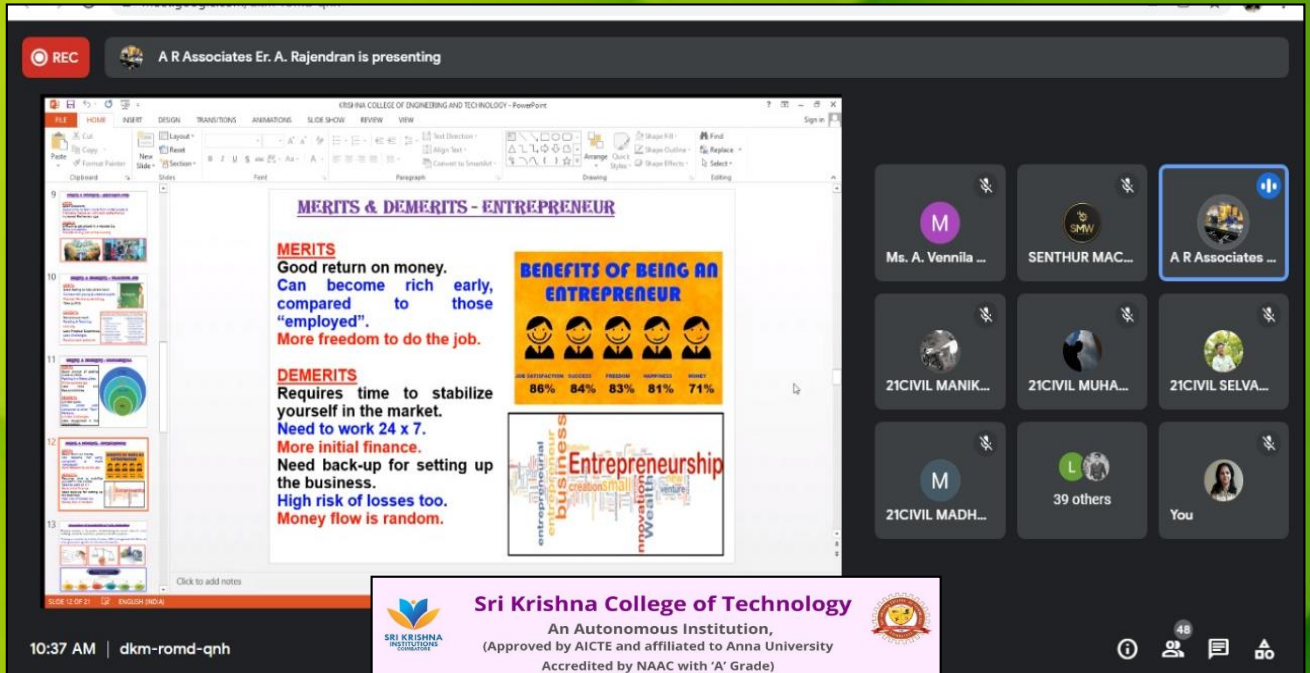
The Dept. of ECE and IIC organised an International Webinar on **“Entrepreneurship Opportunities in Healthcare Industry”** facilitated by Ms Hemapriya Dhamodaran, Specialist Clinical Technologist, Royal Infirmary of Edinburgh, Edinburgh, United Kingdom on 11 December 2021. Dr Thillai Rani, Ms Yamini Shanmugam, Dr B Banuselvasaraswathy and Mr S Ganesh Prabhu, Asst. Professors, Dept. of ECE, coordinated the event.

**CSE | EVENT ORGANISED | WEBINAR ON
 AWARENESS ON GATE EXAM CUM QUIZ SESSION
 THROUGH UNACADEMY**



The Dept. of CSE organised a webinar on “Awareness on GATE Exam cum Quiz Session through UNACADEMY” on 11 December 2021.

CIVIL | EVENT ORGANISED | WEBINAR ON CHALLENGES AND OPPORTUNITIES IN CIVIL ENGINEERING



Sri Krishna College of Technology
An Autonomous Institution,
(Approved by AICTE and affiliated to Anna University
Accredited by NAAC with 'A' Grade)
Kovaipudur, Coimbatore - 641 042.

DEPARTMENT OF CIVIL ENGINEERING
(Accredited by NBA)
in association with

INSTITUTION'S INNOVATION COUNCIL
(Initiated by IIT Bombay)

cordially invites you to join a webinar on

**CHALLENGES AND OPPORTUNITIES
IN CIVIL ENGINEERING**

RESOURCE PERSON
Er.A.RAJENDRAN, M.E.
DIRECTOR
AR FASCINATE SHELTERS PVT LTD
COIMBATORE

DECEMBER 11, 2021
10.00 AM

Google Meet

The Dept. of Civil Engineering organised a webinar on “**Challenges and Opportunities in Civil Engineering**” facilitated by Er A Rajendran, Director AR Fascinate Structures on 11 December 2021.

CIVIL | EVENT ORGANISED | WEBINAR ON WATERBODIES CONSERVATION - AN INNOVATIVE APPROACH

REC Kovai Kulangal Padhukappu Amaippu is presenting

1 inch of rainfall on a **2000** sqft roof collects **4,731** litres of rain water

11:57 AM | xwj-njja-tnk


SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution, Accredited by NAAC with 'A' Grade)
Kovaiipudur, Coimbatore - 641 042.

DEPARTMENT OF CIVIL ENGINEERING
&
INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

GREEN CLUB

Cordially invites you for the webinar on
"Water bodies conservation - An innovative approach"

Resource Person


Mr. R. Manikandan
Founder,
Kovai Kulangal Padhukappu Amaippu
National Water Warrior Awardee

Date: 11/12/2021
Time: 11.30am to 12.30pm

Google Meet

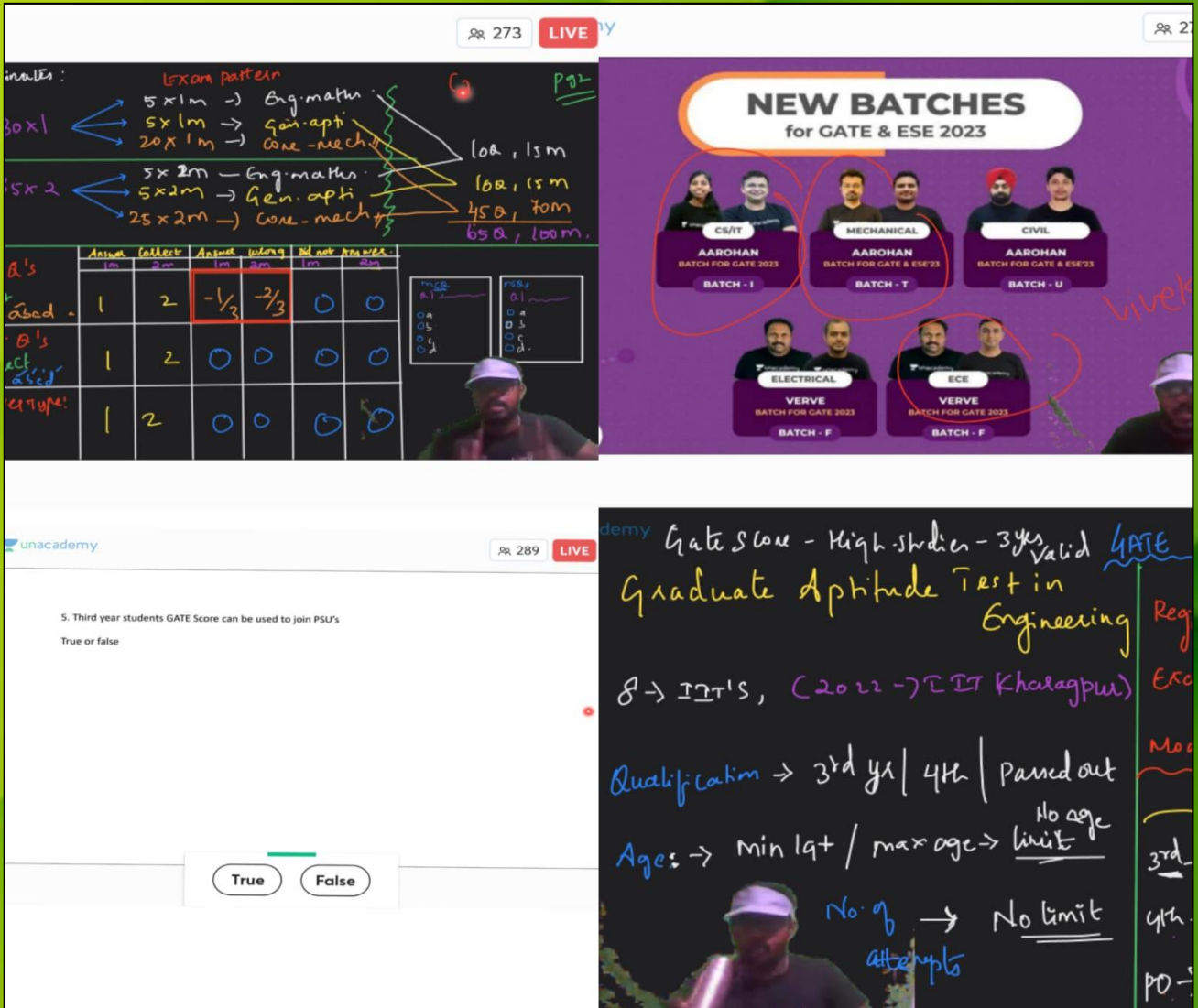
The Dept. of Civil Engineering organised a webinar on **"Waterbodies Conservation - An Innovative Approach"** facilitated by Mr R Manikandan, Founder - Kovai Kulangal Padhukappu Amaippu, Coimbatore on 11 December 2021.

MECH | EVENT ORGANISED | SEMINAR ON FUNDAMENTALS OF ADDITIVE MANUFACTURING



The Dept. of Mechanical Engineering organised a webinar on **“Fundamentals of Additive Manufacturing”** for the Students of Second B.E. Mr J Abdullah, Chief Technical officer, Coimbatore CAD Solutions Pvt. Ltd., Coimbatore, facilitated the session on 14 December 2021.

MECH | EVENT ORGANISED | WEBINAR ON AWARENESS AND QUIZ SESSION ON GOVERNMENT JOB OPPORTUNITIES



The Dept. of Mechanical Engineering organised a webinar on “Awareness and Quiz Session on Government Job Opportunities” facilitated by Mr Vivekanandhan, Unacademy, Learning App on 15 December 2021. Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, coordinated the event.

EEE | EVENT ORGANISED | GUEST LECTURE ON ENERGY CONSERVATION AND ELECTRICAL SAFETY



The Dept. of EEE organised a Guest Lecture on “**Energy Conservation and Electrical Safety**” facilitated by Er R Gunabalan, Senior Manager and Er S Sivakumar, Asst. Engineer, Technical Training and Development Centre, TANGEDCO, Coimbatore on 15 December 2021. Dr Sophia Jasmine, Assoc. Professor and Mr Leninpugalhanthi, Asst. Professor, Dept. of EEE, coordinated the event.

CLUB ACTIVITIES



@skctdigest



@skctofficial

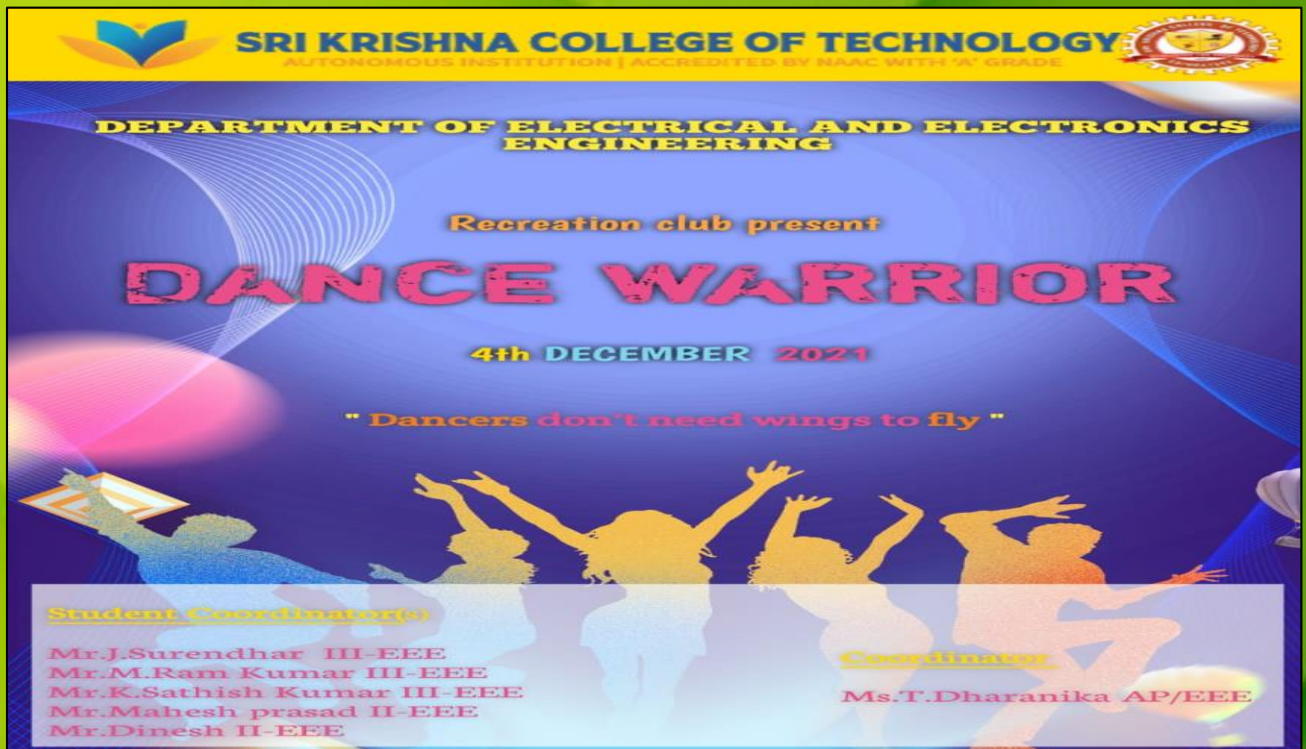


digestfeedback@skct.edu.in

CSE | CLUB ACTIVITY | FEATURETTE CLUB

Dr R Karthik, Assoc. Professor and Mr S Sam Peter, Asst. Professor, Dept. of CSE, organised various activities through **“Featurette Club”** on 16 December 2021 .

EEE | CLUB ACTIVITIES | RECREATION CLUB



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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Recreation club present

DANCE WARRIOR

4th DECEMBER 2021

" Dancers don't need wings to fly "

Student Coordinators

Mr.J.Surendhar III-EEE
Mr.M.Ram Kumar III-EEE
Mr.K.Sathish Kumar III-EEE
Mr.Mahesh prasad II-EEE
Mr.Dinesh II-EEE

Coordinator

Ms.T.Dharanika AP/EEE



The Dept. of EEE conducted a "Dance warrior" as a part of Recreation Club Activity on 04 December 2021.

13

**STUDENTS'
PARTICIPATIONS**

18

**FACULTY
PARTICIPATIONS**

5

RESEARCH

9

**NEW VISTAS OF
LEARNING**

6

**MEETINGS &
DISCUSSIONS**

12

**EVENTS
ORGANISED**

2

CLUB ACTIVITIES

