

SKCT DIGEST

SPECIAL ISSUE - 28

30 NOVEMBER - 04 DECEMBER 2020



EDITOR - IN - CHIEF

***Dr Srinivasan Alavandar,
Principal***

EDITORIAL TEAM

Ms S Soundarya, CSE

Ms S Thenmozhi, ECE

Ms B Pavithra, SGH

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SKCT | IIRS NODAL CENTRE



**INDIAN INSTITUTE OF REMOTE
SENSING**

Indian Space Research Organisation
Department of Space, Government of India



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SKCT-IIRS NODAL CENTRE CERTIFICATION COURSE BY IIRS/ISRO ON UNDERSTANDING OF COASTAL OCEAN PROCESSES USING REMOTE SENSING AND NUMERICAL MODELLING



The Dept. of ECE organised a Five-day online certification course on "Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling" through SKCT-IIRS Nodal Centre during 21-25 September 2020.

SKCT-IIRS NODAL CENTRE CERTIFICATION COURSE BY IIRS/ISRO ON GLOBAL NAVIGATION SATELLITE SYSTEM



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम
ONLINE DISTANCE LEARNING PROGRAMME

COR667872020

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नालजी कार्यरत श्री एस गणेश प्रभु, ने "ग्लोबल नेविगेशन सैटेलाइट सिस्टम" विषय पर इस संस्थान द्वारा दिनांक 14 सितंबर, 2020 से 25 सितंबर, 2020 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Global Navigation Satellite System". This online programme was conducted during September 14, 2020 to September 25, 2020.



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः कैंपस संकेत/ विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR667872020

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नालजी ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "ग्लोबल नेविगेशन सैटेलाइट सिस्टम" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 14 सितंबर, 2020 से 25 सितंबर, 2020 तक किया गया।

This is to certify that **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Global Navigation Satellite System". This online programme was conducted during September 14, 2020 to September 25, 2020.

दिनांक/ Date: 27-11-2020
देहरादून/ Dehradun

प्रमुख,
त्रिविध संविसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

The Dept. of ECE organised a Two-week online certification course on "Global Navigation Satellite System" through SKCT-IIRS Nodal Centre during 14-25 September 2020.

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PLACEMENT ACTIVITIES



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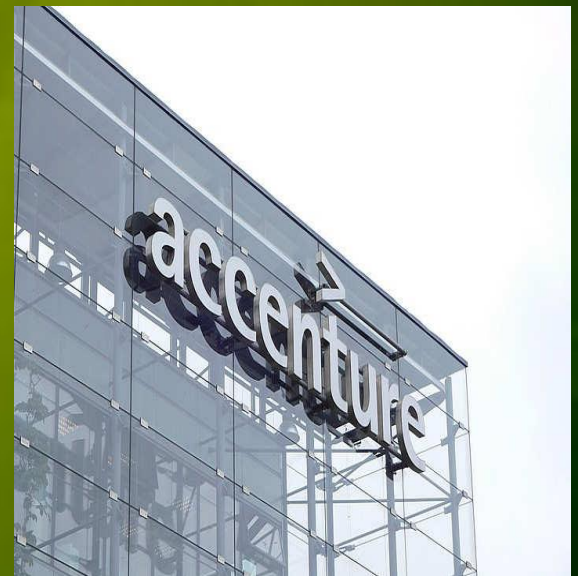
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MECH | STUDENTS PLACED IN ACCENTURE



Mr N Srinith Prabu, Mr B Sangili Murugan, Mr L S Ramprasath, Mr S Ramakrishnan, Mr V Praveen, Mr A Jenish Ibrahim, Mr K K Jaya Suriyaa Mr R Dheensagar and Mr Adwaith Pramod, Students of Final B.E. Mechanical Engineering are placed in Accenture.

MECH | STUDENTS PLACED IN CTS



V R Anirudh



S Navien Kumaar



A Parthiban



R Praveen



V Praveen



A Jenish Ibrahim



K K Jaya Suriyaa



Mr V R Anirudh, Mr S Navien Kumaar, Mr A Parthiban, Mr R Praveen, Mr V Praveen, Mr A Jenish Ibrahim and Mr K K Jaya Suriyaa, Students of Final B.E. Mechanical Engineering are placed in Cognizant Technology Services.

MECH | STUDENT PLACED IN ZIFO



S Navien Kumar



Mr S Navien Kumar, Student of Final B.E. Mechanical Engineering, placed in ZIFO.

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TEXAS INSTRUMENTS | MSP 430 KITS



**TEXAS
INSTRUMENTS**



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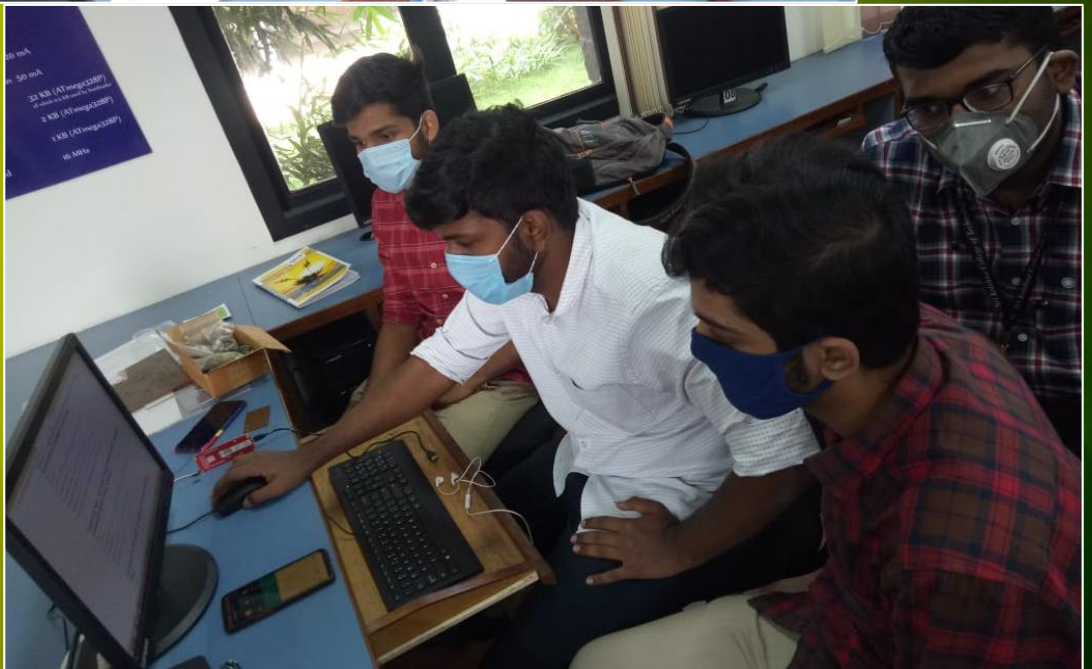
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ECE | TEXAS INSTRUMENTS | MSP 430 KITS



Dept. of ECE, SKCT received 83 No's of MSP 430 Kits worth of Rs 51,320 sponsored by Texas Instruments for Hands on Learning of the course “Introduction to Embedded System Design” offered by SWAYAM NPTEL 2020.

ECE | TEXAS INSTRUMENTS | MSP 430 KITS

Students of Dept. of ECE and EEE experimented the **MSP 430 kits** under the mentorship of Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE at **ESSCI CENTER OF EXCELLENCE IN ELECTRONICS LAB** on 2 December 2020.

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STUDENTS' PARTICIPATION



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ECE | STUDENT'S ACHIEVEMENT | BEST COMMUNICATOR | ROTARACT CLUB OF COIMBATORE



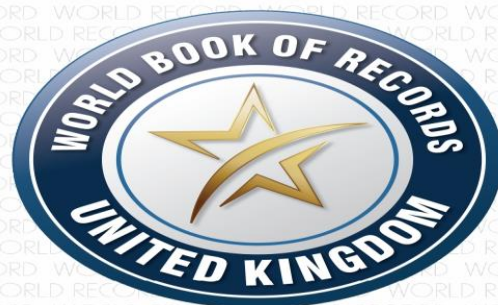
Mr S Vignesh of Second BE ECE C section has been certified as “**Best Communicator**” in “Di Mension” conducted by Rotaract Club of Coimbatore Cosmopolitan.

CSE | STUDENTS' ACHIEVEMENT | RANKING IN NINJA HIRE



Mr R Kiruthick, Student of Third Year B.E. CSE B Section, has secured 4583rd rank and scoring 110/300 in a coding event at Ninja Hire 2.0 Junior (2nd & 3rd year) on 02.12.2020.

EEE | WORLD BOOK OF RECORDS | NATION BUILDING PROJECTS – INDIA’S LARGEST CAREER GUIDANCE DIGITAL CONFERENCE



CERTIFICATE OF PARTICIPATION

Alvin Reuben A.

3G Institute of Research & Policy Studies

HQ : IIT Madras Research Park

Chennai (Tamil Nadu) India

has participated in the
Nation Building Project - India's Largest Career Guidance Digital
Conference to create 1 Million Career Coaches addressing
World Employment Crisis due to Artificial Intelligence and COVID-19,
initiated by 3G Institute of Research & Policy Studies,
IIT Madras Research Park on "A Vision to give Free Career Guidance
to 315 Million Indian students to Build India to Serve the World!"

Date: 19 August 2020

Santosh Shukla
Santosh Shukla
Supreme Court, Advocate
President, Indo - UK



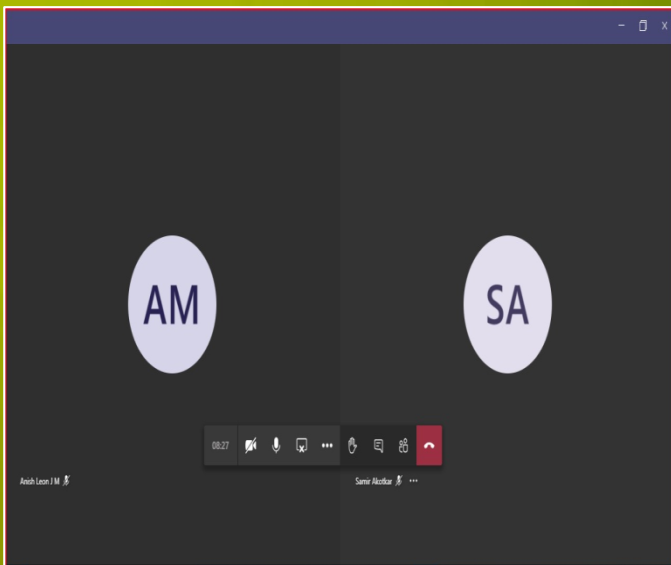
WORLD BOOK OF RECORDS LIMITED
www.worldbookofrecords.uk



Mr A Alvin Reuben, Student of Final B.E. EEE A Section, participated in the “World Book of Records - Nation Building Projects - India’s Largest Career Guidance Digital Conference” initiated by 3G Institute of Research & Policy Studies, IIT Madras Research Park on 19 August 2020.

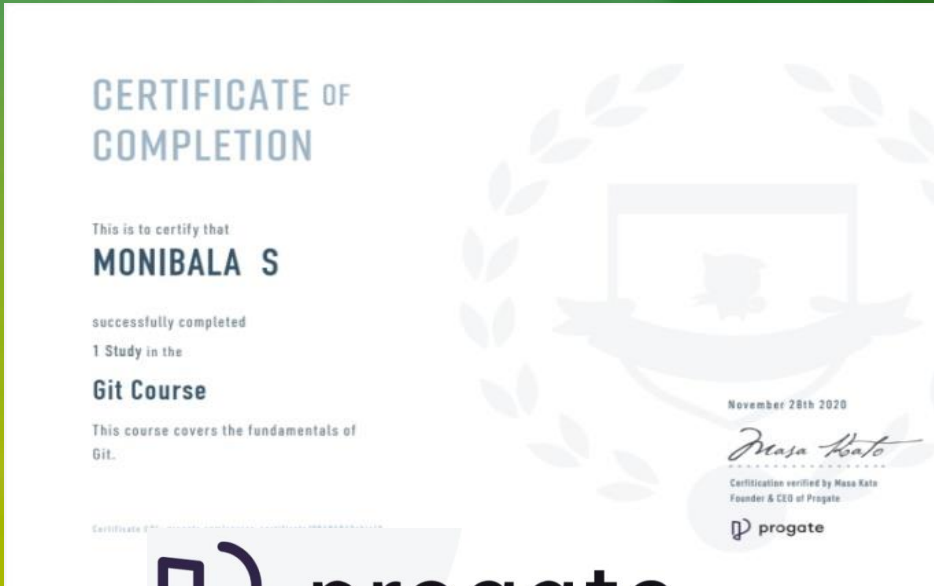
ECE | STUDENT'S PARTICIPATION | GRAND FINALE |
L&T TECHGIUM 2020

The slide features the 'TECHgium® 2020' logo at the top left and 'POC Round' at the top right. The central title is 'Rotational Conductor'. Below the title, it lists 'PID No : 3875' and the 'L&T Technology Services' logo. A portrait of Vishalrajan S is shown with his name and affiliation: 'Vishalrajan S, Sri Krishna College of Technology, Coimbatore'. On the right side, there is a large blue graphic with a yellow lightning bolt and the text 'Rotational Conductor' and 'Smooth transfer of power'. At the bottom, it says 'Restricted Circulation | L&T Technology Services | www.LTTS.com'.



Mr S Vishalrajan, Student of Final B.E. ECE C Section, presented a project on **“Rotational Conductor”** in the Grand Finale of L&T Techgium 2020 PoC on 03 December 2020. Mr S Ganesh Prabhu, Asst. Professor, Dept. Of ECE, mentored the student.

I-CSE B | STUDENTS' CERTIFICATION | PROGATE



Mr Monibala and Mr Naveen Kumar, Students of First CSE B Section, completed Git course on “**Its Fundamentals**” through Progate on 27 November 2020.

CSE B | STUDENTS' CERTIFICATION | PROGATE



Mr Piratheesh, Mr Mohammad Daanish, Mr Naveen Kumar, Mr Monibala, Ms Nivethitha and Ms Rabiya Reshma, Students of First CSE, completed a Command line course on **"Its Fundamentals of UNIX Line Command"** through Progate.

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FACULTY PARTICIPATIONS



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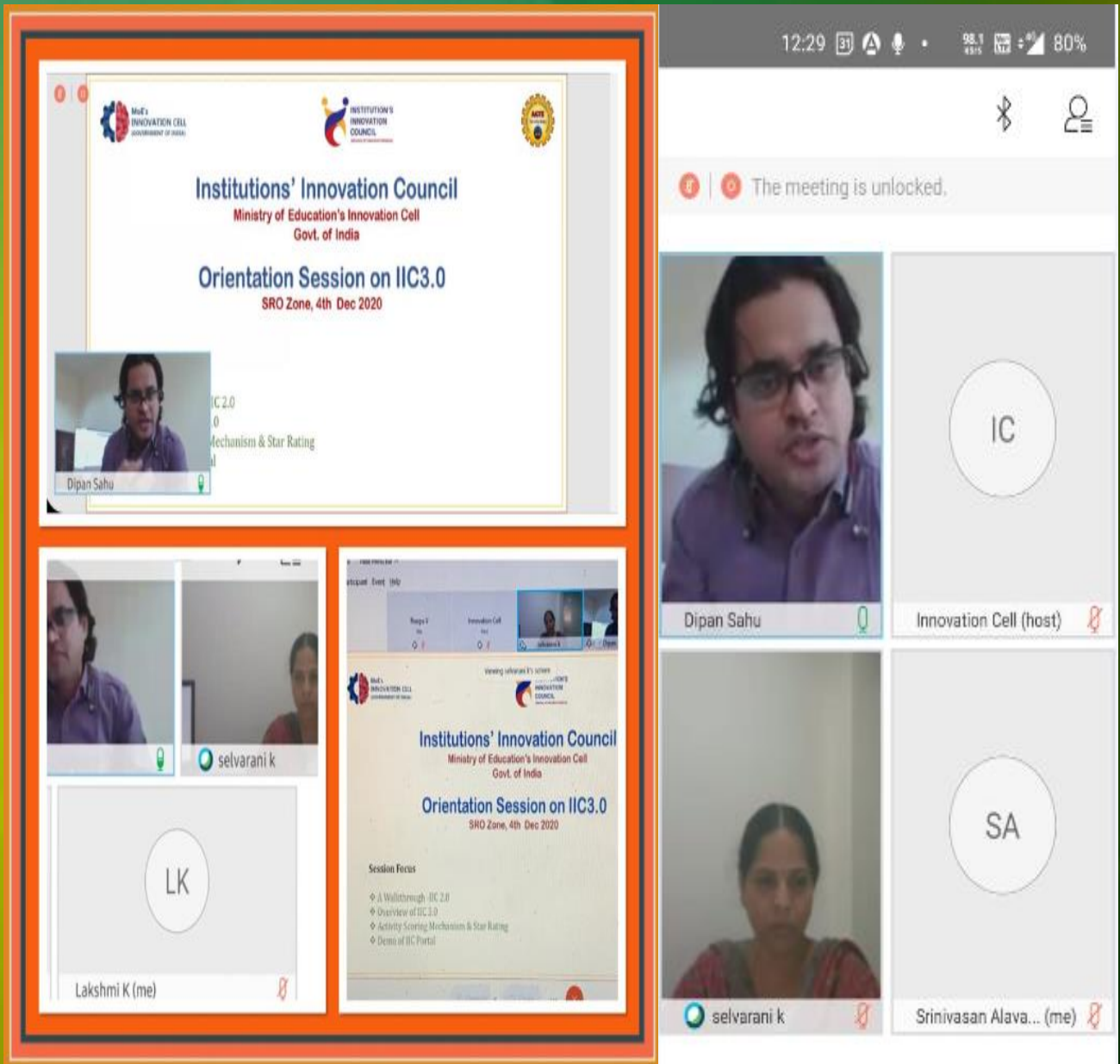
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IIC 3.0 ORIENTATION SESSION

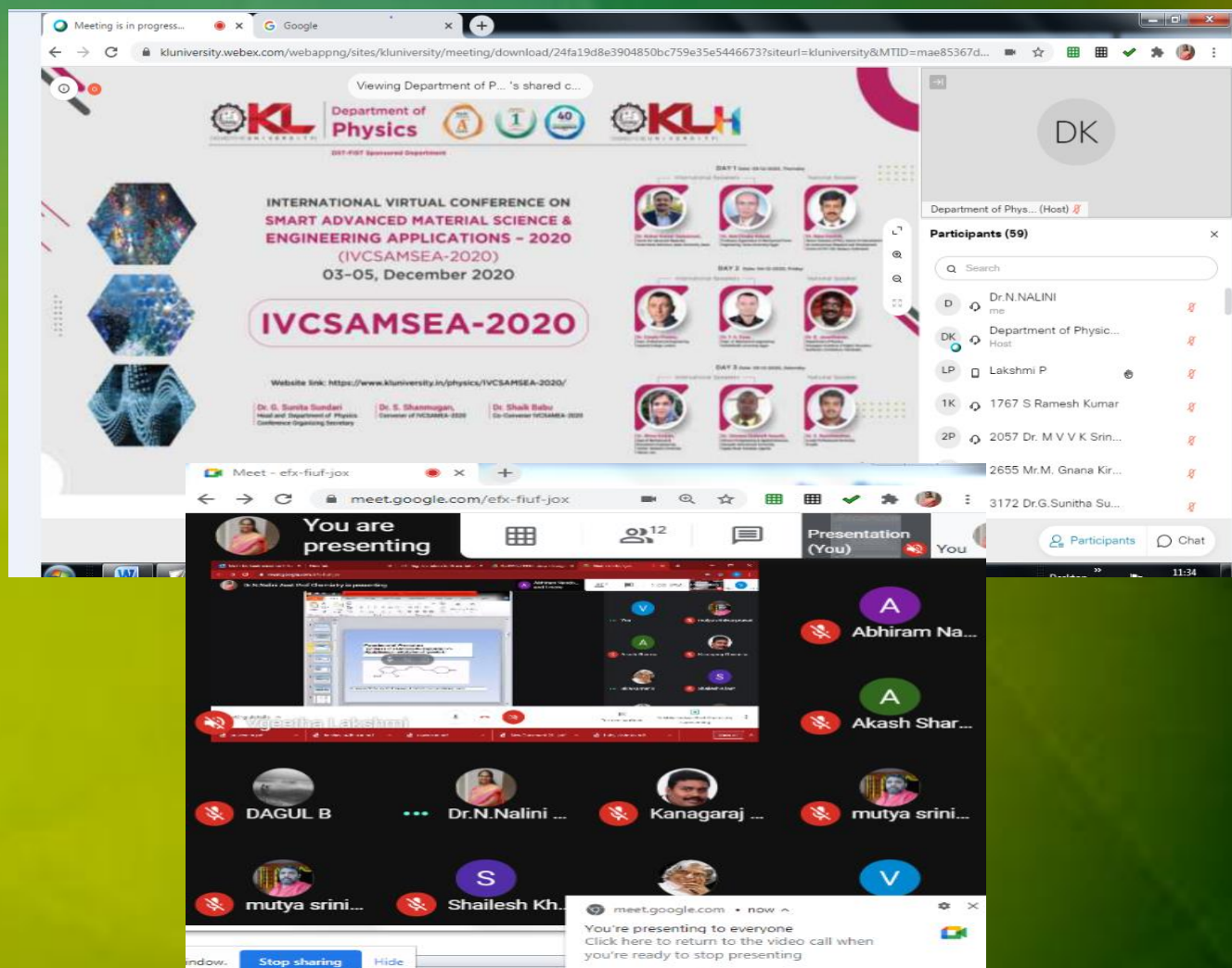


Dr Srinivasan Alavandar, Principal, SKCT (President IIC), Dr K Lakshmi, Professor and Head, Dept. of EEE (Vice President- IIC) and Ms V Roopa, Asst. Professor, Dept. of IT (IIC Convener), attended the IIC 3.0 Orientation Session for SRO Zone.

CSE | PROPOSAL SUBMISSION

Dr S Siamala Devi, Assoc. Professor, Ms P Kalpana and Ms M Kavitha Margret, Asst. Professors, Dept. of CSE have submitted a project proposal on **“AI based Automatic Bin Bot- Garbage Collecting System”** to DST under the Waste Management Technologies Program on 30.11.2020.

S &H | FACULTY PARTICIPATION & ACHIEVEMENTS



Dr N Nalini, Asst. Professor, Dept. of Science and Humanities, presented a paper on **“Spectroscopic, Microbial Studies and Invitro Anticancer Activity of Piprazine Schiff Base and their Lathananum Complexes”** in an International Virtual Conference on Smart Advanced Material Science & Engineering Applications, K L University, Vijayawada on 03 December 2020.

**EEE | CERTIFICATE ON ONLINE PATENT
INFORMATION COURSE****CERTIFICATE OF COMPLETION**

Issued To

Dr.K.GAAYATHRY

For Successfully Completing the 2-Weeks Comprehensive Online
Patent Information Course organised by Turnip Innovations and
facilitated by Dr. Rahul Kapoor

TURNIP INNOVATIONS PVT. LTD
CORPORATE IDENTITY NUMBER: U74999WB2018PTC227193
WEB: TURNIP.CO.IN
ADDRESS: AWFIS, 6TH FLOOR SCHINDLER HOUSE,
CHEMTEX LANE, HIRANANDANI, MUMBAI 400076, INDIA

DR. RAHUL KAPOOR

Founder and Director
Turnip Innovations

Dr K Gaayathry, Asst. Professor, Dept. of EEE, completed a Two-week course on **“Comprehensive Online Patent Information Course”** organised by Turnip Innovations on 29 December 2020.

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MBA ORIENTATION PROGRAMME



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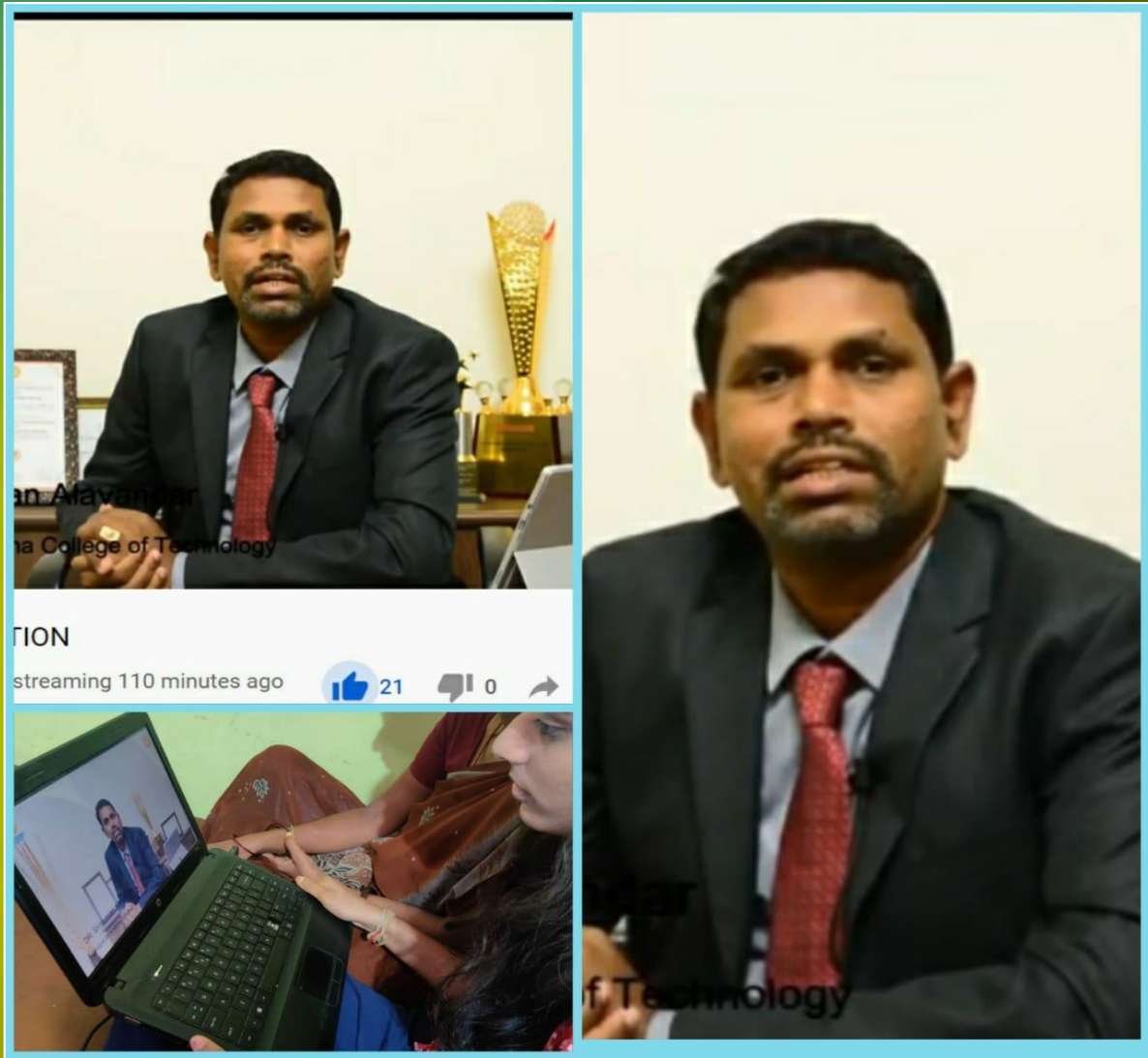
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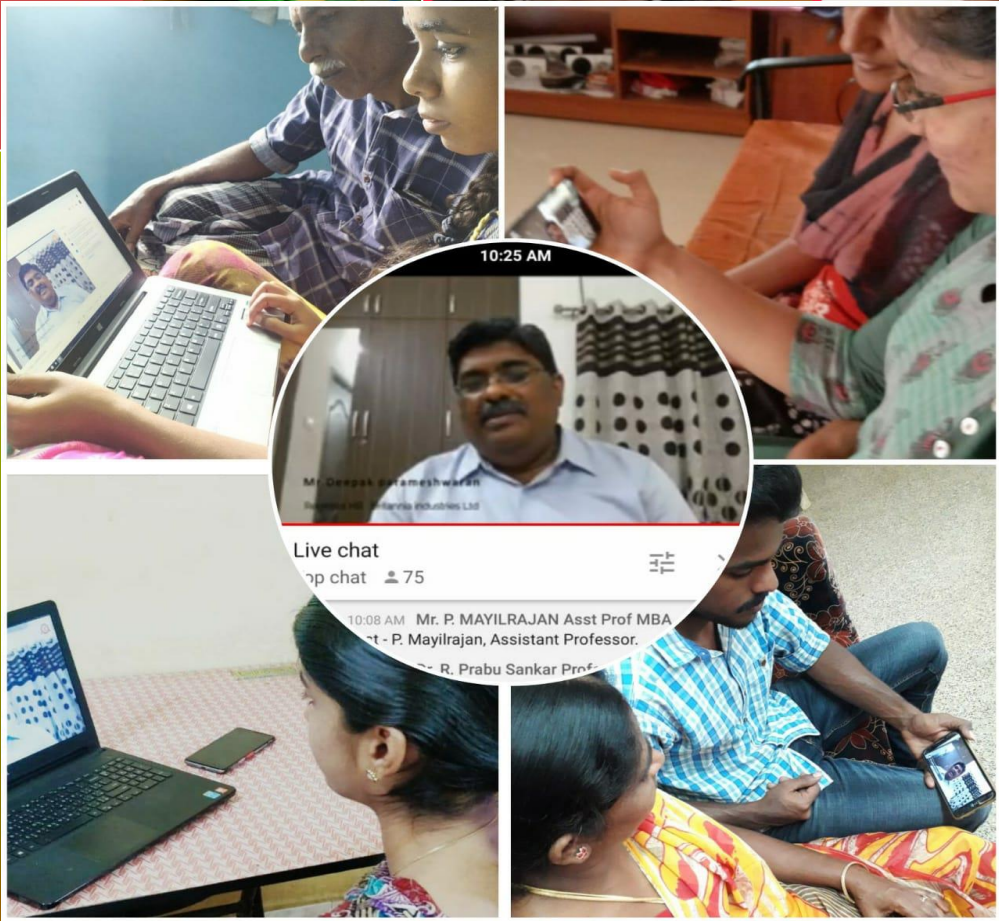
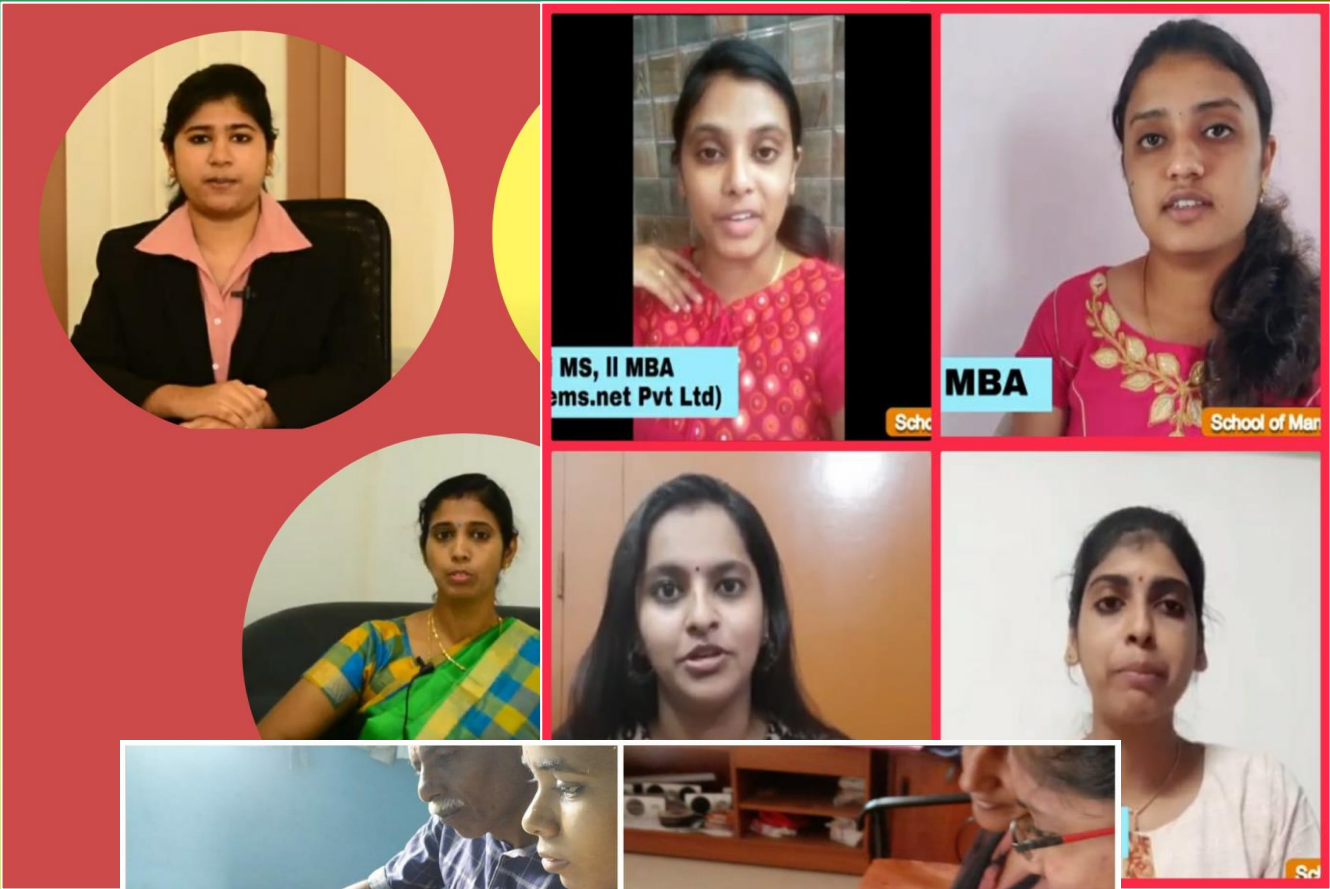


SoM | 22ND Batch | MBA Orientation Programme

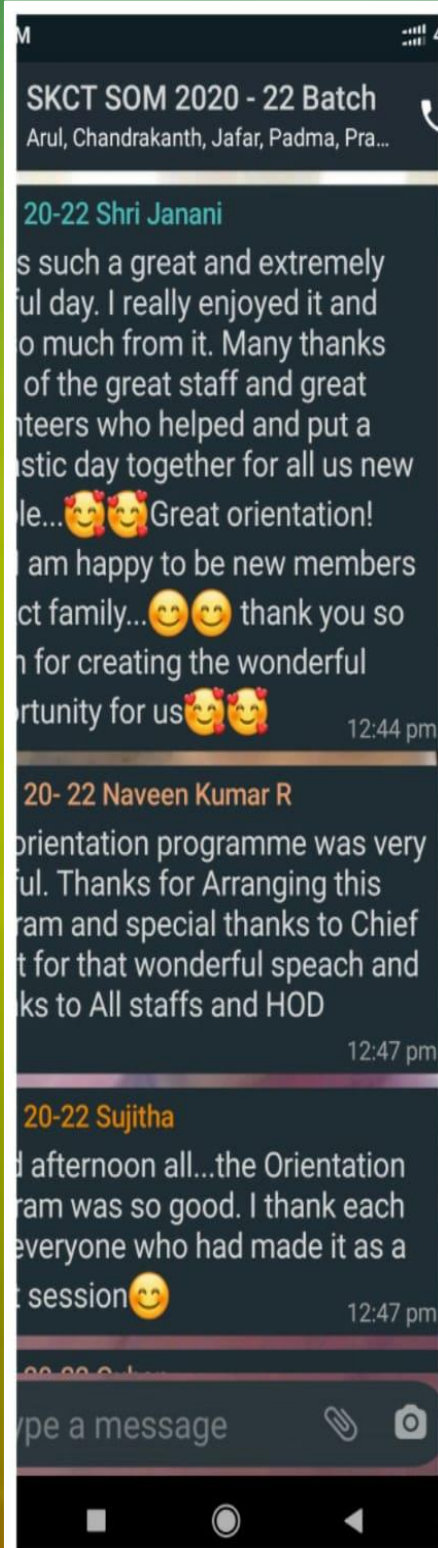


The School of Management organised the “**Orientation Programme**” for the 22nd Batch of MBA through virtual mode. Mr Deepak Parameshwaran, Regional HR, Britannia Industries Ltd., Dr Srinivasan Alavandar, Principal, SKCT and Dr M Padmavathi, Assoc. Professor and Head, SoM, facilitated the session on 04 December 2020.

SoM | 22ND Batch | MBA Orientation Programme



SoM | 22ND BATCH | MBA ORIENTATION PROGRAMME – STUDENTS’ FEEDBACK



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PUBLICATIONS



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CIVIL | PAPER PUBLICATION

Original Article | Published: 27 November 2020

Biochar derived from *Caulerpa scalpelliformis* for the removal of Reactive Yellow 81 in batch and packed bed column

[M. Lenin Sundar](#) , [A. Aravindan](#), [S. Sujatha](#), [S. Mahendran](#), [G. Kalyani](#), [D. Zunaithur Rahman](#), [A. Vijayakumar](#) & [M. Senthil Kumar](#)

[Biomass Conversion and Biorefinery](#) (2020) | [Cite this article](#)

20 Accesses | [Metrics](#)

Abstract

The present study investigated the potential of biochar synthesized from *Caulerpa scalpelliformis*, a marine seaweed in the decolorization of Reactive Yellow 81 (RY81). The decolorization study was conducted in batch experiments and also in a packed bed column for continuous study. Maximum uptake of 151.5 mg/g was reported in a batch study under optimum conditions. Biosorption isotherm studies were conducted to understand the biosorption mechanism. A correlation coefficient of 0.9998 was obtained for a four-parameter

Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, published a paper on “**Biochar Derived From Caulerpa Scalpelliformis for the Removal of Reactive Yellow 81 in Batch Packed Bed Column**” in Springer Publications on 27 November 2020.

EEE | PATENT PUBLICATION

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041049691 A

(19) INDIA

(22) Date of filing of Application :13/11/2020

(43) Publication Date : 20/11/2020

(54) Title of the invention : IOT BASED PERFORMANCE INVESTIGATION SYSTEM FOR DC MOTOR

(51) International classification :H02P6/18
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)Dr A Saravanan
 Address of Applicant :Director - Computer Science and Applications Sree Saraswathi Thyagaraja College, Pollachi, Tamil Nadu India

2)Dr K Gaayathry
 3)Dr V G Pratheep
 4)Ms J Deepika
 5)Dr R Nithya
 6)Ms M Thenarasi
 7)Dr C Venkatesh
 8)Dr P Ponnurugan

(72)Name of Inventor :

1)Dr A Saravanan
 2)Dr K Gaayathry
 3)Dr V G Pratheep
 4)Ms J Deepika
 5)Dr R Nithya
 6)Ms M Thenarasi
 7)Dr C Venkatesh
 8)Dr P Ponnurugan

(57) Abstract :

Predictive maintenance of motors is well suited for small to larger scale industries in order to reduce downtime, increase efficiency and reliability. This system is the design and implementation of IoT technology to monitor and diagnose the condition of DC motors by recording key operation indicators. The proposed system comprises of an IoT based platform to collect and process the DC motor parameters. The data collected can be stored in the cloud platform and same can be accessed through mobile application. The various parameters of the DC motor are analysed in order to gather specific information that can predict motor's failure. And also, timely alerts can be received for any violation in desired limits of parameters under monitoring. This model reduces the human effort by automation.

No. of Pages : 6 No. of Claims : 7

The Patent Office Journal No. 47/2020 Dated 20/11/2020

59023



Dr K Gaayathry, Asst. Professor, Dept. of EEE, published a patent on "IoT Based Performance Investigation System For Dc Motor" on 20 November 2020.

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ALUMNUS ACHIEVEMENT



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CIVIL | STUDENT OWN START UP

DEVASENA
ASSOCIATES

ER.S.SUDHARSHAN SWAMINATHAN

M.E (STRUCTURAL)

9790007938,9677693160

New no:43 periyathottam colony sugarcane
post coimbatore-641007

Devasenaassociates83@yahoo.com

Mr Sudharshan Swaminathan, PG Alumna (Batch 2018-2020), Dept. of Civil Engineering, started his own firm named “**M/S Devasena Associates**”.

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NEW VISTAS OF LEARNING



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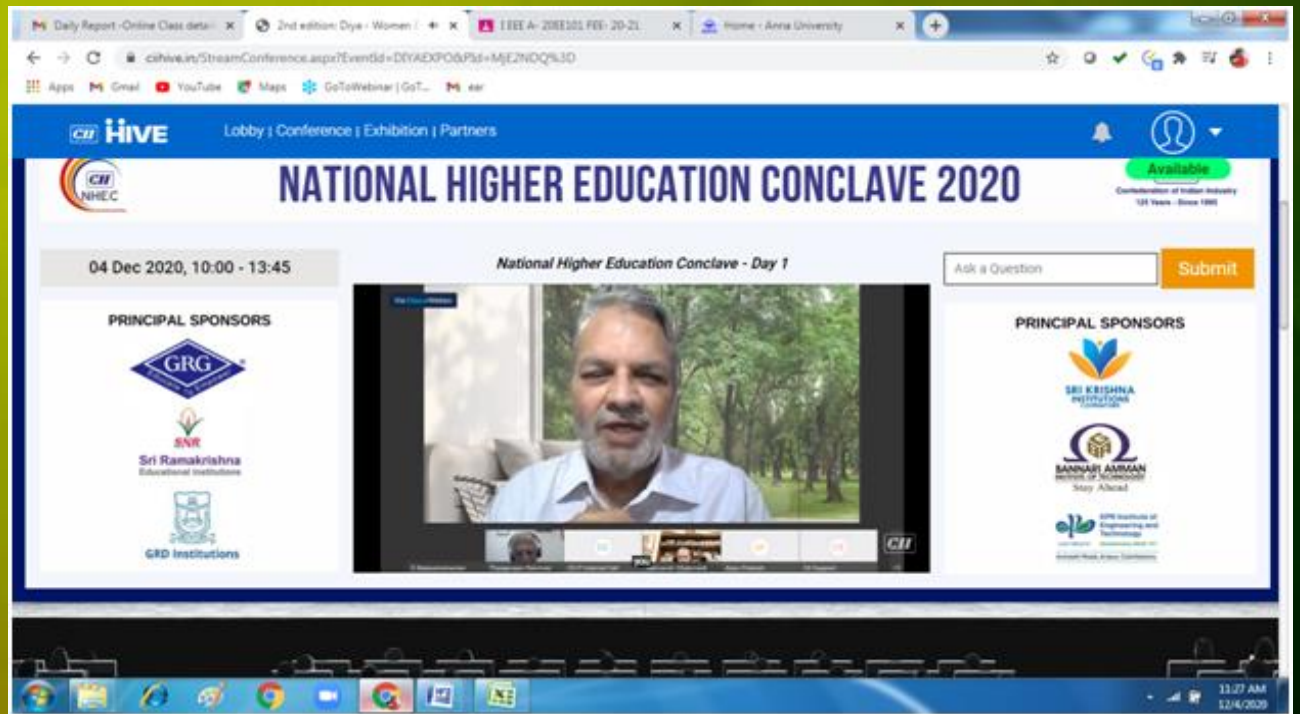
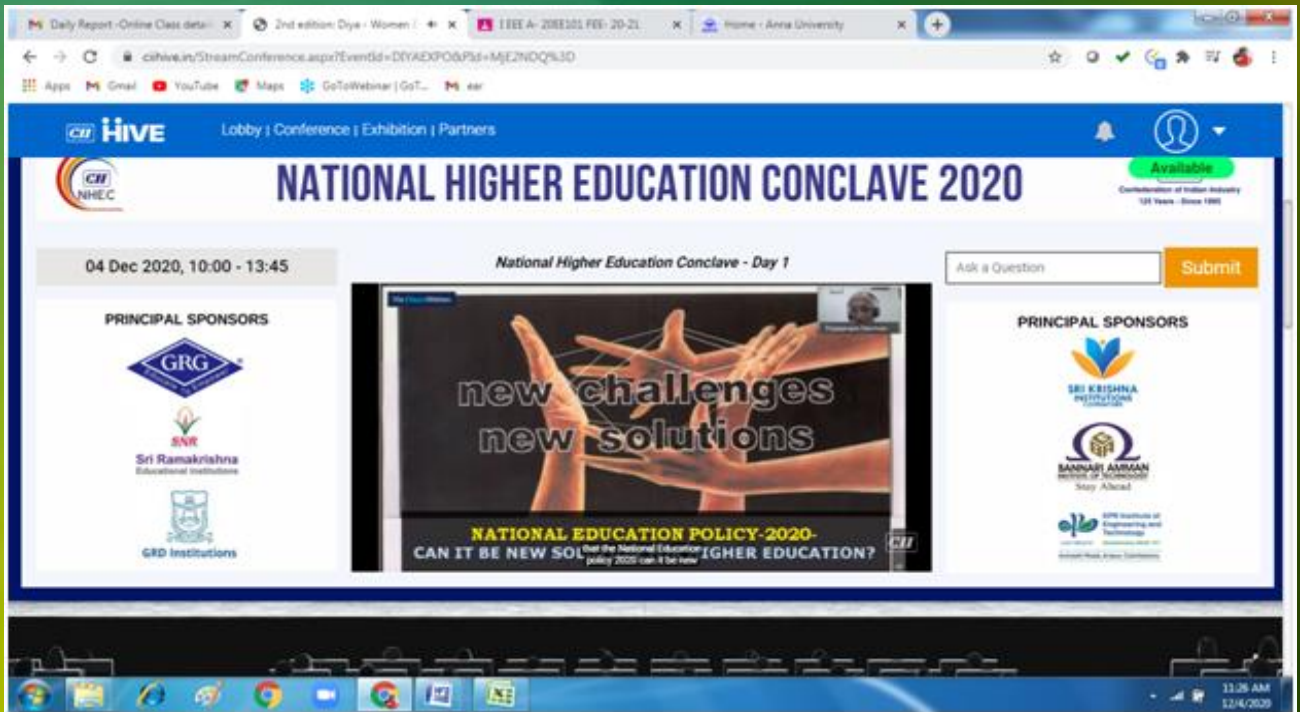
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CII-NATIONAL HIGHER EDUCATION CONCLAVE 2020



The 4th Edition of National Higher Education Conclave has been organised by CII on Virtual Platform during 04-05 December 2020.

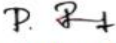
MECH | WEBINAR ON PROCESS OF COMPUTER AIDED ENGINEERING IN AUTOMOTIVE

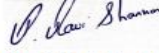



NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Permanent Affiliation from Anna University, Chennai,
Approved by AICTE, New Delhi & Accredited by NAAC,
Recognized by UGC with 2(f) and 12(B),
NBA ACCREDITED UG COURSES: AERO, CSE, MECH
'Nehru Gardens', Thirumalayampalayam, Coimbatore 641-105.


DEPARTMENT OF MECHATRONICS ENGINEERING
CERTIFICATE OF PARTICIPATION

This is to certify that **Ram Kumar S, Assistant Professor** of Sri Krishna College of Technology has participated in the Webinar titled “**PROCESS OF COMPUTER-AIDED ENGINEERING IN AUTOMOTIVE**” held on 28.11.2020 at Department of Mechatronics Engineering,
NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY,
Coimbatore – 641 105.


Mr. P. RAGHUNAYAGAN
Coordinator



Mr. P. Ravishankar
HoD i/c / MCT


Dr. P. MANIWARAN
Principal



ISO 14001:2004 CERTIFIED INSTITUTIONS


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NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Permanent Affiliation from Anna University, Chennai,
Approved by AICTE, New Delhi & Accredited by NAAC,
Recognized by UGC with 2(f) and 12(B),
NBA ACCREDITED UG COURSES: AERO, CSE, MECH
'Nehru Gardens', Thirumalayampalayam, Coimbatore 641-105.


DEPARTMENT OF MECHATRONICS ENGINEERING
CERTIFICATE OF PARTICIPATION

This is to certify that **K.S.RAGHUL, Assistant Professor** of SRI KRISHNA COLLEGE OF TECHNOLOGY has participated in the Webinar titled “**PROCESS OF COMPUTER-AIDED ENGINEERING IN AUTOMOTIVE**” held on 28.11.2020 at Department of Mechatronics Engineering,
NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY,
Coimbatore – 641 105.


Mr. P. RAGHUNAYAGAN
Coordinator


Mr. P. Ravishankar
HoD i/c / MCT


Dr. P. MANIWARAN
Principal

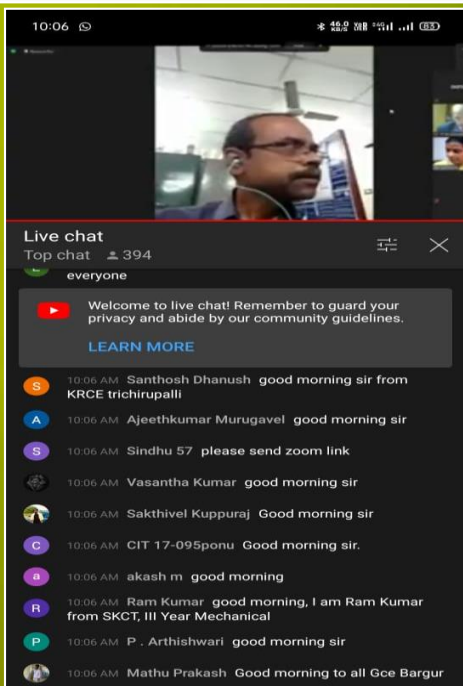


ISO 14001:2004 CERTIFIED INSTITUTIONS

Made for free with Certify'em

Mr S Ram Kumar and Mr K S Raghul Asst. Professor, Dept. Of Mechanical Engineering attended a webinar on “ Process of Computer Aided Engineering in Automotive” organized by Nehru Institute of Engineering on 28 November 2020.

MECH | WEBINAR ON PROCESS OF COMPUTER AIDED ENGINEERING IN AUTOMOTIVE



Mechanical engineering Students of Final year and pre – final year attended a webinar on Dote Gate webinar organized by AC College of Engineering and Technology, Karaikudi on 28 November 2020.

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FDPs ATTENDED



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ECE | FDP ON WEARABLE DEVICES

ANTENNA TESTED AT IISc, BANGALORE



FABRIC MATERIAL		S_{11} [dB]	UWB TEXTILE ANTENNA DESIGN WITH FLANNEL FABRIC	S_{11} [dB]	VSWR	IMPEDENCE MATCHING [Ω]
UWB TEXTILE ANTENNA DESIGN	JEANS	-15.618				
	FLANNEL	-24.778				

Dr.Swetha Amit (Guest) 30/11/20 FDP 80

+128 S EK SG NM AM

SHINE LET G NESASUDHA M ABI T ZERITH M DR.SWETHA AMIT (GUEST)

- People ... X
- Presenters (124)
- FA fahmitha A
 - FS Fireflies.ai Notetaker Sam (Gu...
 - G G.Anitha (Guest)
 - GV Gangadurai AP/ECE VEC
 - GC Gaurav Chaitanya (Guest)
 - GB Geetanjali Balutia (Guest)
 - GM GOBALAKRISHNAN M
 - HS HARINI SHRIRAM S (Guest)
 - H hemamalini (Guest)
 - IG Idayachandran G (Guest)
 - IS IMRAN JAVEED. S
- Attendees (1)

Factors influencing the performance of textile Antenna

Sl No	Fabric	Dielectric Constant	Loss Tangent
1.	Flannel	1.7	0.025
1.	Cotton	1.60	0.04
1.	Jean	1.67	0.025
1.	Polyester	1.90	0.0045
1.	Felt	1.22	0.016
1.	Silk	1.75	0.012
1.	Lycra	1.50	0.0093
1.	Panama	2.12	0.05
1.	Moleskin	1.45	0.05
1.	Quartzel	1.95	0.0004
1.	Tween	1.69	0.0084

Dr.Swetha Amit (Guest) 30/11/20 FDP 46

+127 J S EK SG NM AM

SHINE LET G NESASUDHA M ABI T ZERITH M (GUEST) DR.SWETHA AMIT (GUEST)

- People ... X
- Presenters (123)
- FA fahmitha A
 - FS Fireflies.ai Notetaker Sam (Gu...
 - G G.Anitha (Guest)
 - GC Gaurav Chaitanya (Guest)
 - GB Geetanjali Balutia (Guest)
 - GM GOBALAKRISHNAN M
 - HS HARINI SHRIRAM S (Guest)
 - H hemamalini (Guest)
 - IG Idayachandran G (Guest)
 - IS IMRAN JAVEED. S
 - J J.Logeswaran
- Attendees (1)

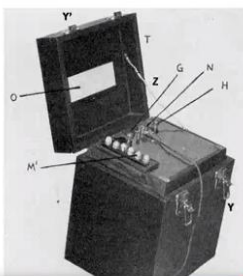
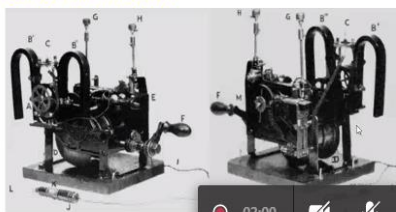
Dr K Sumathi, Professor, Dr G Anitha and Ms Dhivya Priya E L , Asst. Professors, Dept. of ECE attended the Day 1 of AICTE - ATAL sponsored Online FDP on “Wearable Devices” conducted by Karunya Institute of Technology and Sciences Coimbatore on 30 November 2020.

ECE | FDP ATTENDED | WEARABLE DEVICES

Pacemaker Evolution

1932: Albert Hyman: Hyman became interested in reviving the "stopped heart" by means of "intracardial (his term) therapy". Initially this therapy consisted of the intra-cardiac injection of stimulant drugs such as epinephrine although he soon realized that it was not really the drug that restarted the heart but the needle that set up an action current of injury as it punctured the cardiac wall.

Hyman's device, described in 1932 (Fig.40, 41), was powered by a spring-wound hand-cranked motor and called by Hyman himself an "artificial pacemaker", a term still in current use.



People

Currently in this meeting (102)

- DL Dhivya Priya E L (Guest)
- AM Abi T Zerith M (Guest)
- AA Alice Blessie A
- AS aman saini (Guest)
- AC Annadurai C
- AL Anthuvan Lydia
- AK Aravindhan K
- AR Arul Rajan
- A Arunachalam (Guest)
- A arunraj (Guest)
- AD Aravinda...

Tushar Kanti Bera

Dr. Tushar Kanti Bera, Assistant Professor, NIT Durgapur, WB, India | Email: tkbera77@gmail.com | Mobile: 9434789039

+92 S AA DK DG A SS D PS TB

Electronic Instruments

❑ Electronic instruments are the devices developed with electronic components and circuits to perform a some particular works

❖ Engineering labs

- > Function generators
- > Oscilloscope
- > Multimeters

❖ Household

- > Mobile phones
- > Radios
- > Televisions

❖ Hospitals and clinics

- > ECG Machines
- > EEG Machine
- > Vital sign mon



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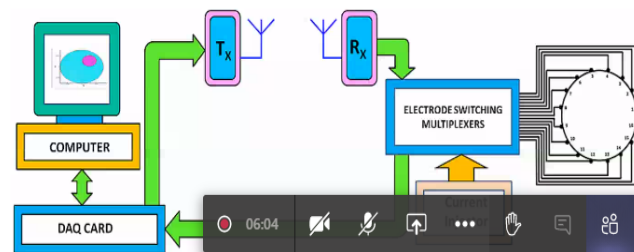
Wireless Instrumentation: Methods

❑ Analog or digital data is transferred from one place to another using antennas.

❑ Transmitter transmit the data.

❑ Receiver receives the data.

❑ Distance depends on the instrumentation design.

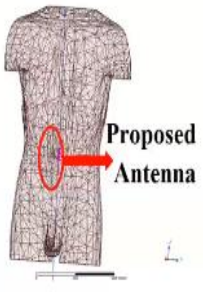


Dr. Tushar Kanti Bera, Assistant Professor, NIT Durgapur, WB, India | Email: tkbera77@gmail.com | Mobile: 9434789039

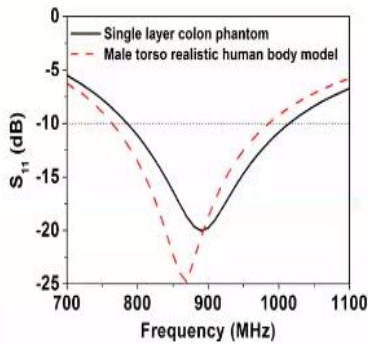
Dr K Sumathi, Professor, Dr G Anitha and Ms Dhivya Priya E L , Asst. Professors, Dept. of ECE attended the Day 2 of AICTE - ATAL sponsored Online FDP on "Wearable Devices" conducted by Karunya Institute of Technology and Sciences Coimbatore on 01 December 2020.

ECE | FDP ATTENDED | WEARABLE DEVICES

Results and Analysis: Realistic Human Body Model



Proposed Antenna



S_{11} (dB)

Frequency (MHz)

'Male Torso' human body model available in ANSYS HFSS software with the volume $290 \times 230 \times 100 \text{ mm}^3$


15

Dr. Balaka Biswas AICTE-ATAL sponsored FDP 2nd Dec,2020

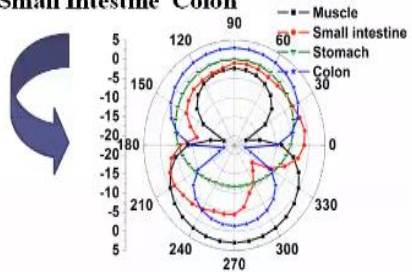
Research Work: Results and Analysis

Radiation Characteristic of Male body Model

Male Body Model



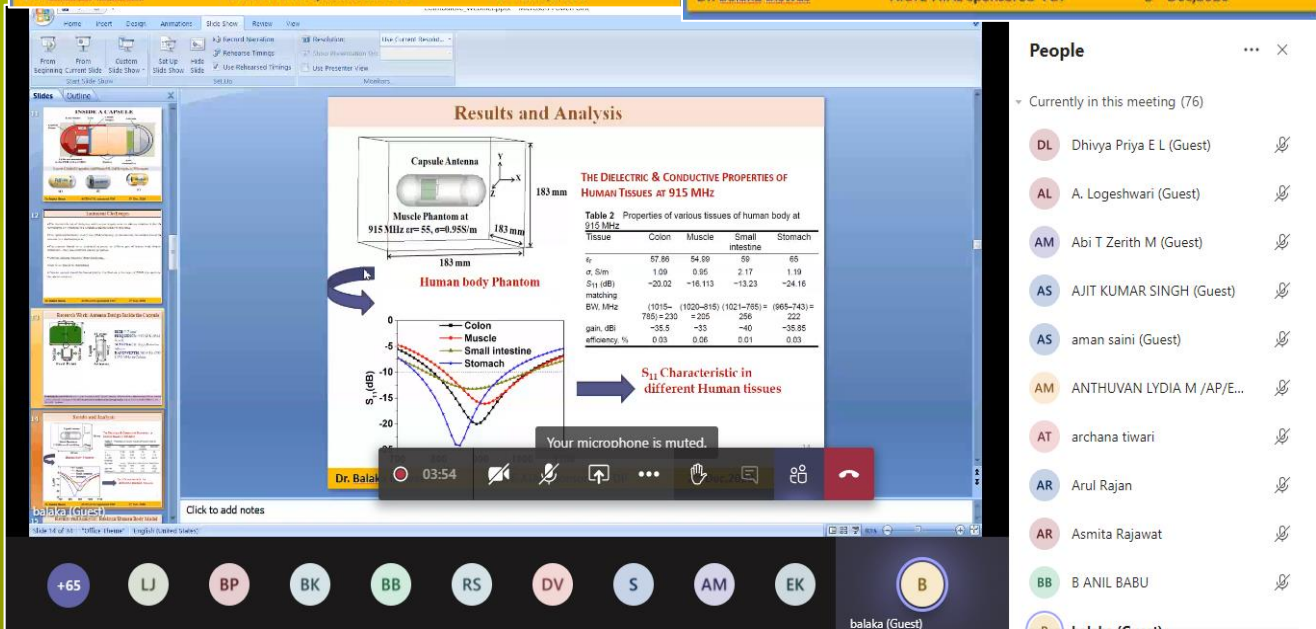
Stomach Small Intestine Colon



— Muscle
— Small intestine
— Stomach
— Colon

16

Dr. Balaka Biswas AICTE-ATAL sponsored FDP 2nd Dec,2020



Results and Analysis

Capsule Antenna

Muscle Phantom at 915 MHz $\epsilon_r=55, \sigma=0.95S/m$

Human body Phantom

THE DIELECTRIC & CONDUCTIVE PROPERTIES OF HUMAN TISSUES AT 915 MHz

Tissue	Colon	Muscle	Small intestine	Stomach
ϵ_r	57.86	54.50	59	65
$\sigma, S/m$	1.09	0.95	2.17	1.19
S_{11} (dB)	-20.02	-16.113	-13.23	-24.16
matching				
BW, MHz	(1015-1020-815) (1021-785) = (965-743) = 785-230	=205	286	222
gain, dB	-35.5	-33	-40	-35.55
efficiency, %	0.03	0.06	0.01	0.03

S_{11} Characteristic in different Human tissues

Dr. Balaka Biswas

03:54

Your microphone is muted.

Click to add notes

People

Currently in this meeting (76)

- DL Dhivya Priya E L (Guest)
- AL A. Logeshwari (Guest)
- AM Abi T Zerith M (Guest)
- AS AJIT KUMAR SINGH (Guest)
- AS aman saini (Guest)
- AM ANTHUVAN LYDIA M / AP/E...
- AT archana tiwari
- AR Arul Rajan
- AR Asmita Rajawat
- BB B ANIL BABU

balaka (Guest)

Dr K Sumathi, Professor, Dr G Anitha and Ms Dhivya Priya E L , Asst. Professors, Dept. of ECE attended Day 3 ATAL sponsored Online FDP on “Wearable Devices” organized by Karunya Institute of Technology and Sciences Coimbatore on 02 December 2020.

ECE | ATAL ONLINE FDP | LEADERSHIP & EXCELLENCE



Ms Yamini Shanmugam, Asst. Professor, Dept. of ECE has been certified for attended AICTE Training and Learning (ATAL) Academy Online FDP on “Leadership & Excellence” organized by National Institute of Technology on 23-37 November 2020.

MECH | STTP ON MANUFACTURING APPLICATIONS OF MICROMACHINING WITH EMPHASIS ON MAKE IN INDIA

Mr T Nithyanandhan, Asst. Professor, Dept. Of Mechanical Engineering attended a STTP on “Manufacturing Applications Of Micromachining With Emphasis On Make In India” organized by RMK College of Engineering and Technology from 16 - 21 November 2020.



ECE | FDP ON WEARABLE DEVICES

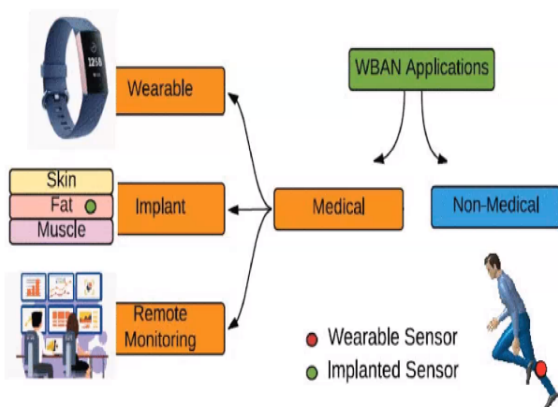
Wearable Electronics

- Vital signs**
 - Heart rate
 - Blood pressure
 - Respiration rate
 - Body/skin temperature
 - Blood oxygen saturation level
- Diseases**
 - Sleep apnea
 - Chronic obstructive pulmonary disease
 - Diabetes mellitus
 - Cardiovascular diseases
 - Brain diseases
 - Mosquito-borne diseases
 - Renal failure
 - Skeletal system diseases
 - Hearing loss
- Others**
 - Sunburn prevention
 - Vein finding
 - Detection of stress/depression levels

People

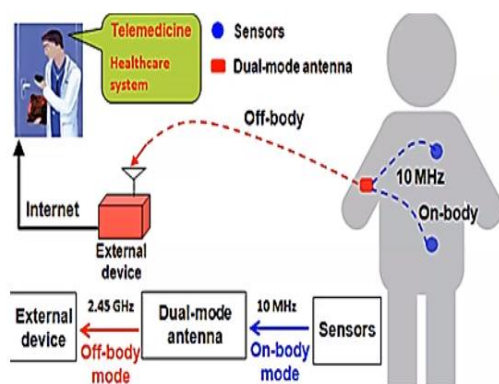
- Dr.C.Annadurai (Guest)
- Dr.K.Ramasamy
- Dr.M.JAYASHEELA (Guest)
- Edwin kumar
- Eindhumathy Jeyachandran
- Events Karunya Organizer
- Fireflies.ai Notetaker Sam (G...)
- Gangadurai AP/ECE VEC
- GOBALAKRISHNAN M (mut...)
- Gulam Nabi Alsath M (Guest)**
- hemamalini (Guest)

Classification



Courtesy: Annual Reviews, 2018

Wireless Body Area Networks



Applications:

- Remote health monitoring.
- Personal activity Tracking.
- Sports, Military, Security

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Dr K Sumathi, Professor, Dr G Anitha and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, attended the ATAL sponsored online FDP on **“Wearable Devices”** organised by Karunya Institute of Technology and Sciences, Coimbatore on 03 December 2020.

ECE | FDP ON WEARABLE DEVICES

Cont...

- Advancement in mobile and satellite communication technologies along with broadband communication techniques, e-health services can be delivered anywhere at any time.
- Especially, when wireless devices are integrated with sensors, it is possible to acquire and monitor human signals at any time.

Patient Monitoring through BAN

➤ A BAN allows continuous monitoring of the physiological parameters.

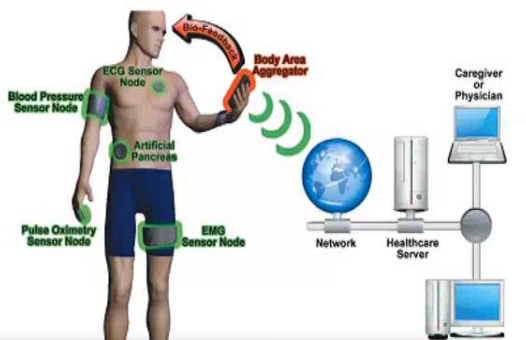


Fig.7 Patient Monitoring in a WBAN

Medical Health Care

- Medical application
 - Vital patient data
 - Wireless sensors
 - Link with bedside monitor
 - Count on 10 - 20 sensors
- Five similar networks in range
- Minimum setup interaction
- Potentially wide application
- Total traffic / patient < 10 kb

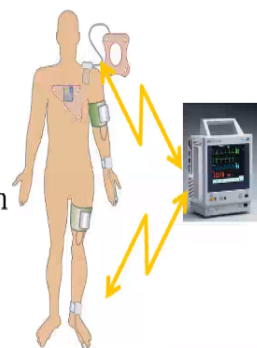


Fig.8 Patient Monitoring in a WBAN

Dr K Sumathi, Professor, Dr G Anitha and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, attended the ATAL sponsored online FDP on **“Wearable Devices”** organised by Karunya Institute of Technology and Sciences, Coimbatore on 04 December 2020.

ICE| STTP ON RECENT TRENDS IN COMPUTATIONAL INTELLIGENCE FOR HEALTHCARE MONITORING SYSTEMS



BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A' Grade



DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Karthigai Pandian M, Associate Professor, Sri Krishna College of Technology** has participated in the AICTE sponsored short term training program (STTP) on "**Recent Trends in Computational Intelligence for Healthcare Monitoring Systems- II**" at Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu from 23 - 28 November 2020.

CONVENER

PRINCIPAL

Dr M Karthigai Pandian, Assoc. Professor, Dept of ICE, participated in the AICTE sponsored one-week online STTP on "**Recent Trends in Computational Intelligence for Healthcare Monitoring systems**" organised by Bannari Amman Institute of Technology, Sathyamangalam during 23-28 November 2020.

ICE | STTP ON MODERN OPTIMIZATION TOOLS IN ENGINEERING



Mr R Rajesh, Asst. Professor, Dept of ICE, participated in the AICTE sponsored one-week online STTP on “**Modern Optimization Tools in Engineering**” at SRM Valliammai Engineering College, Chengalpattu during 2-7 November 2020.

CIVIL | FACULTY STTP ON REPAIR AND REHABILITATION OF STRUCTURES

RVR & JC COLLEGE OF ENGINEERING

(AUTONOMOUS)

(Approved by AICTE:: Affiliated to Acharya Nagarjuna University)
(Sponsored by Nagarjuna Education Society), Chowdavaram, Guntur-522019, (A.P).



DEPARTMENT OF CIVIL ENGINEERING

Certificate of Merit



This is to certify that

Dr.SREEVIDYA.V

of SRI KRISHNA COLLEGE
66/36/FDC/STTP/Policy-1/2019-
Phase-I on "Repair and Rehab

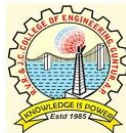
Dr. K.S. Sai Ram

(Dr.K.S. Sai Ram)
Coordinator

RVR & JC COLLEGE OF ENGINEERING

(AUTONOMOUS)

(Approved by AICTE:: Affiliated to Acharya Nagarjuna University)
(Sponsored by Nagarjuna Education Society), Chowdavaram, Guntur-522019, (A.P).



DEPARTMENT OF CIVIL ENGINEERING

Certificate of Merit



This is to certify that

RAMESH R

Of Sri Krishna College of Technology has successfully completed AICTE sponsored (Lr.F.No:34-66/36/FDC/STTP/Policy-1/2019-20, dated:10-08-2020) **One Week Online Short Term Training Program (STTP), Phase-I on "Repair and Rehabilitation of Structures"** organized during 16-11-2020 to 21-11-2020.

Dr. K.S. Sai Ram

(Dr.K.S. Sai Ram)
Coordinator

M. Rama Rao

(Dr. M.Rama Rao)
Chairman

Dr V Sreevidya, Assoc. Professor and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended the AICTE sponsored STTP on "Repair and Rehabilitation of Structures" organised by RVR & JC College of Engineering, Guntur during 16-21 November 2020.

CIVIL | FACULTY STTP ON ADVANCED TECHNOLOGIES IN WATER RESOURCES MANAGEMENT



Government College of Engineering Aurangabad
Department of Civil Engineering

in association with

Indian Water Resources Society and Indian Society for Hydraulics

(Aurangabad Local Centre)

organizing One Week TEQIP Online- Short Term Training Programme

Sponsored by - Technical Education Quality Improvement Programme (TEQIP Phase III)



Advanced Technologies in Water Resources Management (ATWARM-2020) 23-27 November, 2020


Certificate


Dr.M.Lenin Sundar


Sri Krishna College of Technology, Coimbatore

has successfully participated in one week TEQIP Online - STTP on "Advanced Technologies in Water Resources Management (ATWARM-2020)" organized by Department of Civil Engineering, Government College of Engineering Aurangabad (Maharashtra State), India in association with Indian Water Resources Society and Indian Society for Hydraulics (Aurangabad Local Centre) during 23-27 November, 2020


Dr. G. K. Patil
Co-coordinator


Dr. D. G. Regulwar
Coordinator


Dr. R. V. Shetkar
Head of the Dept


Dr. P. B. Murnal
Principal

Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, attended the STTP on "Advanced Technologies in Water Resource Management" organised by Govt. College of Engineering, Aurangabad during 23-27 November 2020.

SPECIAL EDITION - 28

EVENTS ORGANISED



@skctdigest



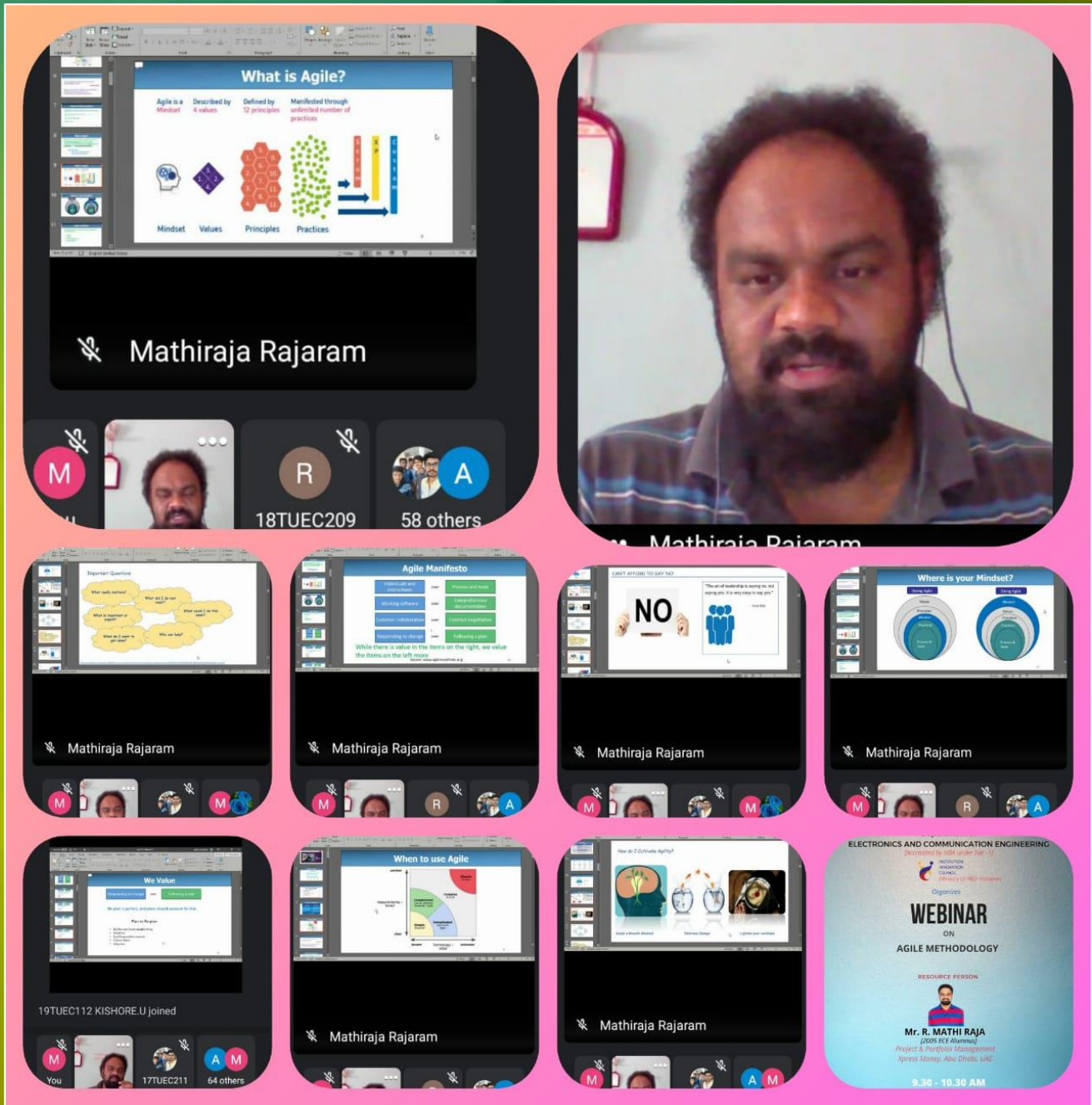
@skctofficial



digestfeedback@skct.edu.in



ECE | WEBINAR ON AGILE METHODOLOGY



Department of ECE organized a webinar on "Agile Methodology". Mr R Mathiraja, project and portfolio Management Xpress Money, Abu Dhabi, UAE and Alumnus of 2005, Dept. of ECE facilitated the session on 28 November 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT

Day 1: Inauguration of the STTP
Session 1: Curriculum Aspects of OBE

Resource Person: Dr. Syed Wajeed,
Associate Professor & Director-IQAC,
St. Joseph's College (Autonomous),
Bengaluru

**AICTE Sponsored STTP (Series III) –
Outcome Based Curriculum Planning,
Mapping and Measurement**

Outcome Based Education - Principles and Process

Outcome Based Education means starting with a clear picture of what is important for students to be able to do, then organizing the curriculum, instruction and assessment to make sure that learning ultimately happens. (Spady 1994)

Outcomes : They are clear learning results that we want students to demonstrate at the end of significant learning experiences.

STUDENT CENTRIC

Curriculum Design → Curriculum delivery → Assessment
↓
Learning

The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr Syed Wajeed, Assoc. Professor, Dept. of Microbiology, Director – IQAC, St. Joseph’s College, Bengaluru on 30 November 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT

Curriculum Design & Assessment for Outcome Based Education (OBE)

Presented By
Dr. Vijayakumar V, Professor & COE
Sri Ramakrishna College of Arts and Science, Coimbatore
Mail : veluvijay20@gmail.com Mobile: 94434 17456
30 November 2020

AICTE Sponsored STTP
Organized by
School of Management, Sri Krishna College of Technology, Coimbatore

AICTE Sponsored STTP (Series III) – Outcome Based Curriculum Planning, Mapping and Measurement

21st-century skills every student needs

21st-Century Skills

Foundational Literacies
Competencies
Character Qualities

Effective oral & written communication
Critical thinking & problem-solving
Collaboration among cultures
Creativity and innovation
Digital literacy & skills
Global awareness & leadership
Health & well-being
Media & information literacy
Self-regulation
Social & cultural awareness

Education Quality Assessments & Accreditations

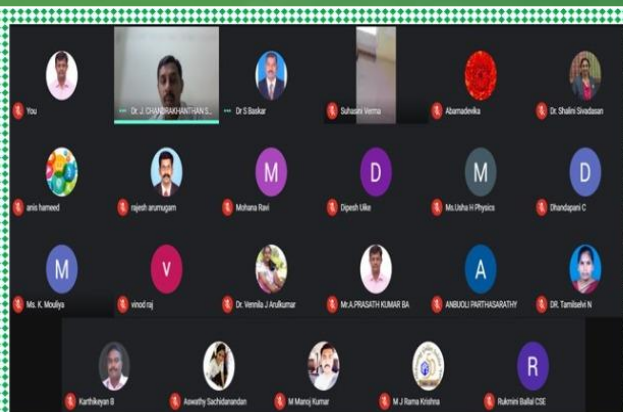
- Assessment helps institutions in carrying out their Strength, Weakness, Opportunity and Challenges (SWOC) analysis
- ISO - Improvement of procedures, documentation, criteria, etc.
- Accreditation - is an assurance of quality of both the institutional processes and outputs
- It Provides Assurance about Program Quality
- What accreditation is NOT?
 1. Not a ranking procedure (Gold, Silver, 1,2,3...)
 2. Not an Investigation (There has been no complaint)
 3. (Should not be), A Regulatory Process.
 4. Not Even an Audit

Day 1: Session 2: Curriculum Design

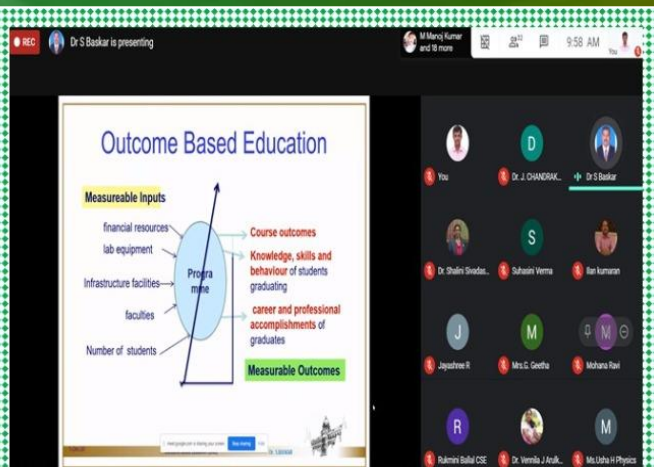
Resource Person: Dr.V.Vijayakumar
Controller of Examination
Sri Ramakrishna College of Arts and Science,
Coimbatore

The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr V Vijayakumar, Professor, Dept. of Computer Science, Controller of Examinations, Sri Ramakrishna College of Arts and Science, Coimbatore on 30 November 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT



AICTE Sponsored STTP (Series III) – Outcome Based Curriculum Planning, Mapping and Measurement



Cognitive Learning -Taxonomy

Bloom (1956) proposed that knowing is composed of six successive levels arranged in a hierarchy



Day 2: Session 1: Curriculum Design

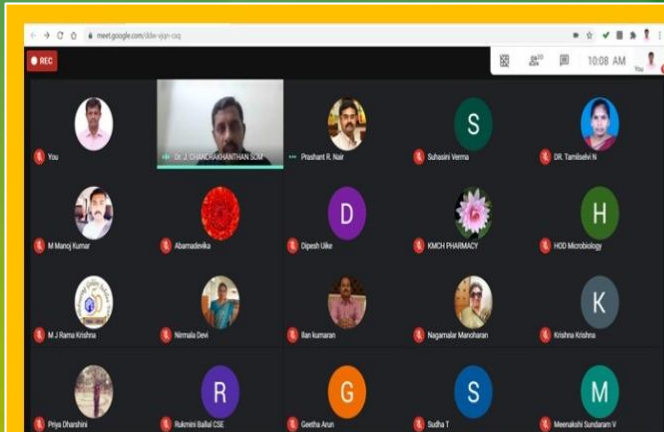
Resource Person: Taxonomies of Learning
Dr.S.Baskar,
 Dean – R&D, Professor,
 Thiagarajar College of Engineering
 Madurai

Key Components of OBE

- Vision and Mission of the Institute
- Vision and Mission of the Department
- Programme Educational Objectives (PEOs)
- Graduate Attributes (GAs)
- Programme Outcomes (POs)
- Course Outcomes (COs)
- Programme Specific Criteria

The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr S Baskar, Professor & Head, Dean (R&D), Dept. of Electrical & Electronics Engineering, Thiagarajar College of Engineering, Madurai on 01 December 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT



AICTE Sponsored STTP (Series III) – Outcome Based Curriculum Planning, Mapping and Measurement

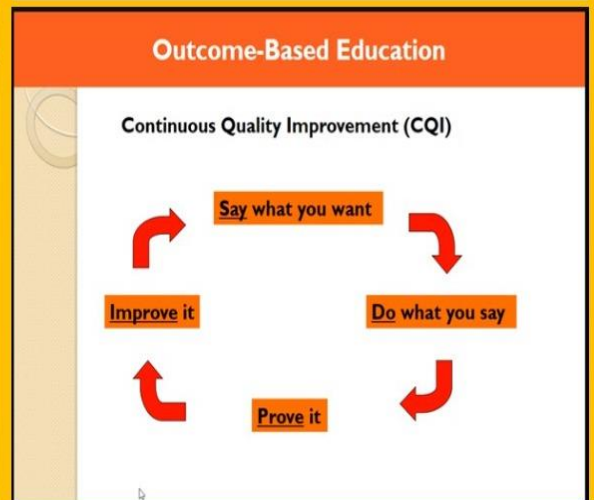


Day 2: Session 2: OBE Mapping
Prof. Prashant R Nair, Associate Professor,
Amrita Vishwa Vidyapeetham
Coimbatore

Course Title: Strength of Materials
Course Outcomes: Example

At the end of the course, student is able to:

1. **Apply** laws of physics (eg. Hook's law, etc.) to compute different types of response (stress and deformation) in the given materials. (PO 1)
2. **Analyse** structural elements for different force systems to compute design parameters (BM and SF) (PO2)
3. **Design** compression elements using engineering principles to resist any given loads. (PO3)
4. **Conduct** experiments to validate physical behaviour of materials/components (PO4)
5. **Prepare** laboratory reports on interpretation of experimental results (PO5)



The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr V Prashant R Nair, Assoc. Professor, IQAC Coordinator, Amrutha Vishwa Vidyapeetham, Coimbatore on 01 December 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT

What is the difference between course objectives and learning outcomes?

- Objective – A course objective describes what a faculty member will cover in a course. They are generally less broad than goals and more broad than student learning outcomes.
- Examples of objectives include
 - Students will gain an understanding of the historical origins of art history.
 - Student will read and analyze seminal works in 20th Century American literature.
 - Students will study the major U.S. constitutional agencies.

Participants: You, balamurugan b, Dr. Subbalakshy..., P. SATHI, Rakmini Balaji CSE, M Manoj Kumar, Ban kumar, Mrs G. Geetha, Meenakshi Sundar...

AICTE Sponsored STTP (Series III) – Outcome Based Curriculum Planning, Mapping and Measurement

Examples of good student learning outcomes:

- Economics. Demonstrate graphically and explain how a change in expectations will affect the loanable funds market.
- Management. Identify (based on readings, case studies, or personal experiences) those activities that are most likely to distinguish effective, well-managed technology development programs from ineffective programs
- Statistics. When given two events, you will be able to determine whether they are independent or whether there is a relationship between them (that is, one event affects the probability of the other). On the basis of this determination, you will be able to select and use the appropriate rules of

Day 3: Session 2: Mapping of Learning Outcome
Dr.B.Balamurugan
Professor,
Galgotias University, Greater Noida

a. Judging the importance of the particular CO in relation to the POs. If the CO matches strongly with a particular PO criterion then assign 3, if it matches moderately then assign 2 or if the match is low then assign 1 else mark with "-" symbol.

b. If an action verb used in a CO is repeated at multiple Bloom's levels, then you need to judge which Bloom's level is the best fit for that action verb.

A sample CO-PO Course Articulation matrix mapping for the Python Programming course.

COs	POs												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
CO1	3	3	2	1	3	-	-	-	-	-	-	1	2
CO2	2	2	2	1	3	-	-	-	-	-	-	1	2
CO3	3	3	2	2	3	-	-	-	-	-	-	2	3
CO4	2	2	1	1	3	-	-	-	-	-	-	1	2
CO5	3	3	2	2	3	-	-	-	-	-	-	2	3

PO Attainment

```

    graph TD
      A[PO (1_12)] --> B{Verify Courses for PO attainment form SAR}
      B --> C[Observe the quality of COs]
      C --> D[Verify assessments used for attainment of COs]
      D --> E[Assessment Methods]
      E --> F[Verify Target]
      F --> G[PO Attainment]
      C --> H[Select 2 to 3 Compulsory Courses/Projects]
      H --> I[Identify COs mapped for POs, Strength of Correlation]
      I --> D
      E --> J[Direct Tools]
      E --> K[Indirect Tools]
      J --> L[Exam question papers]
      J --> M[Assignment]
      J --> N[Projects (Rubrics)]
      K --> O[Surveys (Course End & Exit Survey)]
      G --> P[80% of Students scored 60%]
      P --> Q[Evaluation of COs and Judgement]
  
```

The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr Balamurugan Balusamy, Professor, School of CSE, Galgotias University, Greater Noida, U.P. on 02 December 2020.

SoM | Phase 3 – SIX-DAY STTP ON OUTCOME BASED CURRICULUM PLANNING, MAPPING AND MEASUREMENT

AICTE Sponsored STTP (Series III) – Outcome Based Curriculum Planning, Mapping and Measurement

Day 4:
Session 1

Blooms' Taxonomy (Psychomotor)

- Perception**
 - Ability to use sensory cues to guide motor activity
- Set** (Physical, emotional and mental)
 - Readiness to take a particular course of action
- Guided Response** (Imitation and trail & Error)
 - Performance is judged by instructor or a by a set of criteria
- Mechanism**
 - Learned Responses – Habitual
 - Movements – some confidence and Proficiency

CO – PO Mapping
Dr. S.J.Thiruvengadam
Professor and Dean (Academics)
Thiagarajar College of Engineering

TCE Proficiency Scale

TPS	Proficiency	Cognitive	Affective	Psychomotor
TPS1	To have been exposed to	Remember	Receive	Perception, Set
TPS2	To be able to interpret and imitate	Understand	Respond	Guided Response
TPS3	To be skilled in the practice or implement	Apply	Value	Mechanism
TPS4	To be able to participate in and contribute	Analyse	Organise	Complex Overt Responses
TPS5	To be able to judge and adapt	Evaluate	Organise	Adaptation
TPS6	To be able to lead and innovate	Create	Characterize	Origination

Course Outcome

- Course Outcomes helps the learner to
 - To get a clear course goal (purpose)
 - To get a framework for measuring their success by themselves (self assessment)
 - To reduce their stress (anxiety)
 - To improve their studying effectiveness

3 December 2020 TCE, Madurai 29

The School of Management organised the AICTE sponsored Phase 3 - Six-day online STTP on “**Outcome Based Curriculum Planning, Mapping and Measurement**” facilitated by Dr S J Thiruvengadam, Professor and Dean (Academics), Dept. of ECE, Thiagarajar College of Engineering, Madurai on 03 December 2020.

EEE | VIRTUAL INTERACTIVE SESSION ON FACILITATING ENTREPRENEURSHIP & INNOVATION: THE NATIONAL EDUCATION POLICY 2020



**Sri Krishna College of Technology
Coimbatore - 641042.**



**Department of Electrical and Electronics Engineering
(Accredited by NBA)**

**Cordially Invites you for the
Virtual Interactive Session**
on



**Facilitating Entrepreneurship & Innovation:
the National Education Policy 2020**

Chief Guest

Dr.P.Pradeepa

Associate Professor and Head,
Department of EEE,
School of Engineering and Technology,
Jain University,
Bangalore.



28/11/2020

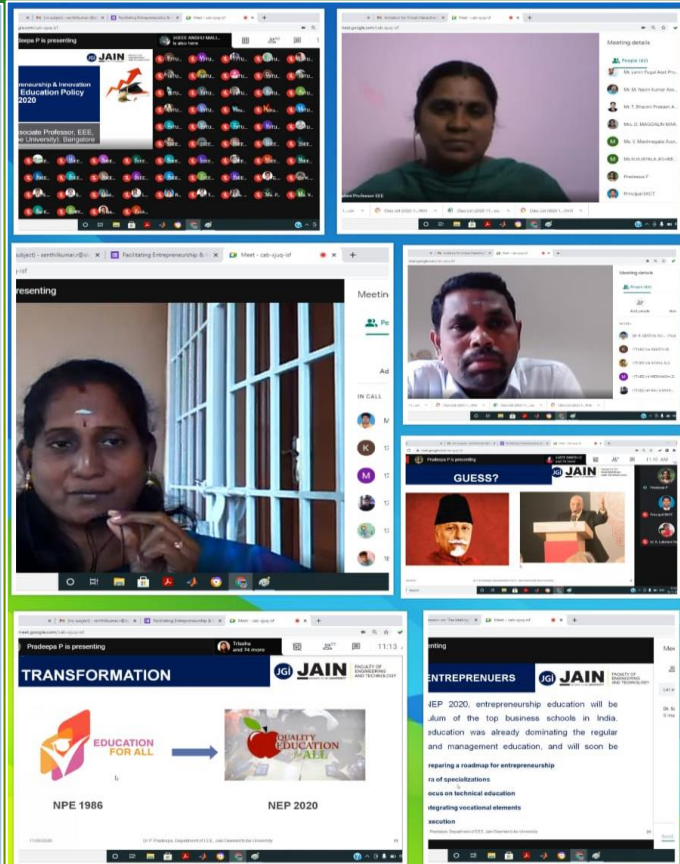
10:30 AM

Presided by

Dr. Srinivasan Alavandar, M.E, Ph.D.
Principal, SKCT

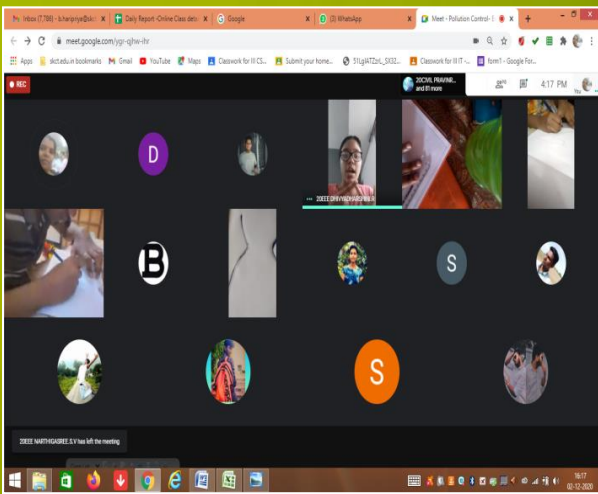
Convener: Dr.K.Lakshmi, M.E, Ph.D. Professor and Head/EEE, SKCT

Coordinators: Dr.P.Santhosh, Mr.R.Senthil Kumar, Dr.S.Saravanan,
Asst. Professor/EEE, SKCT

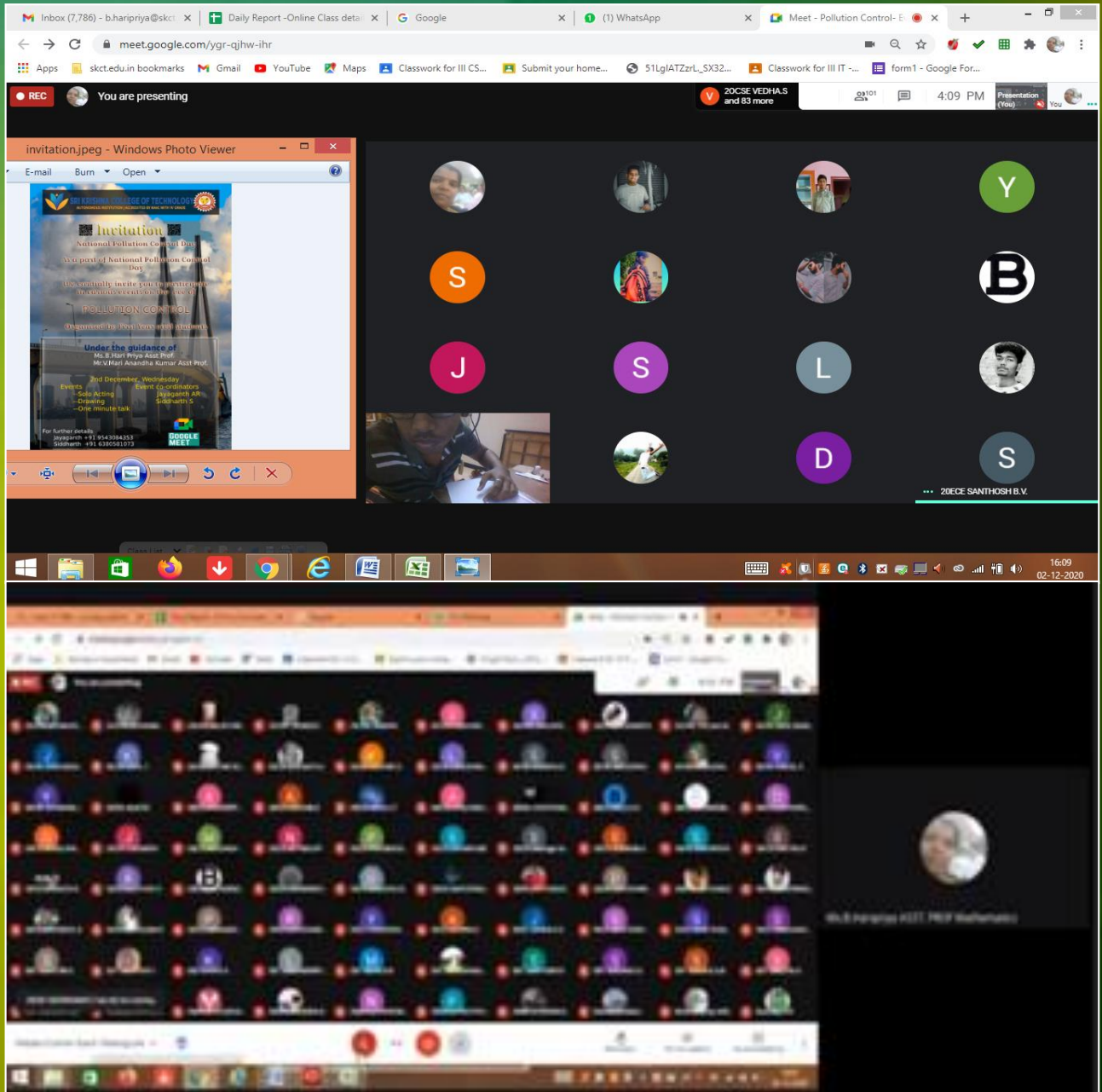


The Dept. of EEE organised a Virtual Interactive Session on “Facilitating Entrepreneurship & Innovation: The National Education Policy 2020” facilitated by Dr P Pradeepa, Assoc. Professor and Head, Dept. of Electrical and Electronics Engineering, School of Engineering and Technology, Jain University, Bangalore, Dr Srinivasan Alavandar, Principal, SKCT, Dr K Lakshmi, Professor and Head and the Members of Faculty, Dept. of EEE on 28 November 2020.

S &H | EVENTS ORGANISED

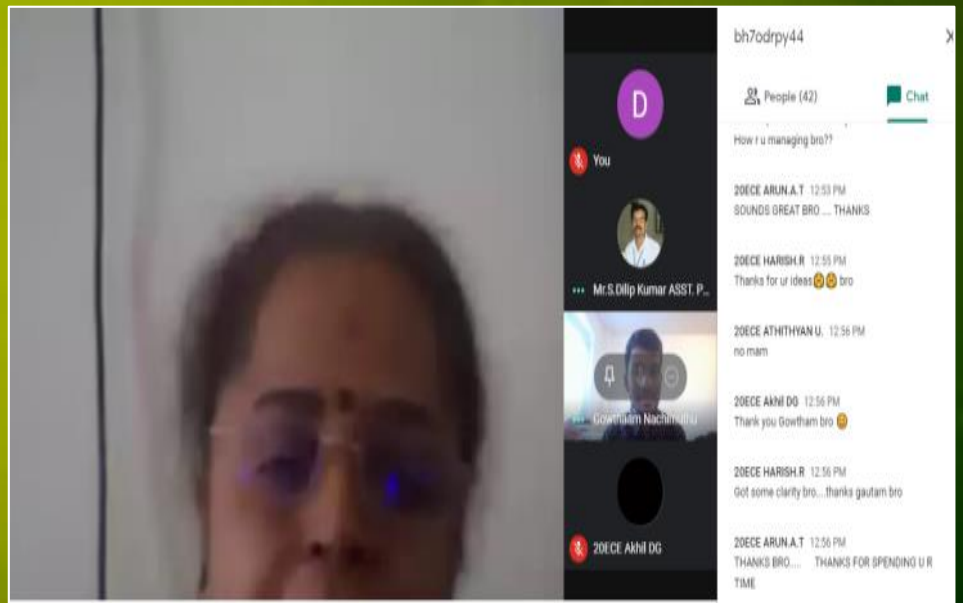
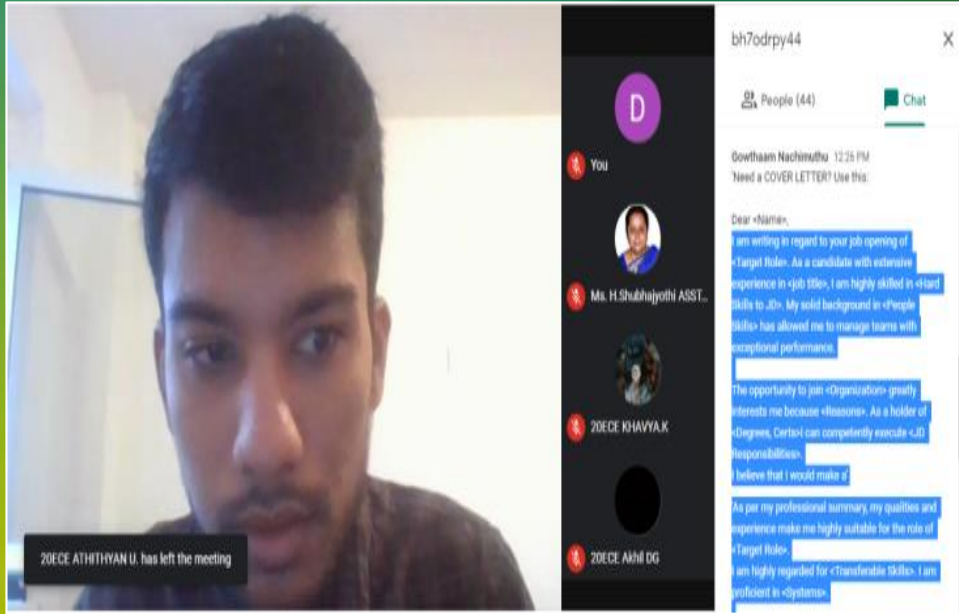


S &H | EVENTS ORGANISED



Students of First B.E. Civil Engineering organised various events like Drawing, Solo Acting and One-Minute Talk to commemorate “**Pollution Control Day**” facilitated by Ms B Haripriya, Asst. Professor and Mr V Mari Anandha Kumar, Asst. Professor, Dept. of Science and Humanities on 02 December 2020.

S &H | EVENTS ORGANISED



Ms H Shubajyothi, Asst. Professor, Dept. of Science and Humanities, organised a virtual motivational speech on **"Way to Success"** for the Students of First Year. Mr Gowthaam Nachimuthu, Jung Diagnostics Bei Philips Health Care, Hamburg, Germany, Alumni (Batch 2010-2014), Dept. of ICE, facilitated the session on 28 November 2020.

S &H | EVENTS ORGANISED

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

DEPARTMENT OF SCIENCE AND HUMANITIES

INSTITUTIONS' INNOVATION COUNCIL
(Recognized by Government of India)

Cordially Invites You All For
Motivational Speech
on
"Opportunities in Europe"
Resource Person

Mr Gowtham Nachimuthu
Instrumentation and control/ Biomedical Engineer
JUNG DIAGNOSTICS BEI PHILIPS HEALTHCARE,
HAMBURG, GERMANY,
Presided by
Dr SRINIVASAN ALAVANDAR
PRINCIPAL

Felicitated by
Dr B Sathishkumar
HoD - S&H

Organized by
Ms H Shubajothi
Dr R Ganesh
Assistant Professor - S&H

Date: 28.11.2020 Time: 12.00 Noon Link: <https://meet.google.com/enj-hbrb-chq>



20ECE JAISURIY... and 6 more

12:07 PM

Participants:

- You
- Gowtham Na...
- 20ECE KISHO...
- 20ECE Akhil DG
- 20ECE KARNI...
- 20ECE KAVIN K.
- 20ECE KARTH...
- 20ECE ANUKE...
- 20ICE MRITHI...
- Ms. H. Shubhaj...
- 20ECE GRIFFI...
- 20ECE KOTTI...
- 20ECE HARIH...
- 20ECE AJITH G.
- 20ECE HARIS...
- 20ECE LOGES...
- 20ECE ARAVI...
- 20ECE LOGES...
- 20ECE KANIT...
- 20ECE ATHIT...
- 20ECE ATHILA...
- 20ECE ASWIN ...
- 20ECE JANAN...
- 20ECE JOSHU...
- 20ECE GOWT...
- 20ECE DHAN...
- 20ECE ARUN...
- 20ECE KATHI...
- 20ECE ARAVI...
- 20ECE ARUNA...
- 20ECE DHIVY...
- 20ECE HEMA...
- 20ECE HINDU...
- 20ECE HAREE...
- 20ECE DHARA...
- 20ECE JEROM...

bh7odrp44

Activate Windows
Go to Settings to activate Windows.

S &H | EVENTS ORGANISED

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

DEPARTMENT OF SCIENCE AND HUMANITIES

INSTITUTION'S INNOVATION COUNCIL
University of Mysore

*Cordially Invites You All For
Motivational Speech*

Way to success

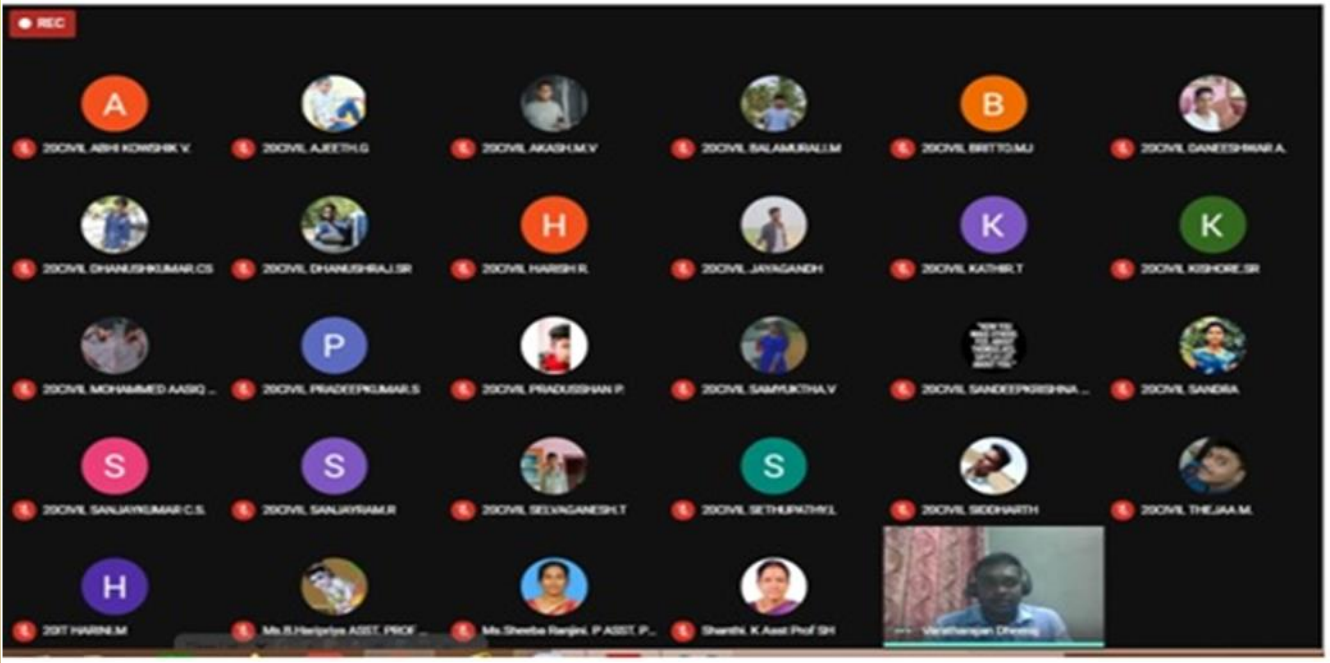
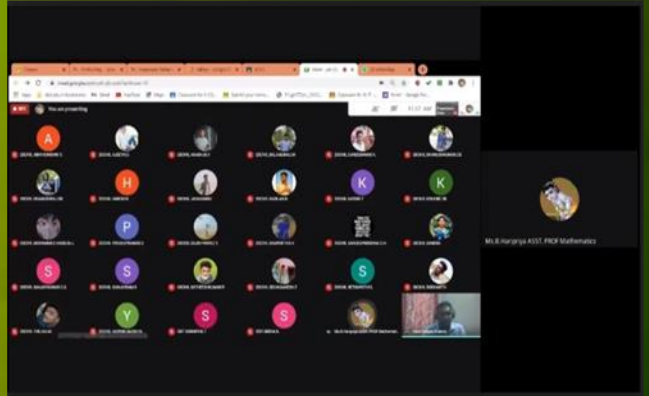
Resource Person
Mr Dheeraj
Application Development Analyst
Accenture, Bangalore

Presided by
Dr SRINIVASAN ALAVANDAR
PRINCIPAL

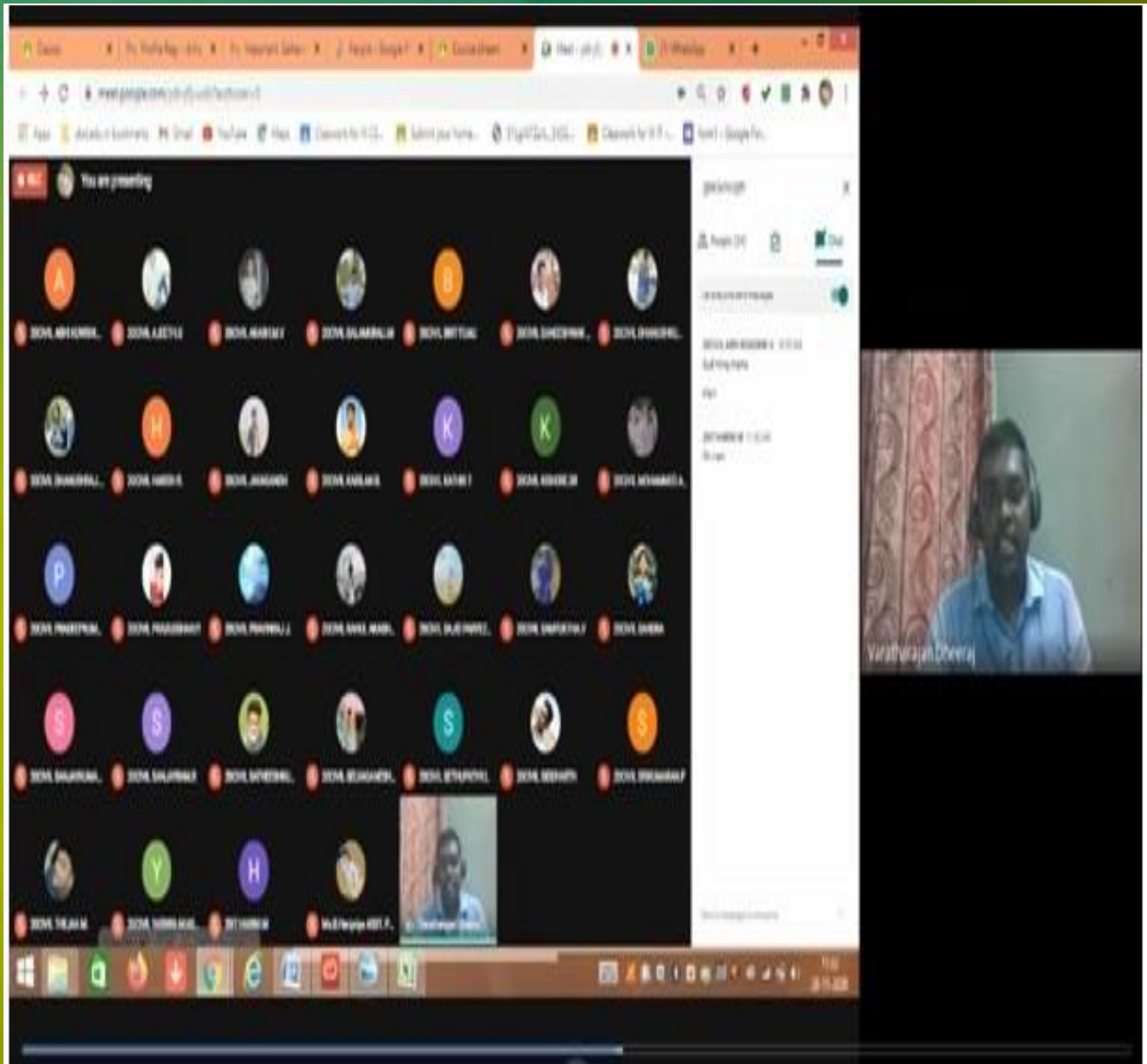
Felicitated by
Dr B Sathishkumar
HoD - S&H

Organized by
Ms B HariPriya
Assistant Professor - S&H

Date: 28.11.2020 Time: 11.00 Am Link:



S &H | EVENTS ORGANIZED



Ms B HariPriya, Asst. Professor, Dept. of Science and Humanities, organised a virtual motivational speech on **"Way to Success"** for the Students of First Year. Mr Dheeraj, Application Development Analyst, Accenture, Bangalore, facilitated the session on 28 November 2020.

S & H | EVENTS ORGANISED



SRI KRISHNA COLLEGE OF TECHNOLOGY
World Disabled Day
DEPARTMENT OF SCIENCE AND HUMANITIES



3rd December, Thursday

Evening: 4-5 PM

As a part of world disabilities day,

We cordially invite you to

Participate in various events



Event:

Guess the words

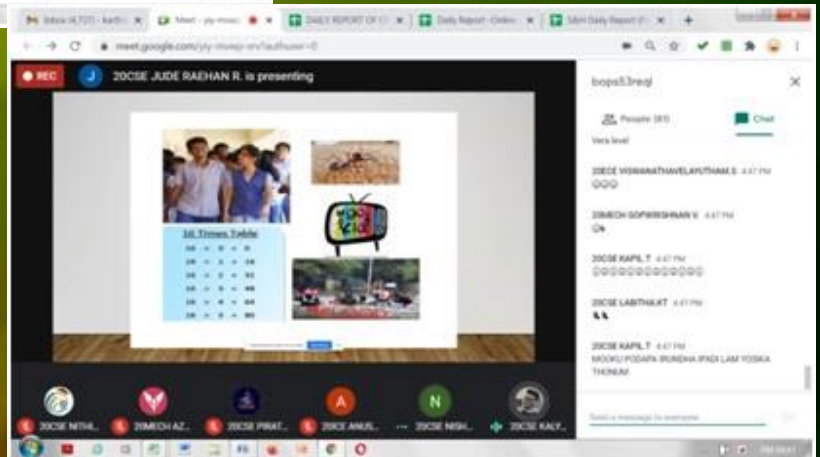
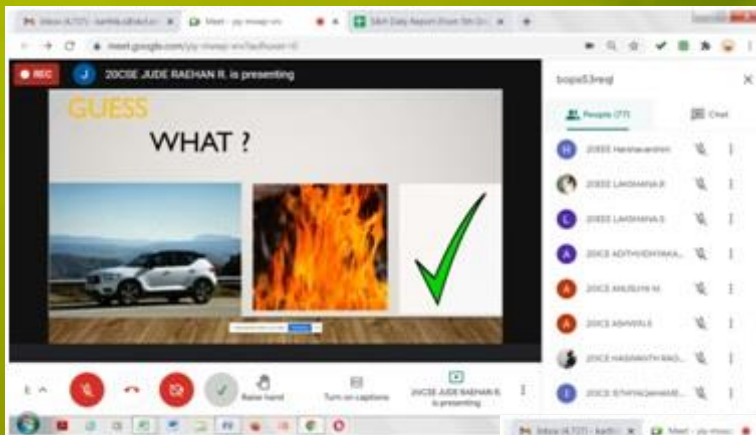


Link:

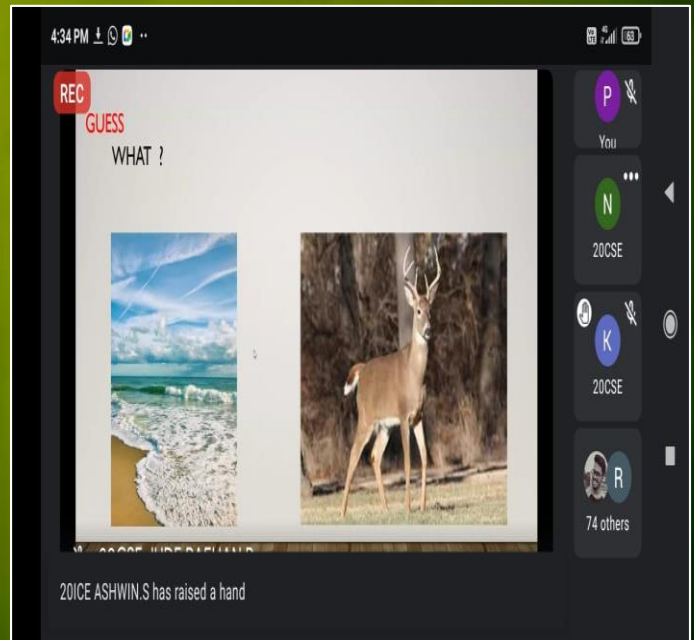
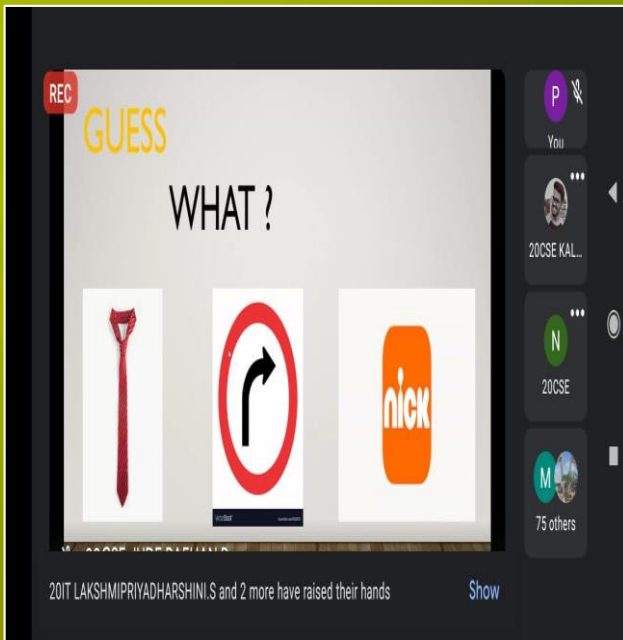
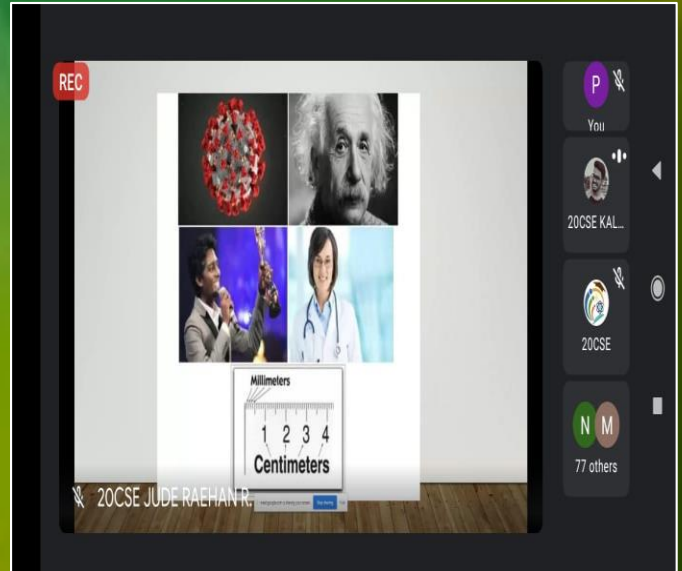
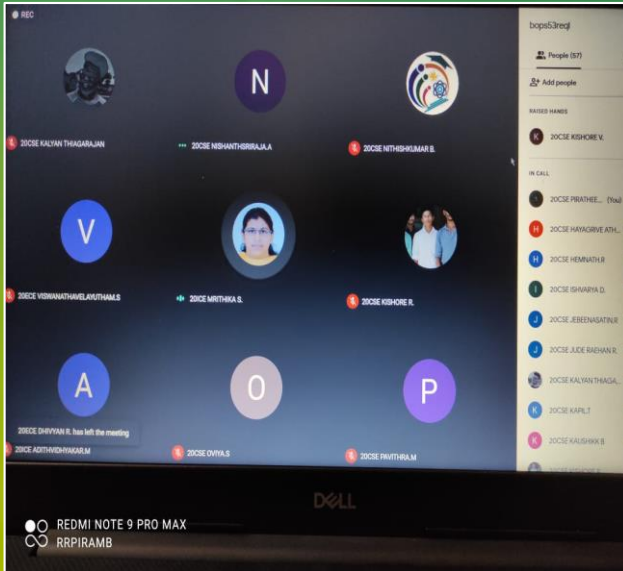
<https://meet.google.com/lookup/bops53req1?authuser=0&hs=179>

ORGANISED BY

CSE-B STUDENTS



CSE B | GUESS IT WHAT | WORLD DISABILITY DAY



Students of First B.E. CSE B Section organised various events to commemorate “World Disability Day” on 03 December 2020.

SPECIAL EDITION - 28

MEETINGS & DISCUSSIONS



@skctdigest



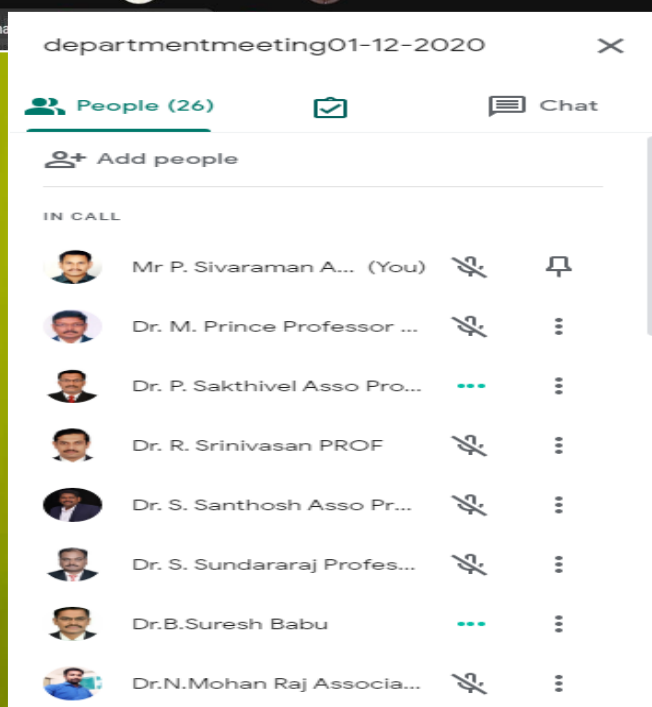
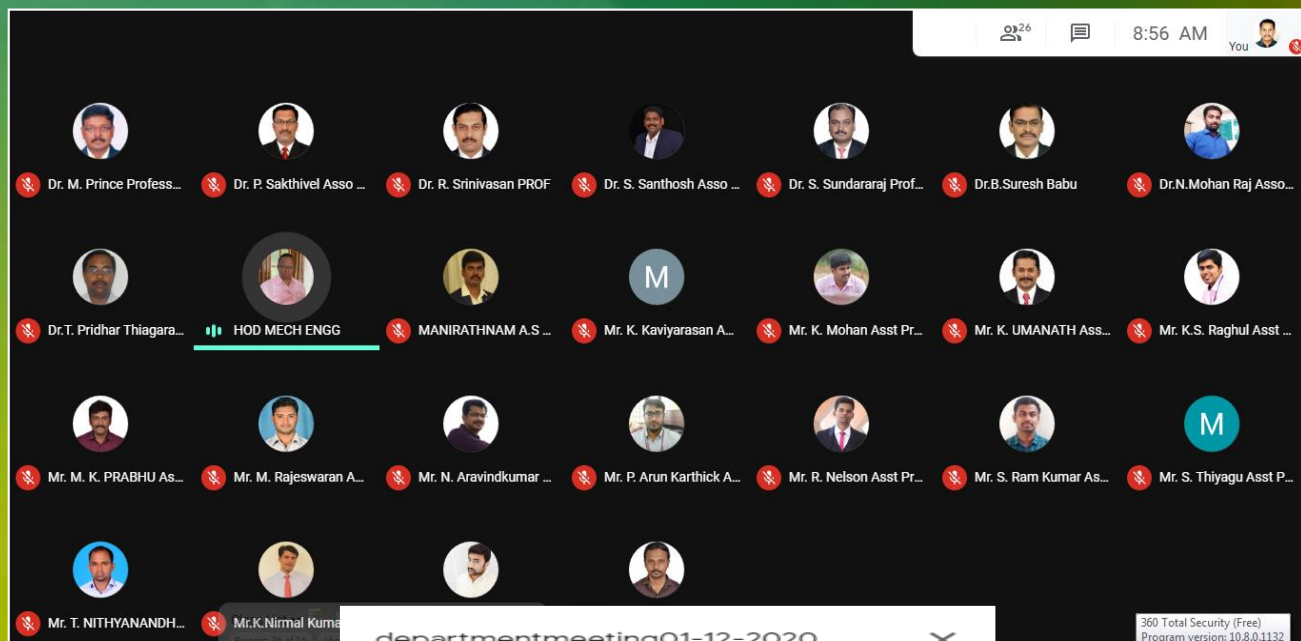
@skctofficial



digestfeedback@skct.edu.in



MECH | DEPARTMENT MEETING



Dr P Prathap Prof. & Head, Dept. of Mechanical Engineering conducted a department meeting with members of faculty of mechanical engineering regarding the upcoming exams and the next semester plans on 01 December 2020.

MECH | DISCUSSION WITH INDUSTRY EXPERT**ASHOK LEYLAND**

Dr P Prathap Prof. & Head, Dept. of Mechanical Engineering had a discussion with Mr. A Leo Bernard , Dy Manager - Mission Gemba(E), From Ashok Leyland company had visited our campus and had a discussion related with our syllabus which will make the students to fulfill the current industry requirements on 27 November 2020.

MECH | AICTE CHHATRA VISHWAKARMA AWARDS – FIRST REVIEW

The top screenshot shows a Google Meet window with a presentation slide titled "OVER VIEW:". The slide contains the following text:

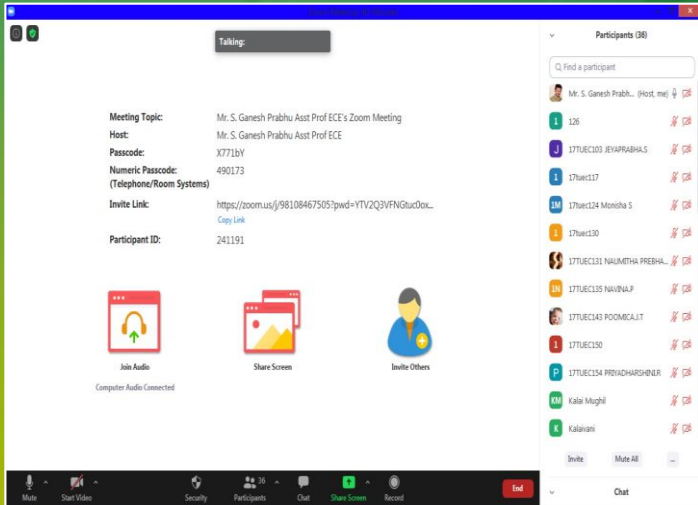
- **Co₂ Casting** is a kind of sand casting process. In this process the sand moulding mixture is **hardened** by blowing gas over the mould.
- In addition, one can **measure** of casting dimensionally **accurate** castings with **fine surface** finish. But, this process is not **economical** than green sand casting process.
- The process is basically a hardening process for moulds and cores

The bottom screenshot shows a Google Meet window with a presentation slide titled "Introduction". The slide contains the following text:

- Automation has tremendous applications in various fields, but there still a few important sectors in our country where automation has not been adopted or not been put to a full-fledged use, perhaps because of several reasons one such reason is cost.
- One such field is that of agriculture. Agriculture has been one of the primary occupations of man since early civilizations and even today manual interventions in farming are inevitable. Greenhouses form an important part of the agriculture and horticulture sectors in our country as they can be used to grow plants under controlled climatic conditions for optimum produce.
- Automating a greenhouse envisages monitoring and controlling of the climatic parameters which directly or indirectly govern the plant growth and hence their produce. Automation is process control of industrial machinery and processes, thereby replacing human operators.

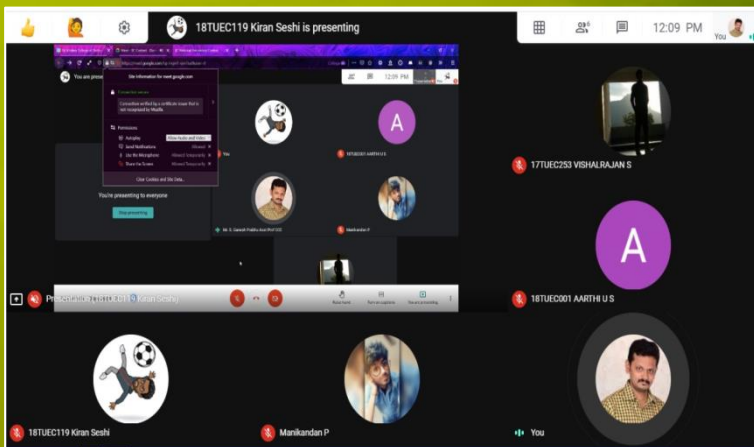
Dr P Prathap Prof. & Head, Dr T Pridhar and Dr B Sureshbabu Asso. Professor, Dept. of Mechanical Engineering had a review on projects titled "IoT based automatic CO₂ moulding machine and IOT based Greenhouse Monitoring and Control System" for AICTE Chhatra Vishwakarma Awards Review. Project mentored by Dr P Sakthivel and Dr S Santhosh Asso. Professor and Faculty Incharge Mr R Rathish Asst. Professor Dept of Mechanical Engineering on 30 November 2020.

ECE | TUTOR WARD SESSION



Tutor Ward session had been conducted for Final BE ECE students and discussed regarding the Placement activities, Semester preparations and Project preparatory status on 28 November 2020.

ECE | IIC INNOVATION CONTEST 2020

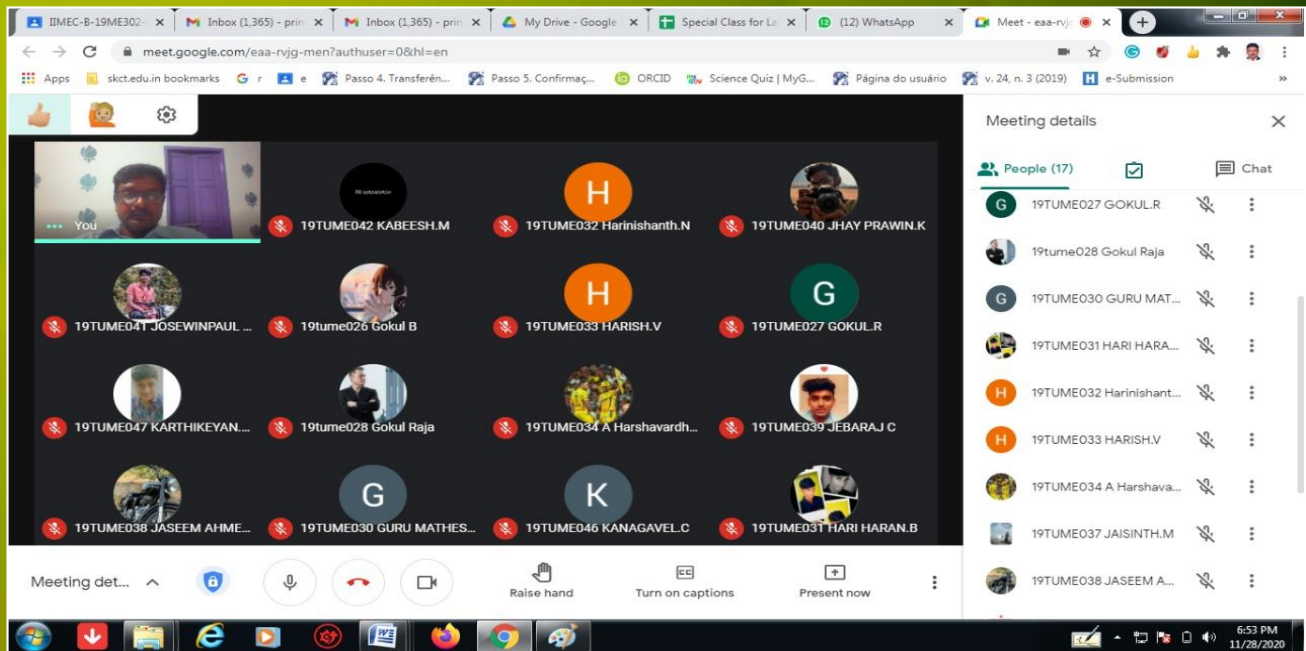
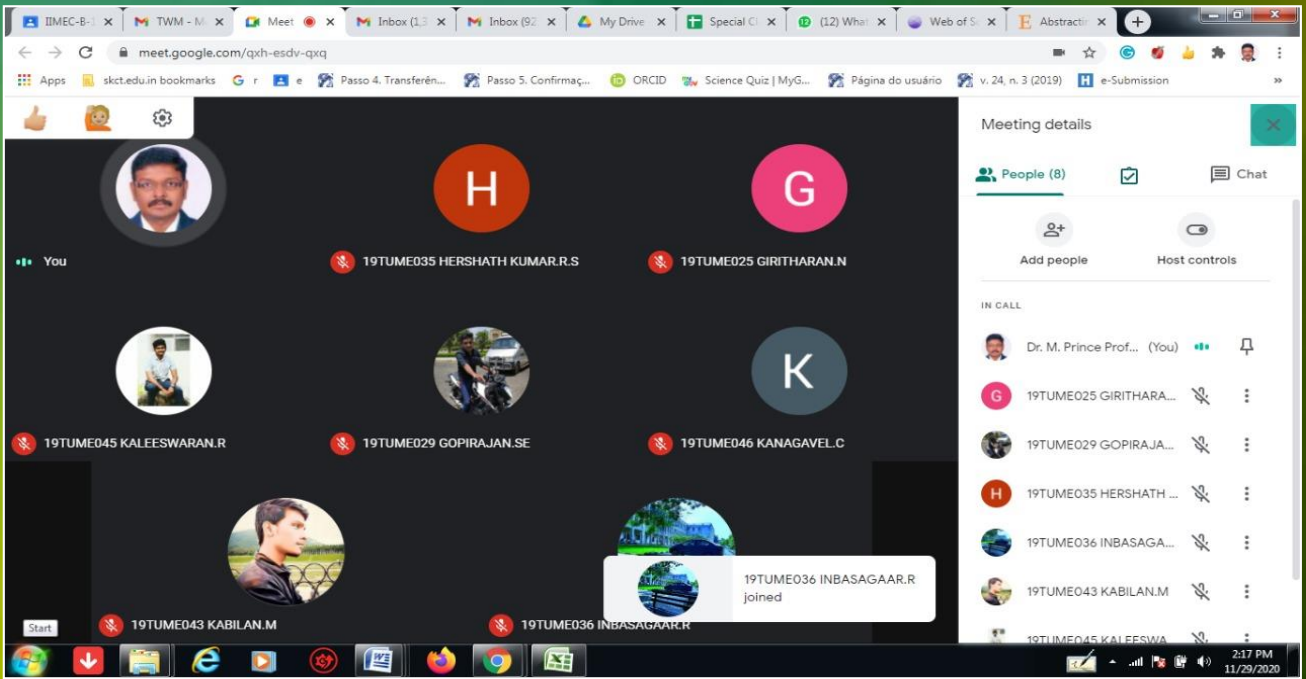


MHRD's Innovation Cell
IIC National Innovation contest 2020



Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE **convened a meeting** with the Students of Final BE ECE Mr Manikandan, Mr Nishanth M K, Mr Kiran Seshi M and Ms Aarthi U S and discussed regarding the project **"H2O Pointer"** for IIC Innovation Contest 2020 on 28 November 2020.

MECH | TUTOR WARD SESSION – II YEAR A SEC



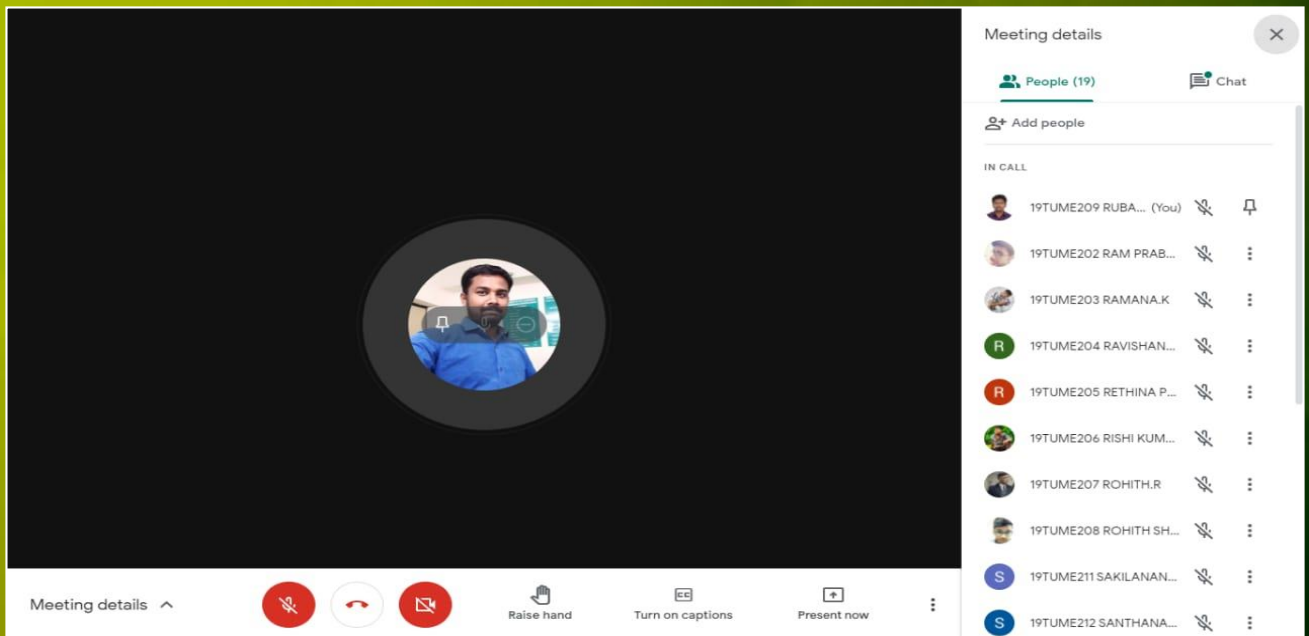
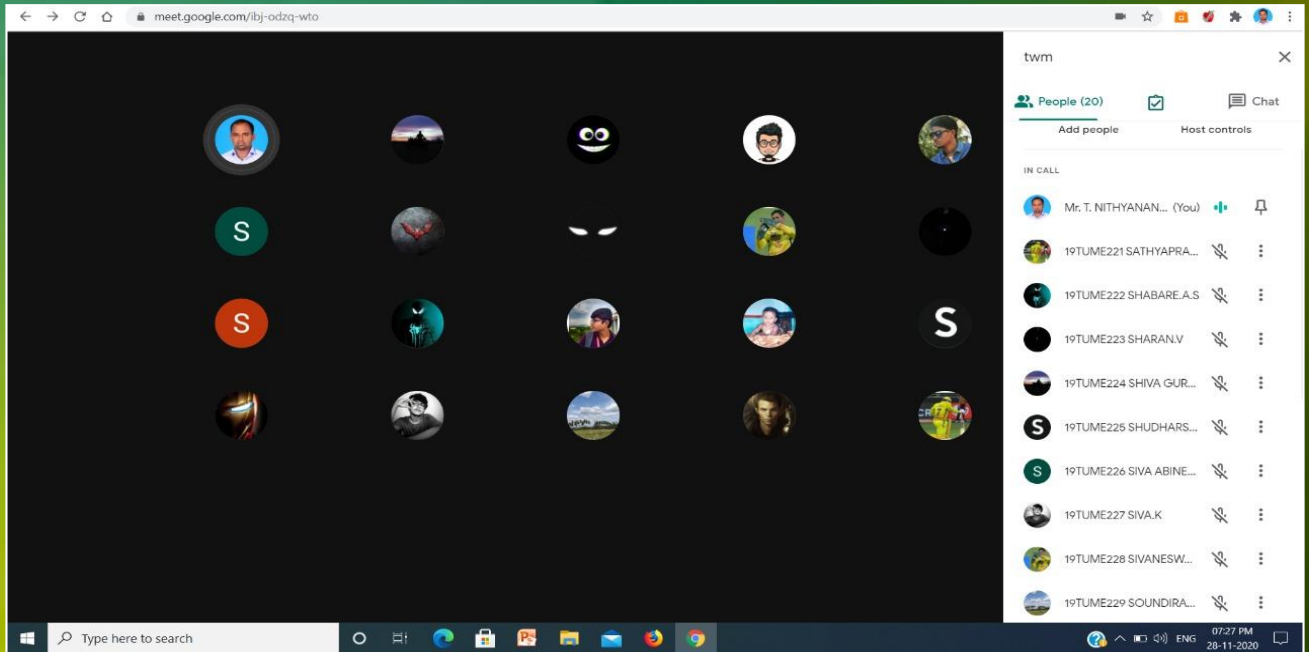
Dr M Prince, Prof, and Mr K Senthil Kumar, Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Second year A sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – II YEAR B SEC

The screenshot displays a Google Meet interface during a tutorial ward session. On the left, a 'Class List' window is open, listing 21 participants with their names and IDs. The main meeting area shows a grid of participants, including several who are muted (indicated by a red 'X' icon). The meeting title is 'Meet - pls-vpbm-mep' and the time is 9:35 AM on 28-11-2020. The Windows taskbar at the bottom shows the system tray with the time 09:35 and date 28-11-2020.

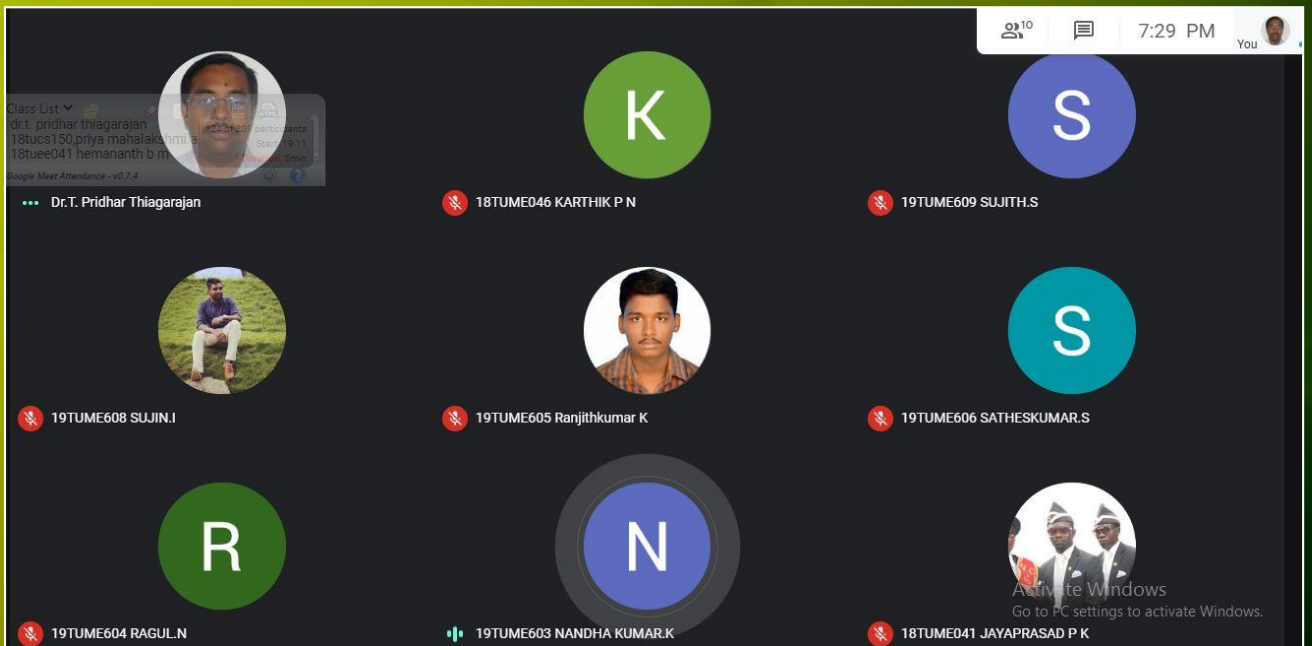
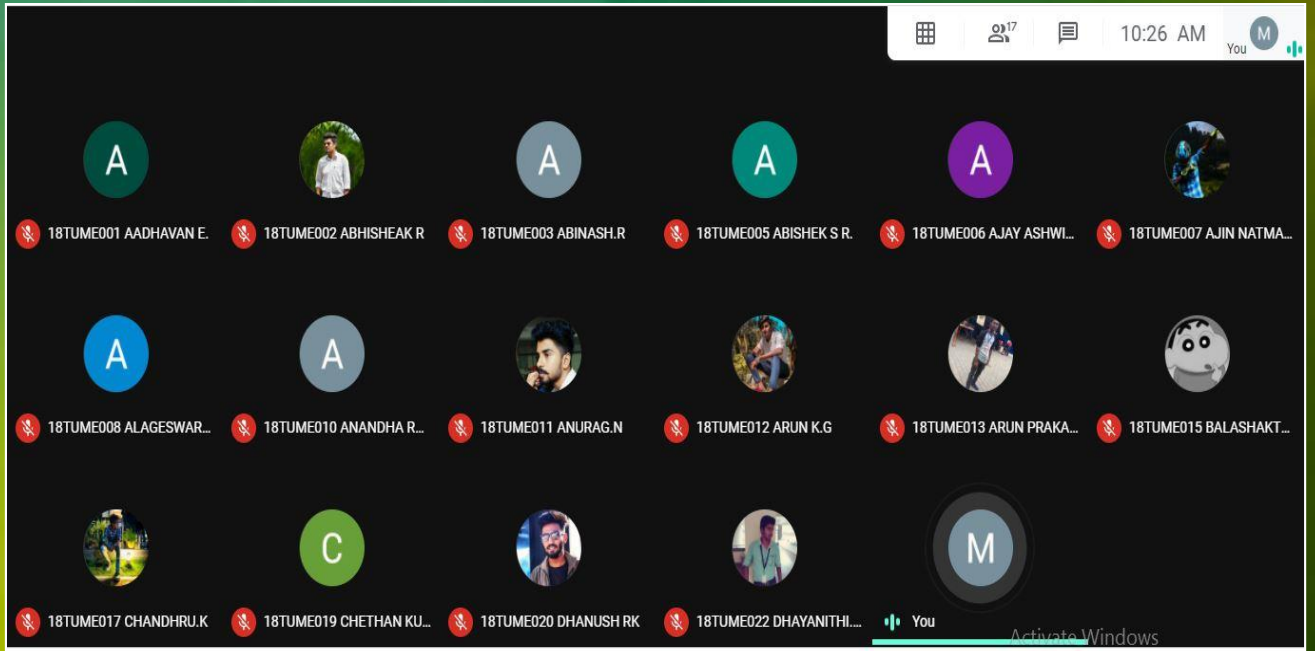
Dr S Santhosh, Asso. Professor, and Mr MK Prabhu, Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Second year B sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – II YEAR C SEC



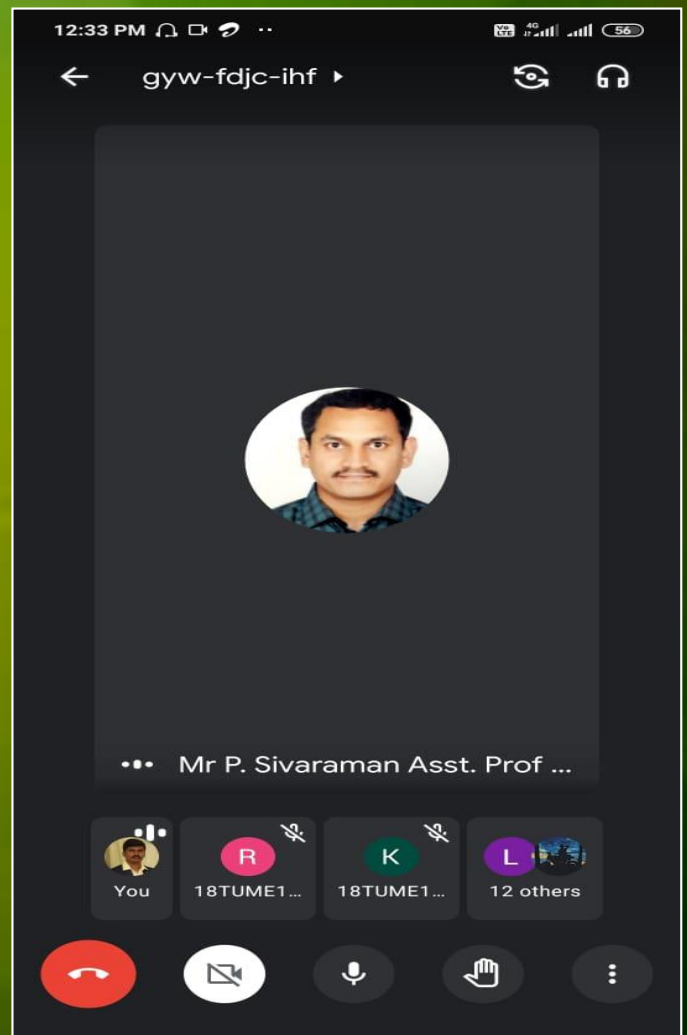
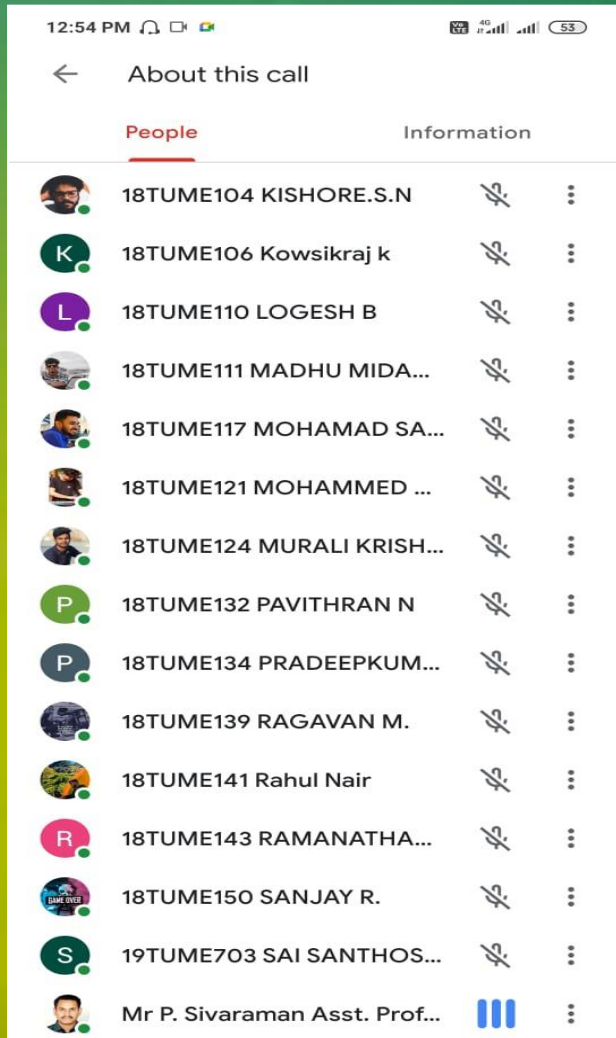
Dr N Mohanraj, Asso. Professor, and Mr N Nithyanandhan, Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Second year C sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – III YEAR A SEC



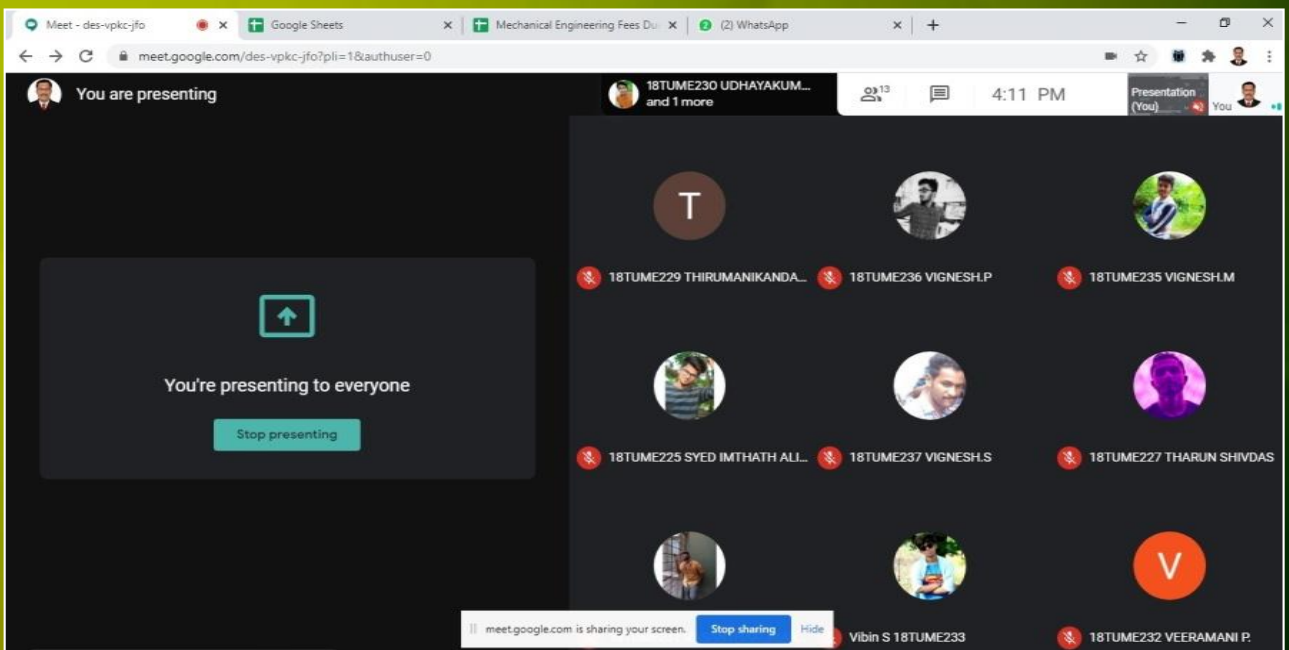
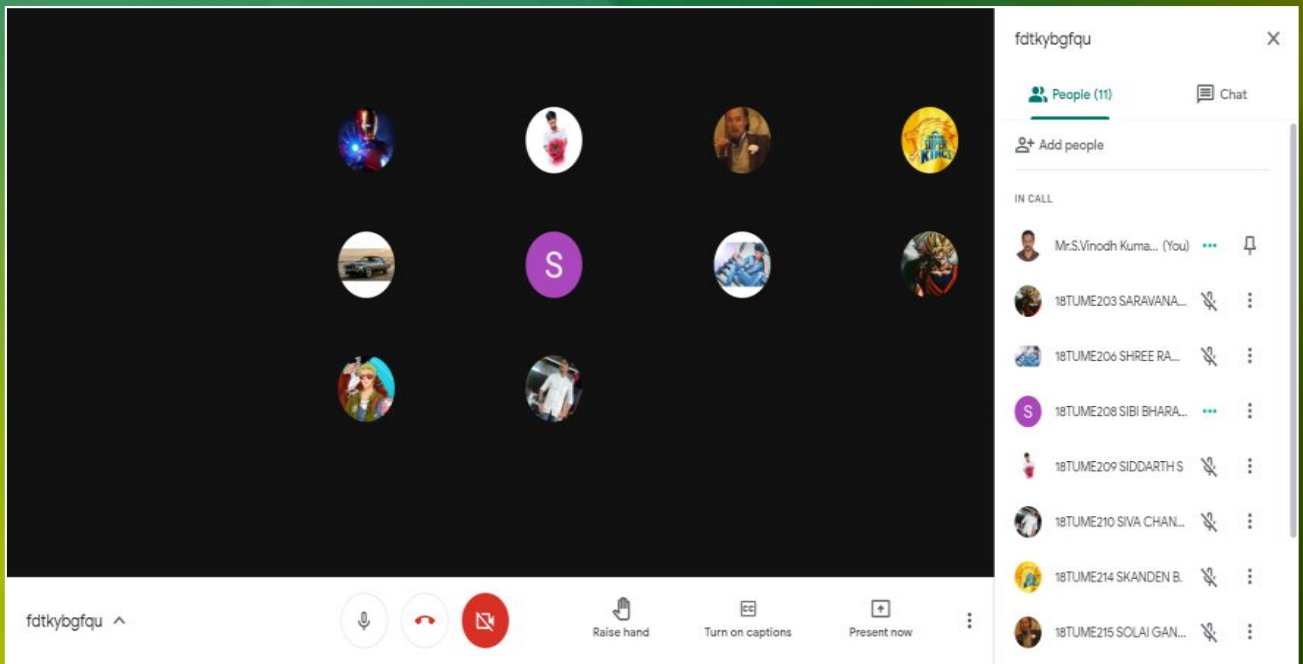
Dr T Pridhar, Asso. Professor, Mr K Kaviyarasan and Mr K Umanath Asst. Professor, Dept. Of Mechanical Engineering conducted Tutor ward session for Third year A sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – III YEAR B SEC



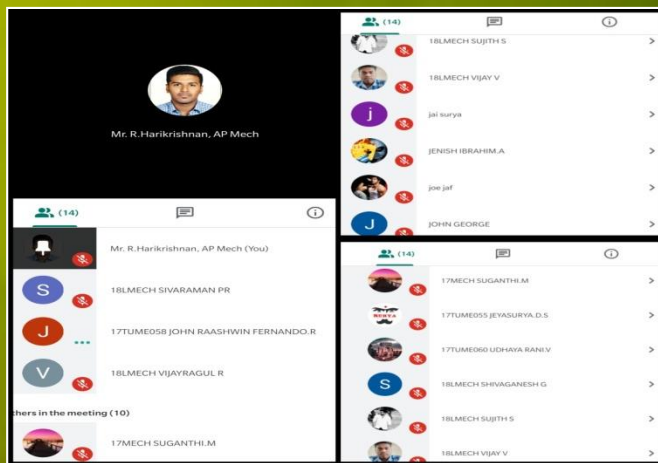
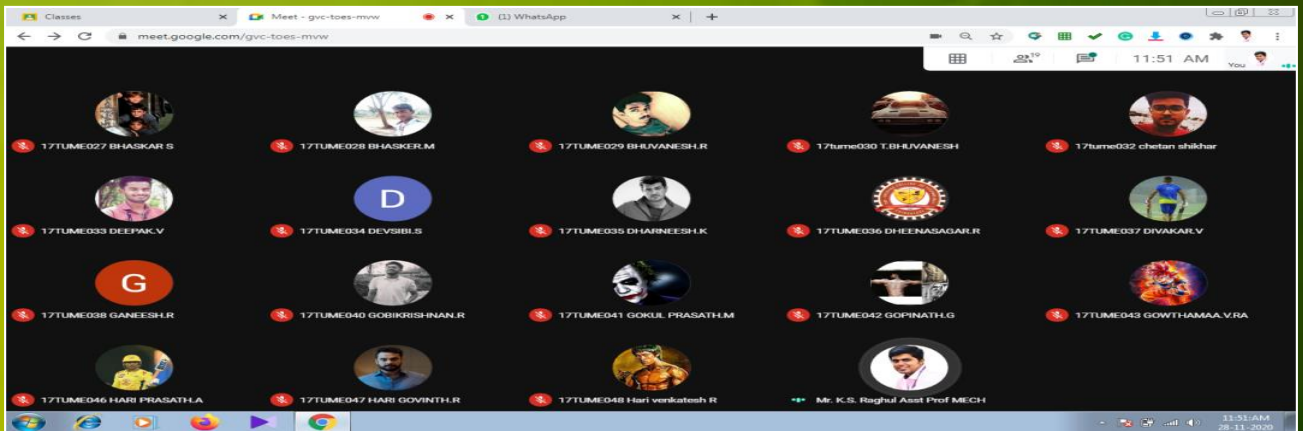
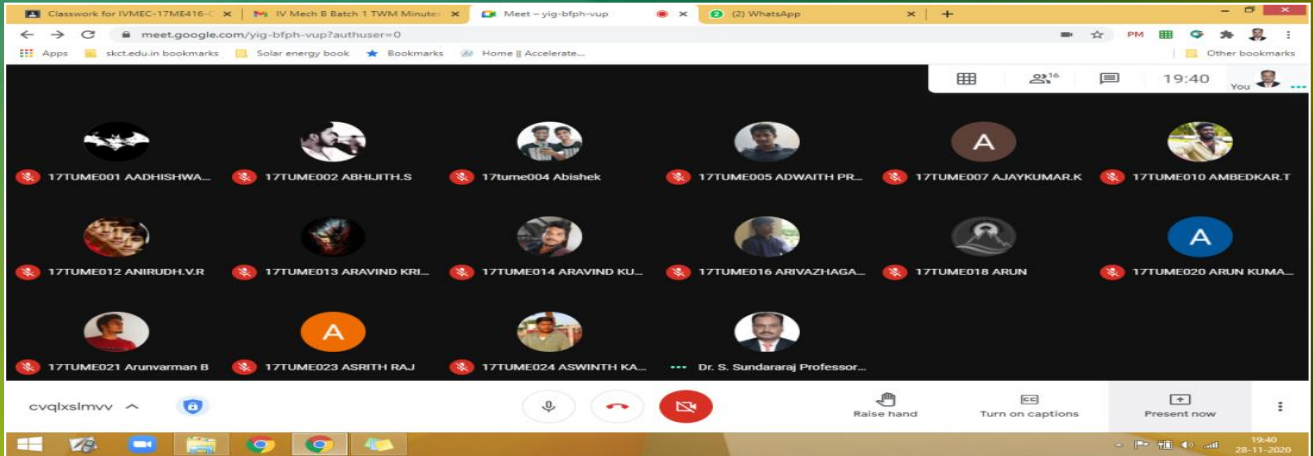
Mr S Thiyagu, Mr P Sivaraman and Mr AS Maniratinam Asst. Professor, Dept. Of Mechanical Engineering conducted Tutor ward session for Third year B sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – III YEAR C SEC



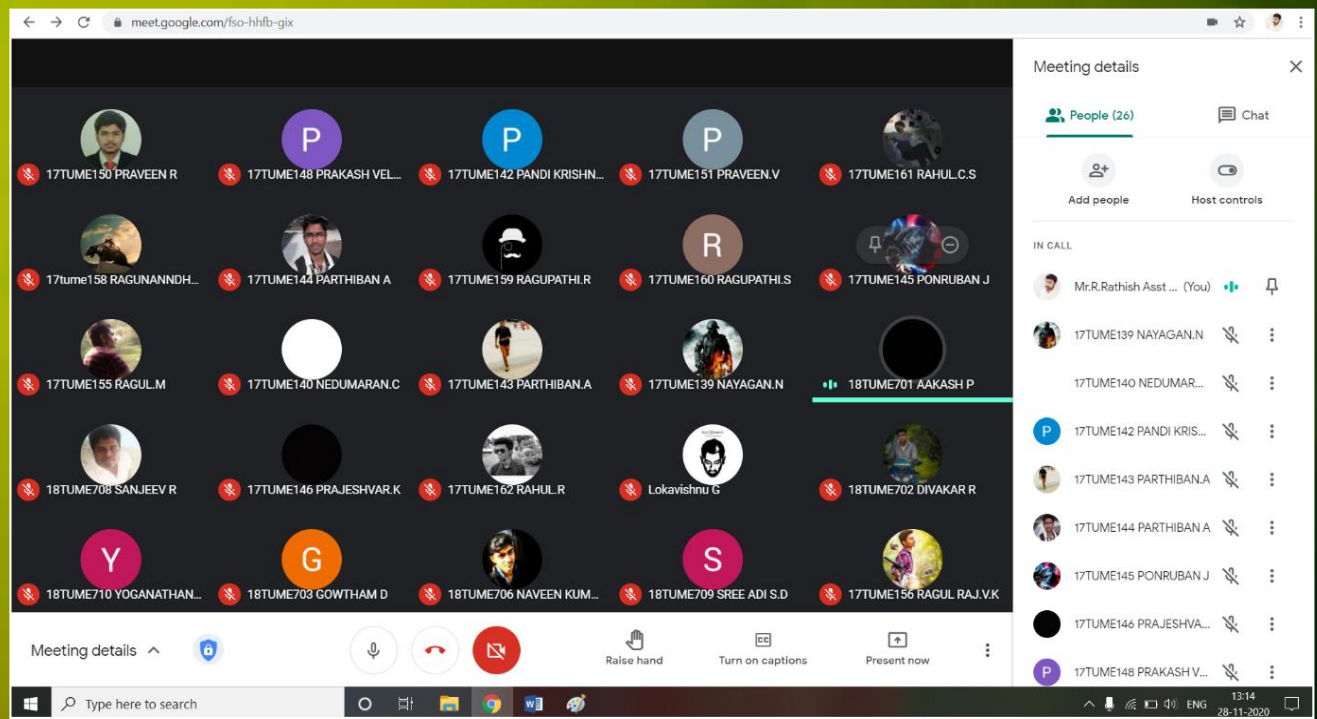
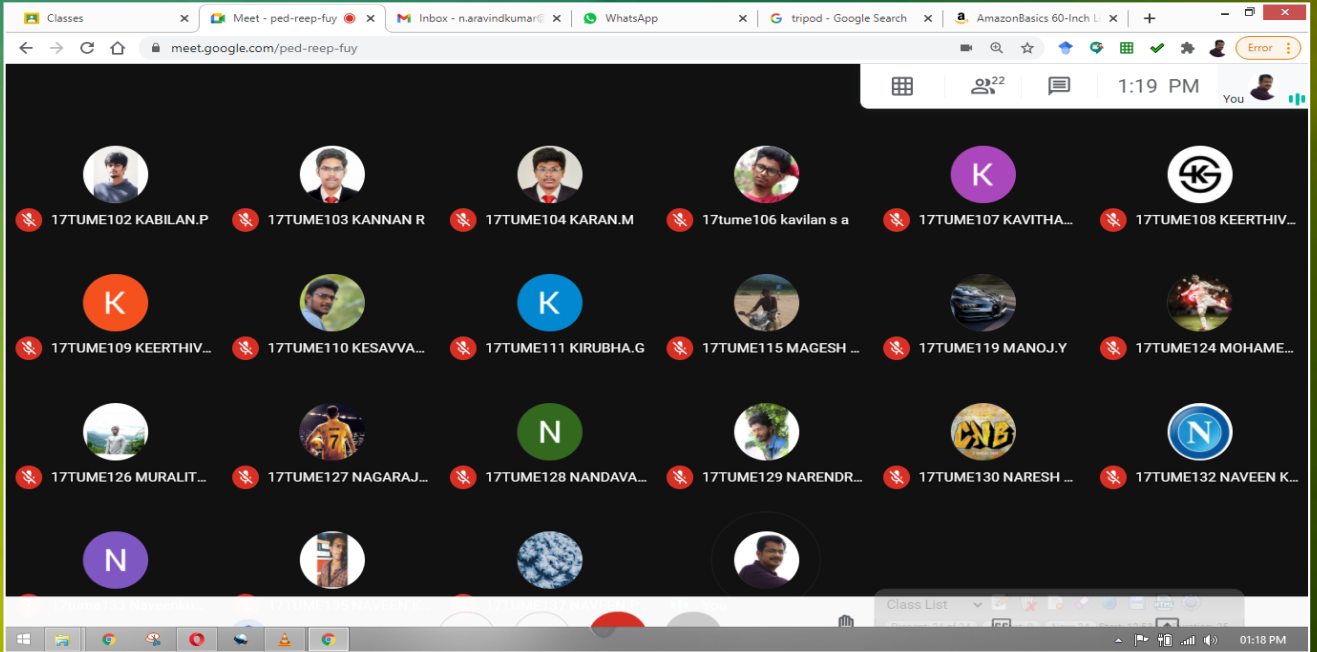
Dr P Sakthivel, Asso. Professor, Mr S Vinodhkumar and Mr R Nelson Asst. Professor, Dept. Of Mechanical Engineering conducted Tutor ward session for Third year C sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – IV YEAR A SEC



Dr S Sundararaj, Prof., Mr K S Raghu and Mr Harikrishnan Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Final year A sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – IV YEAR B SEC



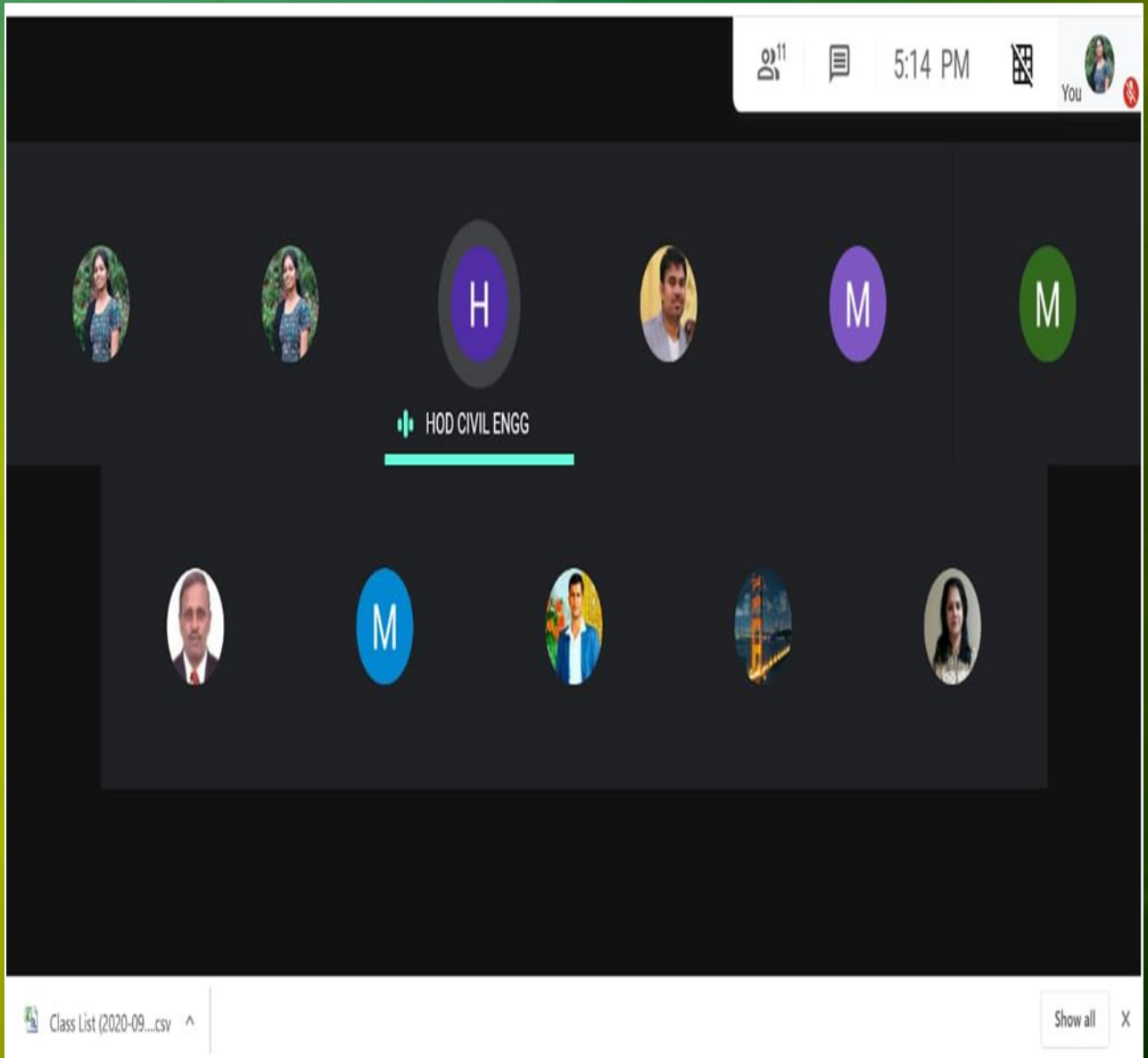
Mr N Aravindkumar and Mr R Rathish Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Final year B sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

MECH | TUTOR WARD SESSION – IV YEAR C SEC

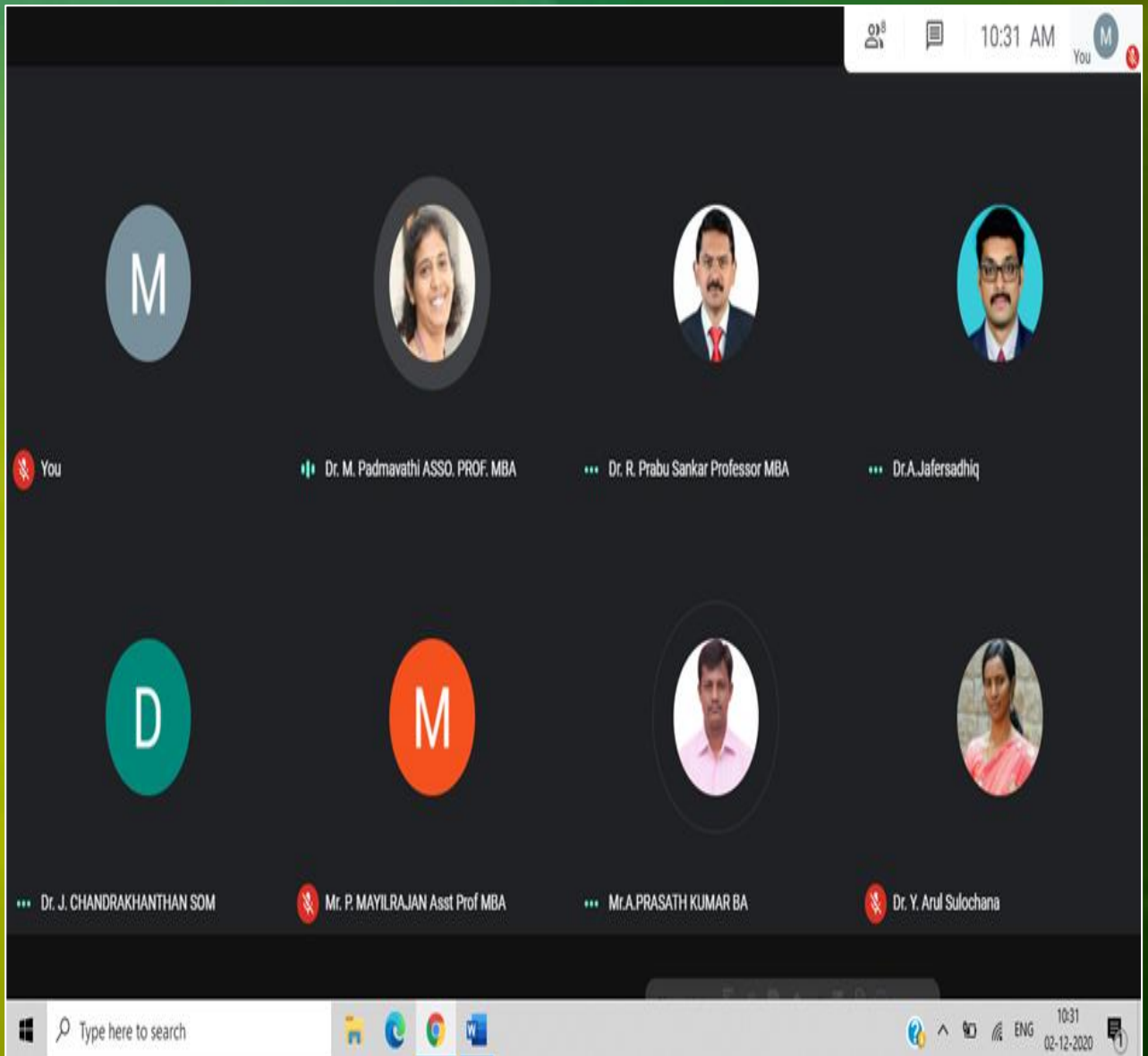
The image displays three screenshots of Google Meet sessions. The top screenshot shows a meeting with 11 participants, including Mr. S. Ram Kumar. The middle screenshot shows a meeting with 17 participants, including Mr. K. Mohan Asst Prof MECH. The bottom screenshot shows a meeting with 9 participants, including Mr. M. Rajeshwaran. Each screenshot includes a grid of participant avatars and a sidebar with a list of participants.

Mr S Ram Kumar , Mr R Rathish and Mr M Rajeshwaran, Asst. Professor, Dept. of Mechanical engineering conducted Tutor ward session for Final year C sec regarding the upcoming exams and syllabus completion on 28 Nov 2020.

CIVIL | DEPARTMENT MEETING

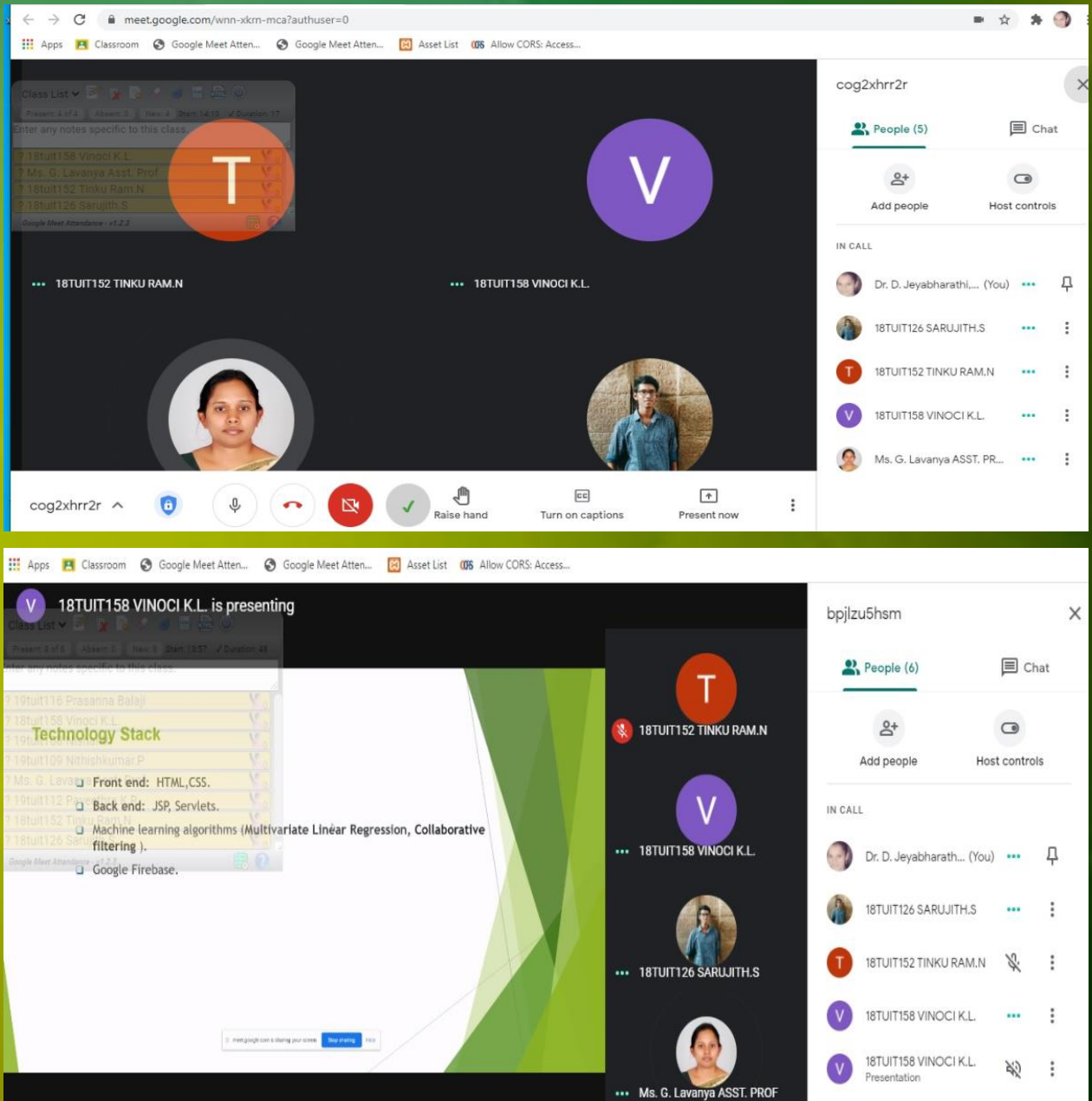


Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding NBA File Updation Progress on 30 November 2020.

SoM | DEPARTMENT MEETING

Dr M Padmavathi, Assoc. Professor and Head, SoM, conducted a meeting with the Members of Faculty regarding the First MBA Orientation Programme, E-Content Preparation, Placement Activities and Research Progress on 02 December 2020.

IT | DEPARTMENT LEVEL | PROJECT REVIEW



The Members of Faculty from the Dept. of IT reviewed the Students' Projects for **"Vishwakarma Award"** during 30 November-03 December 2020.

SPECIAL EDITION - 27

STUDENTS' ACTIVITIES



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@skctofficial



digestfeedback@skct.edu.in



IT | EXTRACURRICULAR ACTIVITIES



Ms Shiva Shri U, Student of
Second B.Tech. IT B Section.