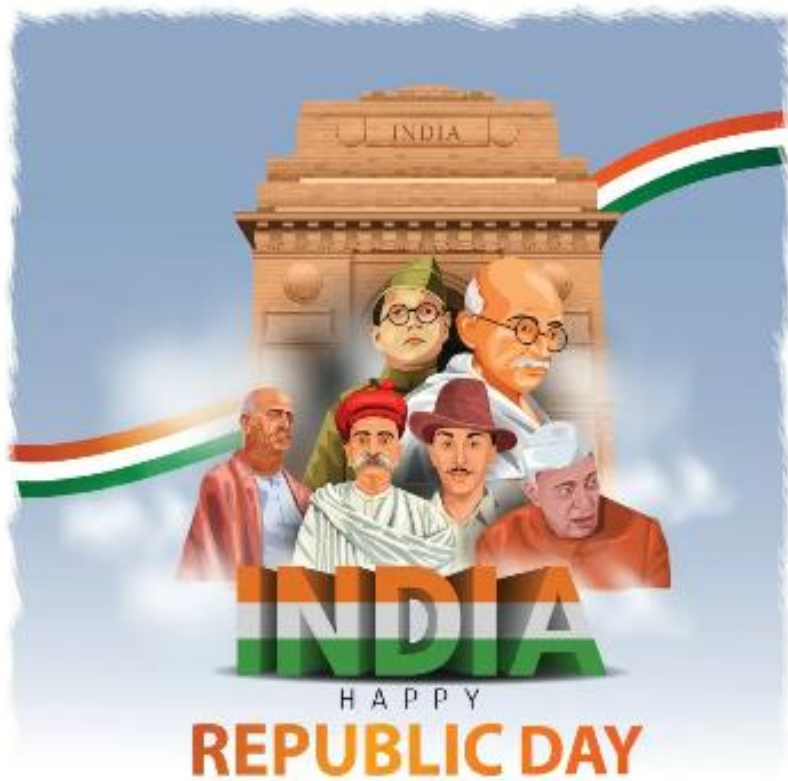


SKCT

DIGEST

SPECIAL ISSUE - 87

24 - 28 JANUARY 2022



EDITOR - IN - CHIEF

Dr V Sreevidya,
Principal In-charge

EDITORIAL TEAM

Ms S Soundarya, CSE

Ms S Thenmozhi, ECE

Ms B Pavithra, SSH



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REPUBLIC DAY CELEBRATION



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digestfeedback@skct.edu.in

SKCT | REPUBLIC DAY CELEBRATION

The Republic Day of India was celebrated on 26 January 2022 in the premises of Sri Krishna College of Technology, Coimbatore. The event commenced with the hoisting of the National Flag by **Sri K Adithya, Trustee, Sri Krishna and VLB Trust**. He enlightened everyone to contribute in their respective fields to see India flourish and progress in the direction of a bright and prosperous future. Dr S Maragatham, Director, welcomed the gathering and Dr V Sreevidya, Principal In-charge, highlighted the significance of observing the Republic Day. Dr E Prince Edward, Lecturer (Selection Grade II), Sri Krishna Polytechnic College, Coimbatore, delivered the Vote of Thanks.

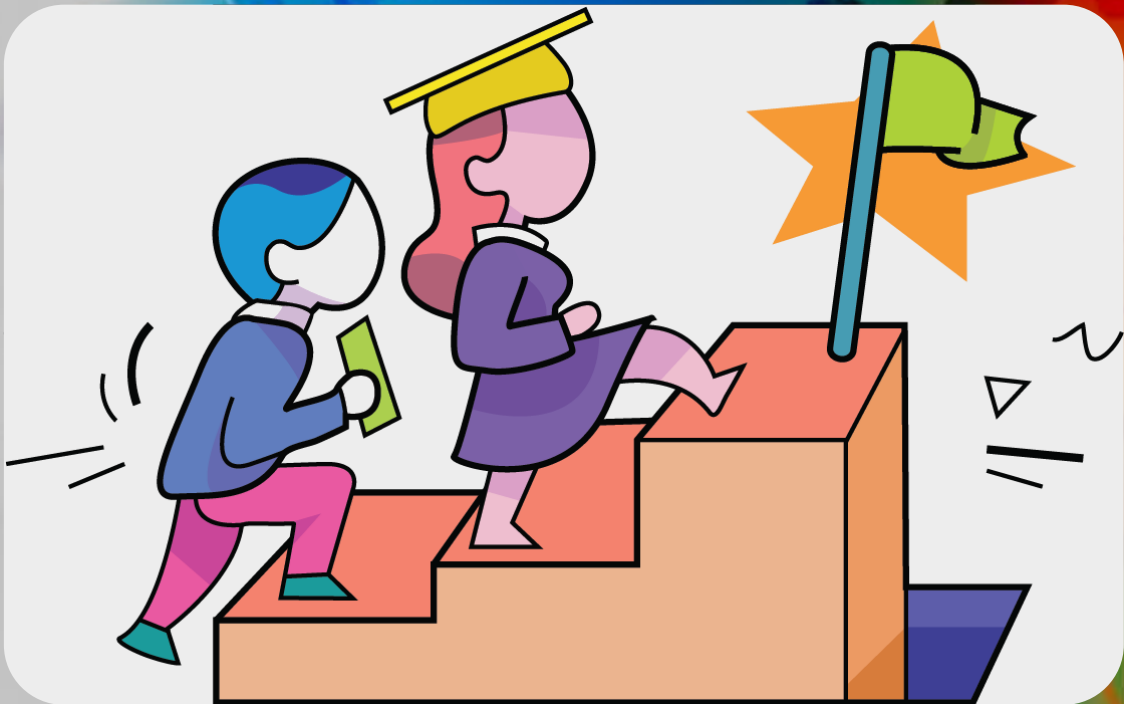
SKCT | REPUBLIC DAY CELEBRATION



SKCT | REPUBLIC DAY CELEBRATION



STUDENTS' PARTICIPATIONS



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EEE | STUDENT ACHIEVEMENT | INTRA COLLEGIATE LEVEL SKCT-FIT INDIA CHALLENGE TOURNAMENT 2021



SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
KOVAIPUDUR, COIMBATORE – 641 042, INDIA



INTRA COLLEGIATE LEVEL SKCT - FIT INDIA CHALLENGES TOURNAMENT
(Burpees, Push Ups, Free Squats, Crunches , Leg Raises & Plank Halasana, Dhaunursana, Hastapadasana & Uttanasana.)

Virtual Events
Organized by
Fit India movement-Azadi ka Amrit Mahotsav
Department of Physical Education






CERTIFICATE OF APPRECIATION



This is to certify that **Mrs. RITHIKA GAYATHRI III -EEE** has secured First place in the Intra Collegiate Skct - Fit India Challenges Tournament 2021 Organized by Fit India movement-Azadi ka Amrit Mahotsav Department of Physical Education, Sri Krishna college of technology Coimbatore on 8 Oct to 27 Oct


Physical Director


Principal

SKCT students 'Surya Namaskar' project

Coimbatore, Jan 19:
Department of Physical Education of Sri Krishna College of Technology (SKCT), Kovaipudur, Coimbatore is conducting SKCT – Intramural Yoga Competition – 2022 via online for its office staff, faculties and students from January 12 to February 8.

The Ministry of Education, GOI recently sought the educational institutions to perform Surya Namaskar Yogasanas. Ministry of Ayush is supporting the National Yogasana Sport Federation (NYSF) with Ayush logo to conduct 75 crore Suryanamaskar



project on Amrit Mahotsava celebrations on the occasion of 75th anniversary of Independence in 30 States involving 30,000 institutes and 3 lakh students and performing

musical Suryanamaskar in front of tricolour on 26th January, 2022.

SKCT has been observing this since January 12. About 55 students and faculties of the college consented to

perform the Suryanamaskar every day from January 12 to February 8. All participants perform 12 poses of Surya Namaskar yoga asanas 13 times in a day for 21 days. They will take a 30 second video of performing along with a photo and upload it in a shared sheet by the college. Finally the participants will be given certificates by the Ministry. To motivate them, the college has planned this activity. Principal Dr.V.Sreevidya (i/c) kicked off the yogasana while C.Mariselvam, Director, Department of Physical Education arranged and coordinated.

WEDNESDAY 19-1-2022

TRINITY

Ms Rithika Gayathri, Student of Third B.E. EEE B section, secured the First Place in “Intra Collegiate Level SKCT - Fit India Challenge Tournament 2021” organised by Fit India Movement - Azadi Ka Amrit Mahotsav.

**EEE | STUDENT CERTIFICATION | ONLINE CONTEST |
APPLICATIONS OF ENGINEERING SUBJECTS AU-
R2021**



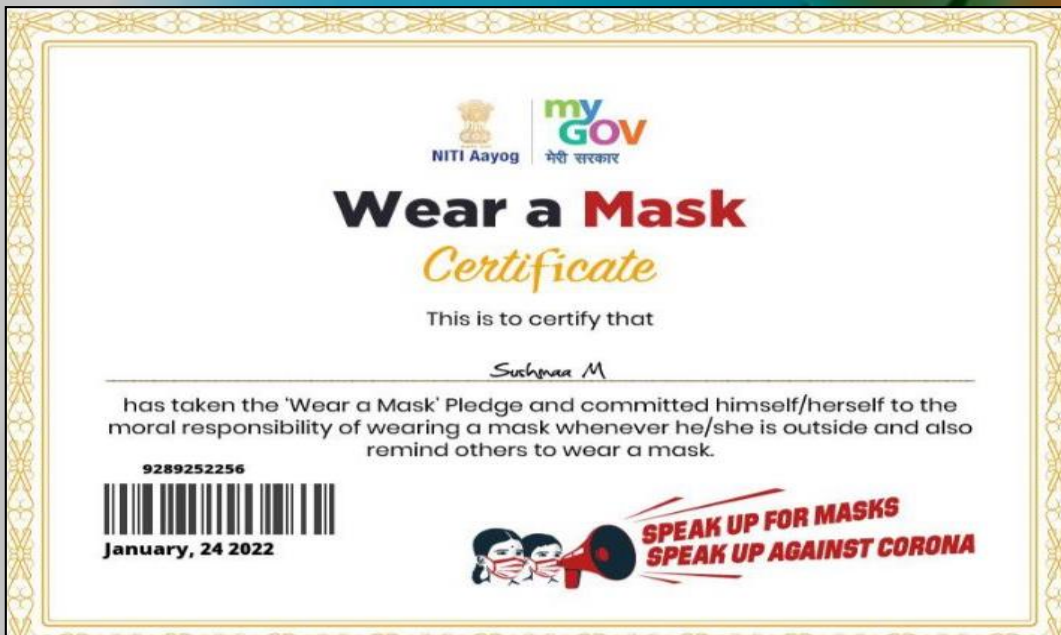
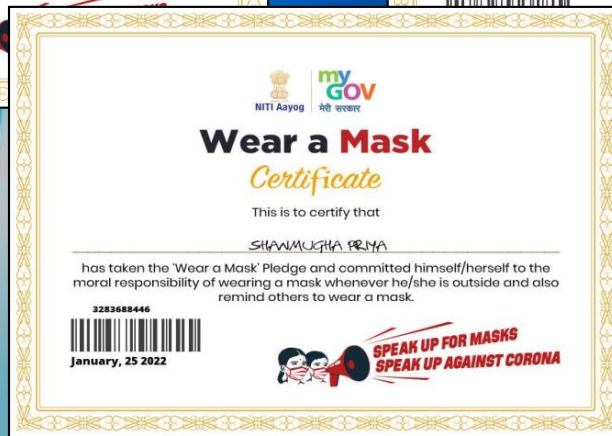
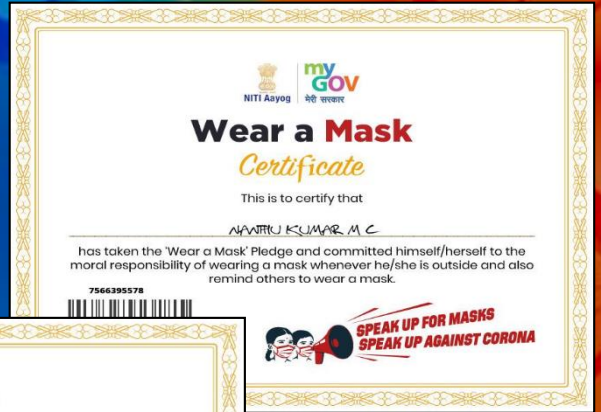
Mr Aswath A R, Student of First B.E. EEE, participated in an online contest on “**Applications of Engineering Subjects AU-R2021**” organised by Tutrpro. e-Learning Crop., Chennai on 10 January 2022.

CIVIL | STUDENTS' ACHIEVEMENTS | 6th INDIAN INTERNATIONAL CONFERENCE ON AIR QUALITY MANAGEMENT (IICAQM 2021) - TECHNICAL POSTER PRESENTATION



Mr Mohammed Fazil Sadiq Batcha, Ms M Sivapriya and Mr Abutariq Alianwardeen, Students of B.E. Civil Engineering, secured the First, Second and Third Place in a **"Technical Poster Presentation"** organised as a part of the 6th Indian International Conference on Air Quality Management (IICAQM 2021) by IIT MADRAS during 16-18 December 2021.

SoM | WEAR A MASK PLEDGE



The Members of Faculty and Students from the School of Management took a pledge on “Wear a Mask” on 24 January 2022.

FACULTY PARTICIPATIONS



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S&H | FACULTY ACHIEVEMENT | AWARDS RECEIVED

I2OR INTERNATIONAL
ACADEMIC EXCELLENCE AWARD 2022

ON THE OCCASION OF
INTERNATIONAL DAY OF EDUCATION
24th JANUARY 2022




MRS. P. SHEEBA RANJINI
Sri Krishna College of Technology,
Arivoli Nagar, Kovaipudur, Coimbatore-
Tamil Nadu



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I2OR INTERNATIONAL
ACADEMIC EXCELLENCE AWARD 2022

ON THE OCCASION OF
INTERNATIONAL DAY OF EDUCATION
24th JANUARY 2022




DR. V. PARIMALA
Sri Krishna College of Technology,
Arivoli Nagar, Kovaipudur, Coimbatore-
Tamil Nadu



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I2OR INTERNATIONAL
TEACHING EXCELLENCE AWARD 2022

ON THE OCCASION OF
INTERNATIONAL DAY OF EDUCATION
24th JANUARY 2022




Mrs. B. HARIPRIYA
SKCT, Coimbatore, Tamil Nadu, India



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Registered Trademark under The Trade Marks Act, 1999

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Ms P Sheeba Ranjini, Dr V Parimala and Ms B Haripriya, Asst. Professors, Dept. of Science and Humanities, received “**Academic Excellence Award**” and “**Teaching Excellence Award**” on the occasion of International Day of Education on 24 January 2022.

ECE | FACULTY ACHIEVEMENT | GUEST LECTURE DELIVERED

MUTHAYAMMAL ENGINEERING COLLEGE
(An Autonomous Institution)
(Approved by AICTE | Accredited by NAAC & NBA | Affiliated to Anna University)
Rasipuram - 637 408, Namakkal Dist., Tamil Nadu
Department of Electronics and Communication Engineering
&
The Institution of Electronics and Telecommunication Engineers (IETE)
in association with
Technology Learning Centre

The Management, Principal, Faculty and Students cordially Invite you to the

National Level Workshop
On
"Antenna Design using HFSS"

Resource Person
Dr. K. Sumathi
Professor / ECE
Sri Krishna College of Technology,
Coimbatore - 641 042

Dr. K. Gunasekaran
Secretary & Managing Trustee
Muthayammal Educational Trust & Research Foundation
will preside over the function

Dr. M. Madheswaran
Principal
Muthayammal Engineering College
will felicitate the function

Dr. U. Saravanakumar
Professor and Head / Department of ECE
Muthayammal Engineering College
will welcome the gathering

Date: 22.01.2022
Meet Link: <https://meet.google.com/hit-jtat-iqu>
Time: 02.00 pm - 4.30 pm

GUEST SPEAKER



The screenshot shows a Zoom meeting grid with the following participants:

- Rangarajan J (Initials: R)
- DEEPA V 19EC011 (Initials: D)
- 20EC124 Suruthi.M (Initials: S)
- Māñi tēja Ñāidú (Profile picture)
- 20EC114 Shashini V (Profile picture)
- Dean ECE (Initials: D)
- Durga.T 19EC022 (Initials: D)
- 41 others (Profile picture)
- You (Profile picture)

The 'People' sidebar on the right lists participants in call:

- Dr.K.SUMATHI Profe... (You)
- 19EC016 Dhanush M
- 19EC065 Prabu
- 20EC012 Laxman siddu
- 20EC045 Ghobi Chandru J
- 20EC074 Mohamed Irfan
- 20EC082 Muthazhaku K
- 20EC114 Shashini V

Dr K Sumathi, Professor, Dept. of ECE, delivered a Guest Lecture on **"Antenna Design using HFSS"** in a National Level Workshop organised by the Dept. of ECE, Muthayammal Engineering College, Rasipuram on 22 January 2022.

EEE | FACULTY ACHIEVEMENT | GUEST LECTURE DELIVERED



Department of Computer Science and Engineering & IIC of AEC

Cordially invites all to join the WORKSHOP on

**Pitching Event for Proof Of Concepts (POC) Developed &
Linkage with Innovation Ambassadors for Mentorship Support**

JAN 18 2022 | 06:00 PM

vyj-yvap-brg

www.arunai.org

Chief Guest

Dr.R.Senthilkumar
IIC Innovation Ambassador
Asst Professor, Dept of EEE
Sri Krishna College of Technology
Coimbatore.



Er.E.V.Kumaran
Vice Chairman

Dr.R.Sathiyaseelan
Registrar

Dr.R.Ravichandaran
Principal

Dr.M.Jothish Kumar
HOD-CSE

The screenshot shows a Google Meet interface. The main window displays a presentation slide with the following content:

- Title:** Pitching Event for Proof of Concepts Developed & Linkage with Innovation Ambassadors for Mentorship Support
- Logos:** Institution's Innovation Council (Ministry of Education Initiatives) and Arunai Engineering College.
- Illustration:** A graphic showing people working on a computer screen with gears and a lightbulb, labeled "PRODUCT DEVELOPMENT".
- Speaker:** Dr.R.Senthil Kumar, Asst. Professor/EEE, Sri Krishna College of Technology, Coimbatore.

On the right side of the screen, there is a grid of participant avatars, including Dr. R. Senthil Kumar, Principal AEC 5..., Final Year CSE..., 4028 Gnanaso..., Abitha Saravan..., 4105_Thirishaa..., 4021-Deepalak..., 47 others, and You.

The bottom of the screenshot shows the Windows taskbar with the time 6:19 PM on 18/01/2022.

Dr Senthilkumar P, Asst. Professor, Dept. of EEE, delivered a Guest Lecture on "Pitching Event for Proof of Concepts Developed and Linkage with Innovation Ambassadors for Mentorship Support" organised by Arunai Engineering College, Su. Kilnachipattu on 18 January 2022.

**ECE | FACULTY PARTICIPATION | CONFERENCE
ATTENDED | FRUIT RECOGNITION APPROACH BY
INCORPORATING MULTILAYER CONVOLUTION
NEURAL NETWORK**



Certificate of Presentation

This certificate is awarded to

Dhivya Priya E L

for successfully presenting the paper entitled

Fruit Recognition Approach by Incorporating Multilayer Convolution Neural Network

at the
4th International Conference on
Smart Systems and Inventive Technology (ICSSIT 2022)
organized by Francis Xavier Engineering College, Tirunelveli, India
on 20-22, January 2022.

Session Chair

Conference Chair
Dr. G. Rajakumar

Principal
Dr. V. Velmurugan

Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, presented a paper on **“Fruit Recognition Approach by Incorporating Multilayer Convolution Neural Network”** in the Fourth International Conference on Smart Systems and Inventive Technology organised by Francis Xavier Engineering College, Tirunelveli during 20-22 January 2022.

EEE | ONLINE CERTIFICATION ON ARTIFICIAL INTELLIGENCE



Dr P Santhosh, Asst. Professor, Dept. of EEE, completed 30-day Master Class on “**Artificial Intelligence**” offered through Pantech e Learning Pvt. Ltd., Chennai during 06 December 2021 - 04 January 2022.

EEE | TURNIP INNOVATION FESTIVAL 2022



Ms Manimegalai V, Asst. Professor, Dept. of EEE, attended a Pre Event and Main Event of “**Turnip Innovation Festival 2022**” offered through Turnip Innovations on 22 January 2022.

**CIVIL | WEBINAR ON PERFORMANCE EVALUATION
OF CONCRETE ROAD****CERTIFICATE**

PROUDLY PRESENTED TO

RAMESH R

Performance Evaluation of Concrete Road

Jan 15, 2022

Date of Completion

UltraTech Cement Ltd.

Organizer



Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a webinar on **“Performance Evaluation of Concrete Road”** organised by UltraTech Cements on 15 January 2022.

**CSE | FDP ON RECENT TRENDS OF ROBOTICS AND
AUTOMATION**

Certificate



This is to certify that **Ms. SATHYA BAMA S** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Recent Trends of Robotics and Automation”** held during **05.01.2022 to 11.01.2022** organized by **Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur, Rajasthan.**

Director (FDC)
AICTE, ND

Executive Secretary
ISTE, ND

Program Coordinator
SKIMG, Jaipur

Principal
SKIMG, Jaipur

Ms S Sathya Bama, Asst. Professor, Dept. of CSE, attended an Faculty Development Programme on **“Recent Trends of Robotics and Automation”** organised by Swami Keshvanand Institute of Technology, Jaipur, Rajasthan during 05-11 January 2022.

RESEARCH



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CSE | PATENT PUBLISHED

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 03/2022 Dated 21/01/2022 2840

(12) PATENT APPLICATION PUBLICATION (21) Application No.202131060741 A
(19) INDIA
(22) Date of filing of Application :24/12/2021 (43) Publication Date : 21/01/2022

(54) Title of the invention : WASTE MANAGEMENT IMPROVEMENT IN CITIES USING IOT

<p>(51) International classification :G06Q0050260000, B09B0001000000, B65F0001140000, B09B0005000000, B65F0001120000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Mr. SUPRAVA RANJAN LAHA Address of Applicant :RESEARCH SCHOLAR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SIKSHA 'O' ANUSANDHAN(DEEMED TO BE UNIVERSITY), KHANDAGIRI MARG, DHARAM VIHAR, JAGAMARA, BHUBANESWAR, ODISHA 751030 2)Dr. JINNAH SHEIK MOHAMED M 3)Ms. M.KAVITHA MARGRET 4)Dr. UMAVATHI M 5)Dr. NYNALASETTI KONDALA KAMESWARA RAO 6)Dr. K. KARUPPASAMY 7)Dr. BINOD KUMAR PATTANAYAK 8)Dr. SAUMENDRA PATTHAIK 9)Mr. S.SAM PETER 10)Dr. S.SRITHAR</p> <p>(72)Name of Inventor : 1)Mr. SUPRAVA RANJAN LAHA 2)Dr. JINNAH SHEIK MOHAMED M 3)Ms. M.KAVITHA MARGRET 4)Dr. UMAVATHI M 5)Dr. NYNALASETTI KONDALA KAMESWARA RAO 6)Dr. K. KARUPPASAMY 7)Dr. BINOD KUMAR PATTANAYAK 8)Dr. SAUMENDRA PATTHAIK 9)Mr. S.SAM PETER 10)Dr. S.SRITHAR</p>
---	---

(57) Abstract :
Trash collection is one of the most basic issues looked by Municipal Corporation. While carrying out the waste administration in urban communities the greatest challenge is the administration of waste in cost ideal manner with elite execution. The current course of gathering the waste, isolating it and shipping the compartments ordinary, which is a convoluted interaction. This research manages the idea of waste the board and the perceptive framework for waste the board with higher advantages to the public. The proposed framework for waste the board will utilize different sensors for detecting the sort of waste and separate the loss in various classes and actuator to illuminate the administration to gather the waste compartment. The executives and removal of waste is a test in the present world. The unloading of trash wastes at open landfill locales is the normal strategy for removal. The removal technique for unloading in open land destinations has an unfavorable impact on the climate. Because of unloading of waste in such a likewise life of plants and creatures. This investigation will set aside cash and time compared with the all-around accessible sequence of waste management and improves the general public neatness.

No. of Pages : 16 No. of Claims : 7

The Patent Office Journal No. 03/2022 Dated 21/01/2022 3198

Ms M Kavitha Margret and Mr S Sam Peter, Asst. Professors, Dept. of CSE, published a patent on "**Waste Management Improvement in Cities using IoT.**" Ref. No. 202131060741.

**CSE | PAPER PUBLICATION | WILEY ONLINE
LIBRARY****Wiley Online Library**

Chapter 3

**Improved Weighted Distance Hop Hyperbolic Prediction-
Based Reliable Data Dissemination (IWDH-HP-RDD)
Mechanism for Smart Vehicular Environments**

Sengathir Janakiraman, M. Deva Priya ✉, A. Christy Jeba Malar

Book Editor(s): C. Venkatesh, N. Rengarajan, P. Ponmurugan, S. Balamurugan

First published: 11 January 2022 | <https://doi.org/10.1002/9781119762010.ch3> PDF  TOOLS  SHARE **Get access to this single chapter.** View access options below.

Dr M Deva Priya M, Assoc. Professor, Dept. of CSE, published a paper on “**Improved Weighted Distance Hop Hyperbolic Prediction-Based Reliable Data Dissemination (IWDH-HP-RDD) Mechanism for Smart Vehicular Environments**” in Smart Systems for Industrial Applications, Scrivener Publishing, Wiley. ISBN: 9781119762010, pp. 63-92, January 2022.

DOI: <https://doi.org/10.1002/9781119762010.ch3>.

**CSE | PAPER PUBLICATION | WILEY ONLINE
LIBRARY**

Chapter 13

**Improved Merkle Hash and Trapdoor Function–Based
Secure Mutual Authentication (IMH-TF-SMA) Mechanism
for Securing Smart Home Environment**

M. Deva Priya, Sengathir Janakiraman, A. Christy Jeba Malar ✉

Book Editor(s): C. Venkatesh, N. Rengarajan, P. Ponmurugan, S. Balamurugan

First published: 11 January 2022 | <https://doi.org/10.1002/9781119762010.ch13> PDF  TOOLS  SHARE **Get access to this single chapter.** View access options below.

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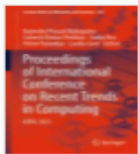
Purchase single chapter

Dr M Deva Priya M, Assoc. Professor, Dept. of CSE, published a paper on **“Improved Merkle Hash and Trapdoor Function–Based Secure Mutual Authentication (IMH-TF-SMA) Mechanism for Securing Smart Home Environment”** in Smart Systems for Industrial Applications, Scrivener Publishing, Wiley. ISBN: 9781119762010, pp. 307-332, January 2022.

DOI: <https://doi.org/10.1002/9781119762010.ch13>.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)

 Springer Link



[Proceedings of International Conference on Recent Trends in Computing, pp 415-429 | Cite as](#)

Two-Way Economical Smart Device Control and Power Consumption Prediction System

Authors

Authors and affiliations

P. Anantha Prabha, N. Arjun, J. Gogul, S. Divya Prasanth

Conference paper

First Online: 01 January 2022

12

Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

Due to the availability of high-speed broadband networks such as 3G and Long-Term Evolution (LTE), as well as more affordable and open smart phones, the mobile industry has seen exponential growth in terms of offering numerous services and apps at citizens' fingertips. The Internet of Things (IoT) is a promising technology that can be used to link, manipulate, and manage intelligent objects. But a large portion of the population were not able to adapt to IoT due to a lack of knowledge about IoT technology and usage, unfriendly user experience, high cost, and low-range wireless transmission. This paper discusses a smart economical device control system based on IoT in which, devices in home are connected with low-cost two-way smart switches and in turn which are connected with mobile application. The idea behind the proposed system is to integrate the mobile app with cloud networking using wireless communication. The mobile application provides users with electricity usage and also helps in predicting the bill beforehand. Thus, users can have control over the usage of electricity and can

Ms P Anantha Prabha, Asst. Professor, Dept. of CSE, Mr N Arjun, Mr J Gogul and Mr S Divya Prasanth, Students of SKCT, published a paper on **“Two-Way Economical Smart Device Control and Power Consumption Prediction System”** in Proceedings of International Conference on Recent Trends in Computing. Lecture Notes in Networks and Systems, vol 341. Springer, Singapore.

https://doi.org/10.1007/978-981-16-7118-0_36

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)

 Springer Link



[Proceedings of International Conference on Recent Trends in Computing, pp 403-413 | Cite as](#)

Mouse Assistance for Motor-Disabled People Using Computer Vision

Authors [Authors and affiliations](#)

P. Anantha Prabha, K. Srinivash, S. Vigneshwar, E. Viswa

Conference paper

First Online: 01 January 2022

11

Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)


Abstract

Technological innovations draw the attention of all people, but not for those with motor disabilities as the contact with devices and such users draw on a line of frustration. One of the major problems faced by them is that they are unable to have full mouse access, the device which plays a major role in human-computer interaction. Several solutions have been made to address this issue, but they have limitations like using external devices like sensors which may not be affordable to all and require high-end computing because of the processing of data generated by external devices. To overcome this, a system is proposed for hands-free mouse control using facial gesture recognition techniques that can benefit people with motor disabilities. The proposed system intends to eliminate the use of external equipment and also simplify the interface for the disabled which was the major drawback in most of the existing systems. It makes use of face recognition and eye gestures by using only a webcam and uses this

Ms P Anantha Prabha, Asst. Professor, Dept. of CSE, Mr K Srinivash, Mr S Vigneshwar and Mr E Viswa, Students of SKCT, published a paper on **“Mouse Assistance for Motor-Disabled People Using Computer Vision”** in Proceedings of International Conference on Recent Trends in Computing. Lecture Notes in Networks and Systems, vol 341. Springer, Singapore.
https://doi.org/10.1007/978-981-16-7118-0_35.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)


Springer Link



[Proceedings of International Conference on Recent Trends in Computing, pp 201-211 | Cite as](#)

A Cloud-based Trusted Framework for Industrial Connected Vehicles

Authors [Authors and affiliations](#)

M. Deva Priya , G. Amirthavarsini, S. Angu Kaushika, K. Deeptheshanmathie

Conference paper
First Online: 01 January 2022

13 Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

To add a member in a distributed network, Vehicular Clouds (VCs) offer better scope for exploration. Incorporation of VCs aids in developing vehicular frameworks with acute reception. Reliability should be ensured in the VC for delivering additional processing capabilities and managing the statistics collected within the scope. In this paper, a secure evaluation framework that ensures protection of statistics, trustworthiness of data and accessibility of assets is proposed. It is essential to offer reliability of the framework that is based on VCs. A three-level secure structure that is sustainable and appropriate for vehicular organizations to detect reckless vehicles is designed. Cooperative Driving Performance Rating (CDPR) element is used to certainly apprehend rashly driven cars based on Machine Learning (ML) based computations. To generate alarms, a three-layered framework is formed

Dr M Deva Priya M, Assoc. Professor, Ms Amirthavarsini G, Ms Angu Kaushika S and Ms Deeptheshanmathie K, Students of SKCT, published a paper on **“A Cloud based Trusted Framework for Industrial Connected Vehicles”** in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. Lecture Notes in Networks and Systems, Springer, ISBN: 978-981-33-4500-3, Vol. 341, pp. 201-211, January 2022. DOI: https://doi.org/10.1007/978-981-16-7118-0_18

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)


 Springer Link



[Proceedings of International Conference on Recent Trends in Computing](#), pp 213-225 | [Cite as](#)

Classification of COVID-19 Tweets Using Deep Learning Classifiers

Authors [Authors and affiliations](#)

M. Deva Priya , M. Seranya, N. Sharaha, S. Tamizharasi

Conference paper
First Online: 01 January 2022

 13
Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

Coronavirus (COVID-19) is a major threat to the country. People get scared on seeing the posts related to COVID-19 on the social media. This paper focusses on this issue and applies Natural Language Processing (NLP) techniques on Sina Weibo data to classify COVID-19-related information into seven categories including warning and advice, notice and action, contribution of money, products or services, emotional support, looking for help, expressing and assessing doubts and counter-rumours based on situational information. Only situational intelligence is of use to the public and the authorities to respond to the outbreak. It is, therefore, necessary to recognise them and comprehend how it is being distributed on social media, so that proper information publication techniques can be updated about the COVID-19 outbreak. The informative efficiency of word embedding is tested and compared with a Bag-of-Words (BoW)

Dr M Deva Priya M, Assoc. Professor, Dept. of CSE, published a paper on “**Classification of COVID-19 Tweets using Deep Learning Classifiers**” in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. DOI: https://doi.org/10.1007/978-981-16-7118-0_19.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)

 Springer Link



[Proceedings of International Conference on Recent Trends in Computing, pp 237-249 | Cite as](#)

Integrated IoT Blockchain-Based Smart Agriculture System

Authors [Authors and affiliations](#)

M. Deva Priya, P. Anantha Prabha, K. Gokulakrishnan, A. Joe Raymond, T. Karthickraja

Conference paper

First Online: 01 January 2022

 11
Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

Smart irrigation and automated crop field cultivation are innovative applications in the field IoT. In this paper, an IoT-based agricultural information monitoring system involving IoT devices is designed. The controller unit collects data related to crops by connecting with temperature, humidity and soil dampness sensors. It is customized with limit estimations of temperature and moisture content to improve the agricultural yields. Challenges faced in the design of such architectures are addressed in this paper. The data collected from the sensors transferred to the ThingSpeak cloud platform, where it is processed. The network is trained using Linear Regression (LR) model to guide the farmers for increased yield in the upcoming

Dr M Deva Priya, Assoc. Professor, Ms P Anantha Prabha, Asst. Professor, Dept. of CSE, published a paper on “**Integrated IoT-Blockchain based Smart Agriculture System**” in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. Lecture Notes in Networks and Systems, Springer, ISBN: 978-981-33-4500-3, Vol. 341, pp. 237 - 249, January 2022. DOI: https://doi.org/10.1007/978-981-16-7118-0_21.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)

 Springer Link



[Proceedings of International Conference on Recent Trends in Computing, pp 359-370](#) | [Cite as](#)

Deep Learning Algorithms based Vehicle Mobility Prediction from Satellite Imagery During Pandemic

Authors Authors and affiliations

M. Deva Priya , A. Sehaya Gebin, S. Selva Kumar, R. G. Vipin

Conference paper

First Online: 01 January 2022

 11
Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

The COVID-19 epidemic has made governments around the world to enforce lockdowns and isolations to stop the spread of virus. Both human and financial activities are affected throughout the globe. It takes time to recover from these losses. Financial actions influence social activities which incorporate signatures in satellite images that can be perceived and categorized. Satellite imagery aids in making decisions of predictors and decision makers by offering diverse types of perceptibility in the relating financial changes. In this paper, deep learning methods including Fast Region-based Convolutional Network (Fast R-CNN) and You Only Look Once (YOLO) are employed to identify the detailed elements in satellite images that can be used to find the financial indicators based on it. The proposed system uses Histogram Equalizer (HE) for enhancing the satellite pictures to provide accurate analysis about human

Dr M Deva Priya M, Assoc. Professor, Dept. of CSE, published a paper on “**Deep Learning Algorithms based Vehicle Mobility Prediction from Satellite Imagery during Pandemic**” in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. Lecture Notes in Networks and Systems, Springer, ISBN: 978-981-33-4500-3, Vol. 341, pp. 359 - 370, January 2022. DOI: https://doi.org/10.1007/978-981-16-7118-0_31.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)

 SpringerLink



[Proceedings of International Conference on Recent Trends in Computing, pp 709-716 | Cite as](#)

Deep Learning-based Stock Market Prediction

Authors

Authors and affiliations

A. Christy Jeba Meler, M. Deva Priya , M. Kevin Kumar, S. Mengala Arunsankar, K. V. Bileel, S. Karthik

Conference paper

First Online: 01 January 2022

15

Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract

Predictions on stock market and foreign currency exchange is a hot area of research. Stock market prediction is always challenging due to the non-linearity and instability nature of financial time series data. Finance experts and stock experts are continuously working on the analysis to predict future stock price which helps in deciding the buying or selling of stock for profit. Stock markets motivate investments by resource pooling, aiding corporations to make funds for enhancing their businesses. In Stock market, there are millions of resources available. As an investor, people fear to find the good resources from the pool of resources. The proposed stock price prediction model will help investors to price the resource. In this paper, an innovative stock market prediction management over time using deep learning approach is

Dr M Deva Priya M, Assoc. Professor, Dept. of CSE, published a paper on **“Deep Learning based Stock Market Prediction”** in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. Lecture Notes in Networks and Systems, Springer, ISBN: 978-981-33-4500-3, Vol. 341, pp. 709 - 716 January 2022.
DOI: https://doi.org/10.1007/978-981-16-7118-0_60.

CSE | PAPER PUBLISHED | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2021)


 SpringerLink



[Proceedings of International Conference on Recent Trends in Computing](#), pp. 695-708 | [Cite as](#)

Efficient Machine Learning-Based Diagnosis System for Breast Cancer

Authors [Authors and affiliations](#)

M. Deva Priya , J. Sangeetha Priya, S. Sam Peter, Viraja Ravi, S. Karthik, R. Karthik

Conference paper

First Online: 01 January 2022

 11
Downloads

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 341)

Abstract


Machine Learning (ML) algorithms find their application in the field of medicine especially cancer prognosis enabling early diagnosis and treatment. Breast cancer is the predominant form of cancer occurring in women. It is a malignant growth or tumor resulting in uncontrolled division of cells that invades into the adjoining cells and also spreads to different parts of the body. It is the fifth leading cause of cancer mortality. In this paper, diverse ML algorithms are applied to the Wisconsin Diagnostic Breast Cancer (WDBC) dataset. Linear Discriminant Analysis (LDA) and Principal Component Analysis (PCA) are used for feature extraction, while Naive Bayes Classifier (NBC), Random Forest (RF), Neural Networks (NNs) and Support Vector

Dr M Deva Priya, Dr R Karthik, Assoc. Professors, Mr S Sam Peter, and Ms Viraja Ravi, Asst. Professors, published a paper on **“Efficient Machine Learning based Diagnosis System for Breast Cancer”** in an International Conference on Recent Trends in Computing (ICRTC 2021) organised by SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.) during 04-05 June 2021. Lecture Notes in Networks and Systems, Springer, ISBN: 978-981-33-4500-3, Vol. 341, pp. 695 - 708, January 2022. DOI: https://doi.org/10.1007/978-981-16-7118-0_59.

MECH | PAPER PUBLISHED IN SPRINGER JOURNAL

Silicon
<https://doi.org/10.1007/s12633-022-01657-z>

ORIGINAL PAPER



Plasma Spray Coating of Aluminum–Silicon-MWCNT Blends on Titanium Grade 5 Alloy Substrate for Enhanced Wear and Corrosion Resistance

R. Srinivasan¹ · M. Kamaraj² · D. Rajeev³ · S. Ravi⁴ · N. Senthilkumar⁵

Received: 14 November 2021 / Accepted: 2 January 2022
© Springer Nature B.V. 2022

Abstract

In this present research, the wear resistivity of aerospace material titanium grade 5 alloy (Ti6Al4V) is improvised by coating it with 70% aluminium (99% pure) mixed with varying proportions of silicon (30, 25, 20, 15 wt.%) and multiwalled carbon nanotube (MWCNT) (0, 5, 10 and 15 wt.%) by thermal spray method (plasma spray). MWCNT are suitable for higher temperature applications and resist wear and corrosion by acting as a barrier towards the substrate. The powders are mixed well in a ball mill for a period of 24 h and the blended mixture is coated on the substrate. The coating thickness and particle distribution on the substrate is examined through a scanning electron microscope (SEM) and the material is subjected to tensile, microhardness, impact, corrosion and wear tests to determine the improvement on the needed properties as compared with base alloy. Outcomes of the study show that will the inclusion of MWCNT on the substrate enhanced the mechanical, corrosion, and wear properties of the Ti6Al4V alloy due to the higher surface area of MWCNT and better bonding. With the addition of silicon, the eutectic composition formed is a structure of alpha + Si rather than alpha + beta, and thermal fusion forms oxides such as aluminum oxide and silicon oxide. With 15% MWCNTs and Al-Si coating on the surface, a substantial improvement in tensile strength by 29.66%, hardness by 8.24%, impact strength by 41.67%, reduction in wear loss by 25.42% and enhanced corrosion resistance by 63.63% is obtained.

Keywords Titanium grade 5 · Plasma spray · MWCNT · Wear studies · Corrosion studies

Dr R Srinivasan, Professor, Dept. of Mechanical Engineering, published a paper on **“Plasma Spray Coating of Aluminum-Silicon-MWCNT Blends on Titanium Grade 5 Alloy Substrate for Enhanced Wear and Corrosion Resistance”** in Silicon, Springer Journal with the Impact Factor of 2.670.

EEE | PAPER PUBLISHED IN SCI JOURNAL

Journal of Electrical Engineering & Technology
https://doi.org/10.1007/s42835-021-00994-0

ORIGINAL ARTICLE

Development of Symmetrical Fault Detection During Power Swing Based on Entropy

R. Devi¹ · A. Kirthika² · M. Divya Priyadharsini³ · Akash Ladha⁴ · A. Anju² · T. Rajesh Kumar³ · S. Ganesh Prabhu² · Lijo Jacob Varghese¹ · P. Santhosh⁵

Received: 7 June 2021 / Revised: 20 December 2021 / Accepted: 27 December 2021
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Abstract
This paper proposes the new technique for detecting symmetrical faults occurred during power swing. The proposed technique is simulated for the protection of two machine system, distribution system with distributed generation and WSCC 9-bus system in Matlab. Symmetrical fault detection during power swing is a critical issue. Hence, in this paper, modified weighted wavelet packet entropy technique is proposed to detect symmetrical fault during power swing. This entropy criterion is applied to wavelet packet coefficients to enhance the energy of fault signals and to reduce the vector size of the wavelet packet transform coefficients. This technique provides better results irrespective of various fault locations, fault inception angle and power swing frequencies. This technique is compared with conventional scheme and the results are tabulated. Moreover, this technique is also able to detect asymmetrical faults with high impedance during power swing. Mathematical derivation support system performance through simulation.

Keywords Digital protective relays · Power swing · Symmetrical fault · Wavelet packet transform · Entropy and transient disturbances

1 Introduction

In Power systems, the impedance seen by distance relays varies during sudden disturbance such as change in demand, short circuit, outage of large generation and power swing. This impedance also enters the protection zones and results into unnecessary relay operation. During power swing, the relays should not trip i.e., power swing blocking and it has to trip for the faults without any delay [1].

Asymmetrical faults are unbalanced signals and it contains negative and zero sequence components. These components are useful in detecting asymmetrical fault

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⁴ Department of Mechanical Engineering, University of Michigan, Ann Arbor, USA

⁵ Department of Information Technology, Sri Krishna College of Technology, Coimbatore, India

Published online: 17 January 2022

Springer

Dr Devi R, Asst. Professor, Dept. of EEE, published a paper on "Development of Symmetrical Fault Detection during Power Swing Based on Entropy" in SCI Journal - IETE Journal of Electrical Engineering & Technology.

<https://doi.org/10.1007/s42835-021-00994-0>

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SKCT | IIC ORIENTATION | SESSION 1

SRI KRISHNA COLLEGE OF TECHNOLOGY



Orientation Session on IIC4.0

Dipan Kumar Sahu
Assistant Innovation Director
MoE Innovation Cell

All IIC Members Requested to Join us on MIC YouTube Channel

Join Us **YouTube LIVE**
[/mhrdinnovationcell](#)

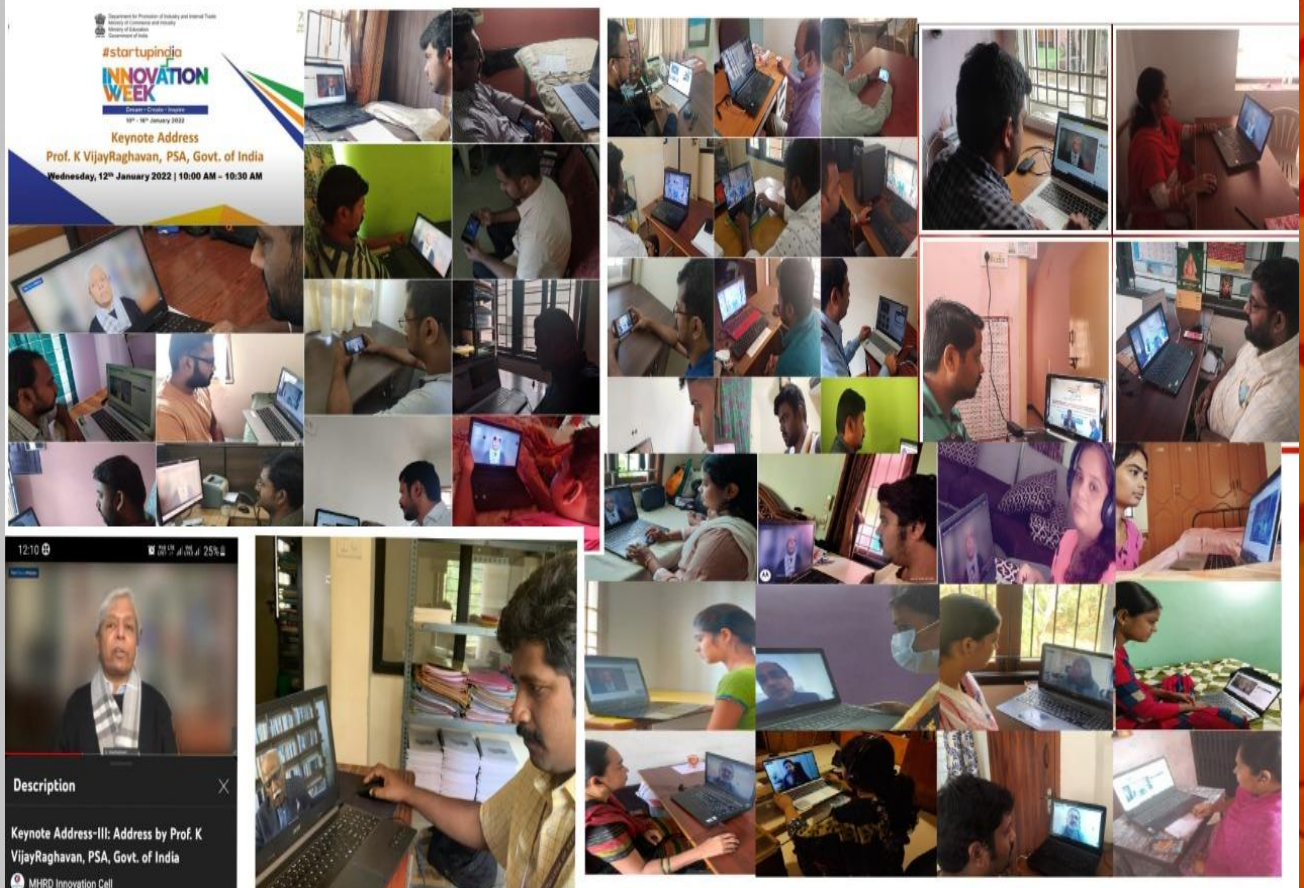
Monday, 24th January 2022
2:30 PM - 3:30 PM



The Members of Faculty and Students of Sri Krishna College of Technology, Coimbatore, attended a **“Orientation Session on IIC4.0”** organised by MoE's Innovation Cell on 24 January 2022.

SKCT | IIC ORIENTATION | SESSION 2 | SYMPOSIUM ON BUILDING INNOVATION ECOSYSTEM IN EDUCATIONAL INSTITUTIONS UNDER INNOVATION WEEK

SRI KRISHNA COLLEGE OF TECHNOLOGY COIMBATORE



The Members of Faculty and Students of Sri Krishna College of Technology, Coimbatore, attended a Symposium on **“Building Innovation Ecosystem in Educational Institutions under Innovation Week”** organised as a part of the Azadi Ka Amrit Mahotsav on 12 January 2022.

**EEE | FACULTY PARTICIPATION | ORIENTATION
SESSION ON IIC 4.0 | MOE'S INNOVATION CELL**

The poster features logos for the Institutions' Innovation Council, MoE's Innovation Cell (Government of India), and IACT. The main title is "Orientation Session on IIC4.0". A circular portrait of Dipan Kumar Sahu, Assistant Innovation Director, is shown. The event is scheduled for Monday, 24th January 2022, from 2:30 PM to 3:30 PM. It requests all IC members to join on the MIC YouTube Channel at /mhrdinnovationcell. Social media handles for Facebook, Twitter, and Instagram are listed at the bottom.

Orientation Session on IIC4.0

Dipan Kumar Sahu
Assistant Innovation Director
MoE Innovation Cell

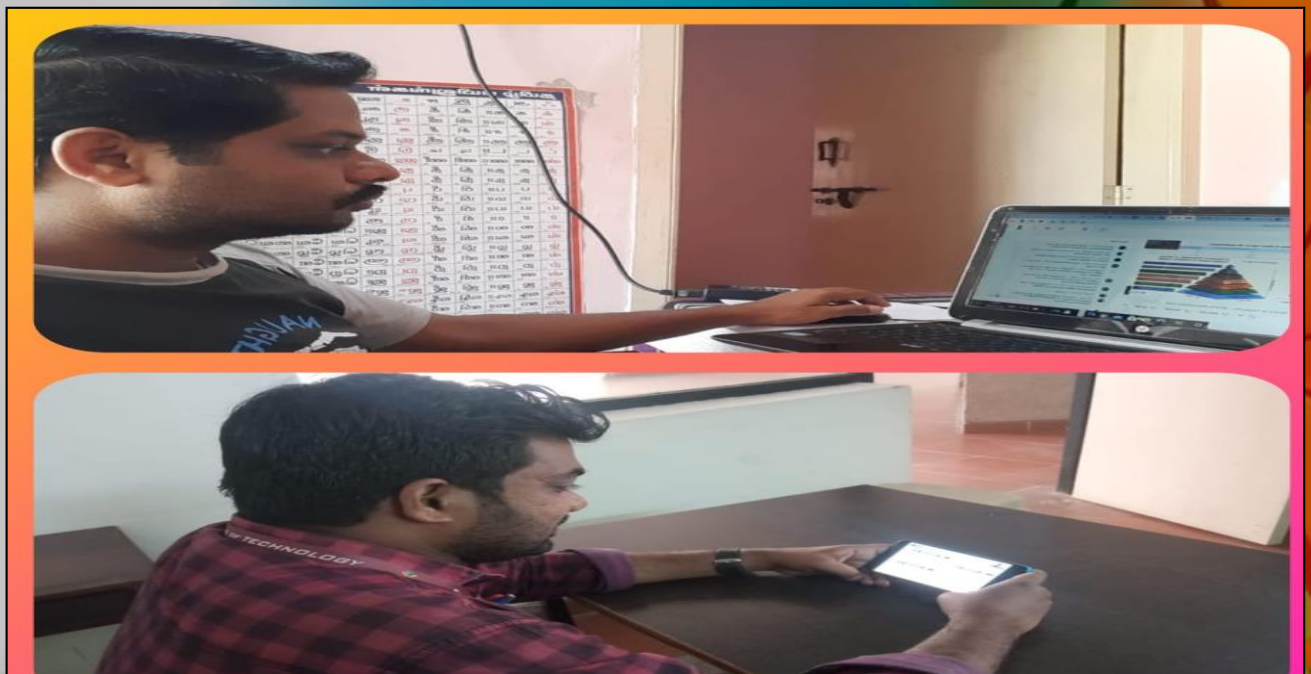
Monday,
24th January 2022

2:30 PM - 3:30 PM

All IC Members Requested to
Join us on MIC YouTube Channel

Join Us   
/mhrdinnovationcell

 /mhrdinnovationcell  @mhrd_innovationcell  /mhrdinnovationcell



The Members of Faculty from the Dept. of EEE participated in an
“Orientation Session on IIC4.0” on 24 January 2022.

ECE | FACULTY PARTICIPATION | ORIENTATION SESSION ON IIC 4.0 | MOE'S INNOVATION CELL

Orientation Session on IIC4.0 & Features - MoE's Innovation Cell

3,840 watching now • Started streaming 2 minutes ago

497 DISLIKE SHARE SAVE

Top chat

- Elizabeth college for women
- KAVITA PRAJAPATI Kavita Prajapati 1 sem MBA scope college of engineering
- yogendra pratap singh Yogendra pratap singh goel institute of technology & management, Lucknow
- Dhivya Priya E L Dhivya Priya E L AP/ECE, Sri Krishna College of Technology, Coimbatore
- Dr. Vinoth A Dr.A.Vinoh, Assistant Professor, Department of Information Technology, Sri Krishna Adithya College of Arts and Science, Coimbatore.
- Venkata Ramanan good after sir
- சுவாமிநாதம் Good afternoon
- Dr. Anil Shirahatti Dr. Anil Shirahatti, Jain College of Engineering, Belagavi
- Gokulabalan Ranjith good afternoon sir
- Revathi M P M.P.Revathi AP/Civil, Coimbatore Institute of Engineering and Technology, Coimbatore
- Dhivya Priya E L Say something...

Ministry of Education
Government of India

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

ARIIA

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

Empowering India Through Innovation

ASEAN-INDIA HACKATHON 2021

YUKTI 2.0
Innovation Repository

कपिला - KAPILA
कलम बौद्धिक संघदा साक्षरता और जागरूकता अभियान

DRUG HACKATHON

DRUG HACKATHON

Orientation Session on IIC4.0 & Features - MoE's Innovation Cell

502 watching now • Started streaming 6 minutes ago

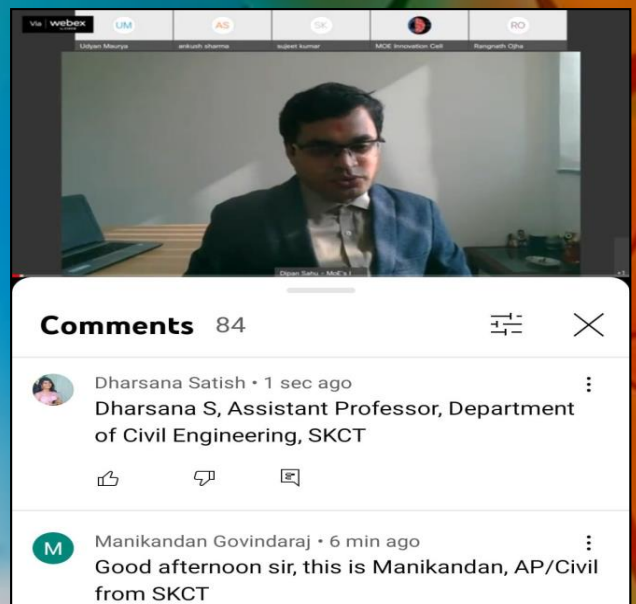
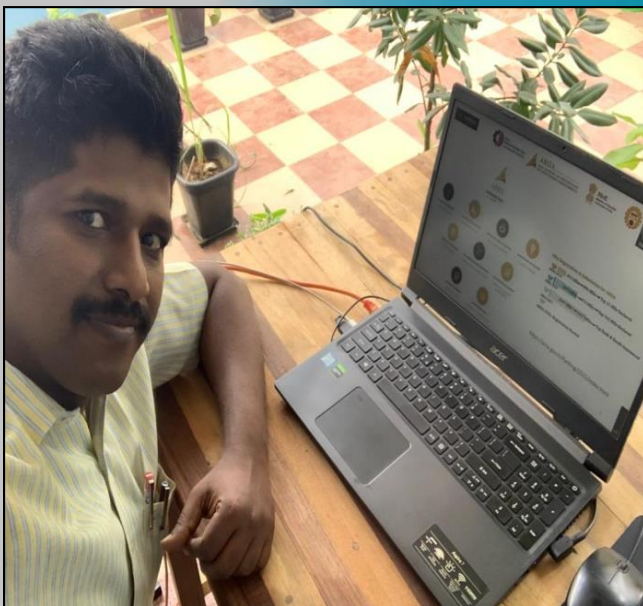
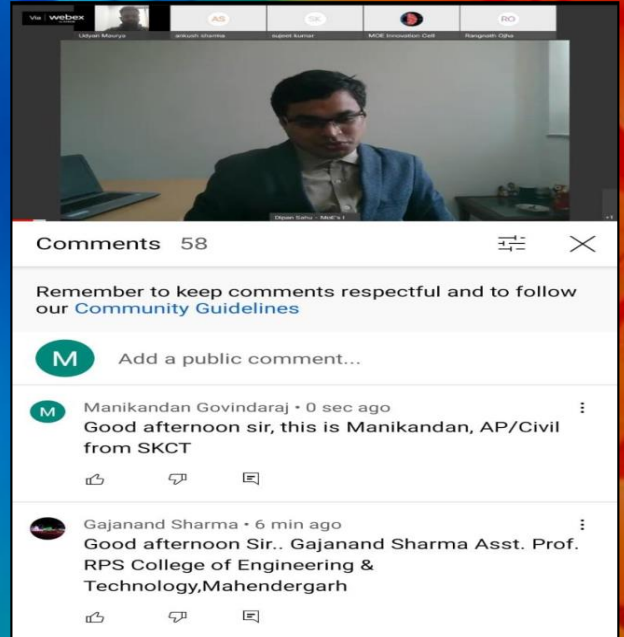
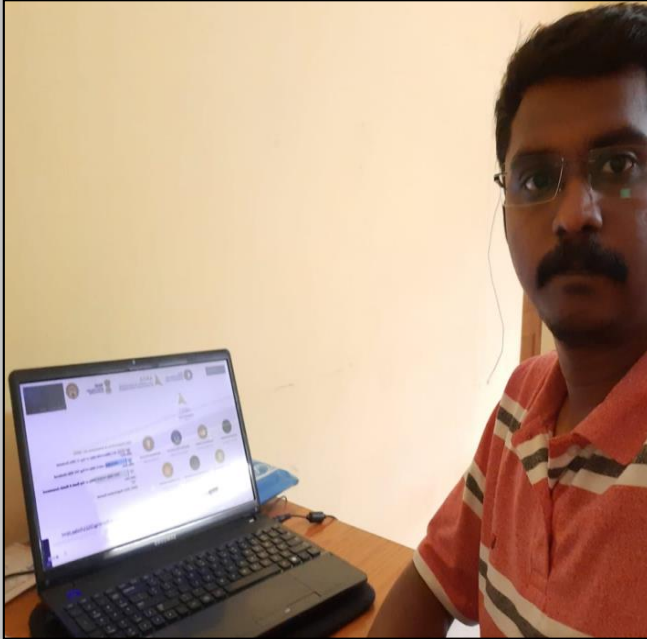
Top chat

- Manoj Kumar Jena Good afternoon all, iam from Gandhi Institute for Education and Technology,Odisha
- TENTO STRANGE mam school of Engineering voliga
- MRINMOY SARKAR good afternoon sir
- kaviL_perumal
- Shruti Saumya preent
- Dr Senoj Joseph Dr Senoj Joseph , associate professor, sri krishna college of Technology, coimbatore-42
- Manoj Gangwar Manoj Gangwar from Medicaps University, Indore
- Ashwin Shete Dr Ashwin Shete
- Shashwat Pathak Dr. Shashwat Pathak, IIC-MIET
- Sanjay09 Good Afternoon Sir
- Subhash Verma Dr S K Verma IIMT College of Engineering Greater Noida. IIC convener
- Dr Senoj Joseph Say something...



The Members of Faculty from the Dept. of ECE participated in an "Orientation Session on IIC4.0" on 24 January 2022.

CIVIL | ORIENTATION SESSION ON IIC 4.0 | MOE'S INNOVATION CELL



The Members of Faculty from the Dept. of Civil Engineering attended an “**Orientation Session on IIC 4.0**” organised by MOE Innovation Cell on 24 January 2022.

MECH | WORKSHOP ON INNOVATION, START-UP AND TECHNOLOGY TRANSFER

The screenshot shows a Cisco Webex Meeting interface. At the top, it displays "Cisco Webex Meetings", "Meeting Info", and "Hide Menu Bar". The time is 04:00:21. The status bar indicates "Speaking: Dr P Thendral, MUTHUKUMARAN S". The main area shows a grid of participants, with Dr P Thendral and MUTHUKUMARAN S highlighted. The right sidebar shows a list of 93 participants, including nithi Me, SIVA SHANMUGAM N (Host), MUTHUKUMARAN S, and others. The bottom control bar includes options for Unmute, Start video, Share, and a Participants/Chat menu.

Mr T Nithyanandhan, Asst. Professor, Dept. of Mechanical Engineering, attended a Five-day workshop on **“Innovation, Start-up and Technology Transfer”** organised by NRDC - Innovation Facilitation Center, National Institute of Technology, Tiruchirappalli during 24-29 January 2022.

ALUMNI INTERACTION



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CIVIL | ALUMNUS INTERACTION



Mr Abdul Basith, Alumnus (Batch 2017-2021), Dept. of Civil Engineering, interacted with Dr I Padmanaban, Professor and Head on 24 January 2022.

CIVIL | ALUMNI INTERACTION

Mr Niruban Charavarthy and Mr Prabhudev, Alumni (Batch 2016-2018), Dept. of Civil Engineering, interacted with Dr I Padmanaban, Professor and Head on 24 January 2022.

SoM | ALUMNI INTERACTION



Mr. Saravanan R, Asst. Professor, School of Management, organised an **"Alumni Interaction"** facilitated by Mr Ramnath, Alumnus (Batch 2019-2021), Probationary Officer, Federal Bank on 26 January 2022.

MEETINGS & DISCUSSIONS



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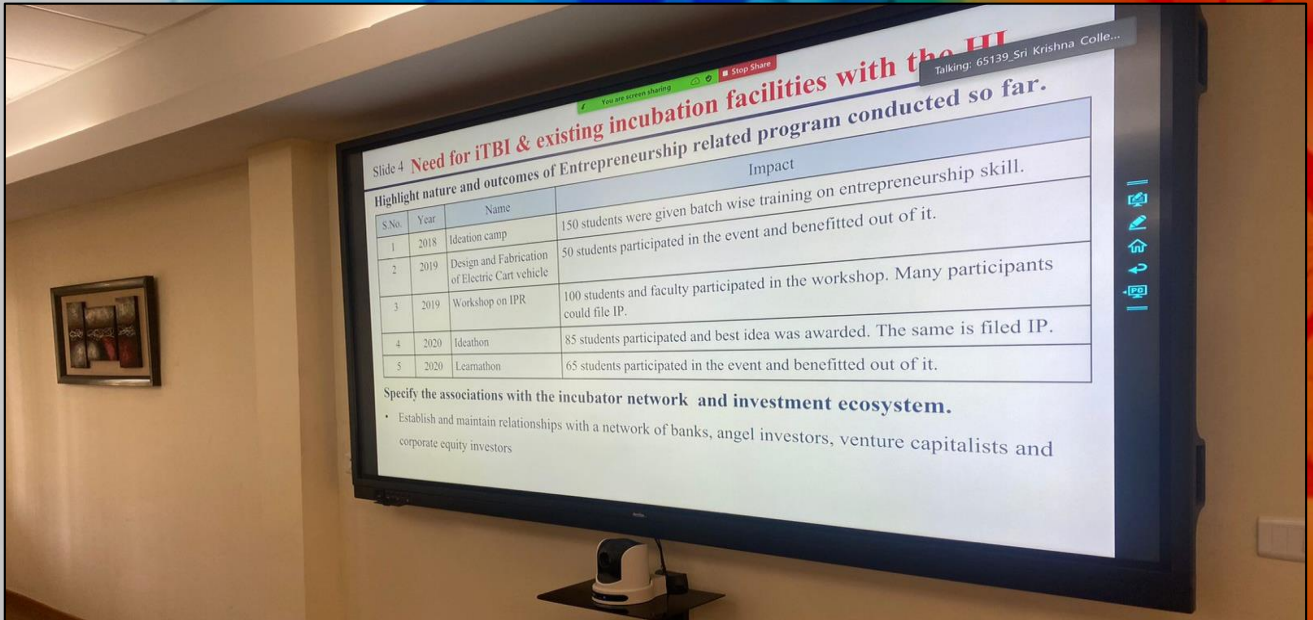


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MECH | MEETING FOR INCUBATION CENTRE WITH DST NITHI



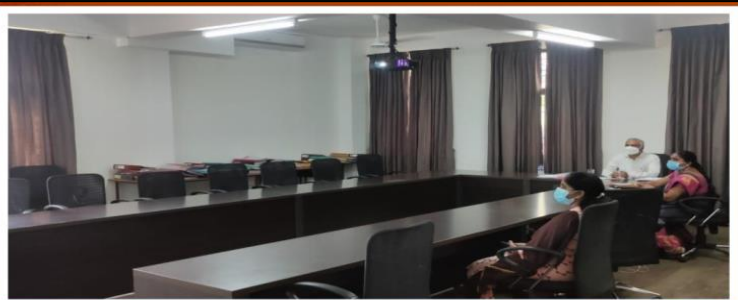
Dr V Sreevidya, Principal In-charge, Dr P Prathap, Professor and Head and Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, presented a proposal on **“Industry 4.0 Technology Business Incubation Centre”** to DST NITHI on 21 January 2022.

CIVIL | Ph.D. SYNOPSIS MEETING



Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, served as a **“Research Coordinator”** for Ms A Shalini, Ph.D. Research Scholar on 21 January 2022.

EEE | EXTERNAL AUDIT



The Dept. of EEE attended an **“External Audit”** during 19-20 January 2022.

EEE | EXTERNAL AUDIT



CSE | EXTERNAL AUDIT

The Members of Faculty from the Dept. of CSE attended the **"External Audit"** on 25 January 2022.

CIVIL | TUTOR WARD MEETING

Sharing <https://docs.google.com> to meet.google.com Stop sharing View tab: docs.google.com

You're presenting to everyone Presentation audio Stop presenting

S. No.	Batch	Register Num	Name of the students	Guide	PROJECT / INTERNSHIP	INTERNSHIP COMPANY NAME
1		18TUCV002	AAKASH KOWSALYA MOORTHY			
2		18TUCV014	ERANITHI R	Mr. T.P.A.ARAVIND		
3		18TUCV016	HARISH R.			
4	BATCH 1	18TUCV041	SANJAY BHARATHI S.			
5		18TUCV033	POOJA M.A.			
6		18TUCV021	KEERTHI S.			
7		18TUCV019	JEEVITHAA S.	Mr. J.ROBINSON		
8	BATCH 2	18TUCV012	DEEPASHRI S.			
9		18TUCV011	DEENADAYALAN T.			
10		18TUCV013	DESIKAN U.			
11		18TUCV015	GURU PRASAD S.M.	Dr. M.LENIN SUNDAR		
12	BATCH 3	18TUCV025	LOHITH A.			
13		18TUCV037	RAJAPRASANNA S.S.			
14		18TUCV051	THILAKRAAJ S.			
15		18TUCV053	VIRTHICK BHUVAN B.	Ms. S.MUTHUKEERTHANA		

11:21 AM | hoj-snzb-mhf

Ms. A. Vennila ASST. PROF

T.P.A. Aravind Asst Prof CIVIL

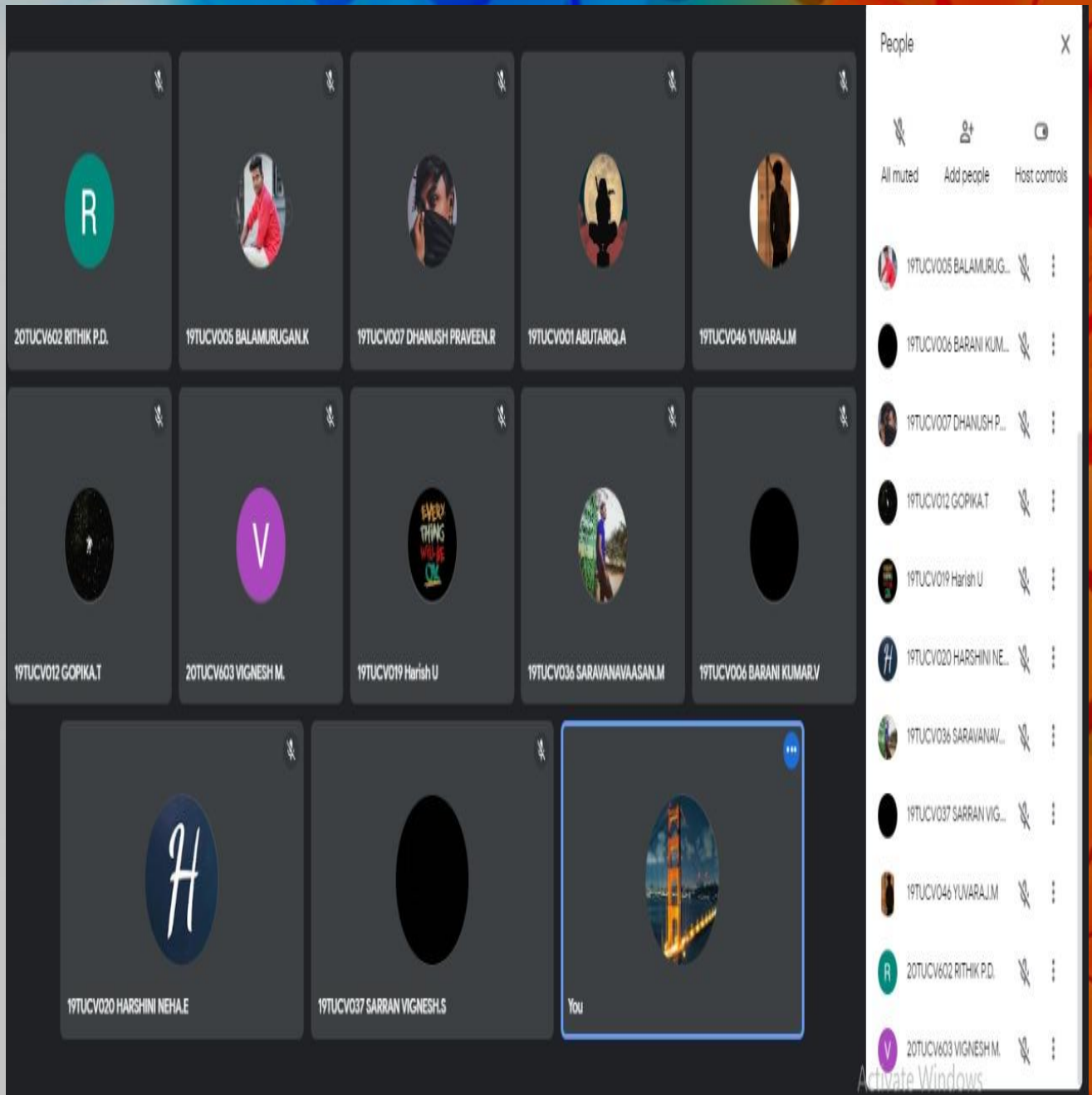
Dr. V. Sathish Kumar Asst Prof CIVIL

20 others

36

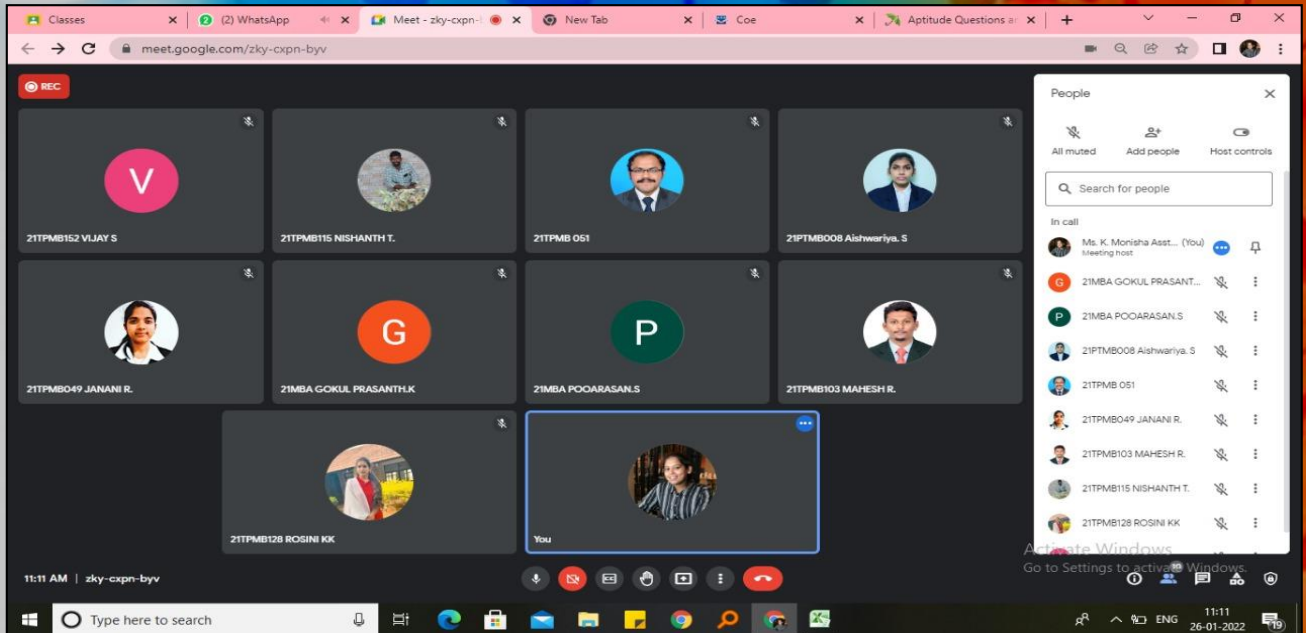
hoj-snzb-mhf

Tutors of Final B.E. Civil Engineering conducted a **“Tutor Ward Meeting”** with their respective wards regarding project and scope for internship on 13 January 2022.

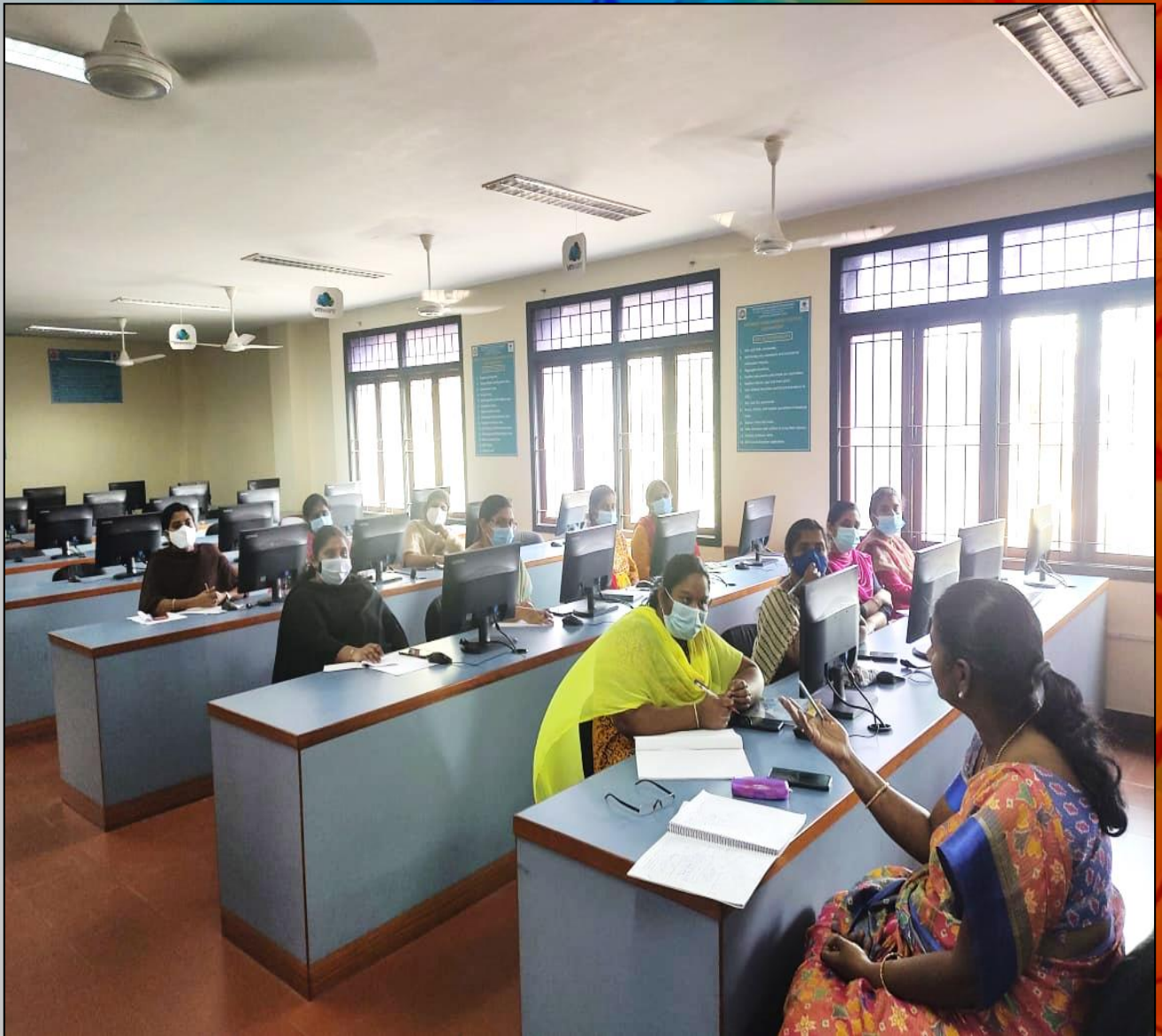
CIVIL | TUTOR WARD MEETING

Tutors of Third B.E. Civil Engineering conducted a **“Tutor Ward Meeting”** with their respective wards regarding online classes and various academic activities like NPTEL registration on 13 January 2022.

SoM | TUTOR WARD MEETING



Mr Saravanan and Ms Monisha K, Asst. Professors, School of Management, conducted a **“Tutor Ward Meeting”** with their respective wards regarding online class participation, NPTEL courses on 25 January 2022.

CSE | DEPARTMENT MEETING

Dr P Tamije Selvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding External Audit, Academic Activities for the Students of Second and Third B.E., Online Classes, End Semester Examination, R&D Activities, etc. on 21 January 2022.

S&H | DEPARTMENT MEETING

Dr Lijo Jacob Varghese, Professor and Head, Dept. of Science and Humanities, conducted a meeting with the Members of Faculty regarding the Academic Activities and Research Activities on 22 January 2022.

EVENTS ORGANISED



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S&H | EVENT ORGANISED | WEBINAR ON IDENTIFYING THE ENTREPRENEUR IN YOU

SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution/ Accredited by NAAC with 'A' Grade)

DEPARTMENT OF SCIENCE AND HUMANITIES
&
INSTITUTION'S INNOVATION COUNCIL

Cordially Invites You All To
JOIN MOST ADVANCED WEBINAR
Identifying The Entrepreneur In You

Save the Date **18.01.2022**
Set Alarm for 11 AM
<https://meet.google.com/uzs-jzhd-zmo>

Presented by: Dr. V. S. Sreedhara, PRINCIPAL
Facilitated by: Dr. Lijo Jacob Varghese, HoD- S&H
Organized by: Ms. P. Sheeba Ranjini, Assistant Professor- S&H

Identifying your Potential

- > What is your **interest** area?
- > What is your **natural gifting**?
- > What you are **passionate** about?
- > What you are **capable** of?

SMILEE is presenting

Participants: Smilee, Ms. Shee..., You, 72782151 others

- 727821TUAD057 UMA...
- 727821TUAD058 VIKR...
- 727821TUAD059 VIN...
- 727821TUAD060 YAK...
- 727821TUCV022 MUG...
- 727821TUCV030 SHR...
- 727821TUEE143 SUBI...
- 727821TUME134 SUB...
- ABINAYA G TUEC003
- Ms. Sheeba Ranjini. P ...
- Smilee Dhinakaran
- SMILEE S
- SMILEE S (Pres

The Dept. of Science and Humanities organised a webinar on **“Identifying the Entrepreneur in You”** in association with IIC facilitated by Dr S Smilee Bose, Assoc. Professor and Head In-charge, Dept. of Corporate Secretaryship and Bank Management, St Peters Institute of Higher Education and Research, Chennai on 18 January 2022.

ECE | EVENTS ORGANISED | WEBINAR ON GUIDE TO UNLOCK CAREER OPPORTUNITIES IN DATA SCIENCE

The screenshot displays a Zoom webinar interface. At the top, a notification states: "You have extensions installed that may affect the quality of your call". Below this, it indicates "Kuppan Murugappan is presenting" and "Press Esc to exit full screen". The main content area shows a slide titled "Who is a Data Science Engineer?". The slide lists two requirements:

1. Programming experience in Python and R (expert level knowledge). Ability to write proficient codes.
2. Strong SQL and big data experience. Strong coding skills with hands-on big data experience.

The slide also includes a SQL logo and an illustration of server racks. At the bottom of the slide, it says "meet.google.com is sharing your screen" and "www.ducenit.com". The Zoom interface shows a grid of participants, a chat window, and a "People" list on the right. The "People" list includes names like "Dr.Malathy Sub...", "Kuppan Muru...", "19TUEC016 ATCHAY...", "19TUEC132 NATRAJ.N", "19TUEC101 KARTHIK...", "19TUEC201 RANJEES...", "49 others", and "You".

The Dept. of ECE organised a webinar on **"Guide to Unlock Career Opportunities in Data Science"** facilitated by Mr Kuppan Murugappan, Assoc. Data Engineer, Ducen IT Pvt. Ltd., Chennai on 22 January 2022. Dr R Kanmani, Dr S Malathy, Professors and Mr G Santhakumar, Asst. Professor, Dept. of ECE, coordinated the event.

EEE | EVENT ORGANISED | WEBINAR ON HOW TO PUBLISH A QUALITY JOURNAL ARTICLE

The screenshot shows a Google Meet interface during a webinar. The main window displays a presentation slide from the Web of Science Master Journal List. The slide title is "ADDITIVE MANUFACTURING" and it includes the following information:

- Check out our new metric, to help you evaluate journals!
- ISSN / eISSN: 2214-8604 / 2214-7318
- Publisher: ELSEVIER, RADARWEG 29, AMSTERDAM, NETHERLANDS, 1043 NX
- About: Additive Manufacturing is the peer-reviewed journal that provides academia and world-leading industry with high quality research papers and reviews in additive manufacturing. The journal aims to acknowledge the innovative nature of additive manufacturing and its broad applications to outline the current and future developments in the field.

The slide also features a "General Information" section with links for "Journal Website" and "Publisher Website". The webinar interface includes a grid of participants on the right, a recording indicator, and a system tray at the bottom showing the time as 10:26 AM on 22-01-2022.

The screenshot shows a Google Meet interface during a webinar. The main window displays a presentation slide titled "Know Indexing Databases". The slide features the logos of Clarivate Analytics and Scopus, along with the Scopus SJR (Scopus Journal Ranking) logo. Below the logos, it lists "Master Journal List" and "Quartile List". The webinar interface includes a grid of participants on the right, a recording indicator, and a system tray at the bottom showing the time as 10:10 AM on 22-01-2022.

The Dept. of Mechanical Engineering organised a webinar on “How to Publish a Quality Journal Article” facilitated by Dr V Dhinakaran, Dean (R&D), Professor, Dept. of Mechanical Engineering, Chennai Institute of Technology, Kundrathur on 22 January 2022.

S&H | EVENT ORGANISED | NATIONAL GIRL CHILD DAY



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

" DEPARTMENT OF SCIENCE & HUMANITIES "
ORGANIZES
"NATIONAL GIRL CHILD DAY" CELEBRATIONS

NATIONAL Girl Child DAY

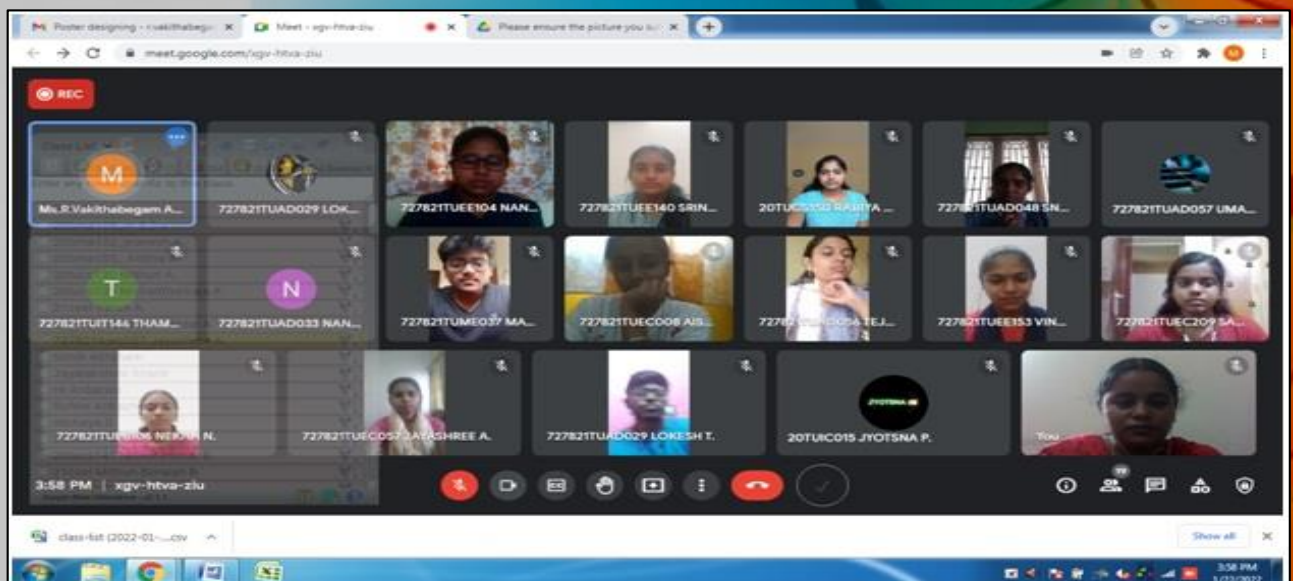
- 1.Mehandi Art Designing
- 2.Poster Designing
- 3.Painting
- 4.Poetry Writing

On 22nd
Jan 2022

ORGANIZED by,
Ms.R.VAKITHABEGAM
ASST.PROF / MATHEMATICS

Convenor
Dr.LIJO JACOB VARGHESE
HOD - S & H

PRESIDED by,
Dr.V.SREEVIDYA
PRINCIPAL



The Dept. of Science and Humanities organised various events like "Mehandi Art Designing, Poster Designing, Painting and Poetry Writing" as a part of the celebration of National Girl Child Day on 22 January 2022. Ms R Vakithabegam, Asst. Professor, Dept. of S&H, coordinated the event.

S&H | EVENT ORGANISED | NETAJI SUBHASH CHANDRA BOSE 125TH BIRTHDAY



SRI KRISHNA COLLEGE OF TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
KOVAIPUDUR, COIMBATORE-641042.
Affiliated to Anna University and Approved by AICTE

DEPARTMENT OF SCIENCE AND HUMANITIES

All are cordially invited to attend the event for
**CELEBRATING 125th BIRTHDAY OF
NETAJI SUBHASH CHANDRA BOSE**

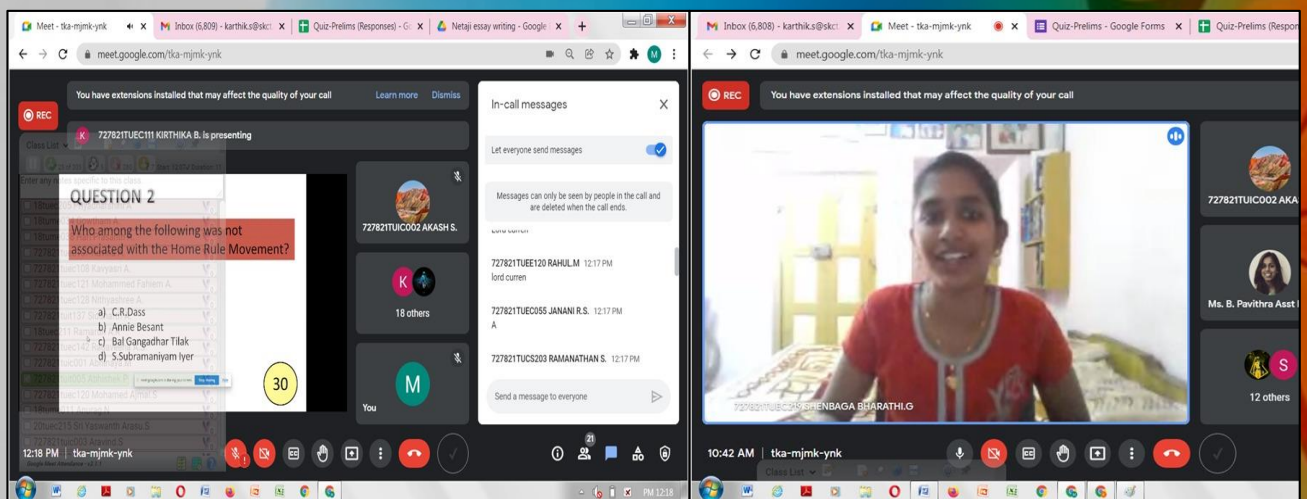
Events:
*Quiz, Essay Writing, Oratory
Competition.*

Event Meet Link
<https://meet.google.com/tka-mjmk-yнк>

Timings: 10:30am onwards **Date:** 22/01/2022

Organized by Mr. S. Karthik Asst. prof. Mathematics	Convenor Dr. Lijo Jacob Varghese HoD - S&H	Presided by Dr. V Sreevidya PRINCIPAL
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For event Details contact 9443236558 , 9074435536



The Dept. of Science and Humanities organised various events like “Essay Writing, Oratory and Quiz” as a part of the celebration of Netaji Subhash Chandra Bose 125th Birthday on 22 January 2022.

ECE | EVENTS ORGANISED | PONGAL CELEBRATION



SRI KRISHNA COLLEGE OF TECHNOLOGY

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KOVAIPUDUR, COIMBATORE - 641042

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SCAN TO PARTICIPATE



FACULTY CO-ORDINATORS
Ms. N. Vijayalakshmi, AP/ECE
Ms. S. Jaipriya, AP/ECE

STUDENT CO-ORDINATORS
S Karthikeyan
P S Kaveya
III ECE - B

Dr. G. M. Tamilselvan
HOD/ECE



Happy Pongal

EVENT DATES
13/01/2022 - 14/01/2022

EVENTS

ONLY RELATED TO PONGAL



PONGAL FAMILY GROUPE



POSTER MAKING



RANGOLI



ART



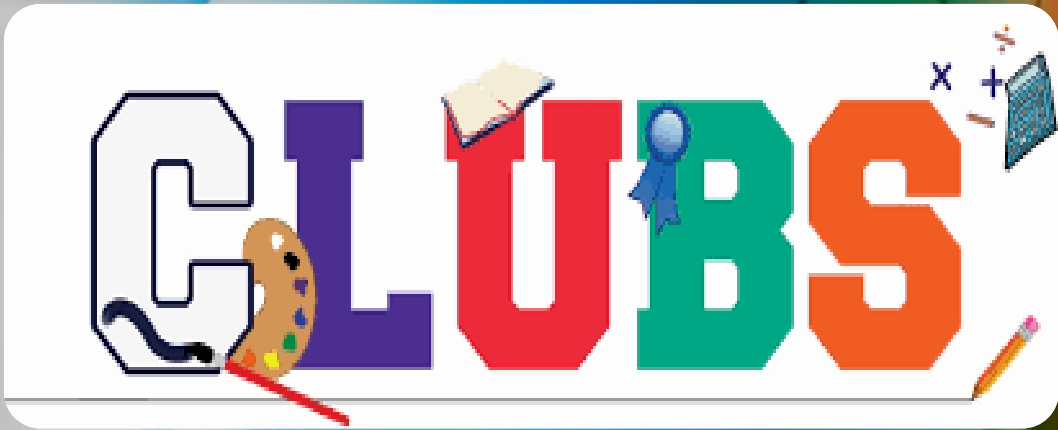
POEMS

Dr. V. Sreevidya,
Principal I/C



The Dept. of ECE organised various events as a part of “**Pongal Celebration**” during 13-14 January 2022. Ms N Vijayalakshmi, Ms S Jaipriya, Asst. Professors, Mr S Karthikeyan and Ms P S Kaveya, Students of Third B.E. ECE B section, Dept. of ECE, coordinated the event.

CLUB ACTIVITIES



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

CIVIL | MELA CLUB PONGAL CELEBRATION

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 KOVAIPUDUR, COIMBATORE - 641042.

SRI KRISHNA INSTITUTIONS COIMBATORE

DEPARTMENT OF CIVIL ENGINEERING

Pongal Celebration
An event for Students and Faculty members of SKCT

Cultural Attire

Wishing you and your family a very Prosperous Pongal

Wish you all a Happy Pongal 🙏

Happy Pongal!!!

SRI KRISHNA COLLEGE OF TECHNOLOGY
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 KOVAIPUDUR, COIMBATORE - 641042.

SRI KRISHNA INSTITUTIONS COIMBATORE

DEPARTMENT OF CIVIL ENGINEERING

MELA CLUB

Pongal Celebration
An event for Students and Faculty members of SKCT

Happy Pongal

Cultural Attire
 (Share your pic of traditional wear celebrating Pongal at its best)

Wishing you and your family a very Prosperous Pongal

Time
Before 5.00 PM

Date - 14/01/2022

Submit @ mail - aravind.tpa@skct.edu.in

The Mela Club of the Dept. of Civil Engineering conducted an event on “**Cultural Attire**” as a part of the Pongal Celebration on 14 January 2022.

SoM | CLUB ACTIVITIES | FINQUIZITIVE CLUB



SRI KRISHNA COLLEGE OF TECHNOLOGY
SCHOOL OF MANAGEMENT

FINQUIZITIVE CLUB

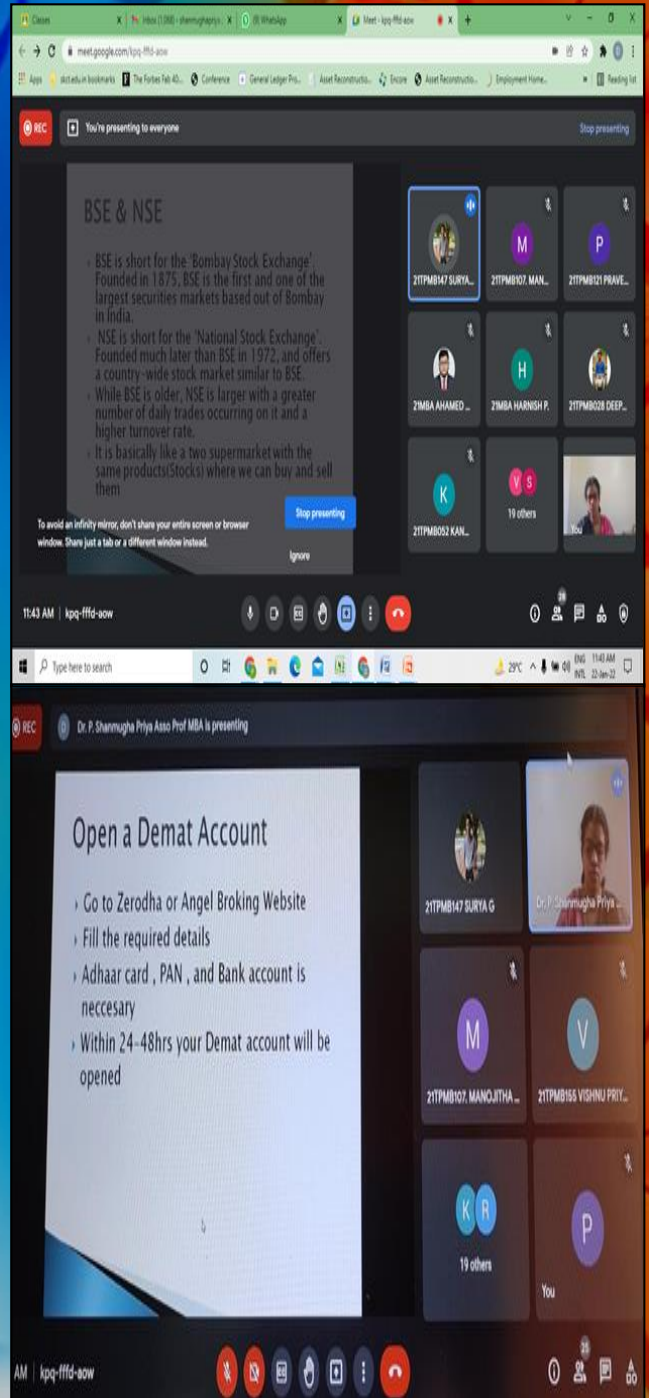
Welcome you all for the event of

BASICS OF STOCKMARKET

22 JANUARY 2022
SATURDAY
AT 11:30AM

Incharge
DR.P.SHANMUGHA PRIYA

Co ordinaters
SURYA G
MANOJITHA A



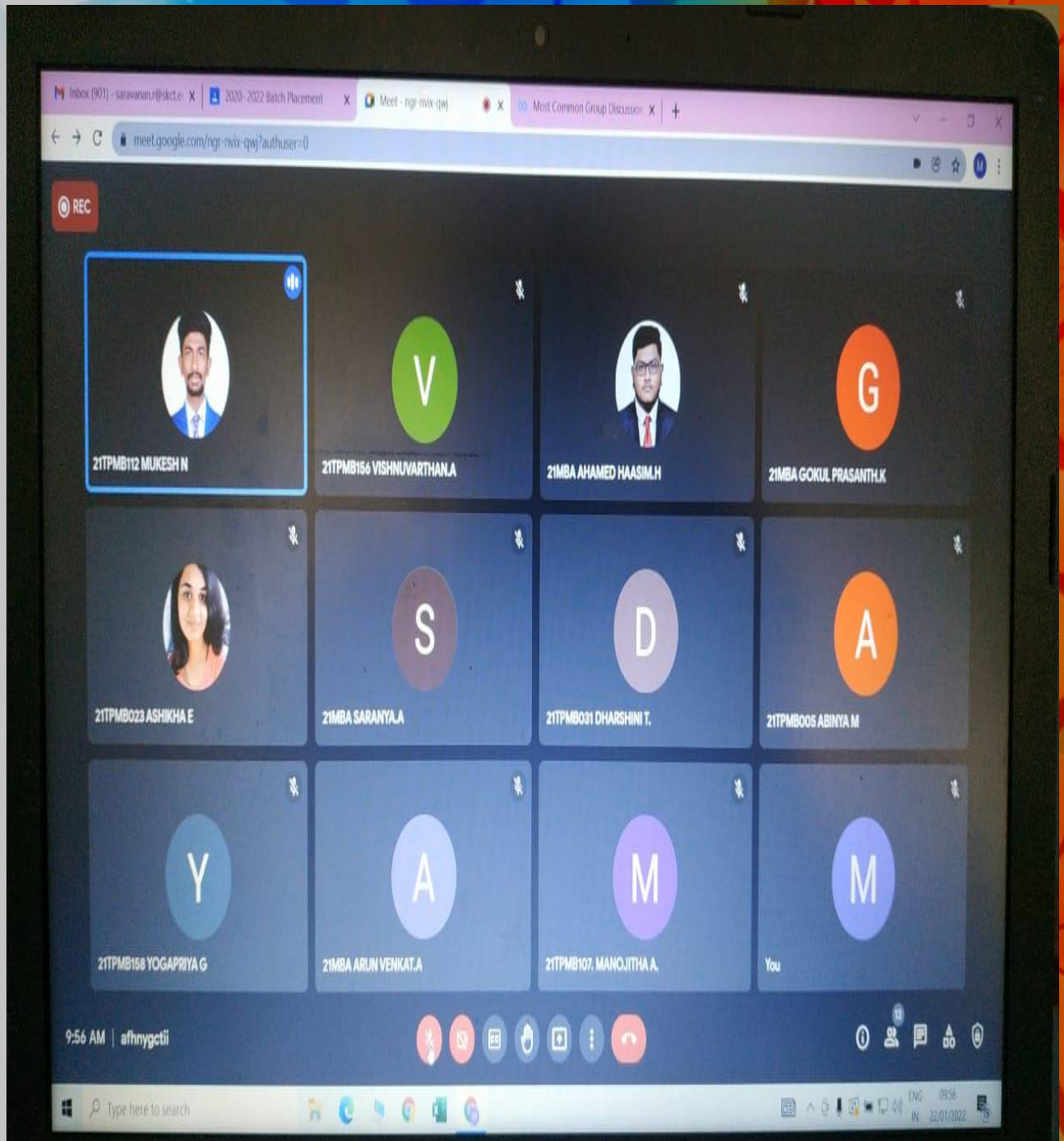
BSE & NSE

- BSE is short for the 'Bombay Stock Exchange'. Founded in 1875, BSE is the first and one of the largest securities markets based out of Bombay in India.
- NSE is short for the 'National Stock Exchange'. Founded much later than BSE in 1972, and offers a country-wide stock market similar to BSE.
- While BSE is older, NSE is larger with a greater number of daily trades occurring on it and a higher turnover rate.
- It is basically like a two supermarket with the same products (Stocks) where we can buy and sell them.

Open a Demat Account

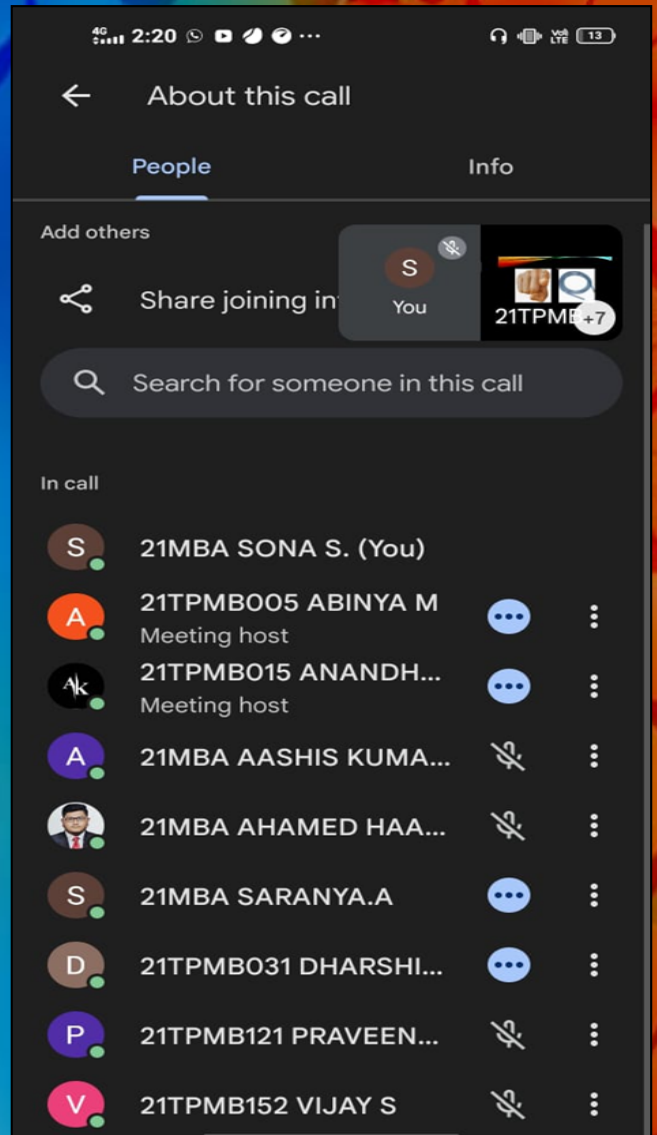
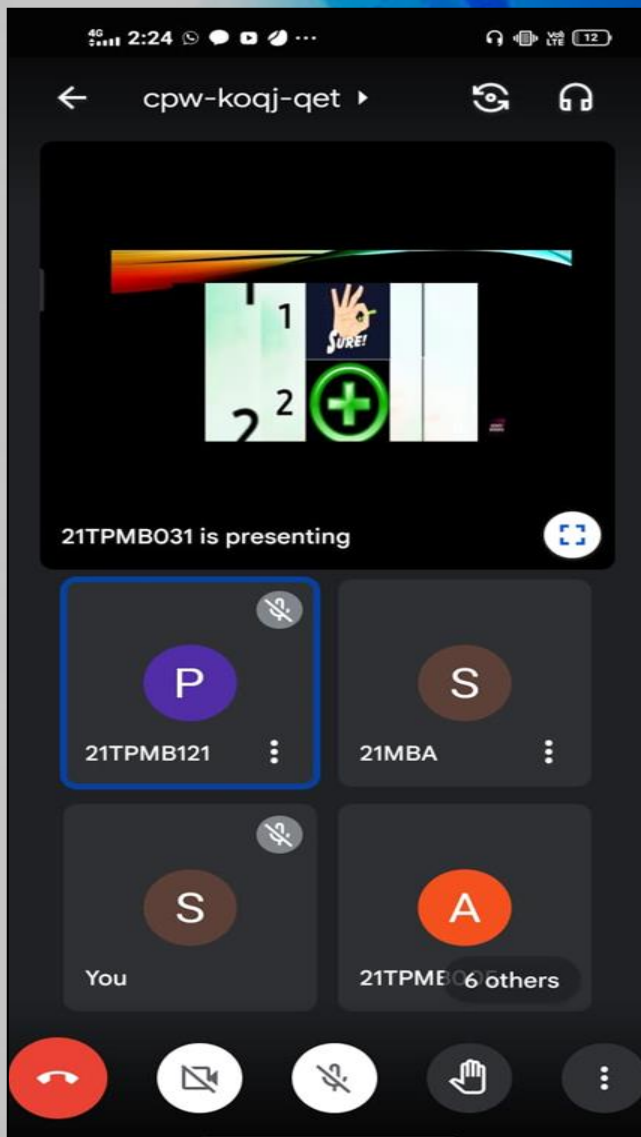
- Go to Zerodha or Angel Broking Website
- Fill the required details
- Adhaar card, PAN, and Bank account is necessary
- Within 24-48hrs your Demat account will be opened

The School of Management organised a webinar on **“Basics of Stock Market”** as a part of Finquizitive Club Activity on 22 January 2022.

SoM | CLUB ACTIVITIES | PLACEMENT CLUB

The School of Management organised a Group Discussion on **“Impact of Technology on Jobs in India”** as a part of Placement Club Activity on 22 January 2022.

SoM | CLUB ACTIVITIES | MARKETING CLUB



The School of Management conducted a quiz on “**Marketing**” as a part of Marketing Club Activity on 22 January 2022.

3

REPUBLIC DAY
CELEBRATION

4

STUDENTS'
PARTICIPATIONS

8

FACULTY
PARTICIPATIONS

13

RESEARCH

6

NEW VISTAS OF
LEARNING

3

ALUMNI
INTERACTION

10

MEETINGS &
DISCUSSIONS

6


EVENTS
ORGANISED

4

CLUB
ACTIVITIES



**WORK HARD
IN SILENCE;
LET SUCCESS
MAKE THE
NOISE.**



Thank you !