

SKCT DIGEST



SPECIAL ISSUE - 14

**SPECIAL
EDITION**

24 - 28 AUGUST 2020

EDITOR - IN - CHIEF

**Dr Srinivasan Alavandar,
Principal**

EDITORIAL TEAM

Ms S Soundarya, CSE

Ms S Thenmozhi, ECE

Ms B Pavithra, S&H



INSIDE THIS ISSUE

ALUMNUS ACHEIVEMENT**Pg.no. 3 - 4****STUDENTS' PARTICIPATION****Pg.no. 5 -11****FACULTY PARTICIPATIONS****Pg.no. 12 - 17****PUBLICATIONS****Pg.no. 18 - 19****NEW VISTAS OF LEARNING****Pg.no. 20 - 29****FDPs ATTENDED****Pg.no. 30 - 42****CIA II | ONLINE MODE****Pg.no. 43 - 45****MEETINGS & DISCUSSIONS****Pg.no. 46 - 52****SKCT IN MEDIA****Pg.no. 53 - 56****STUDENTS' ACTIVITIES****Pg.no. 57 - 58**

SPECIAL EDITION - 14

ALUMNUS ACHEIVEMENT



@skctdigest



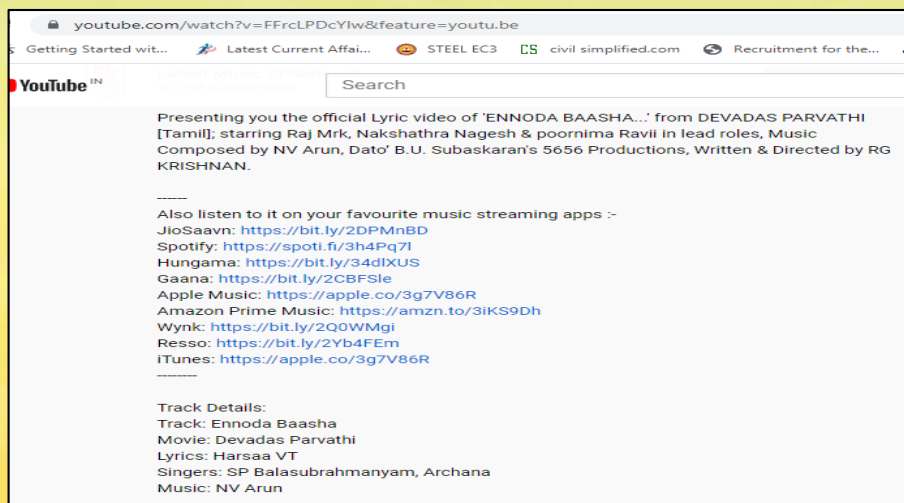
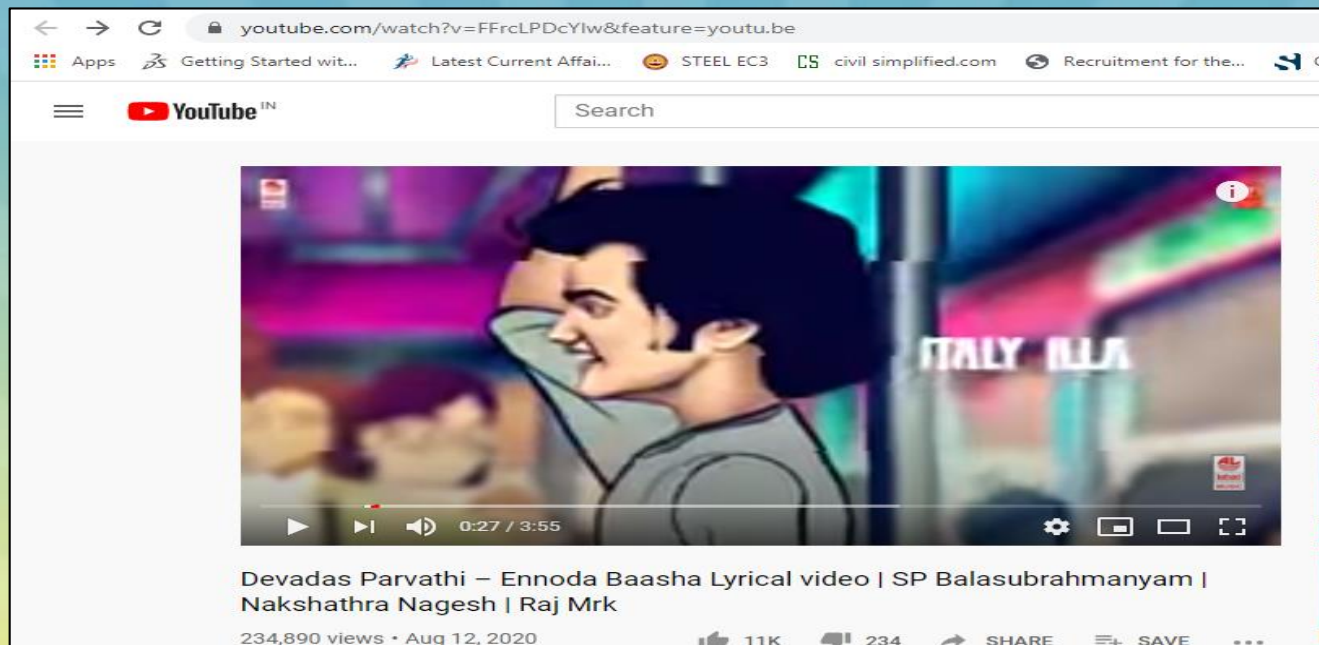
@skctofficial



digestfeedback@skct.edu.in



CIVIL | ALUMNUS ACHEIVEMENT| MUSIC DIRECTOR



Track Link :

<https://www.youtube.com/watch?v=FFrcLPDcYlw&feature=youtu.be>

Mr N V Arun, Alumnus, M.E. Civil (Batch 2014-2016), composed a music for the flim “**Devadas Parvathi**” and one of the songs in the movie was released in YouTube on 12 August 2020.

SPECIAL EDITION - 14

STUDENTS' PARTICIPATION



**Student
Success**



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

*Stay
Home
Stay
Safe*



IT | STUDENTS' CERTIFICATION | TECHNICAL COURSES | COURSERA



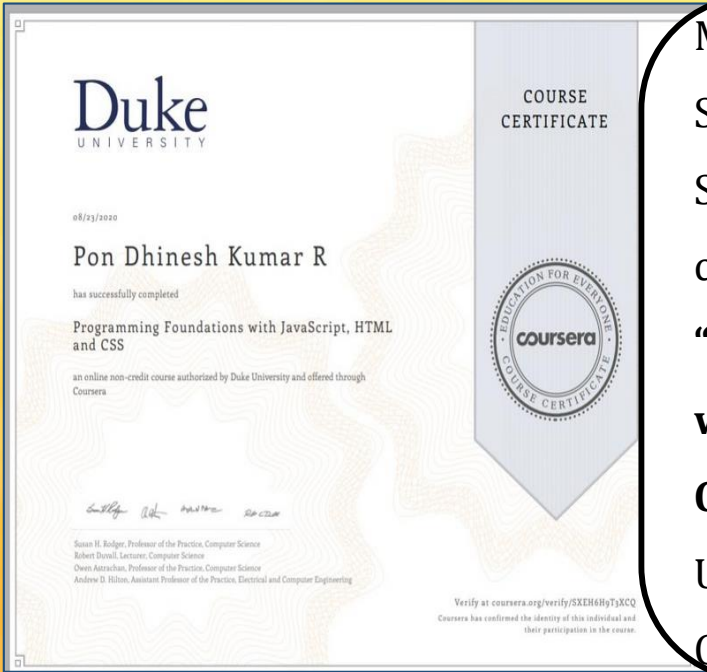
Mr Pon Dhinesh Kumar R, Ms Shobha N, Mr Sanjiv S S, Ms Renitha A, Ms Raajeswari M N and Mr Ragul N, Students of Second B.Tech. IT B Section, completed non-credit online certification technical course on various topics offered through Coursera on 22 August 2020.

ECE | STUDENT’S CERTIFICATION ON MAKE YOUR PICK-UPS LOOK COOL IN UNITY (INTRODUCTION TO ANIMATION)



Ms I Sindhuja, Student of Second B.E. ECE C Section, completed a course on **“Make your Pick-ups Look Cool in Unity (Introduction to Animation)”** offered by Coursera Project Network.

IT | STUDENT’S CERTIFICATION | PROGRAMMING FOUNDATIONS WITH JAVASCRIPT, HTML AND CSS



Mr Pon Dhinesh Kumar R, Student of Second B.Tech. IT B Section, completed an online certification course on **“Programming Foundations with JavaScript, HTML and CSS”** authorised by Duke University and offered through Coursera on 23 August 2020.

**IT | STUDENTS' PARTICIPATION | WORKSHOP ON
DATA SCIENCE | FACE DETECTION**



CERTIFICATE OF PARTICIPATION



This certificate is proudly presented to

Kamalesh Ar

for successfully attending an **online workshop** on
Data Science | Face Detection.

19-Aug-2020

Date



CERTIFICATE OF PARTICIPATION



This certificate is proudly presented to

Kaviya S

for successfully attending an **online workshop** on
Data Science | Face Detection.

19-Aug-2020

Date

Manmohan Gupta (Founder, Coding Blocks)

Ms Kaviya S and Mr Kamalesh A R, Students of Second B.Tech. IT A Section, attended an online workshop on **“Data Science | Face Detection”** organised by Coding Blocks on 19 August 2020.

IT | STUDENTS' PARTICIPATION | CULTURAL QUIZ



Ms Shamyuktha K, Mr Sujan Karthi N, Ms Sirpiga R and Ms Shobha N, Students of Second B.Tech. IT B Section, participated in a "Cultural Quiz" organised by Phoenix Club in coordination with the IQAC Villa Marie Degree College, Hyderabad on 23 August 2020.

CSE | STUDENT'S ACHIEVEMENT | INTERNSHIP OFFER



VISHNU VARTHAN

Date: 22 Aug 2020

To VISHNU VARTHAN

INTERNSHIP OFFER LETTER

Congratulations! We are pleased to confirm that you have been selected to work for Phantom Smart Solutions. We are delighted to make you the following Internship Offer.

The position that we are offering would be Developer. This is an internship job. You would be on a period of Six Months, post which, there would be an evaluation of your performance and you would either be confirmed to continue the internship. Post the completion of your degree you would be provided a full time employee position, based on your performance evaluation.

The details of stipend are mentioned below for your reference.

Components	Amount
Fixed Pay [Per Month]	Rs.15,000 [INR]

We would like you to start work from 24th Aug 2020. You may report to work on the mentioned date, and you are required to complete your orientations and joining formalities with the HR within the first two working days. If the date is not acceptable or feasible to you, you are required to contact the HR immediately.

Please sign the second copy of this offer letter to indicate your acceptance of the offer and return it back to the HR. We are confident that you would be able to make a significant contribution to the success and progress of our organization and we look forward to working with you.

Yours' Sincerely,

<<Signature>>

<<Name of the Authorized Signatory>>

I accept the above-mentioned offer and would be joining Phantom Smart Solutions by 24th Aug 2020.

<<Candidate Name & Signature>>

<<Date>>

+91 44-48582727

www.phantomsmartlabs.com

10/902, C3 - Iswarya Garden
2nd Street, Krishnaveni Nagar,
Medavakkam - 600100

Mr Vishnu Varthan, Student of Third B.E. CSE C Section, has been selected for six-month internship programme as “**Developer**” at Phantom Smart Solutions.

**CSE | CERTIFICATION ON PYTHON-DATA
STRUCTURES-MACHINE LEARNING****CERTIFICATE OF COMPLETION**

*This is to certify that KIRUTHICK R has completed certification on
PYTHON-DATA STRUCTURES-MACHINE LEARNING.*

*In recognition of your commitment to the course of study you are hereby
awarded this certificate.*

2020-08-23

Date



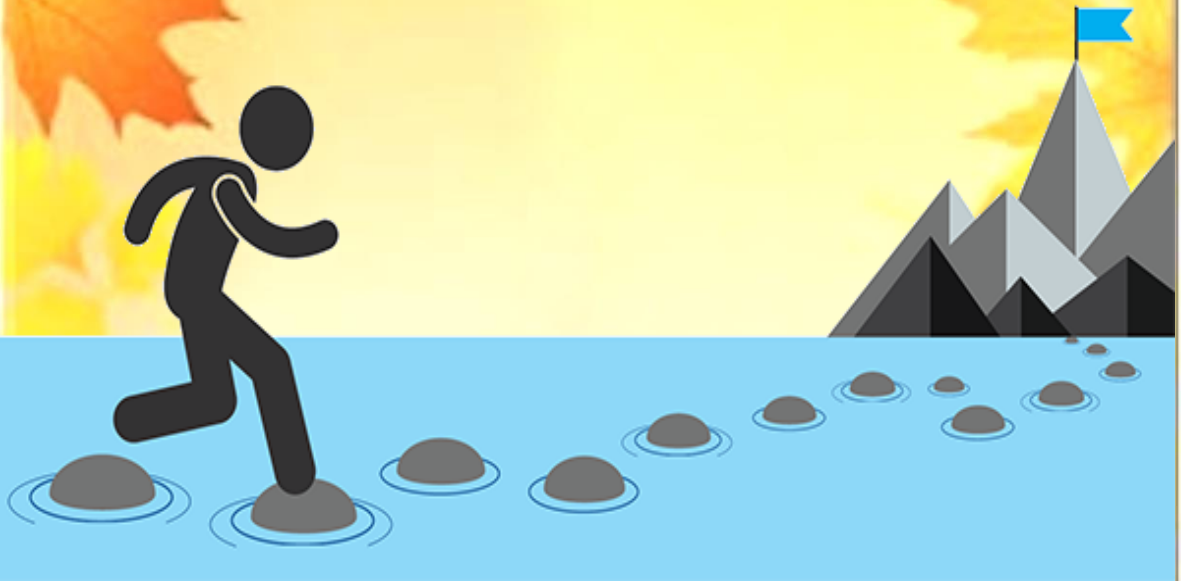
PERFECT PLAN B PRIVATE
LIMITED (Director- Ishan Sharma)

License no. U80902HR2019PTC082173

Mr Kiruthick R, Student of Third B.E. CSE B Section, completed a course on “**Python-data Structures - Machine Learning**” offered by Perfect Plan B Private Limited on 23 August 2020.

SPECIAL EDITION - 14

FACULTY PARTICIPATIONS



@skctdigest



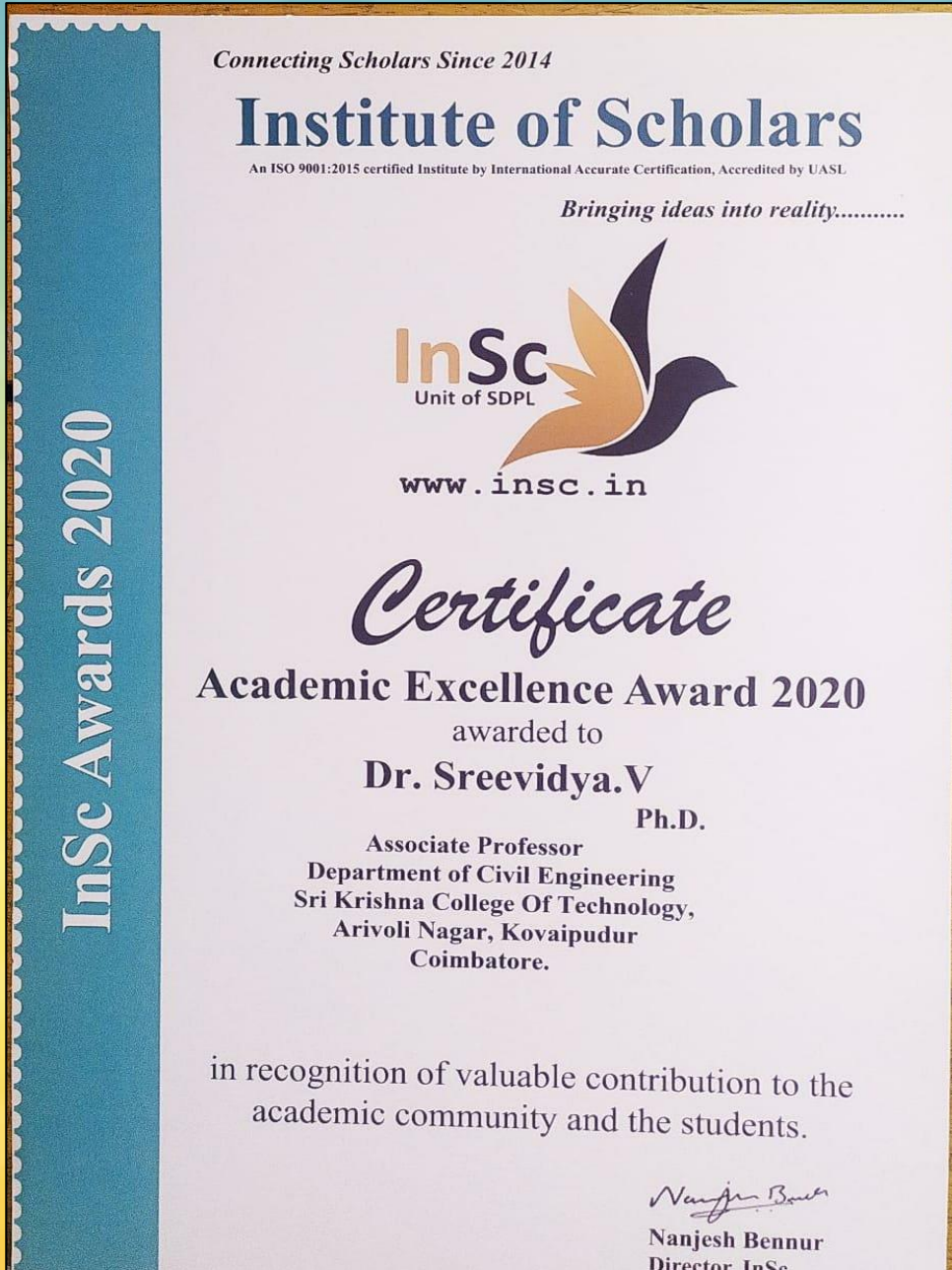
@skctofficial



digestfeedback@skct.edu.in



CIVIL | FACULTY ACHIEVEMENT | INSC ACADEMIC EXCELLENCE AWARD



Dr. V. Sreevidya
Associate
Professor
Dept. of Civil
Engineering



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, has been honoured with “**Academic Excellence Award 2020**” for her valuable contribution in Research by Institute of Scholars.

MECH | FACULTY ACHIEVEMENTS | NPTEL MENTOR APPRECIATION CERTIFICATE

NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING
A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE

NPTEL

Letter of Appreciation

This letter of appreciation is awarded to **PRINCE M, SRI KRISHNA COLLEGE OF TECHNOLOGY** for his/her efforts in mentoring **6** students for the NPTEL course **Engineering Mechanics - Statics and Dynamics** during the semester Jan-Apr 2020.

The performance of the mentees who registered for the exams(s) in this course is given below:

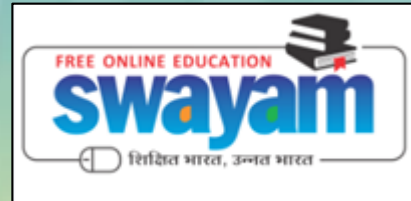
Mentees Registered	Mentees Assignment Score				
	M<40	40-M<60	60-M<75	70-M<90	M>90
6	-	-	1	2	3

Note:
The students who scored more than 40 in Assignments have been issued a Modified Pass Certificate based on the Assignment scores (per NPTEL criteria), since examinations for the Jan-Apr 2020 semester were not conducted due to COVID -19 IMPACT.

The mentorship points are calculated as:
 $M = 0.1 * \text{Registered mentees (Cap of 10)} + 1 * \text{Number of mentees with score 40-60} + 2 * \text{Number of mentees with score 60-75} + 5 * \text{Number of mentees with score 75-90} + 8 * \text{Number of mentees with score >90}$

Prof. Andrew Thangaraj
NPTEL Co-Ordinator

NPTEL Office, IC & SR Building (3rd Floor), IIT Madras, Chennai 600 036 | Tel: +91 44 2257 5905, +91 44 2257 5906
E-Mail: support@npTEL.iitm.ac.in | Web URL: https://npTEL.ac.in/



NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING
A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE

NPTEL

Letter of Appreciation

This letter of appreciation is awarded to **PRINCE M, SRI KRISHNA COLLEGE OF TECHNOLOGY** for his/her efforts in mentoring **3** students for the NPTEL course **Principles of Casting Technology** during the semester Jan-Apr 2020.

The performance of the mentees who registered for the exams(s) in this course is given below:

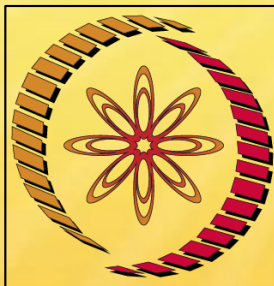
Mentees Registered	Mentees Assignment Score				
	M<40	40-M<60	60-M<75	70-M<90	M>90
3	-	-	-	-	3

Note:
The students who scored more than 40 in Assignments have been issued a Modified Pass Certificate based on the Assignment scores (per NPTEL criteria), since examinations for the Jan-Apr 2020 semester were not conducted due to COVID -19 IMPACT.

The mentorship points are calculated as:
 $M = 0.1 * \text{Registered mentees (Cap of 10)} + 1 * \text{Number of mentees with score 40-60} + 2 * \text{Number of mentees with score 60-75} + 5 * \text{Number of mentees with score 75-90} + 8 * \text{Number of mentees with score >90}$

Prof. Andrew Thangaraj
NPTEL Co-Ordinator

NPTEL Office, IC & SR Building (3rd Floor), IIT Madras, Chennai 600 036 | Tel: +91 44 2257 5905, +91 44 2257 5906
E-Mail: support@npTEL.iitm.ac.in | Web URL: https://npTEL.ac.in/



Dr M Prince, Professor, Dept. of Mechanical Engineering, received a **“Letter of Appreciation”** from NPTEL for his efforts in mentoring the students for NPTEL courses on **“Engineering Mechanics – Statics and Dynamics”** and **“Principles of Casting Technology”** during January–April 2020.

IT | FACULTY CERTIFICATION | ANDROID APP COMPONENTS – SERVICES, LOCAL IPC AND CONTENT PROVIDERS



Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed an online certification course on **“Android App Components – Services, Local IPC and Content Providers”** authorised by Vanderbilt University and offered through Coursera on 22 August 2020.

IT | FACULTY PARTICIPATION | DATA SCIENCE AND ITS APPLICATIONS

Ms V Roopa, Asst. Professor, Dept. of IT, participated in a one-day National Level Power Seminar on **“Data Science and its Applications”** organised by Tuljaram Chaturchand College, Maharashtra on 11 July 2020.



**IT | FACULTY CERTIFICATION | CAPSTONE:
RETRIEVING, PROCESSING AND VISUALIZING DATA
WITH PYTHON**



Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed an online certification course on **“Capstone: Retrieving, Processing and Visualizing Data with Python”** authorised by University of Michigan and offered through Coursera on 27 August 2020.

CSE | FACULTY CERTIFICATION ON INTERNET OF THINGS: COMMUNICATION TECHNOLOGIES



Ms G Sandhya, Asst. Professor, Dept. of CSE, completed an online non-credit course on **“Internet of Things: Communication Technologies”** authorised by University of California San Diego and offered through Coursera on 25 August 2020.

CIVIL | FACULTY CERTIFICATION | COURSERA



Ms Dharsana S, Asst. Professor, Dept. of Civil Engineering, completed an online certification course on “**Positive Psychiatry and Mental Health**” authorised by The University of Sydney and offered through Coursera on 28 August 2020.

SPECIAL EDITION - 14

PUBLICATIONS



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

*Stay
Home
Stay
Safe*



CIVIL | PAPER PUBLICATIONS | TAYLOR & FRANCIS

EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING
<https://doi.org/10.1080/19648189.2020.1767696>
 Taylor & Francis
Taylor & Francis Group

 Check for updates

Improvements in mechanical and durability parameters of bio-engineered concrete with metakaolin as a partial substitute for cement

Vighnesh Rameshkumar^a, S. Prabhath Ranjan Kumar^a, V. Poornima^b, R. Venkatasubramani^c and V. Sreevidya^d

^aDepartment of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India; ^bDepartment of Civil Engineering, Amrita School of Engineering, Amrita University, Amritanagar, Ettimadai, Coimbatore, Tamilnadu, India; ^cDepartment of Civil Engineering, Dr. Mahalingam College of Engineering and Technology, Pollachi, Coimbatore, Tamilnadu, India; ^dDepartment of Civil Engineering, Sri Krishna College of Technology, Coimbatore, Tamilnadu, India

ABSTRACT

One of the most important material used in the construction industry is concrete. Adaptability with steel also provides the necessary tensile strength for constructing towering structures. However, concrete is susceptible to shrinkage during the curing process which produces micro cracks. These tiny fissures provide gateways to fluids for entering into concrete. The fluids undergo various reactions under favorable conditions inside concrete reducing the pH of concrete core, making the reinforcing bars vulnerable to corrosion. This presents serious durability issues for the whole structure and bio-concrete is a solution for the same. Various studies have dealt with usages of bacillus bacteria and metakaolin to improve some parameters in concrete. Bacteria produces calcium carbonate (calcite) by urea-calcium chloride reactions inside concrete thereby reducing the threat of fluid penetration. Previous works that metakaolin reacts with calcium hydroxide (responsible for durability issues) produces secondary cementitious products, increasing the density of concrete. This study examines the usage of *Bacillus megaterium* MTCC 3353 in concrete with metakaolin as partial substitution for cement. It was found that the strength and durability properties exhibited by bio-concrete were overall satisfactory compared to ordinary concrete. The calcite precipitation due to the bacterial action was studied through microstructure analysis by SEM and XRD.

ARTICLE HISTORY

Received 23 January 2019
Accepted 6 May 2020

KEYWORDS

Strength and durability properties; microstructure analysis; calcite precipitation; superplasticizers; metakaolin

1. Introduction

Concrete is probably the most common entity used in the construction industry because of its many advantages. The concrete gains strength through the various reactions of cement and water (hydration process). However, these reactions are exothermic and release a lot of heat adding to the GHG (Green House Gases) (Anto Edison James et al., 2015). In addition, the curing process leads to various micro cracking on the concrete surface. Although, these cracks are tiny, these provide a path for fluids to enter the core of concrete reducing the pH of concrete from alkaline to acid, which disrupts the function of concrete and its underlying reinforcement (Shetty, 1982). In order to evade such compli

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, published a paper titled “Improvements in Mechanical and Durability Parameters of Bio-engineered Concrete with Metakaolin as Partial Substitute Cement” in European Journal of Environmental and Civil Engineering (SCI Journal).

SPECIAL EDITION - 14

NEW VISTAS OF LEARNING



@skctdigest



@skctofficial



digestfeedback@skct.edu.in



**CIVIL | WEBINAR ON HOUSING FOR ALL-
 AFFORDABLE AND RENTAL HOUSING THE WAY
 FORWARD**



Online National Summit
HOUSING FOR ALL
-AFFORDABLE AND RENTAL HOUSING: THE WAY FORWARD-
 Date: August 26, 2020- Time: 3.00 P.M. to 5.30 P.M.





Shri D S Mishra
 Secretary
 Ministry of Housing and Urban
 Affairs, Govt. of India



Dr. Niranjan Hiranandani
 President, ASSOCHAM
 Founder & Managing Director
 Hiranandani Group of Companies

Supported by







Shri Anthony De Sa
 Chairman
 Madhya Pradesh, RERA



Shri Ranvith Vatsani
 Chairman
 Andhra Pradesh, RERA



Shri Anelli Ashfaq
 Joint Secretary
 Ministry of Housing and Urban
 Affairs, Govt. of India



Shri Ravi Aggarwal
 Co-Founder &
 Managing Director
 Signature Global
 Group



Dr. Neha Berlia
 Co-Chairperson
 National Council on Real
 Estate & Housing,
 ASSOCHAM &
 Co-Premier
 Apnejay Stays & Suran Gm

Supported by







Shri Ravindra Pratap Singh
 Chairman-Ravi Burya Group
 President- Rajasthan Affordable
 Housing Developers Association
 (RAHADA)



Shri Anuj Puri
 Chairman
 Anarock Property
 Consultants Pvt Ltd



Shri Najeeb Khan
 Country Head-India and
 Design Head-Middle East &
 Asia
 KATERIA



CA Himanshu Goyal
 Partner
 Ramonand Goyal &
 Company

Ms Dharsana S, Asst. Professor, Dept. of Civil Engineering, attended an online webinar on **“Housing For All - Affordable and Rental Housing the Way Forward”** organised by ASSOCHAM on 26 August 2020.

ECE | WEBINAR ON SMART MANUFACTURING AND ITS INSIGHT



Ms Yamini Shanmugam, Asst. Professor, Dept. of ECE, attended a webinar on **“Smart Manufacturing and its Insight”** organised by Sri Eshwar College of Engineering, Coimbatore on 24 August 2020.

ECE | WEBINAR ON HOW PASSIONATE DEVELOPERS BUILT ZOHO INTO A WORLD CLASS IT PRODUCT GIANT

Ms Yamini Shanmugam, Asst. Professor, Dept. of ECE, attended a webinar on **“How Passionate Developers Built ZOHO into a World Class IT Product Giant”** organised by Sri Eshwar College of Engineering, Coimbatore on 21 August 2020.



ECE | WEBINAR ON USE OF LMS, VIRTUAL TEACHING AND OBE SOFTWARE FOR ENGINEERING COLLEGES



Dr S Malathy, Professor, Dr Senoj Joseph, Assoc. Professor and Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE, attended a webinar on **“Use of LMS, Virtual Teaching and OBE Software for Engineering Colleges”** organised by Vmedulife Software Services on 20 August 2020.

ECE | WEBINAR ON SOLAR ASTRONOMY WITH FORTHCOMING ADITYA L1 MISSION



Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a webinar on **“Solar Astronomy with Forthcoming ADITYA L1 Mission”** organised by Mysore Astronomical Society on 23 August 2020.

ECE | WEBINAR ON SUBSTRATE INTEGRATED CIRCUITS – MICROWAVE AND MILLIMETRE WAVE APPLICATIONS



Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a webinar on **"Substrate Integrated Circuits – Microwave and Millimetre Wave Applications"** organised by IEEE Microwave Theory & Techniques Society Student Branch Chapter, IIT (BHU), Varanasi on 22 August 2020.

ECE | WEBINAR ON IoT SUSTAINABLE DEVELOPMENT

Dr K Sumathi, Professor , Dept. of ECE, attended a webinar on **"IoT Sustainable Development"** organised by Amrita School of Engineering, Bangalore on 14 August 2020.

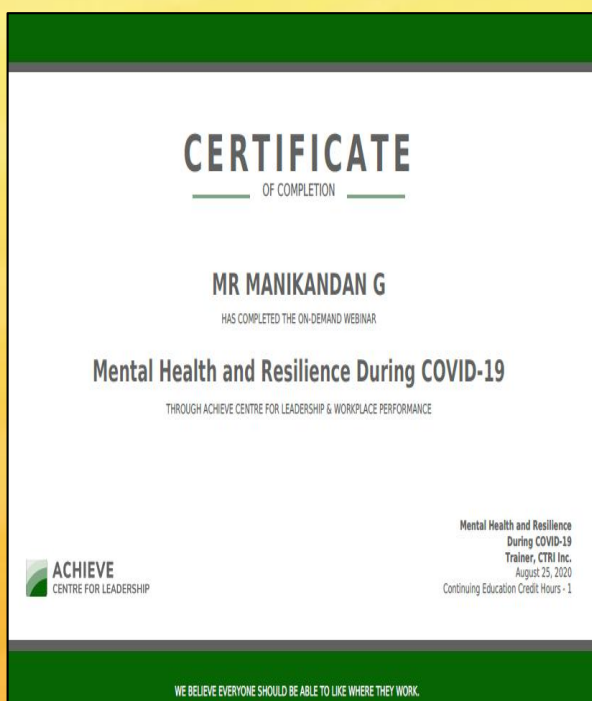


ECE | WEBINAR ON MODERNIZING LEGACY APPLICATIONS

Dr K Sumathi, Professor, Dept. of ECE, attended a webinar on **“Modernizing Legacy Applications”** organised by Sri Eshwar College of Engineering, Coimbatore on 20 August 2020.



CIVIL | WEBINAR ON MENTAL HEALTH AND RESILIENCE DURING COVID-19



Mr Manikandan G, Asst. Professor, Dept. of Civil Engineering, attended an online webinar on **“Mental Health and Resilience during COVID-19”** organised by ACHIEVE – Centre for Leadership on 25 August 2020.

EEE | WEBINAR ON IoT FOR SUSTAINABLE DEVELOPMENT



Amrita School of
Engineering,
Bangalore Campus.



Certificate Of Participation

This is presented to

Bharani Prakash T

for attending a webinar on "IOT for Sustainable Development" on 14 th August 2020, organised by Department of Electrical and Electronics Engineering of Amrita School of Engineering, Bangalore.

Dr. Anand R
Coordinator,
Assistant Professor,EEE Dept
ASE,Bangalore.

Dr. Mini Sujith
Vice Chairperson,
EEE Dept,
ASE,Bangalore.

Dr. Sriram Devanathan
Chairperson,
EEE Dept,
ASE,Bangalore.

Mr T Bharani Prakash, Asst. Professor, Dept. of EEE, attended a webinar on **"IoT for Sustainable Development"** organised by the Dept. of EEE, Amrita School of Engineering, Bangalore on 14 August 2020.

CIVIL | WEBINAR ON MINDFUL LEADERSHIP



Mr Manikandan G, Asst. Professor, Dept. of Civil Engineering, attended an online webinar on “**Mindful Leadership**” organised by ACHIEVE – Centre for Leadership on 24 August 2020.

MECH | WEBINAR ON DATA SCIENCE & AI FOR MECHANICAL ENGINEERS

Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, attended a webinar on “**Data Science & AI for Mechanical Engineers**” organised by Elite Techno Groups on 16 August 2020.



MECH | WEBINAR ON EMERGING AREAS FOR FUNDING OPPORTUNITIES



Mr P Arun Karthick, Mr P Sivaraman, Mr S Vinodh Kumar and Mr K S Raghul, Asst. Professors, Dept. of Mechanical Engineering, attended a webinar on **"Emerging Areas for Funding Opportunities – Relevant to the Industrial Sector"** organised by Bannari Amman Institute of Technology, Sathyamangalam on 27 August 2020.

**CSE | WEBINAR ON NATIONAL EDUCATION POLICY
2020 - KNOWLEDGE SERIES TRANSFORMING
HIGHER EDUCATION : STRUCTURE AND
PROCESSES**



Ms Viraja Ravi, Asst. Professor, Dept. of CSE, attended a webinar on “National Education Policy 2020 - Knowledge Series Transforming Higher Education : Structure and Processes” organised by ASSOCHAM India on 27 August 2020.

SPECIAL EDITION - 14

FDPs ATTENDED



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

*Stay
Home
Stay
Safe*



MECH | FDP ON POWDER METALLURGY TECHNOLOGIES FOR 3D PRINTING

MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI (Autonomous)



DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that
Dr. R SRINIVASAN,
Professor / MECH
of



Sri Krishna College of Technology, Coimbatore

has participated in AICTE sponsored one Week Online STTP on

“POWDER METALLURGY TECHNOLOGIES FOR 3D PRINTING”

Organised by

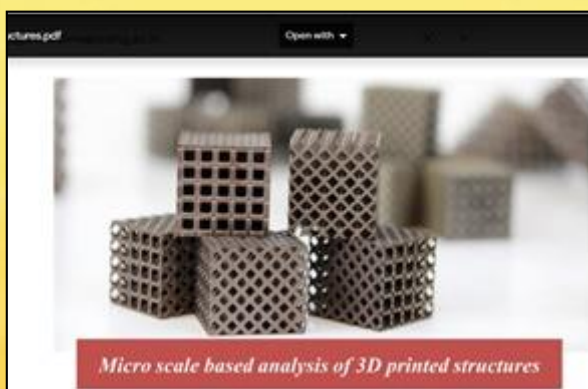
Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi

On 17th August to 22nd August, 2020

Dr.N.Selvakumar
Coordinator

Dr.P.Nagaraj
HoD/Mech.Engg.

Dr.S.Arivazhagan
Principal



Dr R Srinivasan , Professor, Dept. of Mechanical Engineering, attended a one-week online STTP on **“Powder Metallurgy Technologies for 3D Printing”** organised by Mepco Schlenk Engineering College, Sivakasi during 17-22 August 2020.

IT | FDP ON CYBER SECURITY

REC Dr. V. Ceronmani Sharmila Associate Professor - IT is presenting AS113_Kumaran... and 94 more 2:46 PM

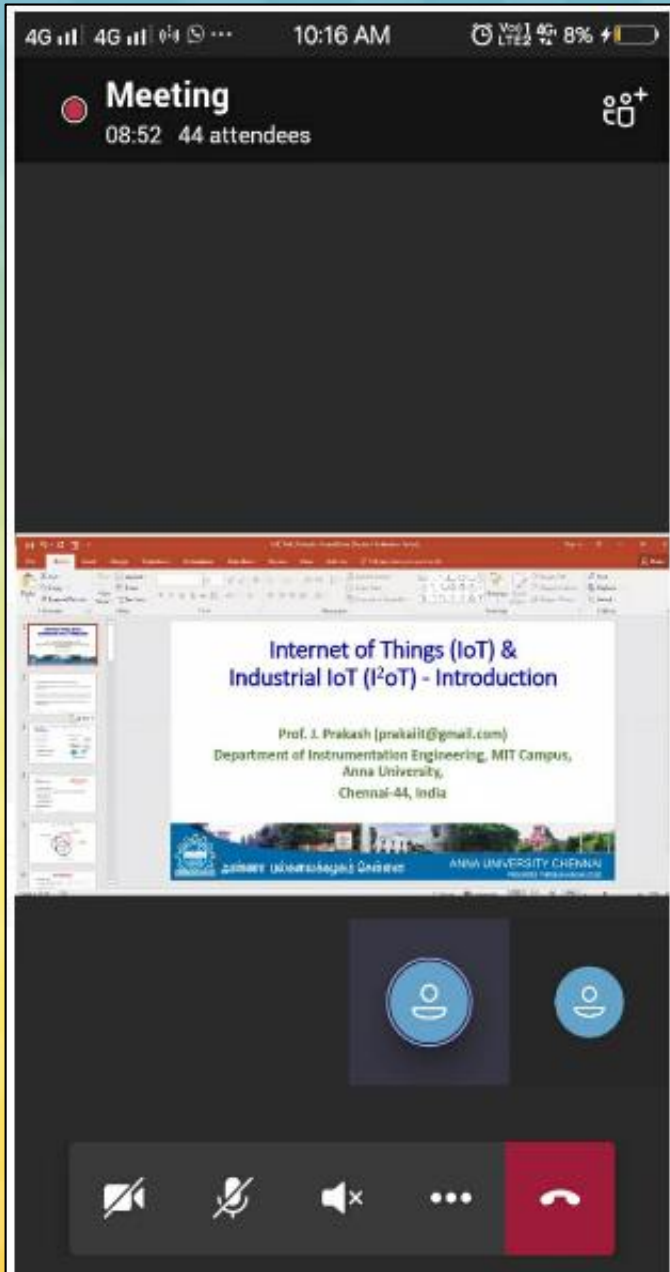
The screenshot shows the MITRE ATT&CK framework overview page. It features a grid of attack techniques categorized into 13 groups: Initial Access (9 techniques), Execution (18 techniques), Persistence (12 techniques), Privilege Escalation (34 techniques), Defense Evasion (14 techniques), Credential Access (24 techniques), Discovery (9 techniques), Lateral Movement (16 techniques), Collection (15 techniques), Command and Control (9 techniques), and Impact (13 techniques). Each category lists specific techniques with their IDs and brief descriptions.

REC Dr. V. Ceronmani Sharmila Associate Professor - IT is presenting AS120_Anupriya Rajk... and 93 more 2:47 PM

The screenshot shows the MITRE ATT&CK framework page for the 'Brute Force: Password Guessing' technique (ID: T1110.001). The page includes a description of the technique, its platforms (AWS, Azure, GCP, Linux, Office 365, SaaS, Windows, macOS), permissions required (User), data sources (Authentication logs, Office 365 account logs), contributors (Microsoft Threat Intelligence Center (MSTIC)), version (1.0), creation date (11 February 2020), and last modified date (29 March 2020). A sidebar on the left lists other techniques under the 'Brute Force' category.

Ms S Madumidha, Asst. Professor, Dept. of IT, attended a five-day AICTE Training and Learning ATAL Academy Sponsored Faculty Development Programme on "Cyber Security" organised by St. Joseph's College of Engineering, Chennai during 24-28 August 2020.

IT | STTP ON IoT FOR HEALTH CARE



Ms Sindhumeena, Asst. Professor, Dept. of IT, has been attending a one-week STTP on **“IoT for Health Care”** organised by Dr Mahalingam College of Engineering and Technology, Pollachi during 24-29 August 2020.

IT | STTP ON INTERNET OF THINGS (EVERYTHING) - FUTURE

Department of Computer science and Engineering
 AICTE Sponsored ONE WEEK SHORT TERM TRAINING PROGRAMME
 On Internet of Things (Everything)-Future
 Date: 24-08-2020 to 29-08-2020 – SLOT I

SCHEDULE AND RESOURCE PERSON DETAILS

DATE	SESSION – I (9.30AM–11AM)		SESSION – II (11.30 AM – 1PM)	SESSION-III (2 PM - 3.30PM)
24-08-2020 (Mon)	9:30 AM -10:00 AM Instructions, Login check and setting up the context for the STTP.	10:00 AM - 11:15 AM Inauguration & Introduction to Internet of Things Chief Guest: Mr.Amirtha Swamy, Founder & CMD – Theju Technologies, Bangalore.	Topic: Introduction to Internet of Things and Architecture Speaker: Dr.V.Muthu Priya, Assistant Professor (SL.Gr.), B.S.Abdur Rahman Crescent Institute of Science and Technology	Topic: Sensors, actuators & Interfacing Speaker: Dr.Malleswaran, Professor & Head incharge, ECE Department, Anna University, Kancheepuram



Dr R Kanmani, Assoc. Professor, Dept. of IT, has been attending a one-week STTP on “**Internet of Things (Everything) - Future**” organised by B S Abdur Rahman Crescent Institute of Science and Technology, Chennai during 24-29 August 2020.

CIVIL | FDP ON RECYCLING OF CONSTRUCTION DEMOLITION WASTE

Dr V Sreevidya, Assoc. Professor
Dept. of Civil Engineering,
attended an FDP on **“Recycling
of Construction Demolition
Waste”** organised by SRM
Institute of Science and
Technology, Chennai during 05-
07 August 2020.

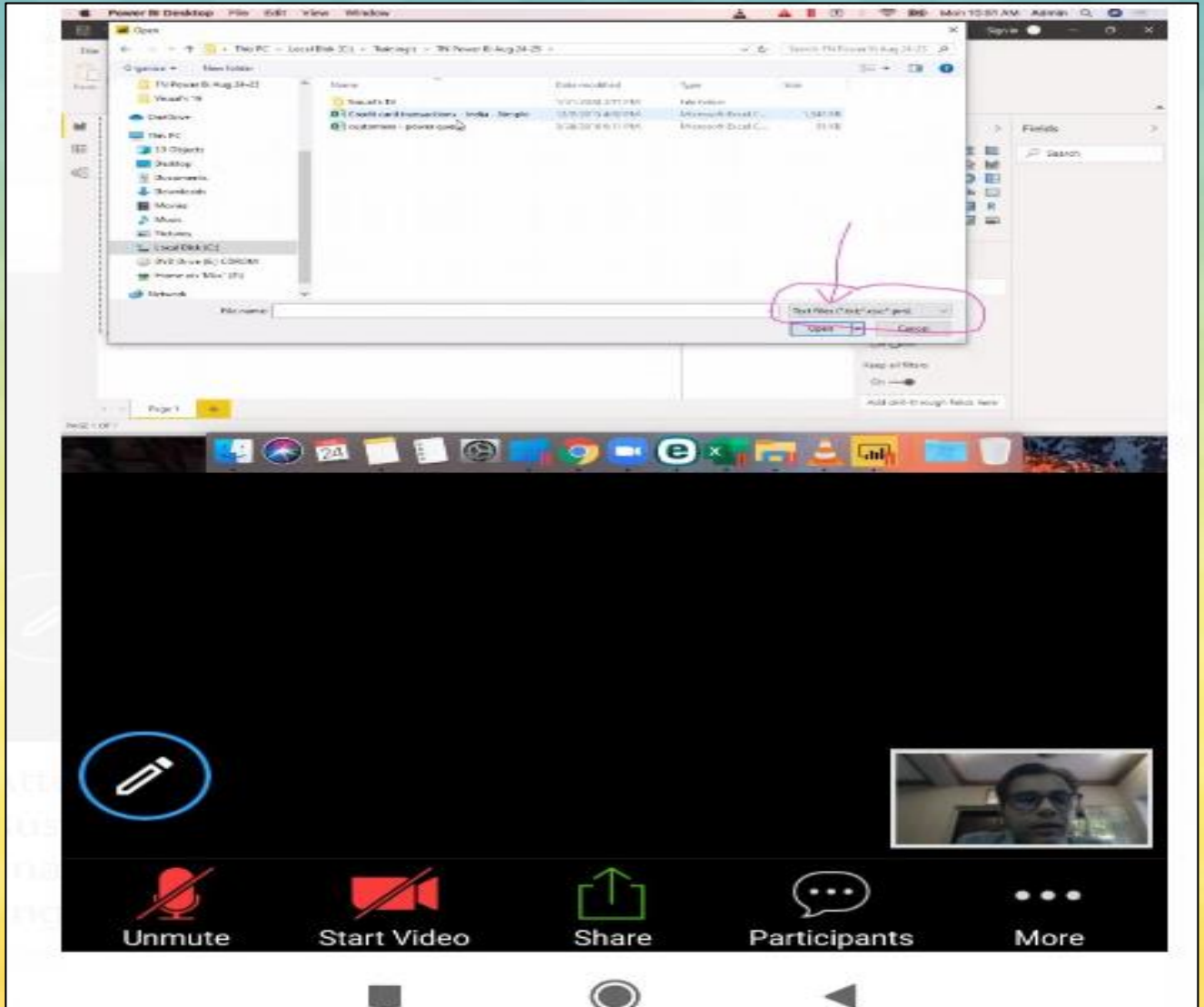


CIVIL | FDP ON AUTHOR'S CONCLAVE

Dr V Sreevidya, Assoc. Professor,
Dept. of Civil Engineering,
attended an FDP on **“Author’s
Conclave”** organised by SRM
Institute of Science and
Technology, Chennai during 11-
17 August 2020.



IT | STTP ON POWER BI - AN INSIGHT INTO BUSINESS INTELLIGENCE, VISUALIZATION AND DATA ANALYTICS



Ms Alaguvathana, Asst. Professor, Dept. of IT, has been attending a one-week STTP on “**Power BI - An Insight into Business Intelligence, Visualization and Data Analytics**” organised by TamilNadu College of Engineering, Coimbatore during 24-29 August 2020.

EEE | FDP ON HIGH IMPACT TEACHING SKILLS AND MIND MAPPING FOR BETTER TEACHING



MANIPAL
ACADEMY of HIGHER EDUCATION

(Deemed to be University under Section 3 of the UGC Act, 1956)

DEPARTMENT OF COMMERCE

(BBA/B.COM/M.COM/M.SC/M.A/PGD/IPM & PH.D PROGRAMMES)

Certificate of Participation

This is to certify that

Leninpugalhanthi P , Sri Krishna College of Technology
has participated in

"TWO-DAY INTERNATIONAL FDP ON 'HIGH IMPACT TEACHING SKILLS AND MIND MAPPING FOR BETTER TEACHING'"

held on 19th and 20th August 2020

Organised by International Centre for Business Studies (ICBS)
Department of Commerce, Manipal Academy of Higher Education,
Manipal

DR. EVERIL FERNANDES

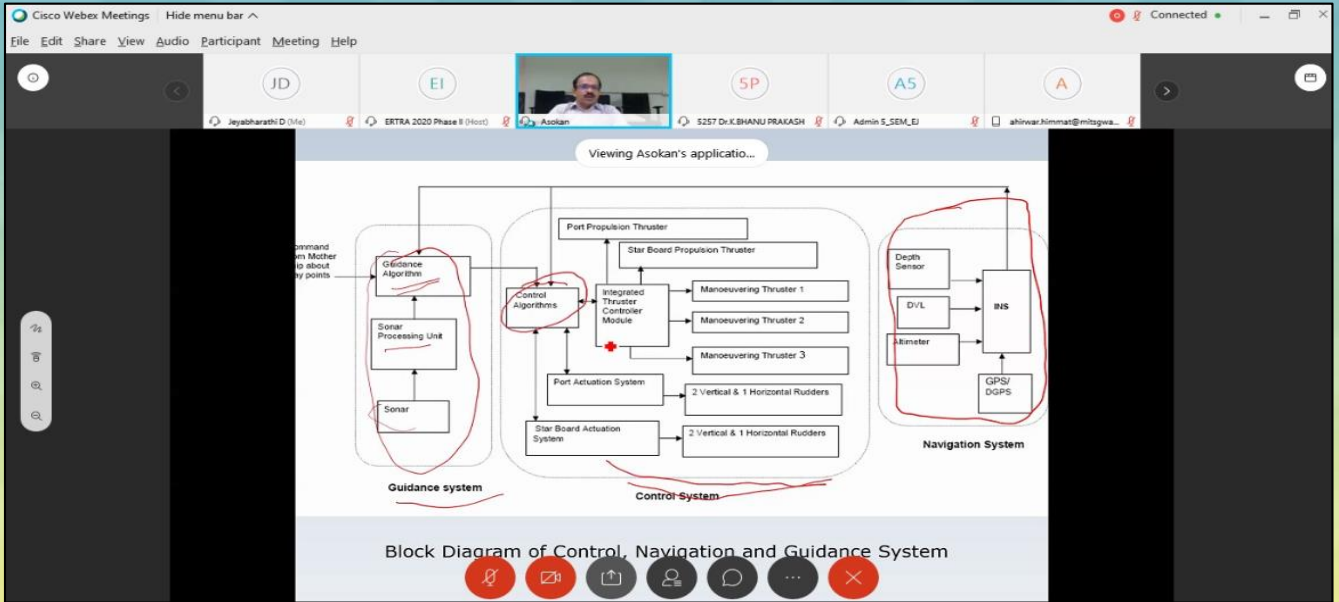
Coordinator
Assistant Professor
Department of Commerce,
MAHE

DR. SANDEEP S SHENOY

Convener
Head of the Department,
Department of Commerce,
MAHE

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, participated in a Two-day International FDP on “**High Impact Teaching Skills and Mind Mapping For Better Teaching**” organised by International Centre for Business Studies (ICBS), Dept. of Commerce, Manipal Academy of Higher Education, Manipal during 19-20 August 2020.

IT | STTP ON EMERGING RESEARCH TRENDS ON ROBOTICS AND ITS APPLICATIONS-PHASE II



Underwater Robot

A mobile robotic device designed and developed to work in underwater environment to accomplish specific tasks which are normally performed by human operators

Participants (58)

- Jeyabharathi D Me
- ERTRA 2020 Phase II Host
- Asokan
- 5257 Dr.K.BHANU PRAKASH
- Admin 5_SEM_EJ
- ahirwar.himmat@mitgwalior.in
- Allwyn Clarence Asis A
- Amarnath M
- Ananthi N
- ashis patra
- athilingam r
- Balagopalakrishnan R
- ck1979kannan

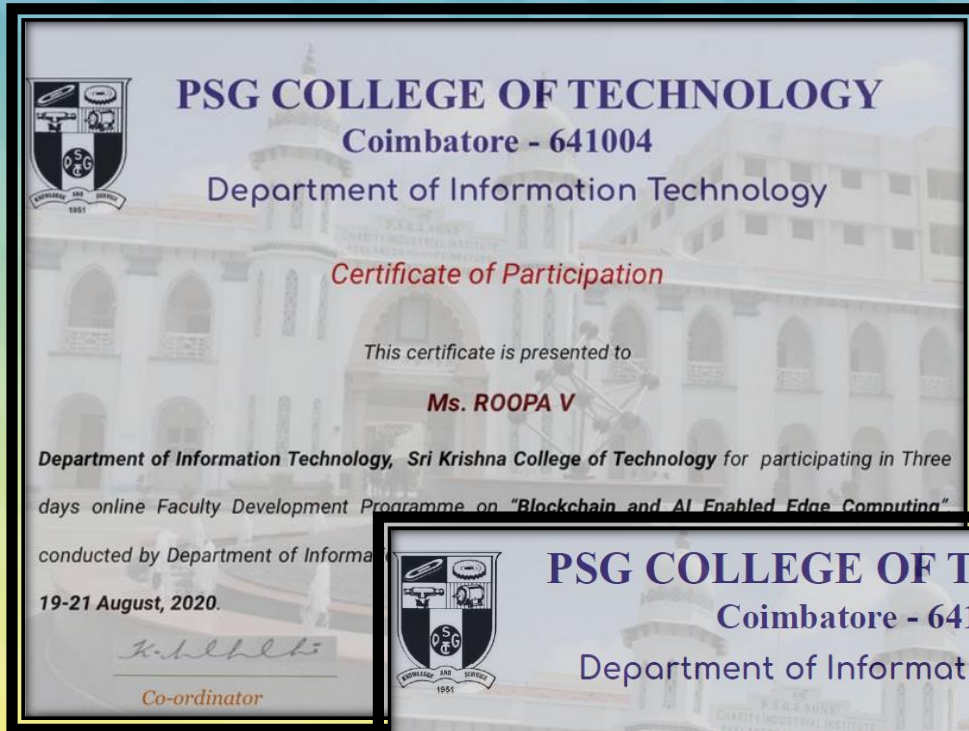
Dr D Jeyabharathi, Asst. Professor, Dept. of IT, has been attending a one-week STTP on “**Emerging Research Trends on Robotics and its Applications-Phase II**” organised by Mepco Schlenk Engineering College, Sivakasi during 24-29 August 2020.

**CSE | FACULTY DEVELOPMENT PROGRAM ON
PROCESS MANAGEMENT IN PROBLEM SOLVING
(ONLINE LIVE FDP)**



Ms G Sandhya, Asst. Professor, Dept. of CSE, attended an FDP on “**Process Management in Problem Solving**” organised by ICT Academy during 18-22 August 2020.

IT | FDP ON BLOCKCHAIN AND AI ENABLED EDGE COMPUTING



Ms V Roopa and Ms P Alaguvathana, Asst. Professors, Dept. of IT, attended a Three-day Faculty Development Programme on “Blockchain and AI Enabled Edge Computing” organised by PSG College of Technology, Coimbatore during 19-21 August 2020.

IT | STTP ON FEDERATED IDENTITY MANAGEMENT SYSTEM: RESEARCH PERSPECTIVES

Certificate



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds Estd. 1998
An Autonomous Institution
(Since 2011)


Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University, Chennai; Approved by AICTE; Accredited by NAAC with Grade 'A++'
 Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, E&I and CSE)
 Udumalai Road, Pollachi - 642 003, Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in



Department of Computer Science and Engineering
AICTE Sponsored One Week Online Short Term Training Programme on
“Federated Identity Management System: Research Perspectives”


This is to certify that **Ms. Roopa V, Assistant Professor**.....of
Sri Krishna College of Technology.....has completed the AICTE Sponsored
 One Week Online Short Term Training Programme on **“Federated Identity Management System: Research Perspectives”**

Certificate



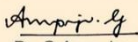
Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds Estd. 1998
An Autonomous Institution
(Since 2011)

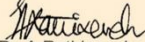
Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University, Chennai; Approved by AICTE; Accredited by NAAC with Grade 'A++'
 Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, E&I and CSE)
 Udumalai Road, Pollachi - 642 003, Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in




Department of Computer Science and Engineering
AICTE Sponsored One Week Online Short Term Training Programme on
“Federated Identity Management System: Research Perspectives”

This is to certify that **Ms. M. Malathi, Assistant Professor**.....of
Sri Krishna College of Technology.....has completed the AICTE Sponsored
 One Week Online Short Term Training Programme on **“Federated Identity Management System: Research Perspectives”**
 organised by Department of Computer Science and Engineering during 17th - 22nd August 2020.


 Dr. G. Anupriya
 STTP-Coordinator


 Dr. A. Rathinavelu
 Principal



Ms V Roopa and Ms M Malathi, Asst. Professors, Dept. of IT, attended a One-week AICTE Sponsored Short Term Training Programme on **“Federated Identity Management System: Research Perspectives”** organised by Dr Mahalingam College of Engineering and Technology, Pollachi during 17-22 August 2020.

IT | STTP ON RECENT ADVANCEMENTS IN INTERNET
OF THINGS FOR HEALTHCARE APPLICATIONS

MOUNT ZION
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE & Affiliated to Anna University, Chennai, Accredited by NAAC with B++ Grade)
Pudukkottai Dt - 622507, Tamil Nadu, India.



CERTIFICATE OF PARTICIPATION


This is to certify that

Ms. MADUMIDHA.S,
SRI KRISHNA COLLEGE OF TECHNOLOGY ,
COIMBATORE, TAMILNADU


has actively participated in the AICTE Sponsored One Week Online Short Term Training Programme on **“Recent Advancements in Internet of Things for Healthcare Applications”**

Conducted by

Department of Electronics and Communication Engineering,
From 10/08/2020 To 15/08/2020


Dr. S. Robinson,
HoD/ECE

Certificate No:
MZCET/ECE/2020/03/18


Dr. P. Balamurugan,
Principal

Ms S Madumidha, Asst. Professor, Dept. of IT, attended a One-week AICTE Sponsored Short Term Training Programme on **“Recent Advancements in Internet of Things for Healthcare Applications”** organised by Mount Zion College of Engineering and Technology, Pudukkottai during 10-15 August 2020.

SPECIAL EDITION - 14

CIA II | ONLINE MODE



@skctdigest



@skctofficial

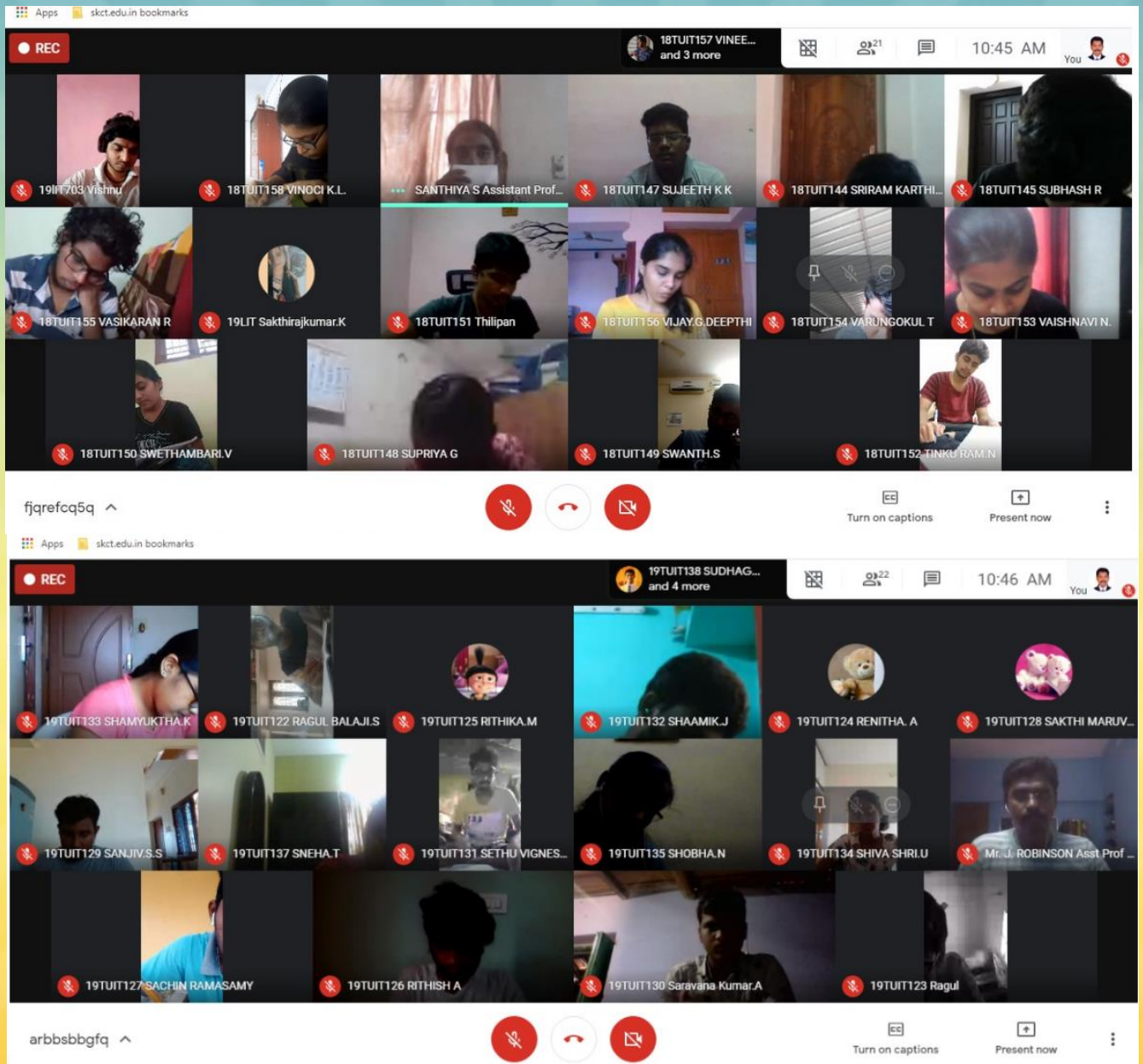


digestfeedback@skct.edu.in

*Stay
Home
Stay
Safe*

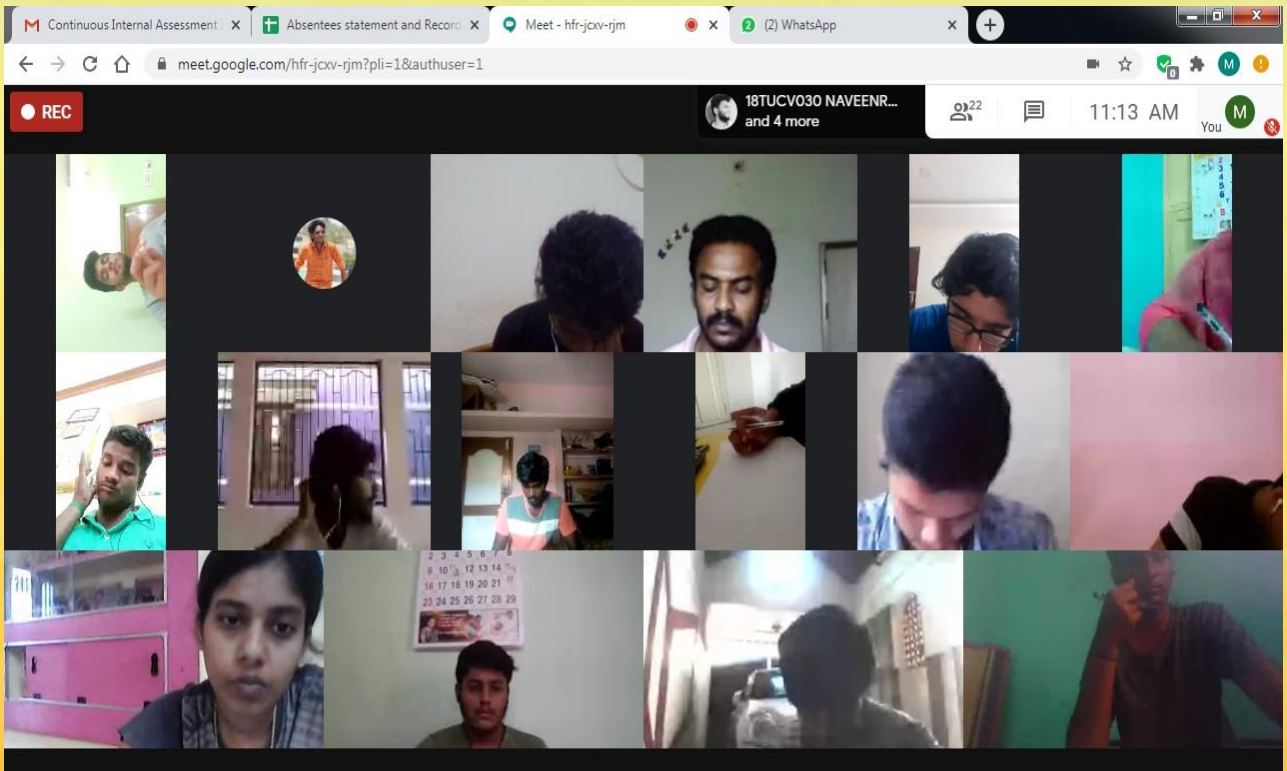
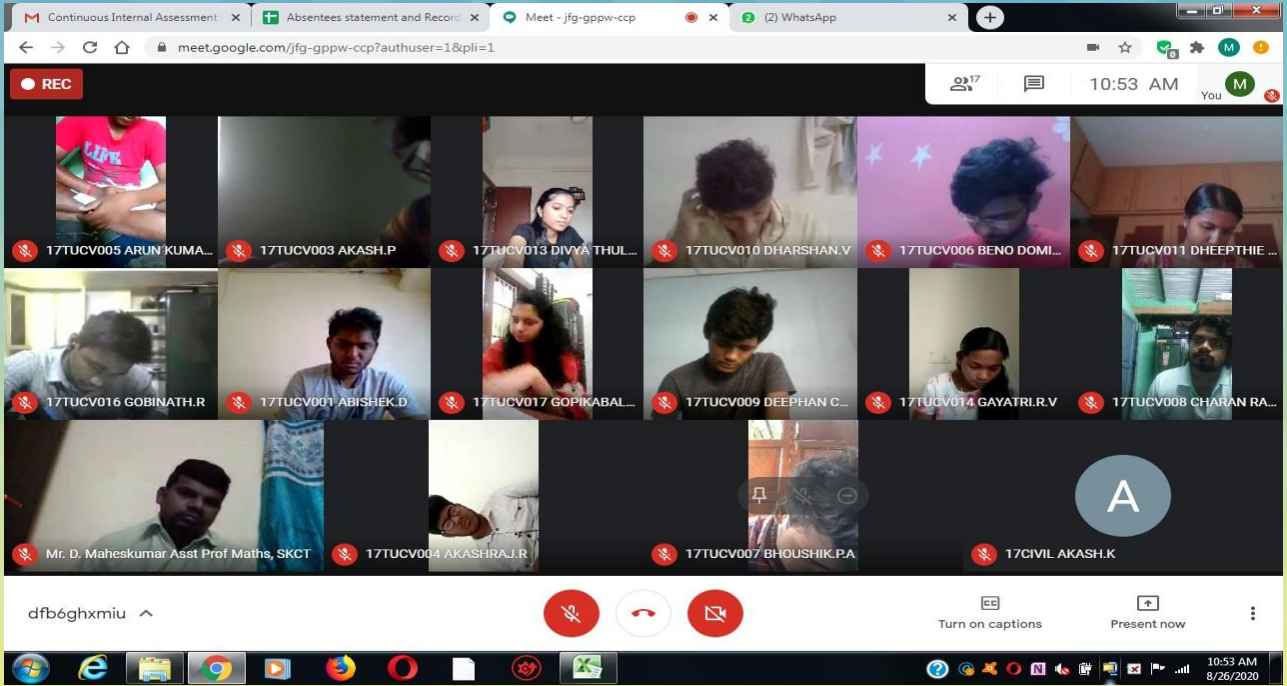


IT | CONTINUOUS INTERNAL ASSESSMENTS THROUGH LIVE ONLINE MODE



Students of Second, Third and Final B.Tech. IT has been attending the Continuous Internal Assessment - II during 26 August 2020-01 September 2020.

CIVIL | ONLINE CIA II



Students of Third and Final B.E. Civil has been attending the Continuous Internal Assessment – II.

SPECIAL EDITION - 14

MEETINGS & DISCUSSIONS



@skctdigest



@skctofficial

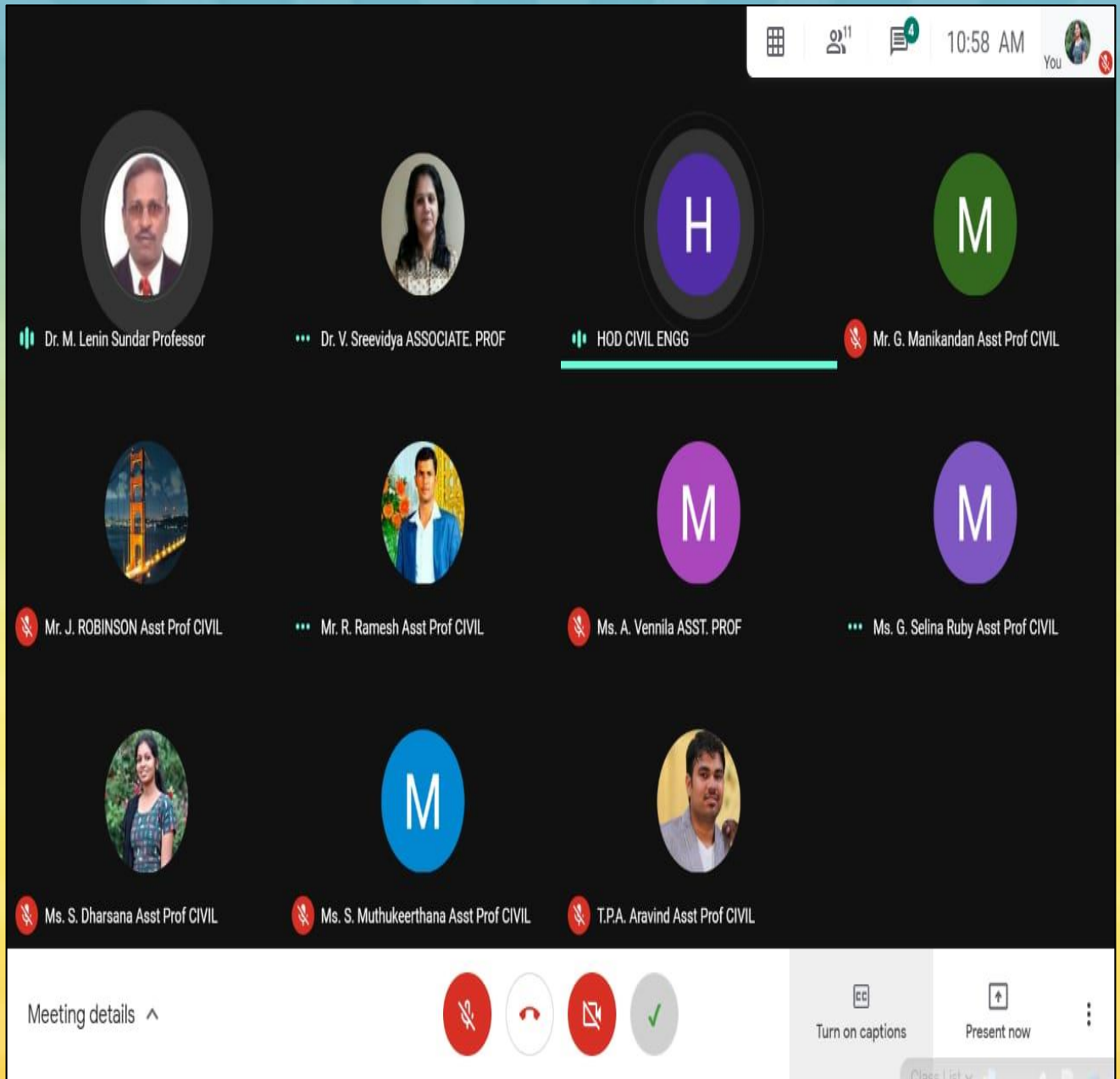


digestfeedback@skct.edu.in

*Stay
Home
Stay
Safe*

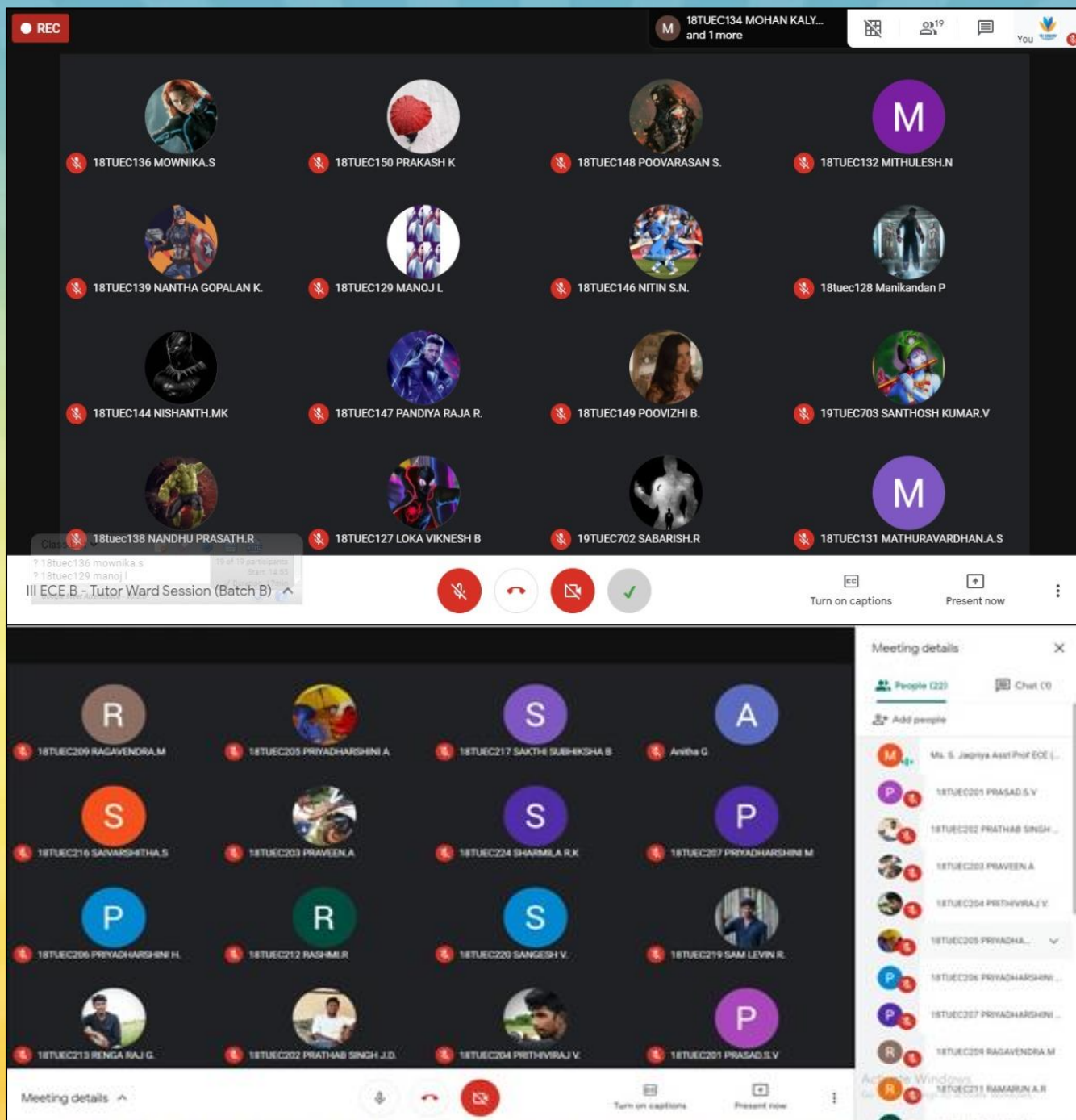


CIVIL | DEPARTMENT MEETING



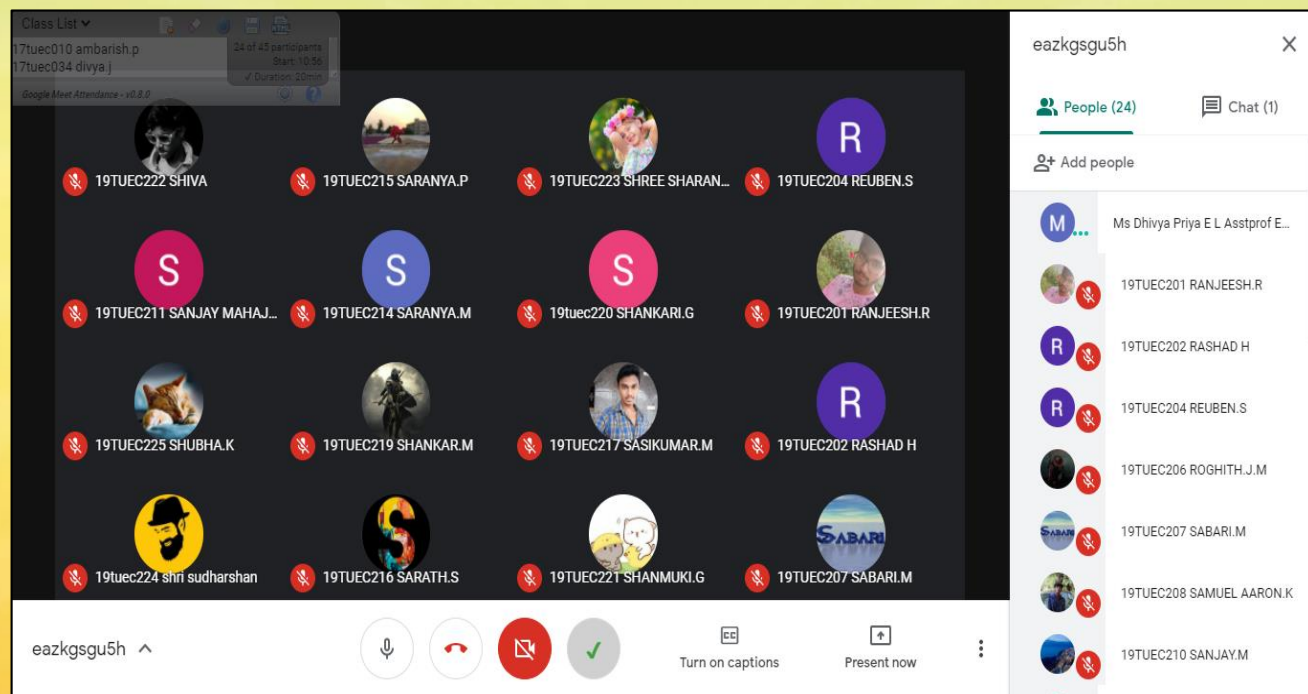
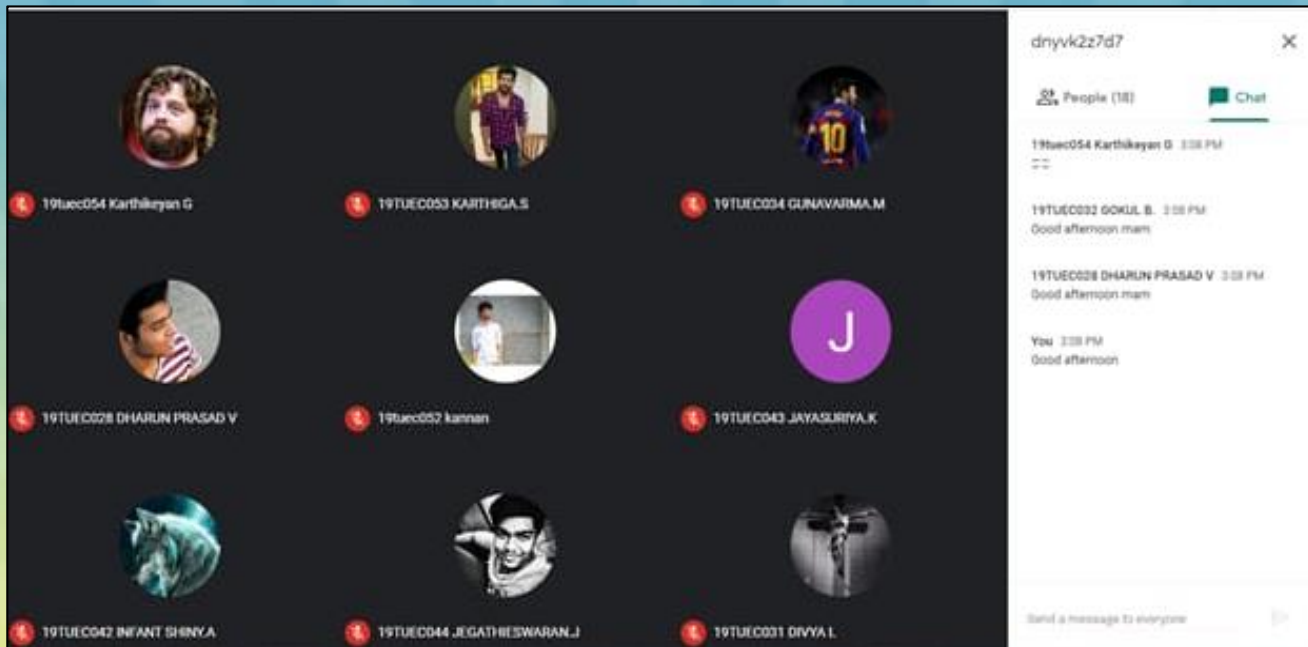
Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding the Progress of Academic Activities and Continuous Internal Assessment-II on 23 August 2020.

ECE | TUTOR WARD SESSION



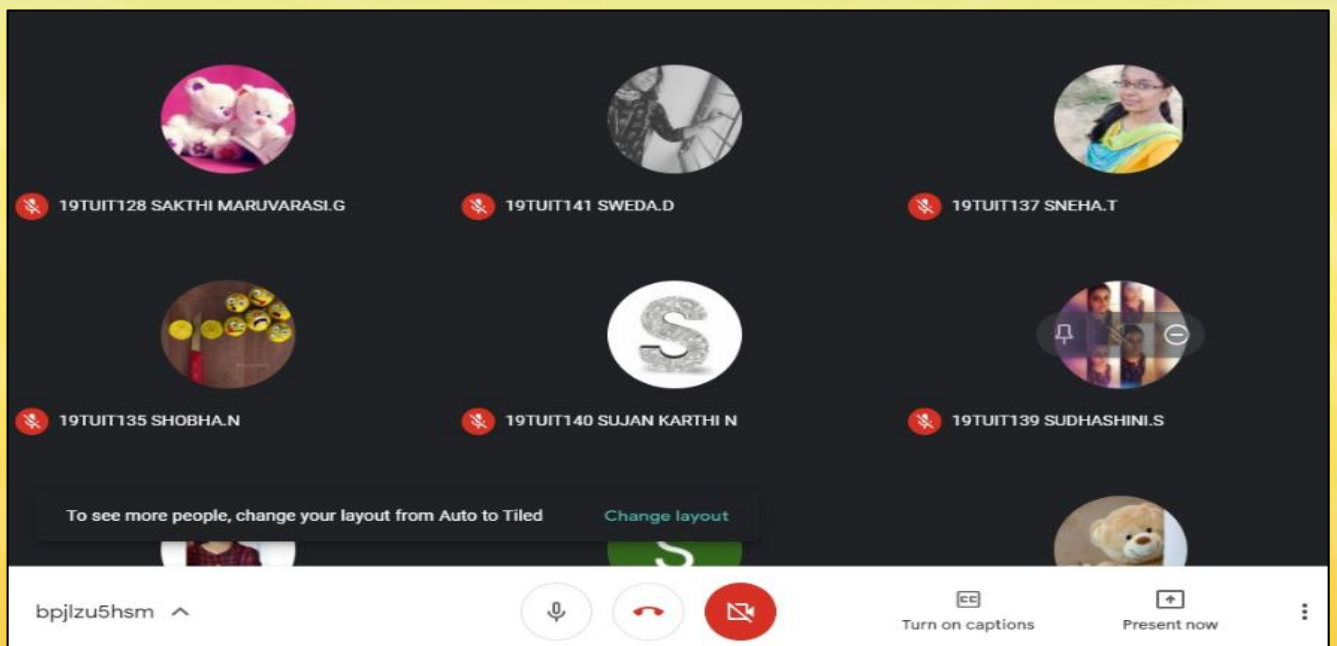
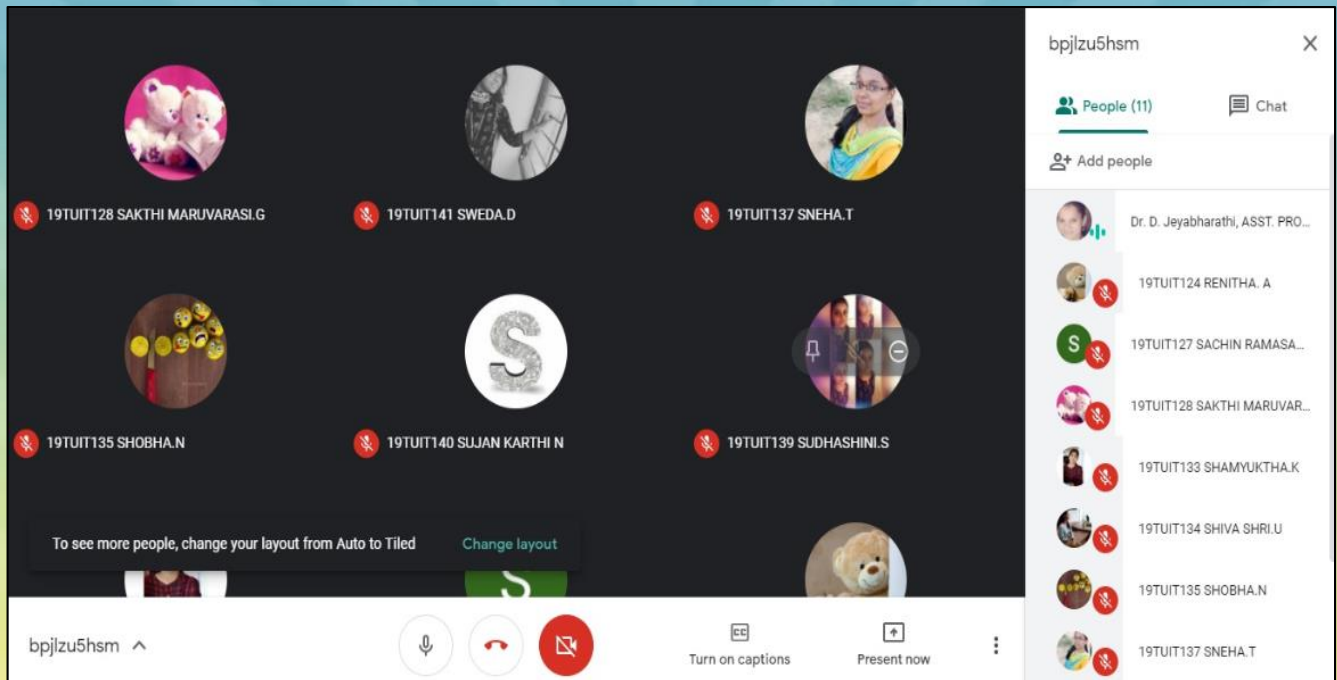
Tutors of Third B.E. ECE conducted a Tutor Ward Meeting with their respective wards regarding the Progress of Online Classes, Project Participation and Placement Training on 21 August 2020.

ECE | TUTOR WARD SESSION



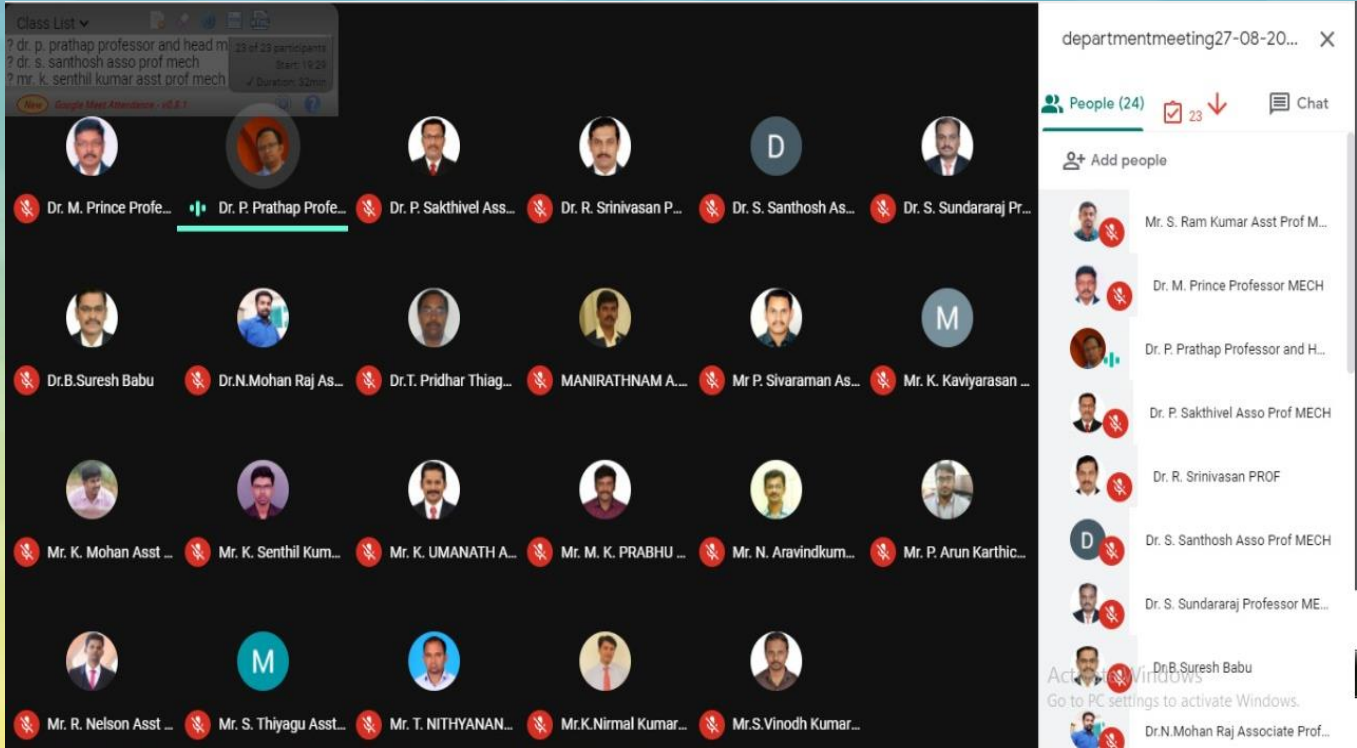
Tutors of Second B.E. ECE conducted a Tutor Ward Meeting with their respective wards regarding the Progress of Online Classes and Project Participation on 24 August 2020.

IT | TUTOR WARD SESSION



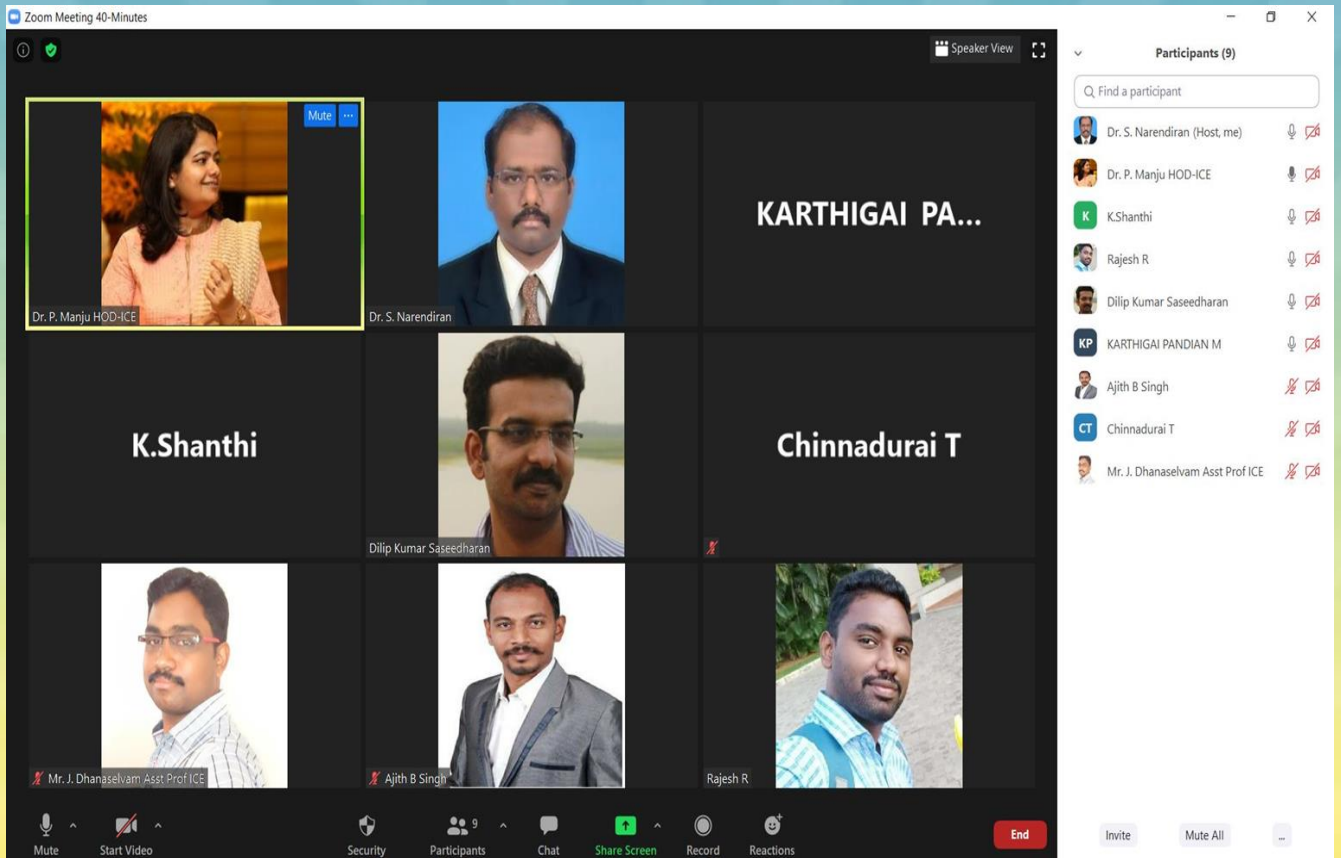
Tutors of Second B.Tech IT conducted a Tutor Ward Meeting with their respective wards regarding the Progress of Online Classes, Project Participation and Placement Training on 23 August 2020.

MECH | DEPARTMENT MEETING



Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, conducted a meeting with the Members of Faculty on 27 August 2020.

ICE | DEPARTMENT MEETING



Dr P Manju, Professor and Head, Dept. of ICE, conducted a meeting with the Members of Faculty on 27 August 2020.



SPECIAL EDITION - 14

SKCT IN MEDIA



@skctdigest



@skctofficial



digestfeedback@skct.edu.in



SKCT | TRENDING IN NEWS

Atal Ranking of Institutions on Innovation Achievements (ARIIA) Rankings 2020

The Honorable Vice President of India, M. Venkaiah Naidu, the Chief Guest and Ramesh Pokhriyal Nishank, the Honorable Minister of Human Resource Development and Sanjay Shamrao Dhotre, the Honorable Minister of State (MoS) of Human Resource Development, Govt. of India, were the Guests of Honour. Prof. Anil Sahasrabudhe, Chairman, AICTE delivered the welcome speech. Amit Khare, Secretary Higher Education, Ministry of Education announced the award. Dr. Abhay Jere, Chief Innovation Officer, Innovation Cell, MoE, proposed the vote of thanks.

Avinashilingam Institute

Avinashilingam Institute was awarded the first in Higher Educational Institutions exclusively for Women, in the e-Award Ceremony of ARIIA Rankings 2020 held in virtual mode. Managing Trustee, Chancellor, Vice Chancellor, Registrar, Deans of all Schools congratulates all teaching faculty, non-teaching staff and students for their contributions towards achieving this prestigious ARIIA Award 2020.

Sri Krishna Institutions



Sri Krishna College of Engineering and Technology has obtained the Second National Rank and Sri Krishna College of Technology (SKCT) has obtained the Fourth National Rank in ARIIA Rankings 2020 under the 'Private or Self-financing Institute'. S.Malarvizhi, Chairperson, Sri Krishna Institutions appreciated along with Dr.J.Janet, Principal, SKCET and Dr.Srinivasan Alavandar, Principal, SKCT

Sri Krishna institutions gets top national ranking

Coimbatore, Aug 21: Sri Krishna College of Engineering and Technology (SKCET) has obtained the Second national ranking and Sri Krishna College of Technology (SKCT) has obtained the fourth national ranking in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) Rankings 2020 under the 'Private or Self-financing Institute category' released by the Ministry of

Education (MoE), Government of India.

It is a phenomenal achievement for SKCET as it has advanced from the Top 100 league band in the year 2019 to the prominent second rank in the year 2020, consecutively.

This prestigious ranking was announced in the e-award ceremony of ARIIA Rankings 2020 at 11:00 am on the 18th of August 2020 which was presided

by Vice President M. Venkaiah Naidu in the presence of Minister of Education Ramesh Pokhriyal 'Nishank', Minister of State for education Sanjay Dhotre. S.Malarvizhi, Chairperson, Sri Krishna Institutions appreciated Dr.J.Janet, Principal, SKCET and Dr.Srinivasan Alavandar, Principal, SKCT alongwith the faculty for the initiatives in multi-disciplinary research, innovation and entrepreneurship.



SKCT | TRENDING IN NEWS

மத்திய கல்வித்துறை தரவரிசையில்

கோவை கிருஷ்ணா பொறியியல்
கல்லூரிக்கு தேசிய அளவில் 2-வது இடம்!

கோவை, ஆக. 21-
மத்திய அரசின் கல்வித்
துறை அடல் தரவரிசை
விருதினை புது டெல்லி
யில் காணொலி மூலம்
நடைபெற்ற விழாவில்
அறிவித்தது.

இந்தியாவில் உள்ள
உயர் கல்வி நிறுவனங்களின் ஆராய்ச்சி
மற்றும் புதுமையான
படைப்புகளை படைக்க
கல்லூரிகளை பல்வேறு
வழிகளில் ஊக்குவித்து
வருகிறது.

இதற்காக ஆரியா விரு
தினை ஆராய்ச்சி துறை
யில் திறம்பட செயல்
பட்ட கல்லூரிகளுக்கு
இவ்வருடம் வழங்கியது.
அறு பிரிவுகளில் இவ்
விருது வழங்கப்பட்டது.
சுயநிதி கல்லூரிகள் பிரி

வில் இந்திய அளவில்
சிறப்பாக செயல்பட்டதற்
காக கோவை குனிய முத்
தாரில் உள்ள ஸ்ரீ கிருஷ்ணா
பொறியியல் மற்றும்
தொழில் நுட்பக் கல்லூரி
தேசிய அளவில் இரண்டா
வது இடத்தினைப் பெற்
றுள்ளது.

அதேபோல கோவைப்
புதூரில் உள்ள ஸ்ரீ
கிருஷ்ணா தொழில்நுட்
பக் கல்லூரி இதற்காக நான்
காவது இடத்தினை தேசிய
அளவில் பெற்றுள்ளது.

துணை ஜனாதிபதி
வெங்கையா நாயுடு, மத்
திய அரசின் கல்வித் துறை
அமைச்சர் ரமேஷ் பொக்
கிரியால், நிஷான்க்,
அமைச்சர் சஞ்சய்
தொற்றே, உயர் கல்வித்
துறையின் செயலர் அமித்

காரி, முதன்மை புதுமை
கண்டுபிடிப்பு அதிகாரி
அபய் ஜெரே மற்றும்
அகில இந்திய தொழில்
நுட்பக் கழகத்தின் தலை
வர் அணில் சஹஸ்ரபுத்தே
காணொலி மூலம் இந்த
விருதினை வழங்கி
னார்கள்.

இவ் விருது பெற்றதற்
காக இக் கல்விக் குழுமங்
களின் முதல்வர்கள் ஜே.
ஜேனட், சீனிவாசன் ஆள
வந் தாரர்
பேராசிரியர்கள் மற்றும்
மாணவ, மாணவியர்களை
இக் கல்விக் குழுமங்களின்
நிர்வாக அறங்காவலர் எஸ்
மலர்விழி, முதன்மை
நிர்வாக அதிகாரி முனை
வ ர் . கே . சுந்தர ராமன்
ஆகியோர் பாராட்டி
னார்கள்.



தினத்தந்தி

கே

மத்திய அரசின் தரவரிசையில் 2-ம் இடம்:

கோவை ஸ்ரீ கிருஷ்ணா பொறியியல் கல்லூரி சாதனை

கோவை, ஆக.22-

இந்தியாவில் உள்ள உயர் கல்வி நிறுவனங்களின் ஆராய்ச்சி
மற்றும் புதுமையான படைப்புகளை படைக்க கல்லூரிகளை பல்வேறு
வழிகளில் ஊக்குவித்து வருகிறது. இந்த நிலையில் மத்திய அரசின்
கல்வித்துறை அடல் தரவரிசை பட்டியலில் சுயநிதி கல்லூரிகள்
பிரிவில் தேசிய அளவில் கோவை குனியமுத்தூரில் உள்ள ஸ்ரீ
கிருஷ்ணா பொறியியல் மற்றும் தொழில் நுட்பக் கல்லூரி சாதனை
படைத்து தேசிய அளவில் 2-வது இடத்தை பெற்றுள்ளது. அதே
போல தேசிய அளவில் கோவைப்புதூரில் உள்ள ஸ்ரீ கிருஷ்ணா
தொழில்நுட்பக் கல்லூரி 4-வது இடத்தினை பெற்றது. இந்த விரு
தினை துணை ஜனாதிபதி வெங்கையா நாயுடு, மத்திய கல்விமந்திரி
ரமேஷ் பொக்கிரியால், நிஷான்க், மந்திரி சஞ்சய் தொற்றே, உயர்
கல்வித் துறையின் செயலர் அமித் காரி, முதன்மை புதுமை கண்
டுபிடிப்பு அதிகாரி அபய் ஜெரே மற்றும் அகில இந்திய தொழில்
நுட்பக் கழகத்தலைவர் அணில் சஹஸ்ரபுத்தே ஆகியோர் காணொலி
மூலம் வழங்கினர். விருதுபெற காரணமான கல்லூரி முதல்வர்கள்
ஜே.ஜேனட், சீனிவாசன் ஆளவந்தார், பேராசிரியர்கள் மற்றும்
மாணவ-மாணவியர்களை கல்விக் குழுமங்களின் நிர்வாக அறங்கா
வலர் எஸ்.மலர்விழி, முதன்மை நிர்வாக அதிகாரி கே.சுந்தர ராமன்
ஆகியோர் பாராட்டினர்.

City colleges shine
in Atal ranking

Coimbatore: Sri Krishna College of Engineering and Technology came second and Sri Krishna College of Technology came fourth in the category of private or self-financed college or institutes in the Atal Ranking of Institutions on Innovation Achievements (ARIIA 2020), released by the Vice-President M Venkaiah Naidu. Hindusthan Institute of Technology has been placed in Band B. TNN

SKCT | TRENDING IN NEWS

தேசிய அளவில் 2வது இடத்தினைப் பெற்று

ஸ்ரீ கிருஷ்ணா பொறியியல் கல்லூரி சாதனை

கோவை, ஆக.21-மத்திய அரசின் கல்வித் துறை அடல் தரவரிசையில் கோவை ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரி தேசிய அளவில் 2வது இடத்தைப் பெற்றுள்ளது.

சுய நிதி கல்லூரிகள் பிரிவில் இக்கல்லூரி சிறப்பாக செயல்பட்டுள்ளது. ஆராய்ச்சித் துறையில் பல புதிய படைப்புகளை உருவாக்கியதற்கும், கல்லூரியின் பேராசிரியர்கள் மற்றும் மாணவர்கள் உலக அளவில் ஆய்வுகட்டுரைகளை சமர்ப்

பித்ததற்காகவும், ஆய்வுக்காக நிதி உதவி பெற்றதற்காகவும் சிறந்த ஆய்வு எண்ணங்களை உருவாக்கியதற்காகவும் மேலும், கண்டுபிடித்த ஆய்வுகளை தொழில் நிறுவனங்களில் பயன்படுத்தியதற்காகவும் இவ்விருது வழங்கப்பட்டுள்ளது. இவ்விருதை இந்திய துணை ஜனாதிபதி வெங்கையா நாயுடு, மத்திய அரசின் கல்வித் துறை அமைச்சர் ரமேஷ் போக்ரியால், நிஷான்க், அமைச்சர் சஞ்சய் தொற்றே, உயர்கல்வித் துறையின் செயலர் அமித் காறி முதன்மை

புதுமை கண்டுபிடிப்பு அதிகாரி அபய்ஜெரே மற்றும் அகில இந்திய தொழில்நுட்பத்தின் தலைவர் அனில் சஹஸ்ரபுத்தே ஆகியோர் காணொளி மூலம் வழங்கினர். விருதை பெற்றமைக்காக கிருஷ்ணா கல்வி குழுமங்களின் முதல்வர்களான ஜெனட், சீனிவாசன் ஆளவந்தார், பேராசிரியர்கள் மற்றும் மாணவ மாணவிகளை இக்கல்வி குழுமங்களின் நிர்வாக அறங்காவலர் மலர்விழி முதன்மை நிர்வாக அதிகாரி சுந்தர்ராமன் ஆகியோர் பாராட்டினர்.



HAPPY ONAM 2020

WISHES

SPECIAL EDITION - 14

STUDENTS' ACTIVITIES



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

©DESIGNALINE

*Stay Home
Stay Safe*



IT | STUDENT'S EXTRACURRICULAR ACTIVITIES |
GANAPATHI IDOL



Ms Rithika of Second B.Tech. IT B Section.