

SKET

DIGEST

07 FEBRUARY - 11 FEBRUARY 2022

SPECIAL ISSUE - 89



EDITOR - IN - CHIEF

*Dr V Sreevidya,
Principal In-charge*

EDITORIAL TEAM

Ms S Soundarya, CSE

Ms S Thenmozhi, ECE

Ms B Pavithra, S&H

INSIDE THIS ISSUE

STUDENTS' PARTICIPATIONS

Pg.no : 03 - 08

FACULTY PARTICIPATIONS

Pg.no : 09 - 22

INDUSTRY CONNECT

Pg.no : 23 - 24

RESEARCH

Pg.no : 25 - 28

NEW VISTAS OF LEARNING

Pg.no : 29 - 32

FDPs ATTENDED

Pg.no : 33 - 42

MEETINGS & DISCUSSIONS

Pg.no : 43 - 48

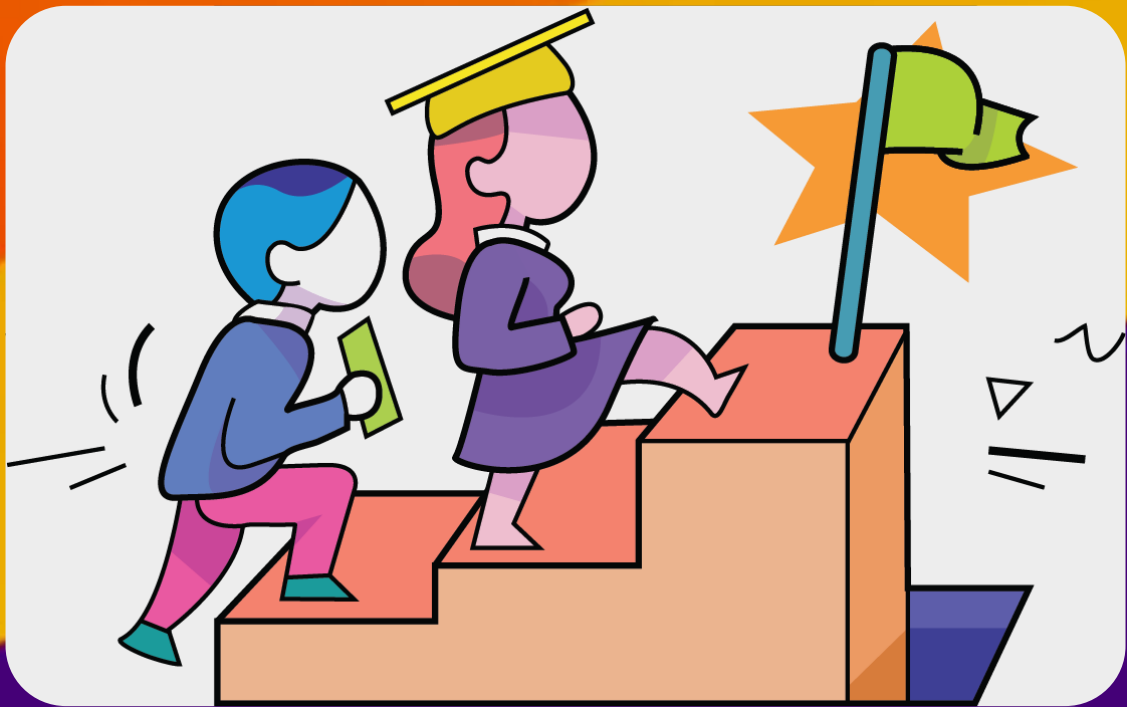
EVENTS ORGANISED

Pg.no : 49 - 55

CLUB ACTIVITIES

Pg.no : 56 - 62

STUDENTS' PARTICIPATIONS



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

CSE | STUDENT ACHIEVEMENT | ICONIC SHORT CINE AWARDS



Mr B R Krithick Krishnna, Student of Final B.E. CSE B section, received the “**Best Socialistic Drama**” and “**Best Experimental Film**” awards from Iconic Short Cine Awards on 27 January 2022.

EEE | STUDENT ACHIEVEMENT | A WAR ON CURRENT AFFAIRS



KURUKSHETRA
A WAR ON CURRENT AFFAIRS
January 2022

TOP RANK HOLDERS

RANK 3
73/75
SAI SANTHOSH R
CHENNAI,
TAMILNADU

RANK 3
73/75
KARTHIKEYAN K
VIRUDHUNAGAR,
TAMILNADU

RANK 3
73/75
MOHIT KUMAR D
CHENNAI, TAMILNADU

ina_vetri_siragugal | INA Tamil | www.indratrust.in

KURUKSHETRA TOP 10 RANK HOLDERS - JAN 2022

1	75 / 75	ARJUN V	THENI, TAMIL NADU
2	74 / 75	HARIHARASUTHAN N	THENI, TAMIL NADU
2	74 / 75	SANTHOSH K	RAMANATHAPURAM
3	73 / 75	SAAI SANTHOSH R	CHENNAI, TAMILNADU
3	73 / 75	K. KARTHIKEYAN	VIRUDHUNAGAR
3	73 / 75	MOHIT KUMAR D	CHENNAI, TAMILNADU
4	72 / 75	DHIVYADHARSHINI R	NAMMAKKAL, TAMILNADU
5	71 / 75	ARSHITH RIJO Y M	KANNIYAKUMARI
5	71 / 75	GOKUL RAJ S	VIRUDHUNAGAR
5	71 / 75	SHERBINSHA S	KANNIYAKUMARI
5	71 / 75	HEMADEVI M	TRICHY, TAMILNADU
5	71 / 75	SHRI RAMYA CHINMAI G	COIMBATORE, TAMILNADU

ina_vetri_siragugal | INA Tamil | www.indratrust.in

Mr D Mohit Kumar, Student of Third B.E. EEE, secured the Third Place in “A War on Current Affairs”, the National Level Contest – Kurukshetra organised by Indian National Academy.

ECE | STUDENTS' & FACULTY PARTICIPATIONS | INTERNATIONAL WEBINAR | MANAGING HEALTHCARE IN INDIA WITH SMART TECHNOLOGIES FROM TAIWAN



Dr M Thillai Rani, Ms M Jaishree, Ms E L Dhivya Priya, Asst. Professors, Mr S Vijay Rajavarshan, Ms S Vijaybharathi, Students of Third B.E. ECE C section and Mr R Pon Dhinesh Kumar, Student of Third B.Tech. IT, attended an International webinar on **“Managing Healthcare in India with Smart Technologies from Taiwan”** organised by IFBC and Rotary 3190 in association with Taiwan Trade Council supported by Asus and imedtac on 28 December 2021.

SoM | STUDENTS' PARTICIPATION | MONDAY MUSINGS

COIMBATORE MANAGEMENT ASSOCIATION

Monday Musings No. 406
1st Week - February 2022

Mr. Ramakrishnan TS,
M.Tech., Ph.D (IIMA),
Macroeconomist & Public Finance Analyst

Mr Ramakrishnan is a Consultant, Visiting Faculty, Researcher, Columnist and Thought Leader on Public Policy, Public Finance, Transport & Infrastructure.

His Doctoral dissertation is on Modal shift estimation and financial viability of High-Speed Rail in India, a case study of Ahmedabad Mumbai corridor.

He has:

- been a Consultant: for Decarbonization of Indian Railways and Fare Fixation Committee for Mumbai Metro
- written more than 100 articles in various English newspapers on Public Finance and Budget, Political Economy and Economic Development
- also written more than 70 articles in Tamil weekly magazine Thuglak
- won IFCI Award for Best Thesis Proposal
- An active participant on TV Platform deliberations on varied topics of social significance

Mr. Jayakumar Ramdass
President

Dr. Nithyanandan Devaraj
Secretary

Invites you to a talk on
Budget 2022
- Sectoral Implications

On Monday - 07/02/2022
From 6:30 PM IST

ALL ARE WELCOME
Venue : Virtual Meeting
Contact: Mr. R.Sundaranarasimman +91 63747 12571
Email : info@coimbatoremgt.in

CHALLENGES FOR THE GOVERNMENT IN IMPLEMENTING BUDGET 2022 OUTLAY

Implementation of the capital expenditure effectively in the first three quarters is the challenge, given the mediocre past record of the departments in central and state governments

Inflation

- Consumer Price Index (CPI) has been hovering close to 6%. RBI may increase the interest rate
- Credit offtake for banks may become sluggish
- Inflation has been high all over the world
- Energy prices (crude oil and coal) have not reduced
- 50% of oil seeds imported from abroad by India
- Supply chain disturbances contribute to Wholesale Price Index (WPI) inflation

Pandemic is not still not yet over. But India is in control of the situation thanks to massive vaccination programme

The Students of First MBA attended a Monday Musings on “**Budget 2022 - Sectoral Implications**” organised by Coimbatore Management Association on 07 February 2022.

FACULTY PARTICIPATIONS



@skctdigest

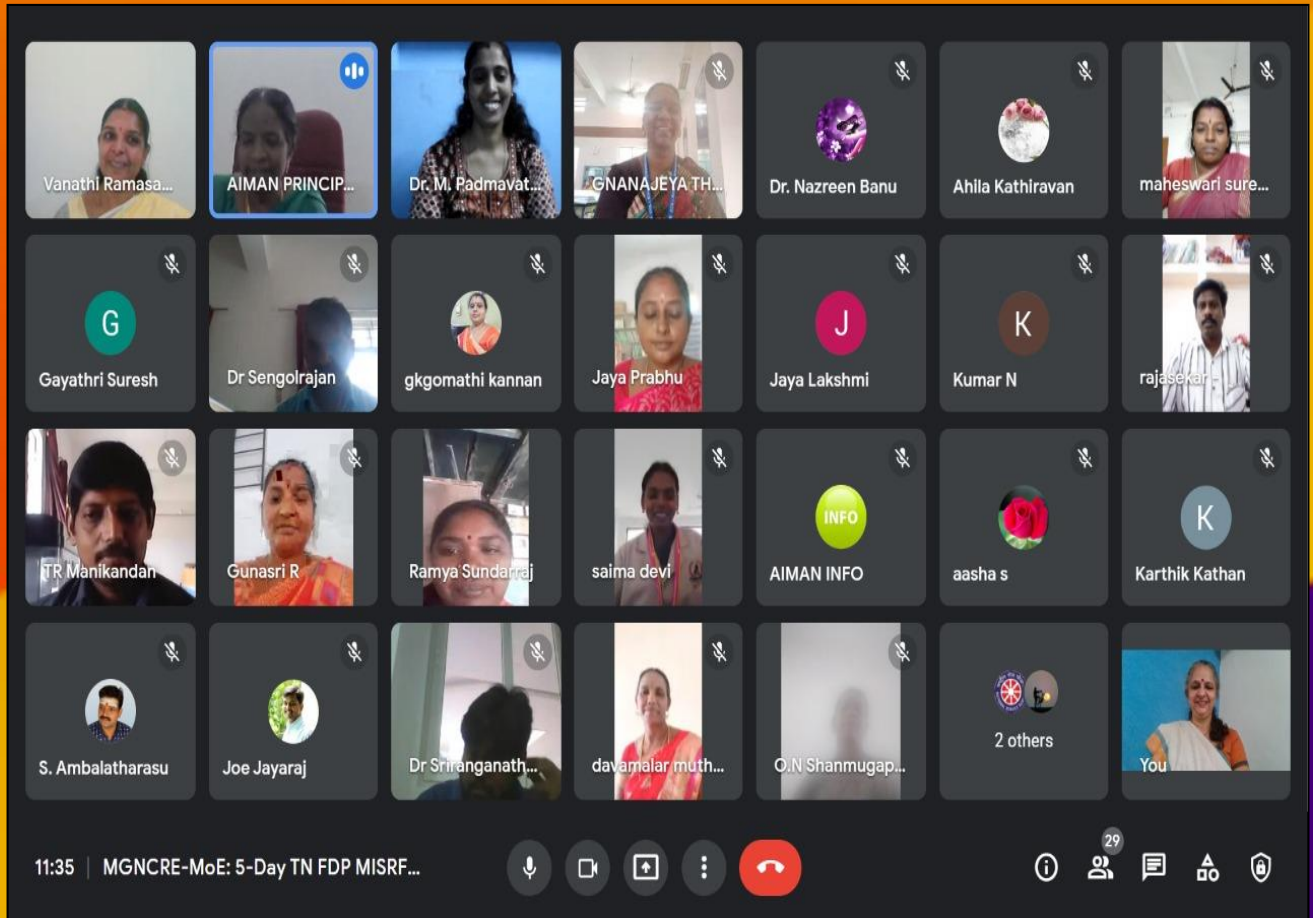


@skctofficial



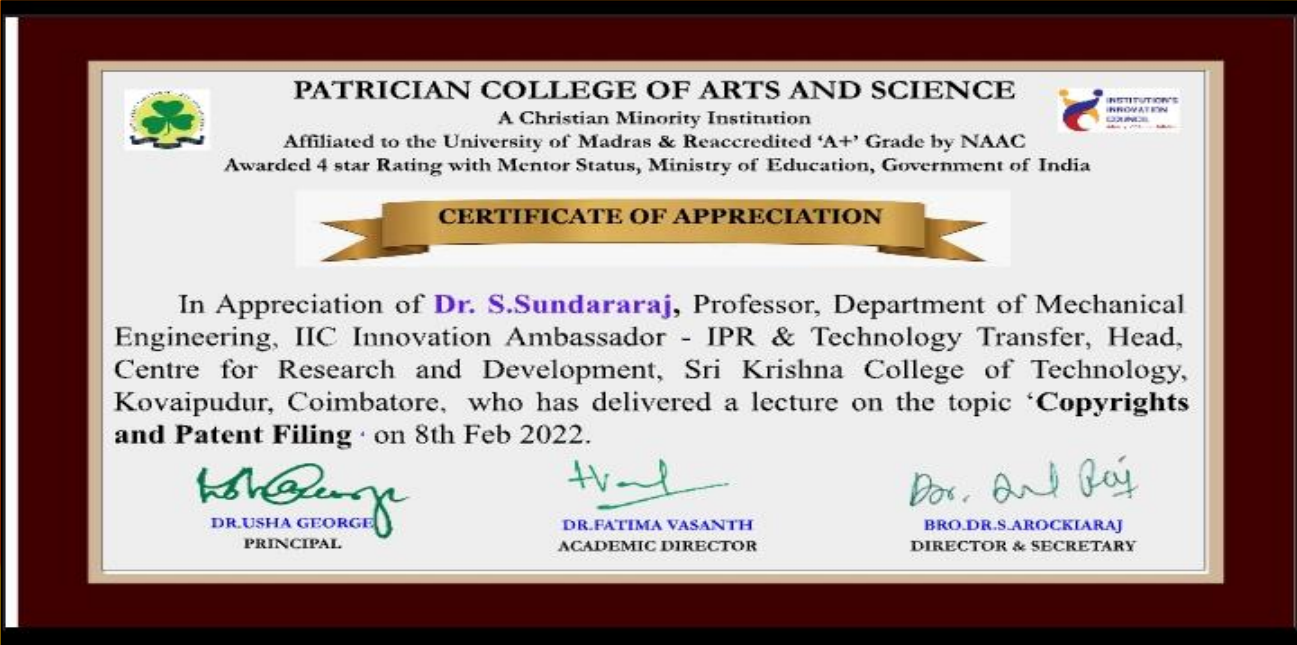
digestfeedback@skct.edu.in

SoM | FACULTY ACHIEVEMENT | RESOURCE PERSON FOR FDP



Dr M Padmavathi, Professor and Head, School of Management, served as a Resource Person for an FDP on **“Mentoring for Institutional Social Responsibility and Facilitation for Community Engagement”** organised by UNESCO CHAIR on Experiential Learning, Work Education and Community Engagement at Mahatma Gandhi National Council of Rural Education (MGNCRE), Dept. of Higher Education, Ministry of Education, Government of India on 01 February 2022.

MECH | FACULTY ACHIEVEMENT | LECTURE DELIVERED | COPYRIGHTS AND PATENT FILING



Copyright registration workflow

```
graph TD
    A[Filing of Application along with fee (DD)] --> B[Issue of Diary No.]
    B --> C[30 days mandatory waiting for objections]
    C --> D{Objection Filed (Y/N)?}
    D -- No objection --> E[Scrutinization by Examiner]
    D -- Objection filed --> F[Application accepted (Objections rejected)]
    E --> G{Discrepancy (Y/N)?}
    G -- Discrepancy Found --> H[Discrepancy letter issued to applicant]
    H --> I[Reply from applicant]
    I --> F
    F --> J[Application accepted]
    J --> K[Sending Letters to both parties]
    K --> L[Reply from both parties]
    L --> M[Hearing by Registrar]
```

Dr. S. Sundararaj is presenting

Participants: Dr. S. Sundararaj, Josephine, You, and 64 others.

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, delivered a lecture on “**Copyrights and Patent Filing**” organised by Patrician College of Arts and Science, Chennai on 08 February 2022.

ECE | FACULTY PARTICIPATION | NITTT MENTORSHIP PROGRAM

Indrajit Saha is presenting

The presentation slide displays a 'Mentor Checklist' table with the following content:

(Phase-I or relevant activities)				
Sr. No.	Activities	Yes	No	Remarks
1	Maintained an E-Portfolio of the inductive teachers.			
2	Prepared detailed action plan for the Phase - II the industrial training and on-the-job training of the inductive teacher.			
3	Maintained assessment record of industrial training of each inductive teacher using the relevant rubric.			
4	Provided feedback on the assignments and activities completed in 1 st phase of the training using respective module rubrics in the 1 st week of the semester of Phase - II.			
5	Conducted orientation programme of Phase - II in the 1 st week of the semester for effective implementation of the 3 modules in an integrated manner during the whole semester.			
6	Maintained evidences of the best practices adopted by inductive teachers during the Phase - II.			
7	Evaluated the inductive teacher during the semester Phase - II based on the evidences included in the portfolio built up by the inductive teacher.			
8	Prepared Assessment of ITP and On-the-job training in Phase - II of ITP.			

Participant thumbnails visible in the meeting:

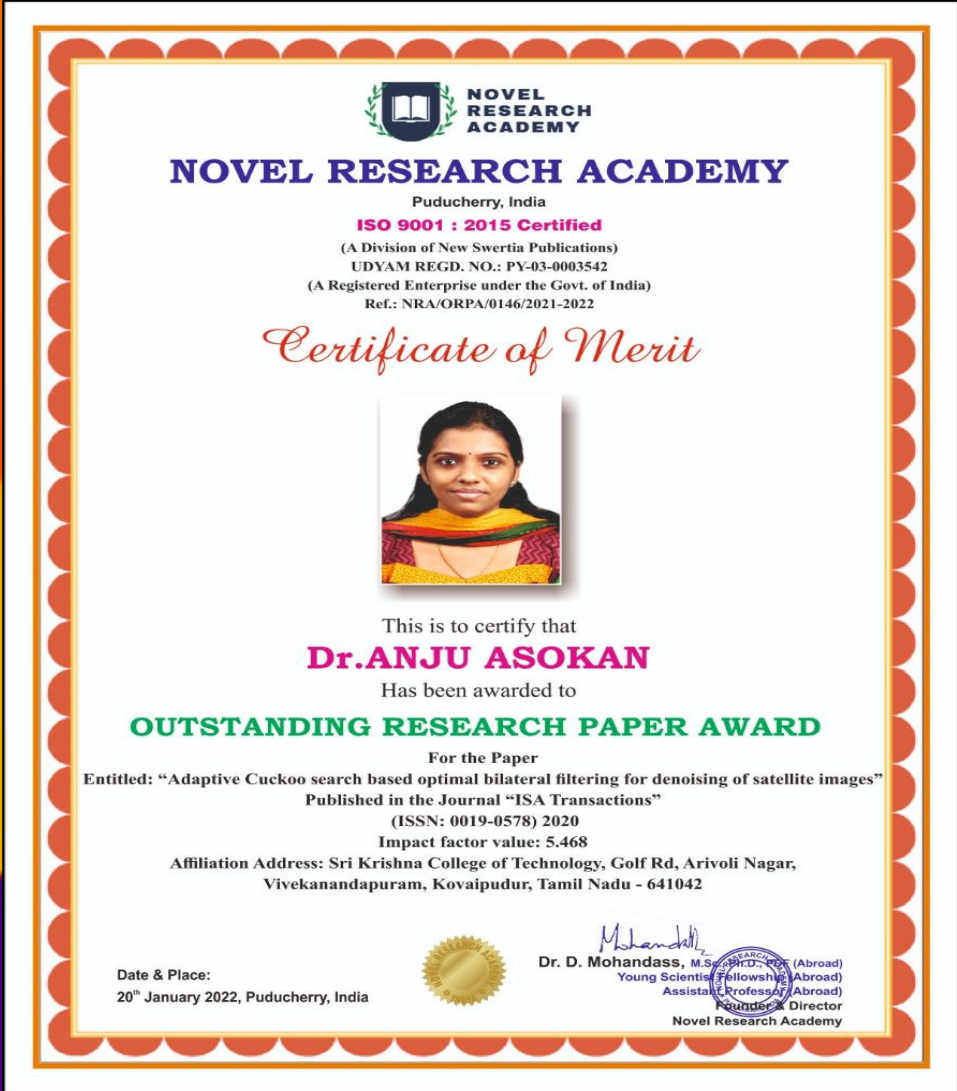
- SANDEEP CHH...
- Indrajit Saha
- Adarsh S
- RANCHAY BHA...
- ARUN TRIPATHI
- ARUNESH CHA...
- Dr.G.Laxmaiah ...
- 90 others
- You

12:01 PM | zqd-nowz-vhm



Dr G M Tamil Selvan, Professor and Head, Dept. of ECE, attended a **“NITTT Mentorship Program”** on 07 February 2022.

**ECE | FACULTY ACHIEVEMENT | OUTSTANDING
RESEARCH PAPER AWARD**



Dr Anju Asokan, Asst. Professor, Dept. of ECE, received an “Outstanding Research Paper Award” from the Novel Research Academy for a paper on “Adaptive Cuckoo Search based Optimal Bilateral Filtering for Denoising of Satellite Images” published in the SCI Journal - ISA Transactions with an Impact Factor of 5.468.

EEE | FACULTY ACHIEVEMENT | COORDINATOR FOR NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION PROGRAM



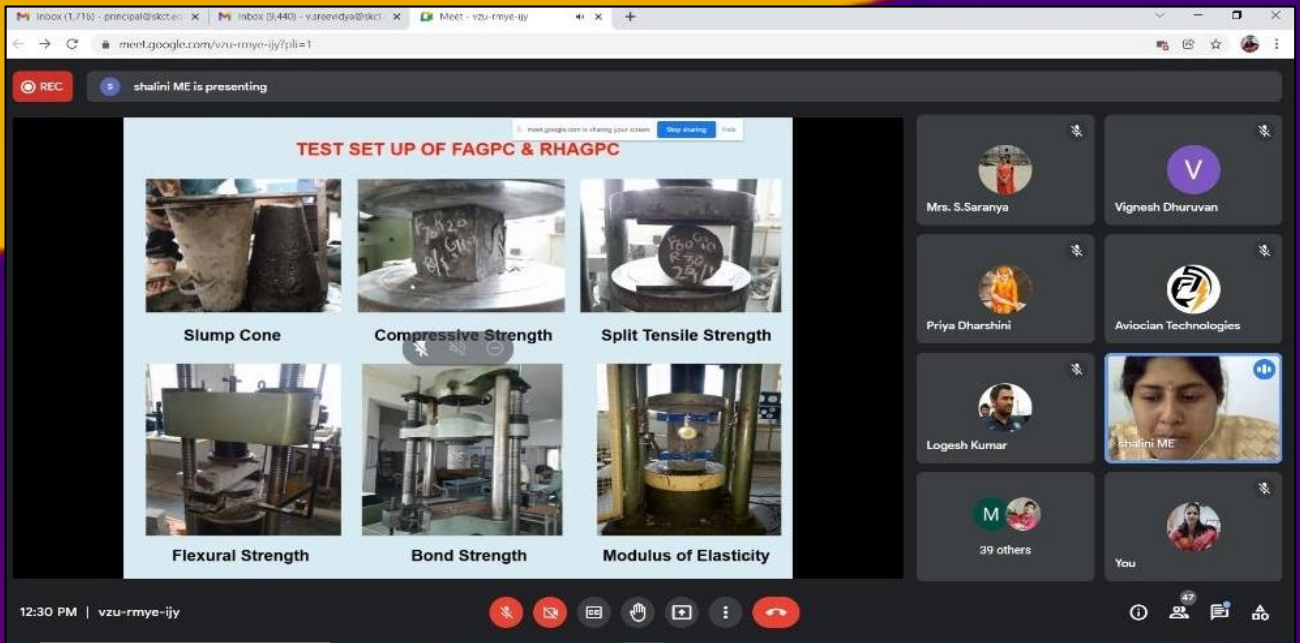
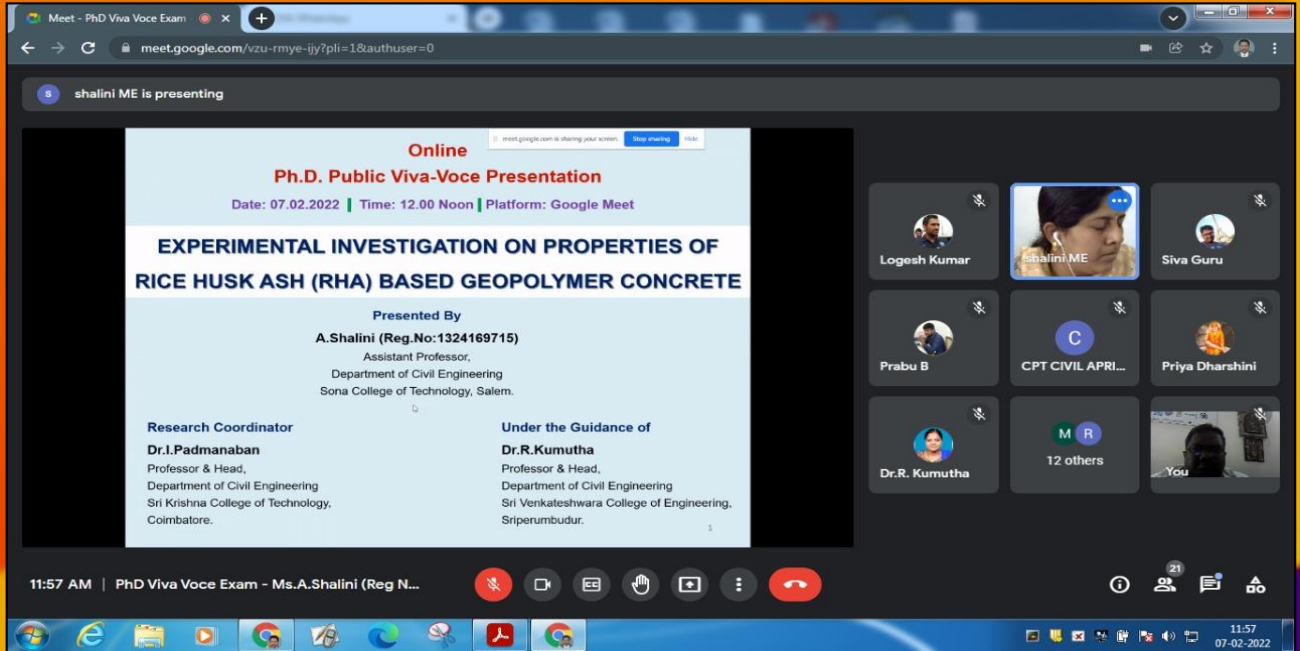
Dr S Saravanan, Asst. Professor, Dept. of EEE, coordinated for conducting the Intellectual Property Awareness Program under “National Intellectual Property Awareness Mission” on 25 January 2022.

CIVIL | FACULTY ACHIEVEMENT | NATIONAL CONFERENCE TECHNICAL REVIEW COMMITTEE MEMBER



Dr V Sathish Kumar, Asst. Professor, Dept. of Civil Engineering, served as a “**Technical Review Committee Member**” for the National Conference on Sustainable Materials and Smart Practices organised by Bannari Amman Institute of Technology, Sathyamangalam during 17-18 December 2021.

CIVIL | FACULTY ACHIEVEMENT | RESEARCH COORDINATOR FOR Ph.D. VIVA VOCE



Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, served as a **“Research Coordinator”** for Ms A Shalini, Ph.D. Research Scholar on 07 February 2022.

EEE | FACUTLY CERTIFICATION | ONLINE COURSE ON AI

CERTIFICATE NO : PS-AI-JAN2022-1556

PANTECH SOLUTIONS®
Technology Beyond the Dreams

CERTIFICATE OF PARTICIPATION

NAME : Dr.R.Senthil kumar
COLLEGE : SRI KRISHNA COLLEGE OF TECHNOLOGY

has Successfully Completed

CERTIFICATE NO : PS-AI-JAN2022-1521

PANTECH SOLUTIONS®
Technology Beyond the Dreams

CERTIFICATE OF PARTICIPATION

NAME : S.SARAVANAN
COLLEGE : SRI KRISHNA COLLEGE OF TECHNOLOGY

has Successfully Completed

CERTIFICATE NO : PS-AI-JAN2022-0865

PANTECH SOLUTIONS®
Technology Beyond the Dreams

CERTIFICATE OF PARTICIPATION

NAME : LENINPUGALHANTHI P
COLLEGE : SRI KRISHNA COLLEGE OF TECHNOLOGY

has Successfully Completed
AI MASTER CLASS (30 DAYS)

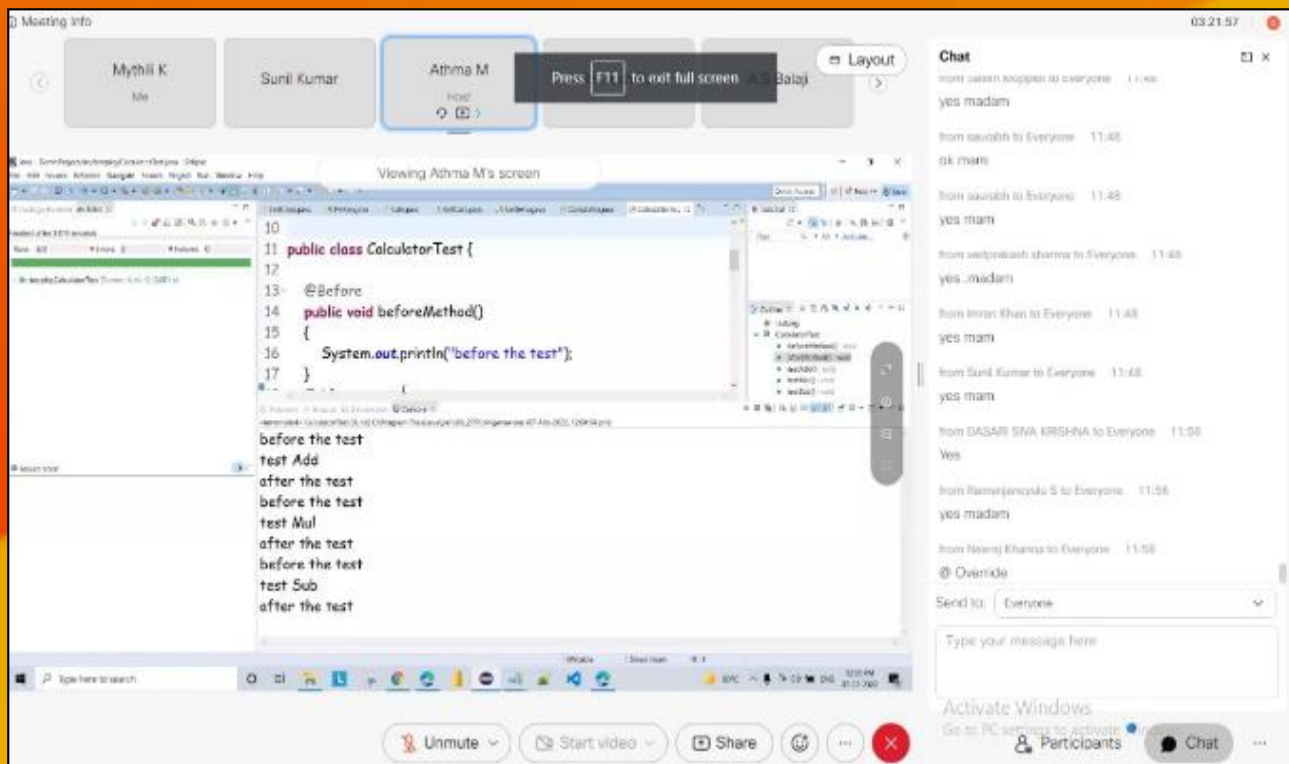
at Pantech Prolabs India Pvt Ltd

From : DEC 20,2021 to : JAN 23 ,2022

M.K. Jeevarajan
M.K.JEEVARAJAN
DIRECTOR
PANTECHSOLUTIONS
www.pantechsolutions.net

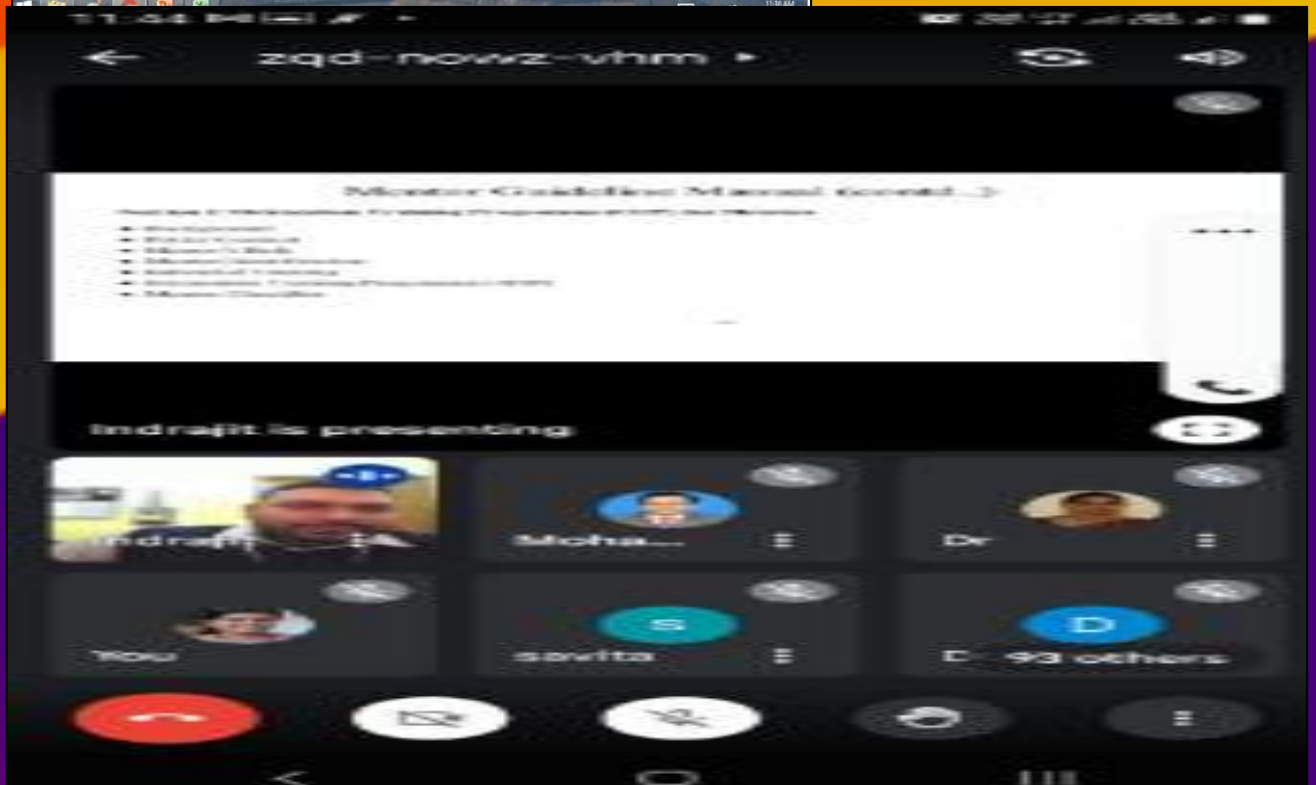
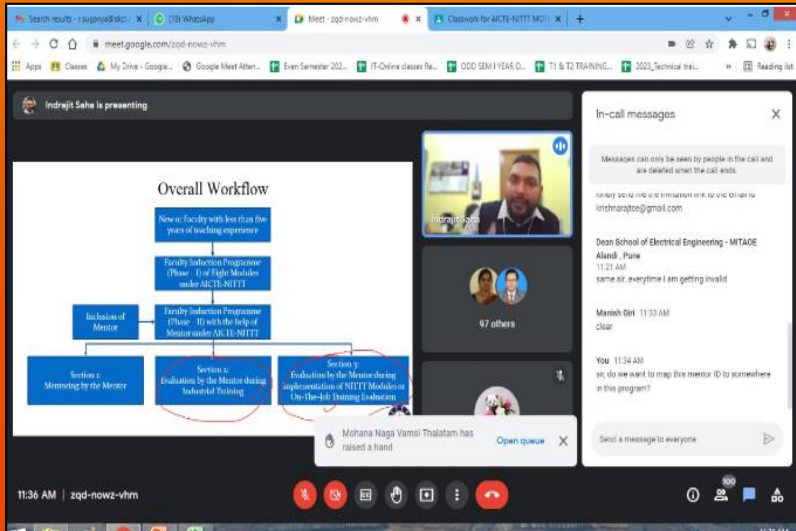
Dr R Senthil Kumar, Dr S Saravannan and Mr P Leninpugalhanthi, Asst. Professors, Dept. of EEE, completed a 30-day online Master Class on “AI” offered through Pantech Prolabs India Pvt. Ltd. during 20 December 2021-23 January 2022.

IT | FACULTY PARTICIPATION | WIPRO PRP TRAINING



Ms K Mythili, Asst. Professor, Dept. of IT, attended a **“Wipro PRP Training”** organised by Wipro Starting on 31 January 2022.

IT | FACULTY PARTICIPATION | NITTTR MENTOR PROGRAM



Dr Suma Sira Jacob, Assoc. Professor and Dr Suganya R, Asst. Professor, Dept. of IT, attended the “NITTTR Mentor Program” on 07 February 2022.

CSE | FACULTY PARTICIPATION | NITTTR MENTOR PROGRAM

Rajeev Chatterjee is presenting

Press Esc to exit full screen

Learning Management System (LMS)

A Learning Management System (LMS) is a software application for the administration, documentation, tracking, and reporting of training programs, classroom sessions and online events, e-learning programs, and training content.

Example of LMS: **MOODLE**(open source), **Blackboard** (proprietary)

Participants: Rajeev Chatterjee, Ranchay Bhateja, Chitra Babu, Minu R I, SANJEEV SINGH, Sandeep P Shewale, Dr Priya, 82 others, You

2:46 PM | Link of AICTE MOTP, to be organized by NITTTR Ko...



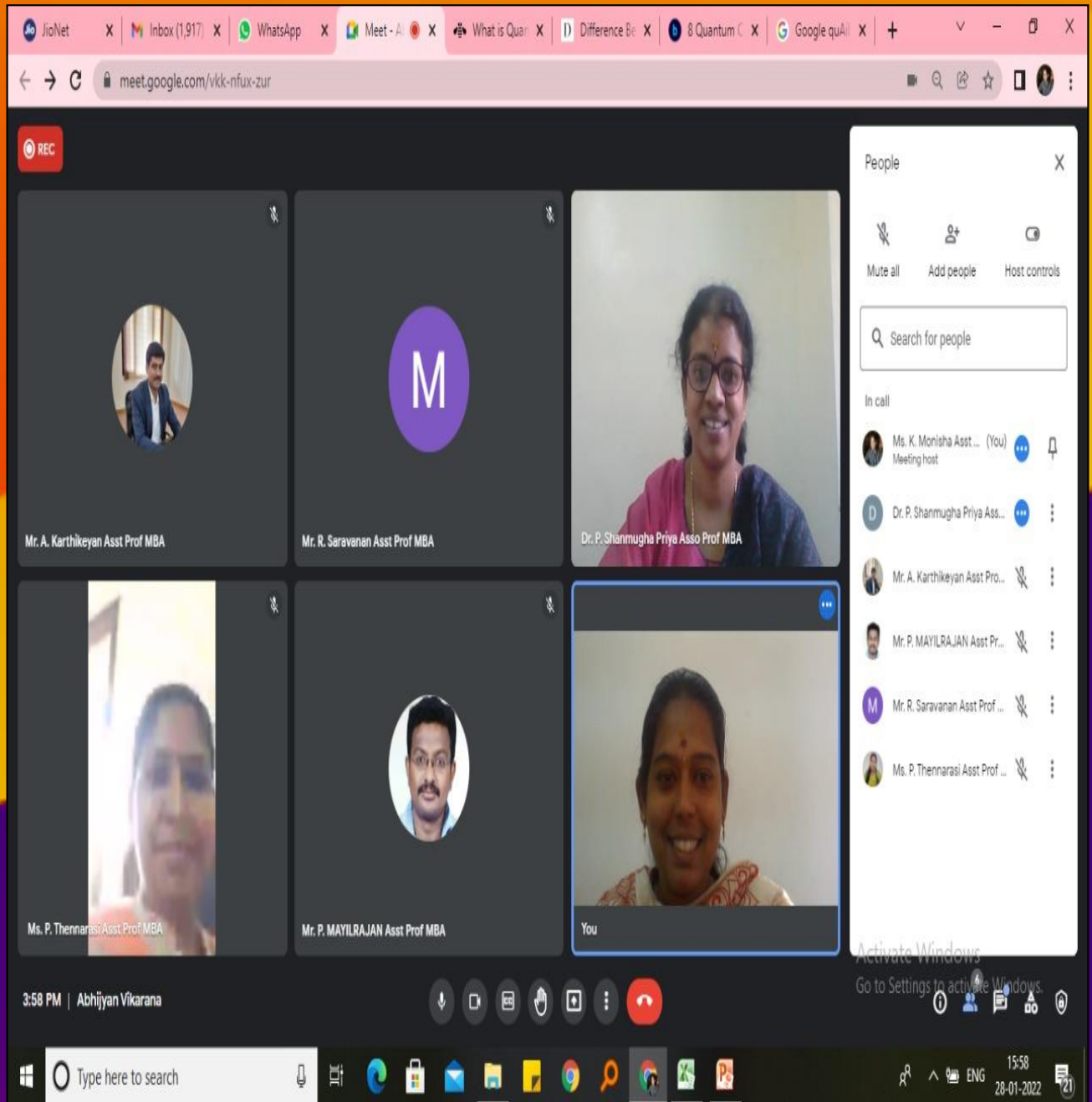
Dr P Tamije Selvy, Professor and Head, Dept. of CSE, attended the “**NITTTR Mentor Training Program**” organised by AICTE National Institute of Technical Teachers’ Training and Research on 07 February 2022.

SoM | ABHIJINYAN VICARANA KNOWLEDGE SHARING SESSION



Mr Mayilrajan P, Asst. Professor, School of Management, shared his knowledge on **“FOMO Marketing Technique”** through **“Abhijinyan Vicarana”**, a knowledge sharing session on 05 February 2022.

SoM | ABHIJINYAN VICARANA KNOWLEDGE SHARING SESSION



Ms Monisha K, Asst. Professor, School of Management, shared her knowledge on **“Quantum Computing”** through **“Abhijyan Vicarana”**, a knowledge sharing session 03 February 2022.

INDUSTRY CONNECT



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

MECH | INDUSTRY CONNECT



Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, interacted with Mr Dhayalan, Managing Director, Mahalaxmi Industries regarding machines in the lab at SKCT on 04 February 2022.

RESEARCH



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

MECH | PAPER PUBLISHED IN INSTITUTE OF
ENGINEERS JOURNAL

J. Inst. Eng. India Ser. D
https://doi.org/10.1007/s40033-021-00306-w

ORIGINAL CONTRIBUTION

Assessing the Tribological Behaviour of Stir Casted AA 6063 with $xwt\%$ ZrSiO₄ and $6wt\%$ TiB₂ Hybrid Composites

K. Kaviyaranan¹ · R. Soundararajan² · R. Robin Roger¹ · S. Rudresh¹ · R. Sharfaraaz Ismail¹ · V. Sankar Prasanth¹

Received: 5 May 2021 / Accepted: 9 October 2021
© The Institution of Engineers (India) 2022

Abstract A new combination of AA6063 as a matrix material with ZrSiO₄ and TiB₂ as its reinforcements were taken to fabricate hybrid composites by stir casting method. The fabricated specimens are as-cast condition; initially, in further by varying, the reinforcement particles of 2 and 4 weight percentage (wt%) of ZrSiO₄ and 6 wt% of TiB₂ were kept constant. The three prepared specimens were tested at room temperature under dry sliding conditions using pin on disc tribometer with applied loads of 20 N, 50 N with a velocity of sliding as 1, 2 and 3 m/s, respectively. The responses for all the test specimens are rate of wear and frictional coefficient, were measured and computed besides worn-out surface mechanisms and were examined through scanning electron microscopy. The observed results revealed that higher weight percentage of AA6063 with 4 wt% ZrSiO₄ and 6 wt% TiB₂ hybrid composite sample exhibits lower rate of wear and higher frictional coefficient than other test samples for all the applied load and sliding velocity settings. This is due to harder particles plays in the softer alloy shows higher hardness. SEM analysis reveals, when the 50 N applied load with a 3 m/s sliding velocity condition shows deep groove and severe delamination was observed for soft natured test samples followed by absence of crack, delamination, particle pullout and mild surface damage was observed for highest weight percentage addition test specimen. The new combination of hybrid composites has better tribological behaviour in which it can be preferred for automobile and aeronautical component replacement.

Keywords AA6063 · TiB₂ · ZrSiO₄ · Tribometer · Wear and friction

Introduction

A group of materials which consists of matrix element as the metal/an alloy and the reinforcement element [It may be particulate, short fibre or continuous fibre] are termed as 'Metal matrix composites'. Among the various metals, aluminium alloy possess low density/weight, good strength and toughness, and high resistance to corrosion [1]. Due to these properties, it finds its automotive applications like pistons, cylinder heads, suspension, transmission and steering which can be used as an alternative material for conventional cast iron [2, 3]. Amidst the several aluminium alloys, AA6063 alloy is more resistant towards corrosion and shows better strength and utilized in automobiles [4, 5]. Aluminium alloys can be processed by different fabrication techniques namely stir casting, squeeze casting and powder metallurgy, etc. Among the above three techniques, in stir casting route, the metal yield is higher, low damage to reinforcement and least expensive [6, 7]. So, stir casting processing is chosen. With respect to aluminium metal matrix composites, a large quantum of work has been done on improving the mechanical properties when reinforced with particulates like silicon carbide [8–12], alumina [8], and boron carbide [8, 13–15]. A notable improvement in mechanical and tribological properties was observed.

✉ K. Kaviyaranan
kkaviyaranan92@gmail.com

¹ Department of Mechanical Engineering, Sri Krishna College of Technology, Coimbatore, Tamil Nadu 641042, India

² Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu 641008, India

Published online: 05 February 2022

Springer

Mr K Kaviyaranan, Asst. Professor, Dept. of Mechanical Engineering, published a paper on “Assessing the Tribological Behaviour of Stir Casted AA6063 with $xwt\%$ ZrSiO₄ and $6wt\%$ TiB₂ Hybrid Composites” in the Institute of Engineers Journal on 05 February 2022.

EEE | PATENT PUBLISHED | IoT BASED SMART VEHICLE AUTOMATION AND ENHANCED SAFETY, SECURITY AND TRACKING SYSTEM BY WIRELESS SENSOR NETWORK

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

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141057953
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/12/2021
APPLICANT NAME	1 . G.Ramkumar 2 . Ms.S.Surekha 3 . M.Tamilselvi 4 . Dr.Yogeeswaran 5 . Dr.D.Arulanantham 6 . Dr. Santhosh P 7 . Dr.S.Parasuraman
TITLE OF INVENTION	IoT based Smart Vehicle Automation and Enhanced Safety, Security and Tracking System by Wireless Sensor Network
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	thandaiahprabu@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

[View Documents](#)

→ Filed
→ Published
→ RQ Filed
→ Under Examination
→ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Dr S Santhosh, Asst. Professor, Dept. of EEE, filed a patent on “IoT based Smart Vehicle Automation and Enhanced Safety, Security and Tracking System by Wireless Sensor Network.”
Application Number: 202141057953, Published on 04 February 2022.

CSE | PATENT PUBLISHED | A SYSTEM AND METHOD OF A SMART SHOPPING TROLLEY

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202141058350 A
(19) INDIA	
(22) Date of filing of Application : 15/12/2021	(43) Publication Date : 04/02/2022
(54) Title of the invention : A SYSTEM AND METHOD OF A SMART SHOPPING TROLLEY	
(51) International classification G06Q09/0060000, G06N02/000000, B62D08031 40000, H04L0029080000, G07G0003000000	(71) Name of Applicant : 1)SRI KRISHNA COLLEGE OF TECHNOLOGY Address of Applicant: Kovaiapudur Post, Coimbatore - 641042, Tamil Nadu, India. ----- Name of Applicant : NA Address of Applicant : NA (72) Name of Inventor : 1)G SANDHYA Address of Applicant: D/o. M GANGADHARAN, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 2)P DIVYA Address of Applicant: D/o. R PANIGERSELVAM, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 3)VIRAJA RAVI Address of Applicant: W/o. BALARAMA KRISHNA ANCHA, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 4)T SUGANYA Address of Applicant: D/o. R THIRUVENGADAM, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 5)A SUNITHA NANDHINI Address of Applicant: D/o. M AREMUGAM, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 6)T RAGHUNATHAN Address of Applicant: S/o. P THANGAVEL, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 7)Dr. R NETHIAVATHY Address of Applicant: W/o. J C ROGER ANTONY, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 8)G POORANI Address of Applicant: D/o. K GOVINDARAJ, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. ----- 9)D DARLING JEMIMA Address of Applicant: D/o. J DEIVADASS INRASEKAR, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR POST, COIMBATORE - 641042, TAMIL NADU, INDIA. -----
(86) International Application No Filing Date	PCT/ 03/03/1900
(87) International Publication No	: NA
(51) Patent of Addition to Application Number	NA
Filing Date	NA
(52) Divisional to Application Number	NA
Filing Date	NA
(57) Abstract : The present invention relates to an IoT based smart shopping trolley. As technology evolves and sees new developments in various fields, including artificial intelligence, machine learning, so on, there are growing customer expectations in World Wide Web. With the rapidly changing lives, customers have absolutely no time to wait in long lines to do their jobs. We present a clever shopping method with RFID and Arduino controller in this invention. The trolleys in the shopping cart are a protocol so that they can verify the items placed in them automatically and the last bill is forwarded to a web application, available on any phone or handheld computer. The system is also subject to anti theft management, where the system allows no customer to take unchecked products. No. of Pages : 29 No. of Claims : 5	
The Patent Office Journal No. 05/2022 Dated 04/02/2022	
6010	

Ms G Sandhya, Ms P Divya, Ms Viraja Ravi, Ms T Suganya, Ms A Sunitha Nandhini, Ms T Raghunathan, Dr R Nithiavathy, Ms G Poorani and Ms D Darling Jemima, Asst. Professors, Dept. of CSE, published a patent on "A System and Method of a Smart Shopping Trolley." Ref. No. 202141058350.

NEW VJSTAS OF LEARNING



@skctdigest

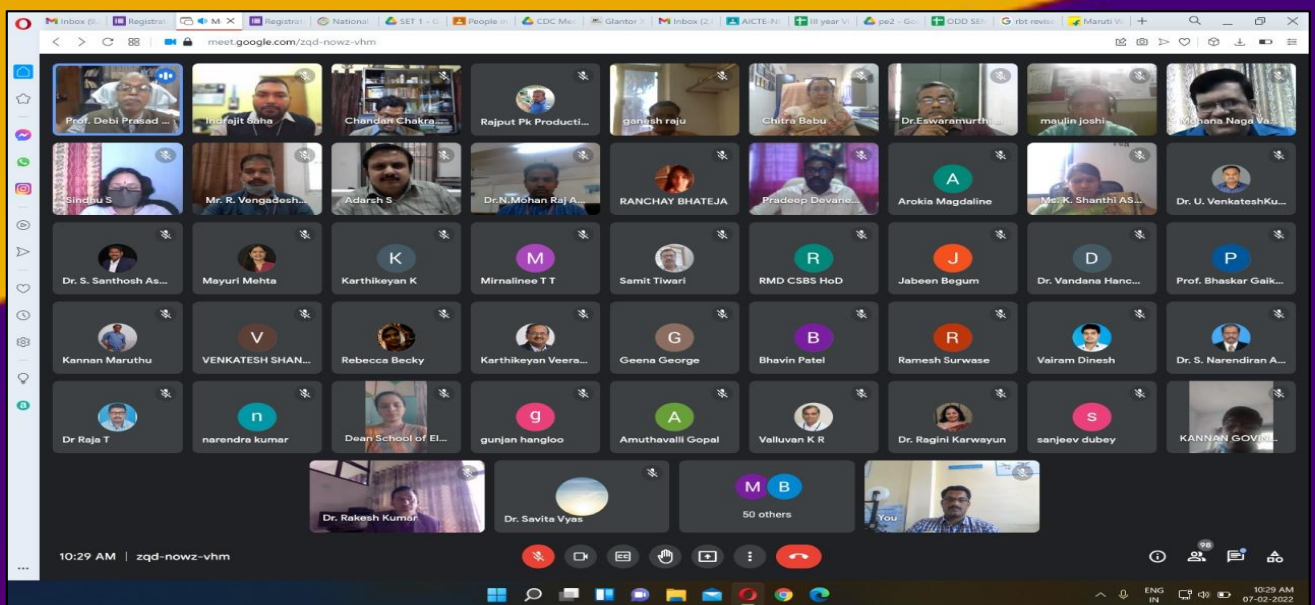
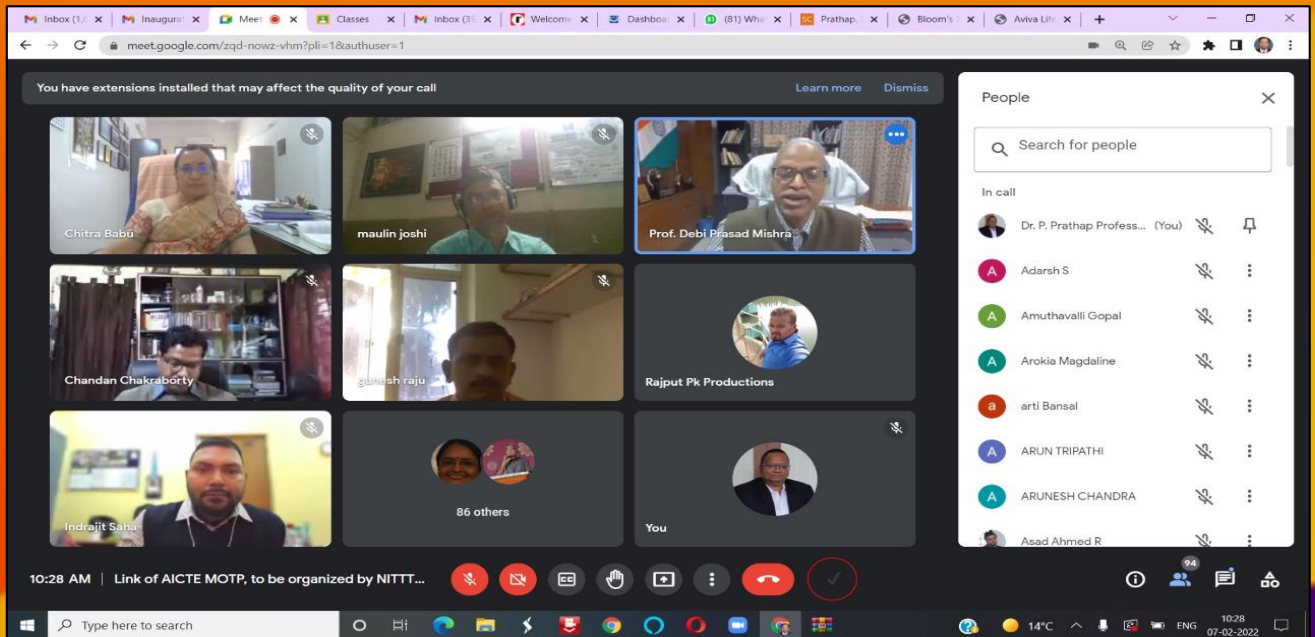


@skctofficial



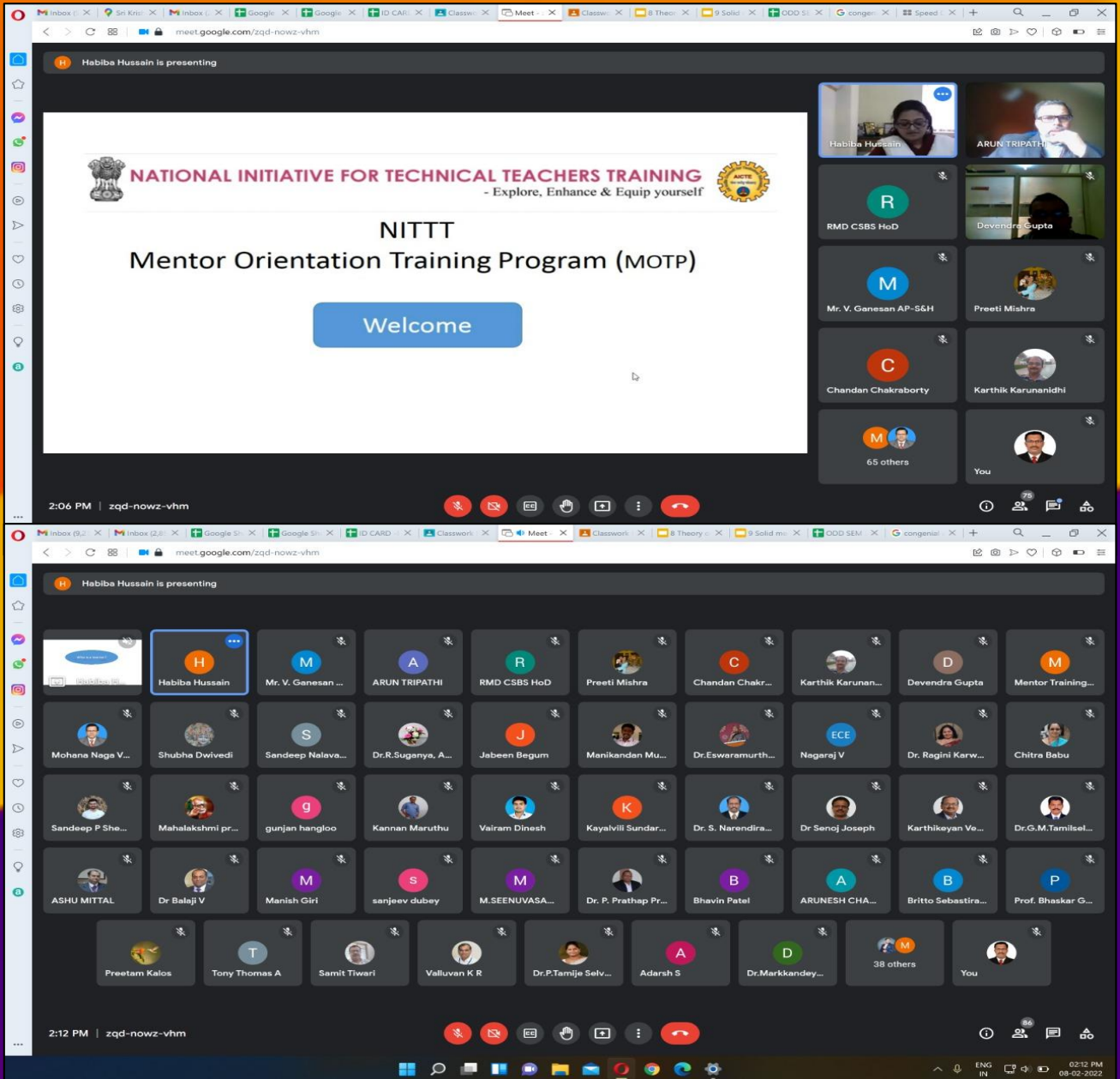
digestfeedback@skct.edu.in

MECH | WORKSHOP ON NITTTR MENTOR TRAINING PROGRAM



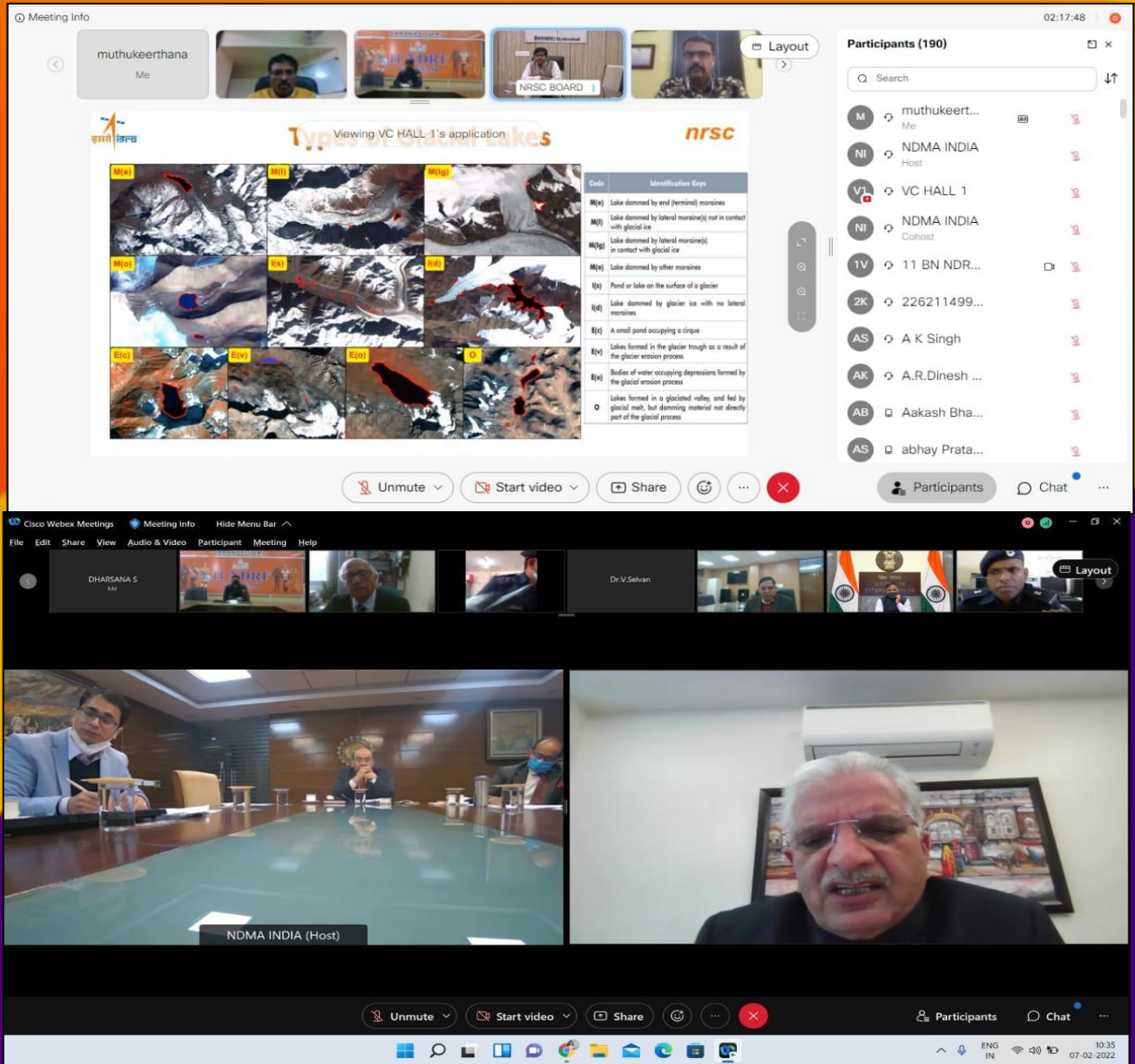
Dr P Prathap, Professor and Head, Dr S Santhosh and Dr P Sakthivel, Assoc. Professors, Dept. of Mechanical Engineering, attended a “NITTTR Mentor Training Program (Day 1)” on 07 February 2022.

MECH | WORKSHOP ON NITTTR MENTOR TRAINING PROGRAM



Dr P Prathap, Professor and Head, Dr S Santhosh and Dr P Sakthivel, Assoc. Professors, Dept. of Mechanical Engineering, attended a "NITTTR Mentor Training Program (Day 2)" on 08 February 2022.

CIVIL | WORKSHOP ON MOUNTAIN HAZARDS AND LESSONS LEARNT FROM UTTARKHAND DISASTER



Ms S Muthukeerthana and Ms S Dharshana, Asst. Professors, Dept. of Civil Engineering, attended a workshop on “**Mountain Hazards and Lessons Learnt from Uttarkhand Disaster**” organised by NDMA on 07 February 2022.

FDPs ATTENDED



@skctdigest



@skctofficial



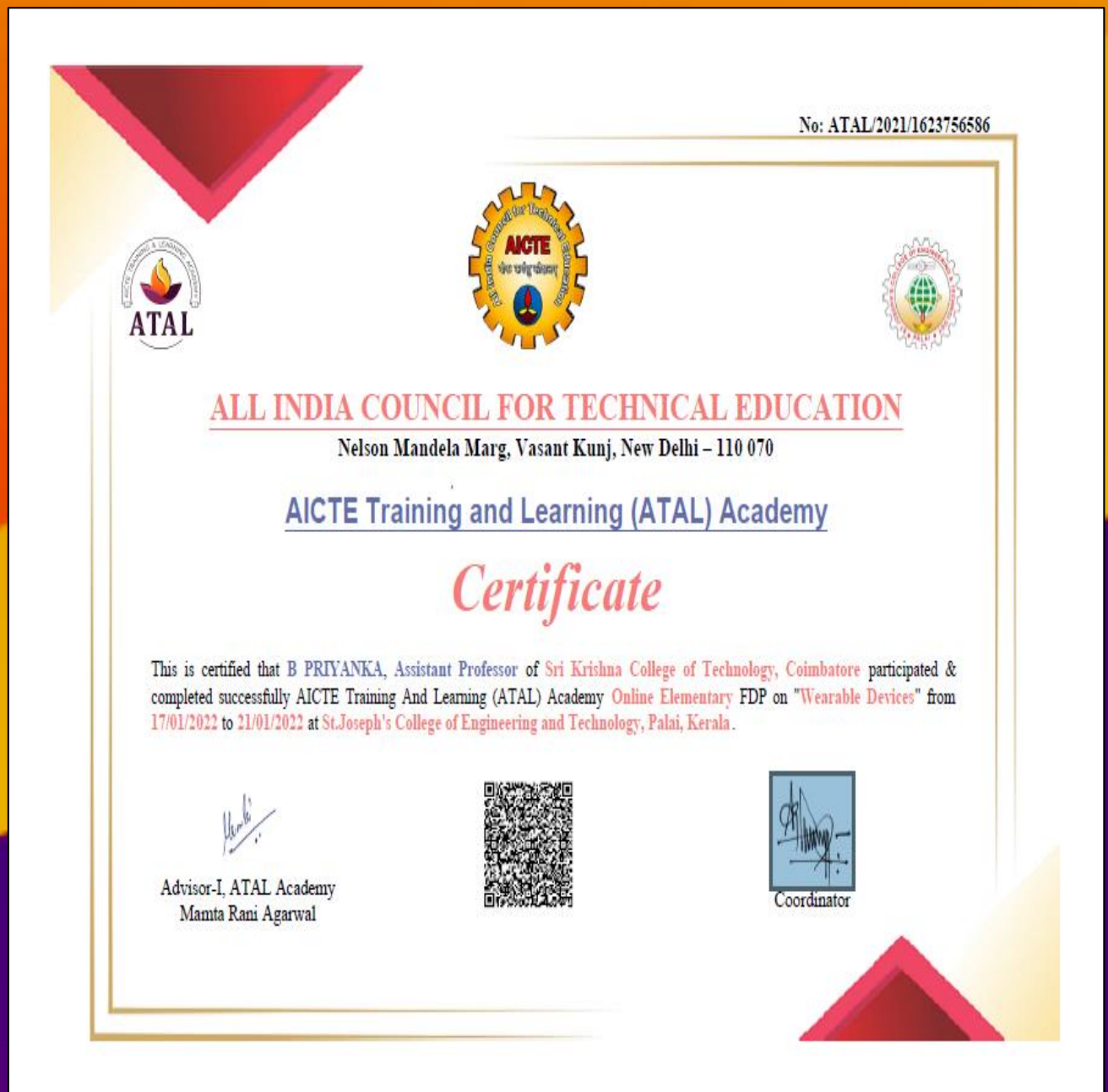
digestfeedback@skct.edu.in

MECH | ATAL FDP ON INTRODUCTION TO THE MATHEMATICAL MODELLING OF SMART MATERIALS AND THE APPLICATIONS TO SENSORS AND ACTUATORS



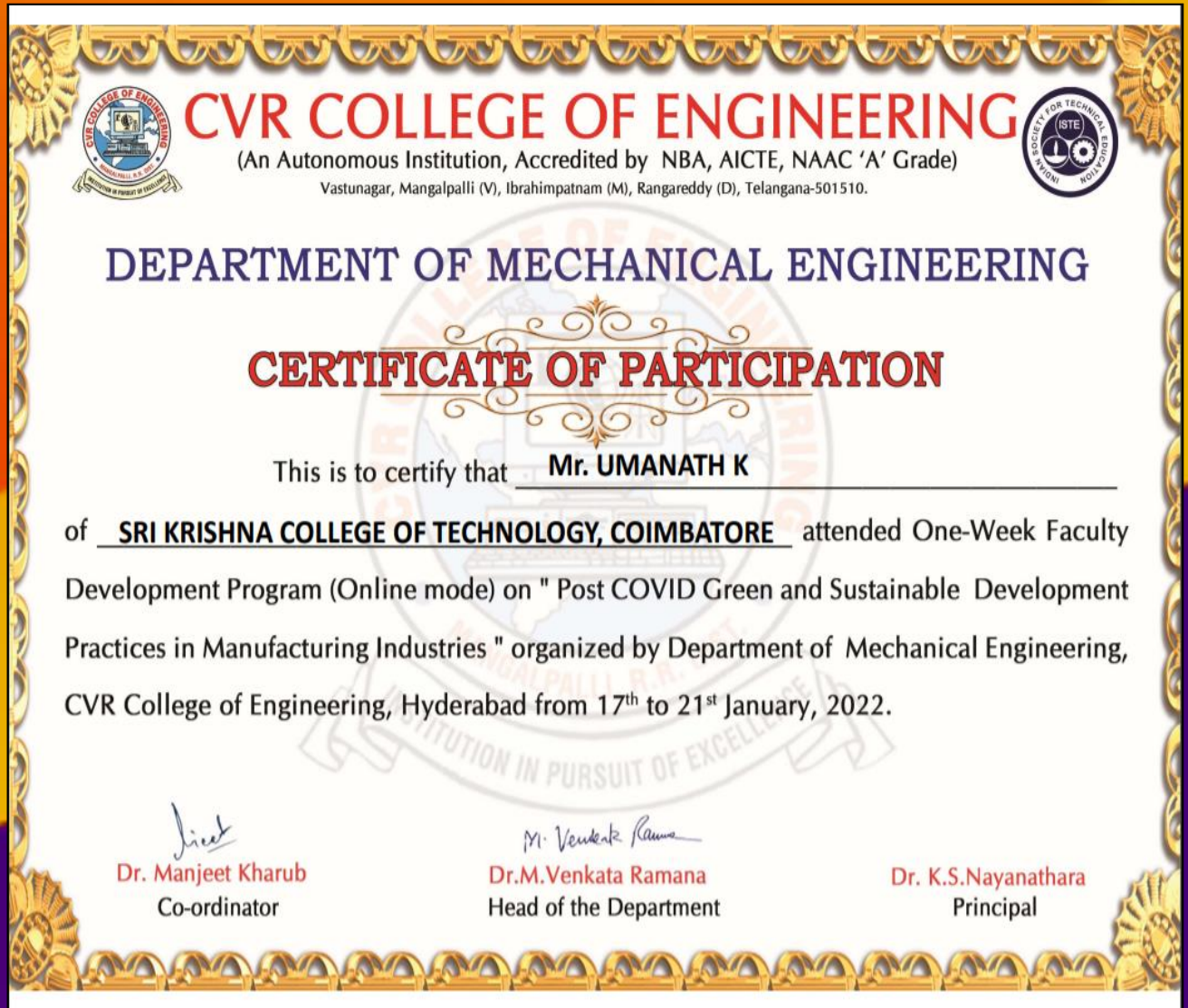
Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, attended an FDP on "Introduction to the Mathematical Modelling of Smart Materials and the Applications to Sensors and Actuators" organised by IIT, Jammu during 10-14 January 2022.

ECE | ATAL FDP ON WEARABLE DEVICES



Ms B Priyanka, Asst. Professor, Dept. of ECE, completed ATAL Academy online FDP on "**Wearable Devices**" organised by St. Joseph's College of Engineering, Kerala during 17-21 January 2022.

MECH | FDP ON POST COVID GREEN AND SUSTAINABLE DEVELOPMENT PRACTICES IN MANUFACTURING INDUSTRIES



Mr K Umanath, Asst. Professor, Dept. of Mechanical Engineering, attended a One-week FDP on “**Post Covid Green and Sustainable Development Practices in Manufacturing Industries**” organised by CVR College of Engineering, Hyderabad during 17-21 January 2022.

MECH | TWO WEEKS TRAINING PROGRAM | AICTE STUDENT LEARNING ASSESSMENT - STTP - PARAKH



Mr K Umanath, Asst. Professor, Dept. of Mechanical Engineering, attended two weeks training program faculty members on “**AICTE Student Learning Assessment - STTP - PARAKH**” organised by Construction Industry Development Council during 10-23 January 2022.

MECH | TWO WEEKS TRAINING PROGRAM | AICTE STUDENT LEARNING ASSESSMENT - STTP - PARAKH



Mr T Nithyanandhan, Asst. Professor, Dept. of Mechanical Engineering, attended a two week training program for faculty members on “**AICTE Student Learning Assessment - STTP - PARAKH**” organised by Construction Industry Development Council during 10-23 January 2022.

ECE | TWO WEEKS TRAINING PROGRAM | AICTE STUDENT LEARNING ASSESSMENT - STTP - PARAKH



Dr M Thillai Rani and Ms D Nageswari, Asst. Professors, Dept. of ECE, attended two weeks training program on “**AICTE Student Learning Assessment - STTP - PARAKH**” organised by Construction Industry Development Council during 10-23 January 2022.

SoM | SEVEN-DAY NATIONAL LEVEL FDP ON INVESTOR EDUCATION



Dr Jafersadhiq, Assoc. Professor, School of Management, attended a Seven-day National level Faculty Development Programme on “**Investor Education**” organised by Sradha Academy for Financial Education during 17-23 January 2022.

**CSE | TRAINING PROGRAM ON AICTE STUDENT
LEARNING ASSESSMENT PARAKH**

Ms S Sathya Bama, Asst. Professor, Dept. of CSE, attended two weeks training program for faculty members on “**AICTE Student Learning Assessment - STTP**” organised by PARAKH in collaboration with Construction Industry Development Council during 10-23 January 2022.

CIVIL | TRAINING PROGRAM ON AICTE STUDENT LEARNING ASSESSMENT PARAKH



Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, attended two weeks training program for faculty members on “**AICTE Student Learning Assessment - STTP**” organised by PARAKH in collaboration with Construction Industry Development Council during 10-23 January 2022.

MEETINGS & DISCUSSIONS



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

ECE | MEETINGS & DISCUSSION



Dr G M Tamil Selvan, Professor and Head, Dept. of ECE, conducted a meeting with the Members of Faculty regarding the Research Progress and Semester Examination on 08 February 2022.

CSE | DEPARTMENT MEETING

Dr P Tamiye Selvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding Academic Activities, Online Classes for First Years, End Semester Examination for the Students of Second, Third and Final B.E., R&D Activities, etc. on 08 February 2022.

EEE | DEPARTMENT MEETING



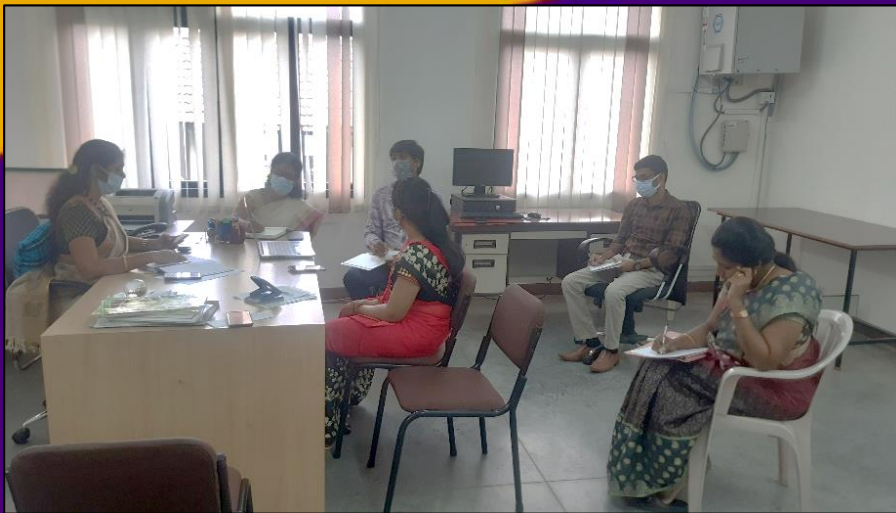
Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding Academic Activities for the Students of First B.E. CIA - II Examination, End Sem Examination, R&D Activities, etc. on 08 February 2022.

CIVIL | DEPARTMENT MEETING

Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding Academic Activities, End Semester Examination, R&D Activities, etc. on 08 February 2022.



SoM | DEPARTMENT MEETING



Dr M Padmavathi, Professor and Head, School of Management, conducted a meeting with the Members of Faculty regarding Research Activities, Module 3 PPT Review and Internal Exams on 08 February 2022.

CSE | RESEARCH PROGRESS MEETING

Dr D Jeyabharathi, Asst. Professor and Research Coordinator, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Progress of Research, Action Plan For 2022 and Proposal Submission on 09 February 2022.

EVENTS ORGANISED



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

S&H | EVENT ORGANISED | WORLD CANCER DAY | WEBINAR ON CLOSE THE CARE GAP IN CANCER CARE



SRI KRISHNA COLLEGE OF TECHNOLOGY

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

Kovaipudur, Coimbatore – 641 042.



Department of Science and Humanities

Cordially invite you all to
join the Awareness Programme



Close The Care Gap in Cancer Care

as a part of



Dr. Boaz Vincent

MBBS, MD (CMC, Vellore)

Radiation Oncologist, Karkinos Healthcare
CMS Hospital, Thodupuzha, Kerala



To Join With Us

Close The Care Gap in Cancer Care

Saturday, February 5 · 10.00 – 11:00am

Google Meet joining info

Video call link: <https://meet.google.com/okm-nfmw-hcw>

Or dial: (US) +1 575-914-6134 PIN: 664 728 338#

Presided by
Dr V Sreevidya
PRINCIPAL

Coordinator & Convener

Dr.Lijo Jacob Varghese

HoD - S&H

Dr Lijo Jacob Varghese, Professor and Head, Dept. of S&H, organised a webinar on "Close the Care Gap in Cancer Care" as a part of World Cancer Day. Dr Boaz Vincent MBBS, MD (CMC, Vellore) Radiation Oncologist, Karkinos Healthcare - CMS Hospital, Thodupuzha, Kerala, facilitated the session on 05 February 2022.

S&H | EVENT ORGANISED | WORLD CANCER DAY | WEBINAR ON CLOSE THE CARE GAP IN CANCER CARE

The screenshot shows a Google Meet window with a presentation slide. The slide is titled "SRI KRISHNA COLLEGE OF TECHNOLOGY" and "Department of Science and Humanities". It features a pink ribbon logo and a portrait of Dr. Boaz Vincent. The text on the slide includes "Close The Care Gap in Cancer Care as a part of WORLD CANCER DAY" and "Dr. Boaz Vincent, MHBSc, MD (CMT), FRCR, Radiation Oncologist, Karkinos Healthcare, CMS Hospital, Thodupuzha, Kerala". A notification at the bottom of the slide says "727821TUEE104 NANCY J. has left the meeting".

The screenshot shows a Google Meet window with a presentation slide titled "India" and "Source: Globocan 2020". The slide contains a "Summary statistic 2020" table with data for Males, Females, and Both sexes. Below the table, it lists the "Top 5 most frequent cancers excluding non-melanoma skin cancer (ranked by cases)".

	Males	Females	Both sexes
Population	717 100 976	662 903 415	1 380 004 378
Number of new cancer cases	678 383	524 413	1 202 796
Age-standardized incidence rate	99.3	97.1	98.2
Risk of developing cancer before the age of 75 years (%)	10.5	10.4	10.4
Number of cancer deaths	438 297	413 381	851 678
Age-standardized mortality rate (World)	65.4	61.0	63.1
Risk of dying from cancer before the age of 75 years (%)	7.4	6.7	7.1
5-year prevalence cases	1 208 835	1 511 416	2 720 251

Top 5 most frequent cancers excluding non-melanoma skin cancer (ranked by cases):

- Lip, oral cavity
- Lung
- Stomach
- Colorectum
- Oesophagus
- Breast
- Cervix uteri
- Ovary
- Lip, oral cavity
- Colorectum
- Breast
- Lip, oral cavity
- Cervix uteri
- Lung
- Colorectum

S&H | EVENT ORGANISED | CANCER AWARENESS DAY PROGRAM

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

DEPARTMENT OF SCIENCE AND HUMANITIES

WORLD CANCER DAY
As a part of World Cancer Day 2022
We Cordially Invite You All To Participate In Various Events
On **Cancer AWARENESS PROGRAM** On 05.02.2022 *Saturday*

Programs are:

- QUIZ** (Event Organizers from ECE B: Ms Kavina.A, Ms Kothika.B)
- Game Connection** (Mr Pravin Kumar, Ms Priyadarshini)
- Essay Competition** (Ms Rithika.L.K, Ms Ranjya.S.P)
- MEMES & SLOGAN MAKING** (Ms Reshma.R, Mr Nirmalraja Gopalan.M)
- Speech** (Ms Rajasri, Mr Ragupathi, Ms Priyadarshini.L.S)

Any Queries Contact 93609 71789

Register Now: <https://forms.glerBaY4icCzZ8atxLA9>

Under the Guidance:

- Ms R. Shanmhamani Asso. Prof.
- Dr R. Ganesh Asst. Prof.
- Dr B. Banuselvasaraswathy Asst. Prof.

E-CERTIFICATE

HoD - S&H
Dr. Lijo Jacob Varghese

Browser tabs: Inbox (94) - ganesh.r@skct.e..., Meet - Close The Care G..., (1) WhatsApp, Meet - bnc-fjxp-npf, meet.google.com/bnc-fjxp-npf?authuser=0&hl=en

Zoom Meeting: 727821TUEC138 PRIYADHARSHINI R. is presenting

CONNECTION GAME
LET'S HAVE SOME FUN!
Done by PRIYADHARSHINI.R & PRAVIN KUMAR.K

START THE GAME

10:35 AM | bnc-fjxp-npf

Windows taskbar: Meet - bnc-fjxp-npf..., 05.02.2022 (Lijo 1).jpg...

The Students of First B.E. ECE B section organised various events on “Cancer Awareness Day Program” as a part of World Cancer Day on 05 February 2022. Dr R Ganesh, Asst. Professor, Dept. of S&H, coordinated the event.

CIVIL | M.E. STRUCTURAL ENGINEERING - ORIENTATION PROGRAMME



Sri Krishna College of Technology

[An autonomous Institute | Approved by AICTE
Affiliated to Anna University | Accredited by NAAC-UGC]
Kovaipudur, Coimbatore-641042



DEPARTMENT OF CIVIL ENGINEERING
(Accredited by NBA)

Cordially Invite you for the

ORIENTATION PROGRAMME

of

M.E. Structural Engineering

(Academic Year 2021-22)

Date: 04.02.2022

Time: 10 am



The Dept. of Civil Engineering organised the **“Orientation Programme”** for the Students of First M.E. Structural Engineering facilitated by Er Arun, Director Metis Structures, Dr V Sreevidya, Principal and Dr I Padmanaban, Professor and Head on 04 February 2022.

S&H | EVENT ORGANISED | CANCER AWARENESS DAY PROGRAMME



**SRI KRISHNA COLLEGE OF
TECHNOLOGY**
KOVAIPUDUR, COIMBATORE



I MECH - A
*Cordially Invite you for the
Awareness programme on*
WORLD CANCER DAY

UNDER THE GUIDANCE OF

Ms. H. Shubhajyothi, Asst. prof.

Ms. B. Pavithra, Asst. Prof.

Friday
04 February
2022
12:00pm to
1:00pm

EVENTS

- 1. Drawing competition*
- 2. Awareness Talk*
- 3. Poster designing*

STUDENT CO-ORDINATORS

Mr. Harish k (9597001813)

Mr. Mathaneeshwaran c (7530096442)

Mr. Madhan prabhu s (9361469787)



The Students of First B.E. Mechanical Engineering organised various events as a part of the “World Cancer Day” on 04 February 2022. Ms H Shubhajyothi and Ms B Pavithra, Asst. Professors, Dept. of S&H, coordinated the event.

S&H | EVENT ORGANISED | CANCER AWARENESS DAY PROGRAMME



EEE | ROTARACT CLUB | WE CARE WE SHARE 2.0

WE CARE WE SHARE 2.0
"No one has ever become poor by giving"
on
21.01.2022
Donate your unused/old dresses, shoes or other accessories (without damaged) to the homeless or to those who need upliftment.
Keeping in mind the pandemic, donate around/nearby your area/locality.
We request you to take a snap or picture when you donate.
Fill the form and upload the pictures before 7 PM on 21st January 2022.
Do it for your own fulfillment and make this event a grand success!
Your contribution is highly appreciated!
OPEN TO ALL THE GO GIVERS

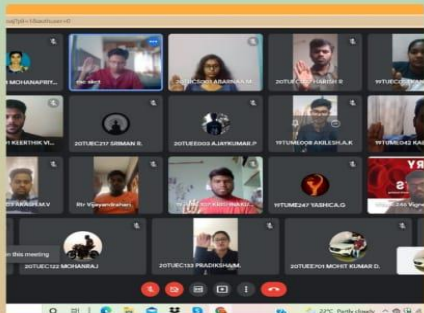


The Rotaract Club of Sri Krishna College of Technology, Coimbatore organised "We Care We Share 2.0" on 21 January 2022. Rtr Mohanapriya J and Rtr Keerthik Vishal M S coordinated the event.

EEE | ROTARACT CLUB | EVERY DROP COUNTS



A blood donation awareness event
on



தகாப்போம் !

தானம் செய்பவரின் எந்தனை முறைக்கொருமுறை தானம் செய்யலாம்?

3 மாதங்களுக்கு ஒருமுறை

ஒரு நேரத்தில் எவ்வளவு இரத்தம் தானமாக பெறப்படுகிறது?

350 மி.லி
450 மி.லி

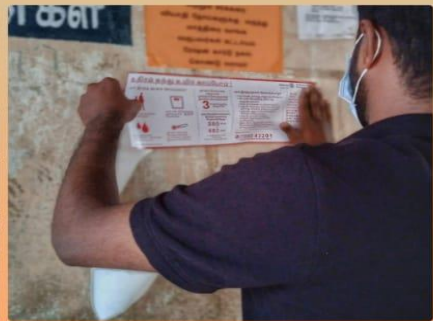
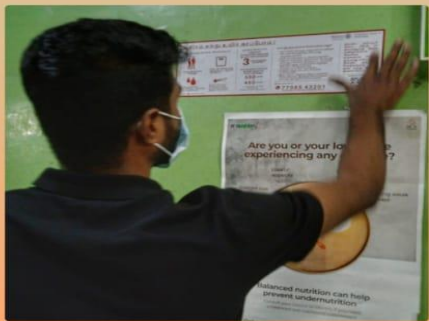
• மனிதனின் உடலில் சராசரியாக 5-6 லிட்டர் ரத்தம் இருக்கும்.

யார் இரத்த தானம் செய்வார்?

- 48 மணி நேரத்திற்கு முன்பு அருந்தியவர்கள்.
- ஸ்டெராாய்டுகளை உட்கொண்டவர்கள்.
- மஞ்சள் காமாலை, ரூபெல்லா, அல்லது மலேரியா தாக்குபவர்கள்.
- முந்தைய ஆறு மாதங்களுக்கு சிவ்ச்சை செய்த நபர்கள்.
- மாதவிடாய் உள்ள பெண்கள்.
- எச் ஐ வி, தொபடைபிஸ், உள்ளவர்கள்.
- இந் நேரம், சிறுநீரக கோபிர்ச்சனைகள், இரத்தக் அல்லது ஆஸ்துமா உள்ளவர்கள்.

இரத்த தானம் செய்ய:

77085 4
ROTARACT BLOOD CLUB



The Rotaract Club of Sri Krishna College of Technology, Coimbatore organised "Every Drop Counts" on 29 January 2022. Rtr Sri Pragash and Rtr Mohanapriya J coordinated the event.

EEE | ROTARACT CLUB | CLEANITO



The Rotaract Club of Sri Krishna College of Technology, Coimbatore organised "**Cleanito**" on 31 January 2022. Rtr Harinisha P and Rtr Malavika V coordinated the event.

EEE | ROTARACT CLUB | VIBRAR JUNTOS



Rotary District 3201

ROTARACT CLUB OF SRI KRISHNA COLLEGE OF TECHNOLOGY
FAMILY OF ROTARY CLUB OF COIMBATORE SPECTRUM
GROUP : I | RID : 3201 | CLUB ID : 92267

INVITES YOU ALL TO CELEBRATE

Vibrar Juntos

SIXTH CHARTER DAY CELEBRATION

ON
THURSDAY | 27TH JANUARY | 10 AM

**ANNAMALAI HALL
NEAR SHANTHI THEATRE,
GOPALAPURAM, COIMBATORE.**

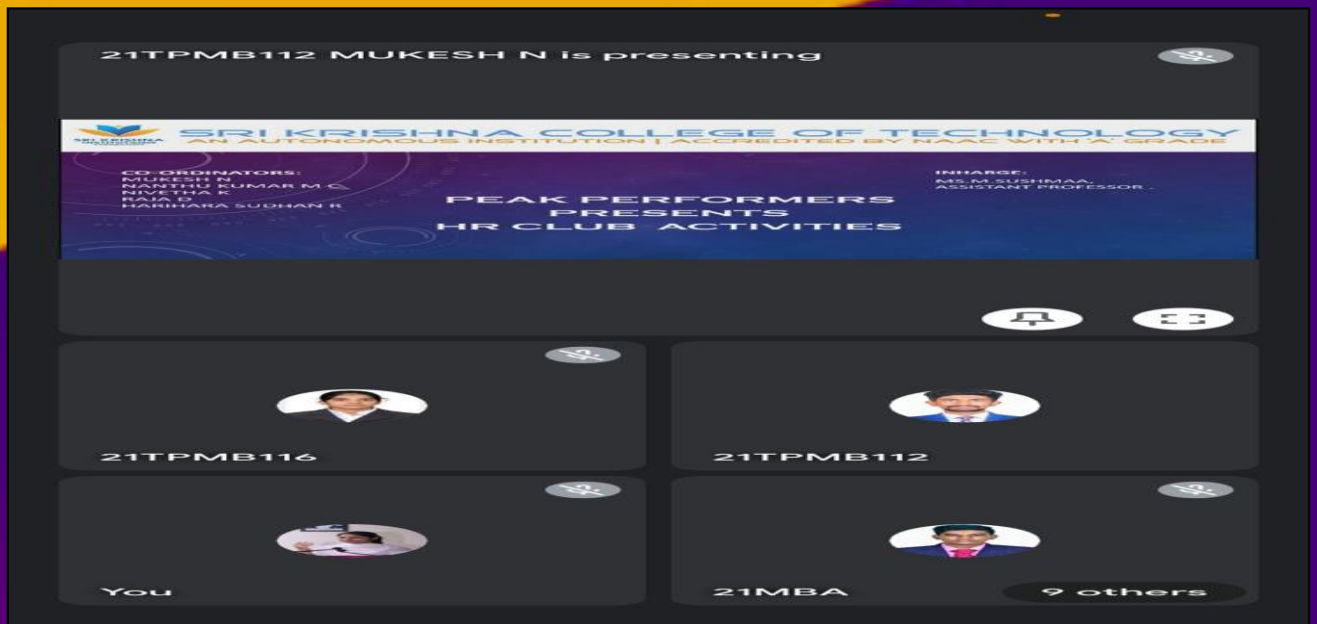
Rtr. Keerthik Vishal M S
PRESIDENT

Rtr. Vijayandrahari A P
SECRETARY



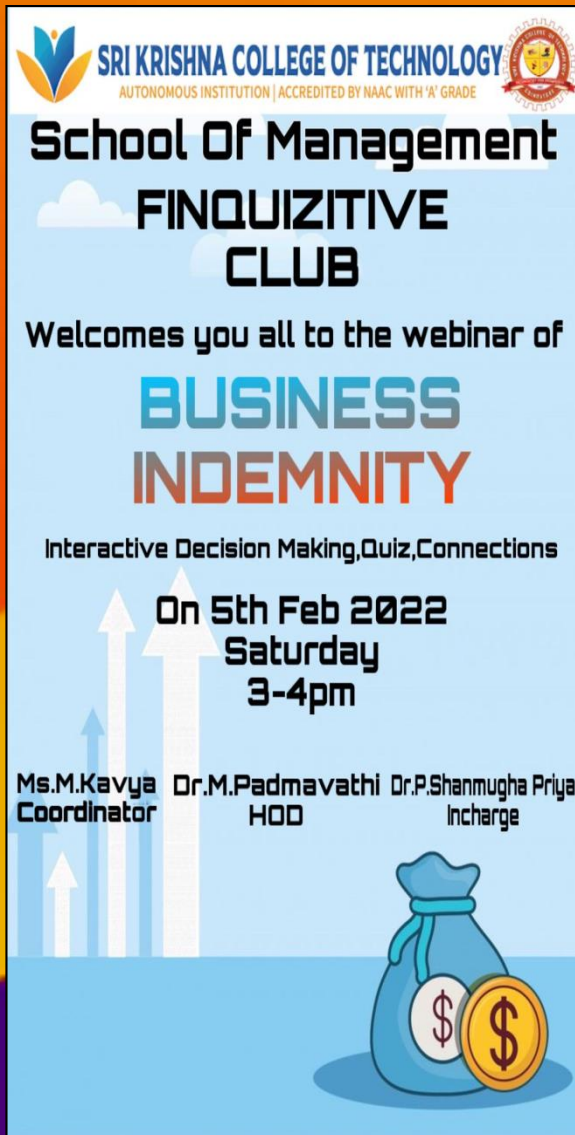
The Rotaract Club of Sri Krishna College of Technology, Coimbatore organised "**Vibrar Juntos**" on 27 January 2022. Rtr Janani N and Rtr Sriman R coordinated the event.

SoM | CLUB ACTIVITY | HR CLUB



The School of Management conducted an activity named “**Word Hunt on HR Concepts**” through 5 Fortunes Club on 05 February 2022.

SoM | CLUB ACTIVITY | FINQUIZITIVE CLUB



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

School Of Management

FINQUIZITIVE CLUB

Welcomes you all to the webinar of

BUSINESS INDEMNITY

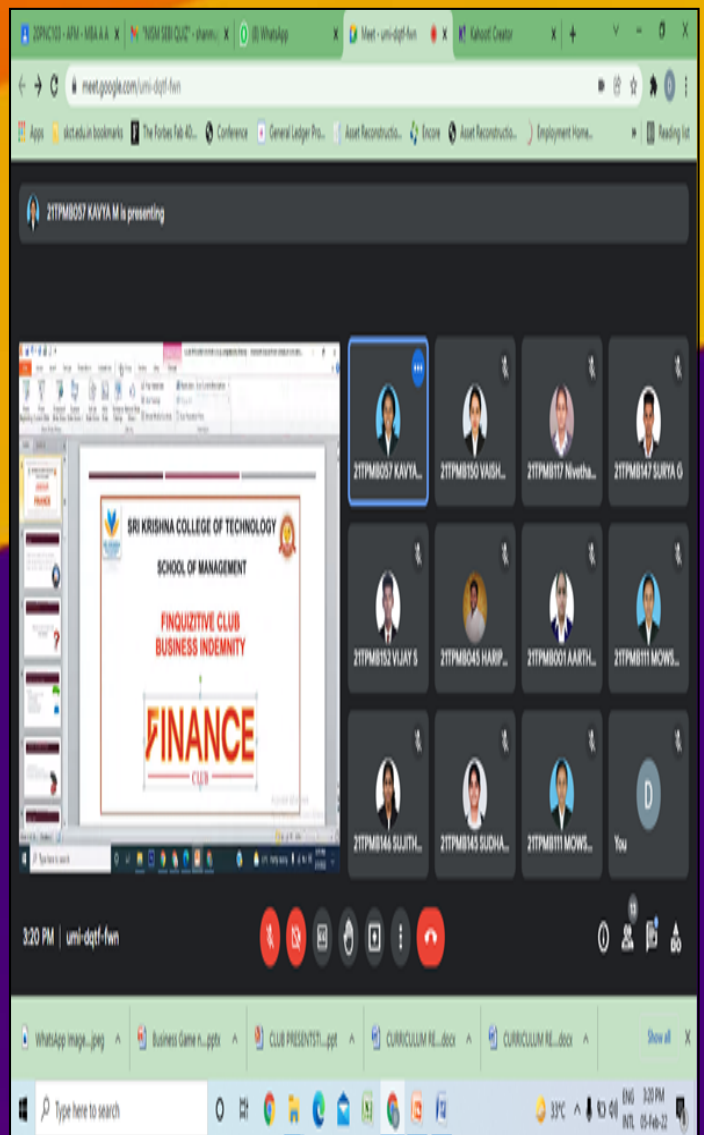

Interactive Decision Making, Quiz, Connections

On 5th Feb 2022
Saturday
3-4pm

Ms.M.Kavya
Coordinator

Dr.M.Padmavathi
HOD

Dr.P.Shanmugha Priya
Incharge



The School of Management conducted a webinar on “**Business Indemnity**” through Finquizitive Club on 05 February 2022.

5

STUDENTS'
PARTICIPATIONS

13

FACULTY
PARTICIPATIONS

1

INDUSTRY
CONNECT

3

RESEARCH

3

NEW VISTAS OF
LEARNING

9

FDPs ATTENDED

5

MEETINGS &
DISCUSSIONS

6

EVENTS
ORGANISED

6

CLUB
ACTIVITIES

EDUCATION
is the key to unlock
the Golden Door of
• FREEDOM •