SKCT

DIGEST

SPECIAL ISSUE – 36
21 – 30 JANUARY 2021

Happy
Republic Day

INSIDE THIS ISSUE

Skct | republic day celebration

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SKCT | REPUBLIC DAY CELEBRATION

India's 72th Republic Day was celebrated at Sri Krishna College of Technology, Coimbatore on 26 January 2021 to honour the constitution of Independent India. Dr Srinivasan Alavandar, Principal, unfurled the Tricolor at College Premises and paid homage to the martyrs who sacrificed their lives for the country.

STUDENTS' PARTICIPATION

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ECE | GATE AWARENESS PROGRAM | BENEFITS AND CAREER OPPORTUNITIES WITH GATE

Students from the Dept. of ECE attended a webinar on **"GATE Awareness Program – Benefits and Career Opportunities with GATE"** organised by the GATE Academy in association with Sri Krishna College of Technology, Coimbatore on 23 January 2021.

CSE | INTERNSHIP OFFER | SEZZLE PAYMENTS PRIVATE LIMITED

sezzle

Internship with Sezzle

7th November 2020

Vishnu Varthan,
A1, Staff Quarters, Women's Polytechnic College,
Coimbatore - 642126

Dear Vishnu,

I am delighted & excited to welcome you to **Sezzle Payments Private Limited** as a **Software engineer Intern**. At Sezzle, we believe that our team is our biggest strength and we take pride in hiring ONLY the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly *meaningful* internship experience with Sezzle.

Your appointment will be governed by the terms and conditions presented in the **Annexure A**.

We look forward to you joining us. Please do not hesitate to call us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us.

Congratulations!

Vandhana Parkavi

Director

sezzle

Mr R Vishnu Varthan, Student of Third B.E. CSE C section, has been selected as a **"Software Engineer Intern"** at Sezzle Payments Private Limited, Bangalore.

IT | STUDENT'S PARTICIPATION | TAMILNADU STUDENT INNOVATORS 2020

Mr P Nishanth, Ms K R Paveethra and Mr R Prasanna Balaji, Students of Second B.Tech. IT B section, attended a session on "**Tamilnadu Student Innovators TNSI 2020**" organised by Entrepreneurship Development and Innovation Institute and ED-Cell, Anna University Regional Campus, Coimbatore on 25 January 2021.

IT | STUDENT'S CERTIFICATION | INTRODUCTION TO DATA SCIENCE

COGNITIVE CLASS.ai

This is to certify that

SANJIV.S.S

successfully completed and received a passing grade in

Introduction to Data Science
(DS0101EN, provided by Cognitive Class)

A course on cognitiveclass.ai
Powered by **IBM Developer Skills Network.**

Issued by
Cognitive Class

January 25, 2021

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/04f831f32a9e44699f6ede4ccf780fe7

Mr Sanjiv S S, Student of Second B.Tech. IT B section, completed an online certification course on **"Introduction to Data Science"** offered through Congnitive Class powered by IBM Developer Skills Network on 25 January 2021.

ECE | STUDENT'S CERTIFICATION | FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

Mr M Vishnu Ram, Student of Second B.E. ECE C section, completed an industry recommended course on **"Foundations of Artificial Intelligence"** offered through NASSCOM AI Curriculum on 25 January 2021.

ECE | STUDENT'S CERTIFICATION | JAPANESE LANGUAGE PROFICIENCY TEST

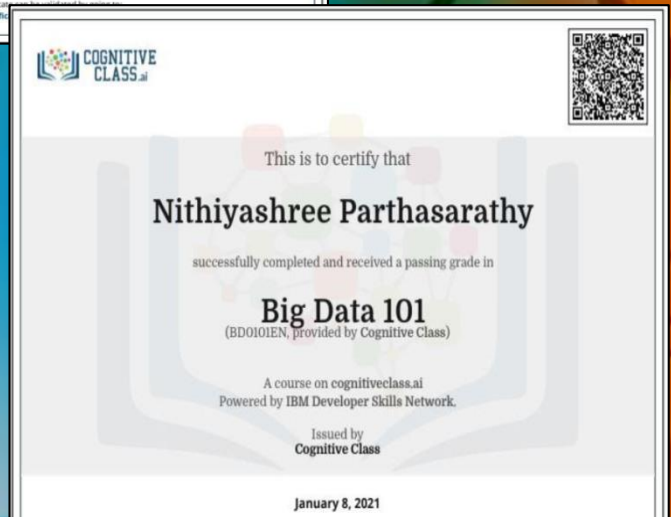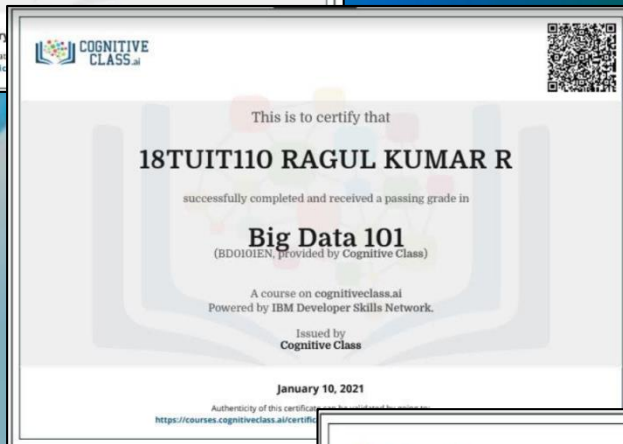Ms Subhiksha P, Student of Second B.E. ECE C section, completed a **"Japanese Language Proficiency Test"** conducted in December 2020.

IT | STUDENT'S CERTIFICATION | BIG DATA 101

56 Students from Third B.Tech. IT B section completed an online certification course on **"Big Data 101"** offered through Cognitive Class powered by IBM Developer Skills Network on 27 January 2021.

IT | STUDENT'S CERTIFICATION | TECHNICAL SUPPORT FUNDAMENTALS

Google

COURSE CERTIFICATE

Jan 27, 2021

GOWSHINI BALAMURUGAN

has successfully completed

Technical Support Fundamentals

an online non-credit course authorized by Google and offered through Coursera

coursera

EDUCATION FOR EVERYONE · COURSE CERTIFICATE

Google

Google

Verify at coursera.org/verify/6JHPPSBCHSGN
Coursera has confirmed the identity of this individual and their
participation in the course.

Ms Gowshini Balamurugan, Student of Second B.Tech. IT A section completed an online certification course on **"Technical Support Fundamentals"** authorised by Google and offered through Coursera on 27 January 2021.

CSE | STUDENT'S ACHIEVEMENT | IDEATION PROGRAMME

Ms R M Kavi Sindhuja, Student of Third B.E. CSE A section, has been shortlisted among 882 teams in the **"Ideation Programme"** organised by Anna University Regional Campus, Coimbatore on 25 January 2021.

ECE | STUDENT'S PARTICIPATION | TAMILNADU STUDENT INNOVATORS TNSI 2020

Mr Kiran Seshi M, Student of Third B.E. ECE B section, attended a **"Tamilnadu Student Innovators TNSI 2020"** organised by Entrepreneurship Development and Innovation Institute & ED-Cell, Anna University, Coimbatore on 25 January 2021.

EEE | STUDENT'S CERTIFICATION | COURSERA CERTIFICATE COMPLETION ON HTML, CSS AND JAVASCRIPT FOR WEB DEVELOPERS

JOHNS HOPKINS UNIVERSITY

COURSE CERTIFICATE

Jan 23, 2021

Ramya G

has successfully completed

HTML, CSS, and Javascript for Web Developers

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Yaakov C.

Yaakov Chaikin
Adjunct Professor, Graduate Computer Science
Whiting School of Engineering
Johns Hopkins University

Verify at coursera.org/verify/UXL2QYWWX4FK
Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.

coursera

Ms G Ramya, Student of Third B.E EEE B section, completed an online course on **"HTML, CSS, AND Javascript for Web Developers"** through Coursera on 23 January 2021.

SoM | STUDENT'S PARTICIPATION

Students of First MBA attended a **"CMA – Monday Musings Meeting"** on 25 January 2021.

FACULTY PARTICIPATIONS

MILESTONE

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CSE | DC MEETING

Ms S Sathya Bama, Asst. Professor, Dept. of CSE, had a Ph.D confirmation DC Meeting under the guidance of Dr P Tamije Selvy, Professor & Head, and Dr M Sujaritha, Professor, Dept. of CSE, SKCET on 30 January 2021. Dr R Parvathi, Professor, VIT Vellore and Dr D Sivaganesan, Professor, PSG iTech, Coimbatore are the DC members.

CSE | ONLINE CERTIFICATION ON INTRODUCTION TO DATA ANALYTICS

Dr R Nithiavathy, Asst. Professor, Dept. of CSE, completed an online non-credit course on **"Introduction to Data Analytics"** authorised by IBM and offered through Coursera on 27 January 2021.

CSE | WEBINAR ON DISTRIBUTED SYSTEMS AND NOSQL
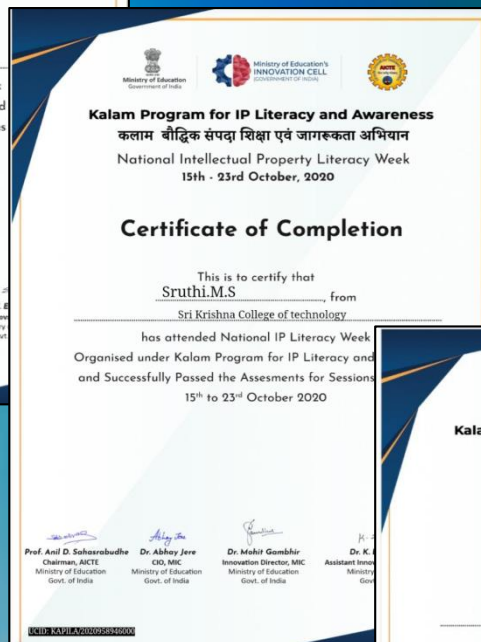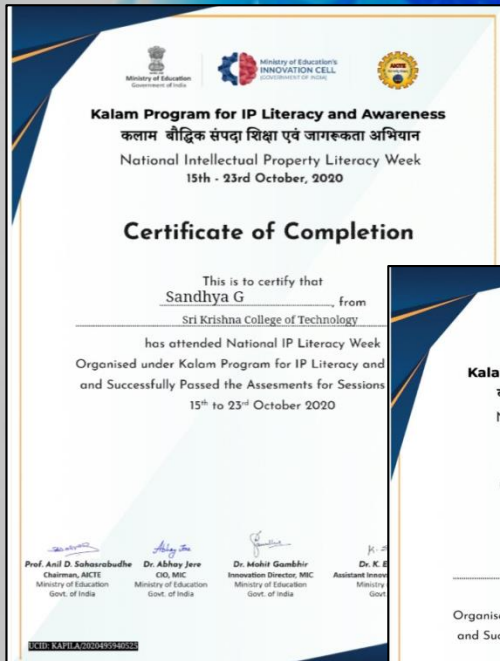
Ms G Sandhya, Ms Sruthi M S, Ms T Suganya, Asst. Professors, Dept. of CSE, attended a **"National IP Literacy Week"** and passed the Assessments during 15-23 October 2020.

CSE | ONLINE CERTIFICATION ON FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

SkillUp ONLINE

Certificate of Completion

This is to certify that

Dr. R. Nithiavathy Asst Prof CSE

Has successfully completed

Foundations of Artificial Intelligence

an industry recommended and validated course aligned
to SSC NASSCOM Foundation AI curriculum

Ratan Deep Singh

CEO SkillUp Online, India

Certificate of Completion issued by SkillUp Online

Certificate ID Number: 964ddbdae70f47c5a2a3f45a189fbd34   January 28, 2021

Dr R Nithiavathy, Asst. Professor, Dept. of CSE, completed a industry recommended course on **"Foundations of Artificial Intelligence"** offered through NASSCOM AI Curriculum on 27 January 2021.

CSE | WEBINAR ON DISTRIBUTED SYSTEMS AND NoSQL
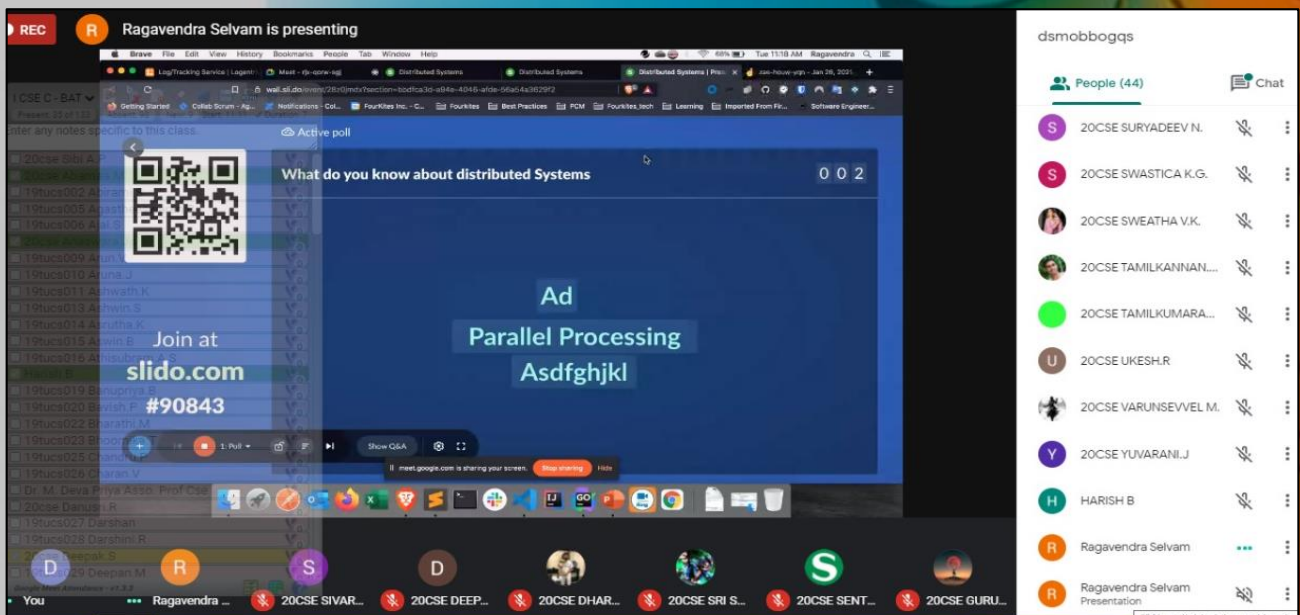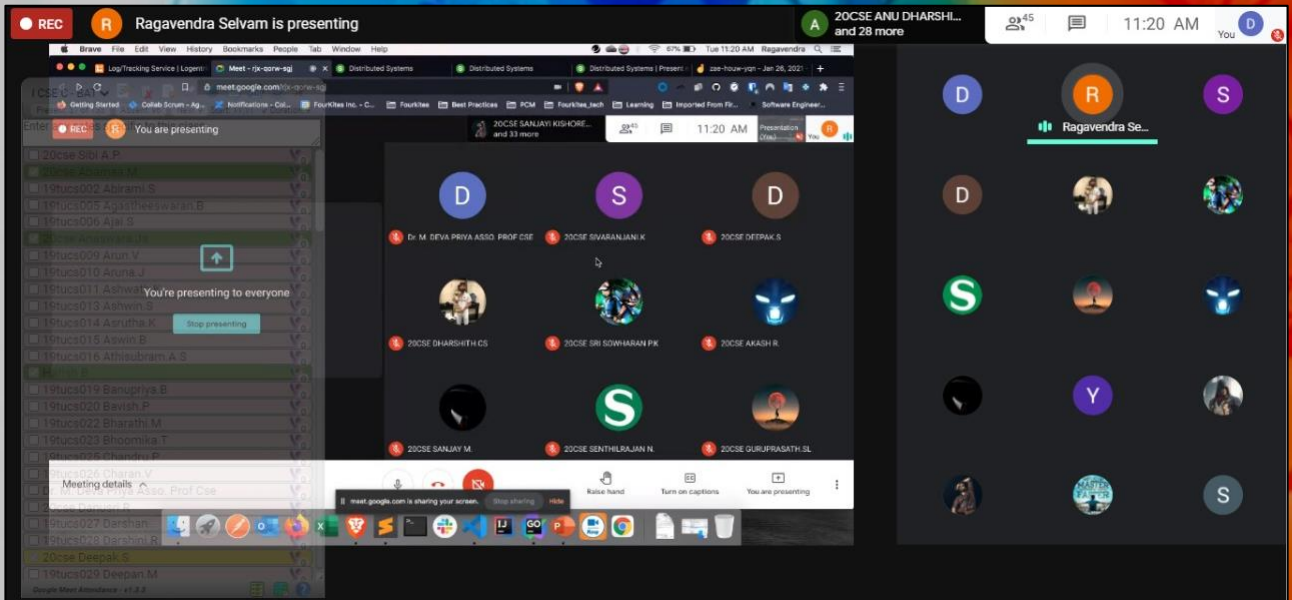
Dr M Deva Priya, Assoc. Professor, Dept. of CSE, organised a webinar on **"Distributed Systems and NoSQL"** for the Students of First B.E. CSE, facilitated by Mr Ragavendra Selvam (Alumni), Senior Software Engineer, Fourkites on 26 January 2021.

ECE | FACULTY CERTIFICATION | STRESS MANAGEMENT

NPTEL-AICTE
Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

PRIYA RAMANATHAN

for successfully completing the course

Stress Management

with a consolidated score of **67** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Sep-Oct 2020)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL20GE18S32410352

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Ms R Priya, Asst. Professor, Dept. of ECE, completed a course on **"Stress Management"** offered through NPTEL during September-October 2020.

MECH | KALAM PROGRAM FOR IP LITERACY AND AWARENESS

The Members of Faculty from the Dept. of Mechanical Engineering attended a **"National IP Literacy Week"** and passed the Assessments for sessions during 15-23 October 2020.

EEE | FACULTY CERTIFICATION | NATIONAL IP LITERACY WORK UNDER KALAM PROGRAM FOR IP LITERACY AND AWARENESS

Kalam Program for IP Literacy and Awareness
कलाम बौद्धिक संपदा शिक्षा एवं जागरूकता अभियान
National Intellectual Property Literacy Week
15th - 23rd October, 2020

Certificate of Completion

This is to certify that
Dr. K. Lakshmi , from
Sri Krishna College of Technology
has attended National IP Literacy Week
Organised under Kalam Program for IP Literacy and Awareness
and Successfully Passed the Assesments for Sessions held from
15th to 23rd October 2020

Prof. Anil D. Sahasrabudhe
Chairman, AICTE
Ministry of Education
Govt. of India

Dr. Abhay Jere
CIO, MIC
Ministry of Education
Govt. of India

Dr. Mohit Gambhir
Innovation Director, MIC
Ministry of Education
Govt. of India

Dr. K. Elangovan
Assistant Innovation Director, MIC
Ministry of Education
Govt. of India

UCID: KAPILA/2020697033326

Kalam Program for IP Literacy and Awareness
कलाम बौद्धिक संपदा शिक्षा एवं जागरूकता अभियान
National Intellectual Property Literacy Week
15th - 23rd October, 2020

Certificate of Completion

This is to certify that
Senthil Kumar R , from
sri krishna college of technology
has attended National IP Literacy Week
Organised under Kalam Program for IP Literacy and Awareness
and Successfully Passed the Assesments for Sessions held from
15th to 23rd October 2020

Prof. Anil D. Sahasrabudhe
Chairman, AICTE
Ministry of Education
Govt. of India

Dr. Abhay Jere
CIO, MIC
Ministry of Education
Govt. of India

Dr. Mohit Gambhir
Innovation Director, MIC
Ministry of Education
Govt. of India

Dr. K. Elangovan
Assistant Innovation Director, MIC
Ministry of Education
Govt. of India

UCID: KAPILA/20201366566600

Striking an IP Balance

Protect   **Share**

Patents
Copyrights
Trademarks
Trade Secrets

The Members of Faculty from the Dept. of EEE attended a **"National IP Literacy Work"** organised under Kalam Program for IP Literacy and Awareness and passed the Assessments for sessions during 15-23 October 2020.

MECH | ONLINE CERTIFICATION ON SIX SIGMA

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed a **"Six Sigma Yellow Belt"** and designated as a **"Six Sigma Yellow Belt Professional"** on 29 January 2021.

ECE | FACULTY PARTICIPATION | WORKSHOP ON BUILDING CAPABILITY IN ACADEMIA FOR INDUSTRY ENGAGEMENT

Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, attended a Two-day workshop on **"Building Capability in Academia for Industry Engagement"** organised by IITM on 29 January 2021.

RESEARCH

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IT | TNSCST STUDENT PROJECT PROPOSAL

STUDENT(S) NAME (Maximum 4 students) *

Vandhana.U, Sree Varsinee.S, Sundari.P.S

STUDENT STUDYING *

	U.G ENGINEERING	P.G PROFESSIONAL COURSE	P.G SCIENCE
COURSE	●	○	○

CERTIFICATE
This is to certify that Mr./Miss._____ is a bonafide final year student of P.G. Science / U.G. Engineering / P.G. professional courses of our college and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of April 2021.
.. Signature of
'
.
Guide   HOD   Principal/ Head of the Institution

Note:
N.B.: 2 copies of the proposals are to be submitted through proper channel to The Member Secretary, TNSCST, DOTE Campus, Chennai - 600 025 on or before 21 January 2021, 5.00PM
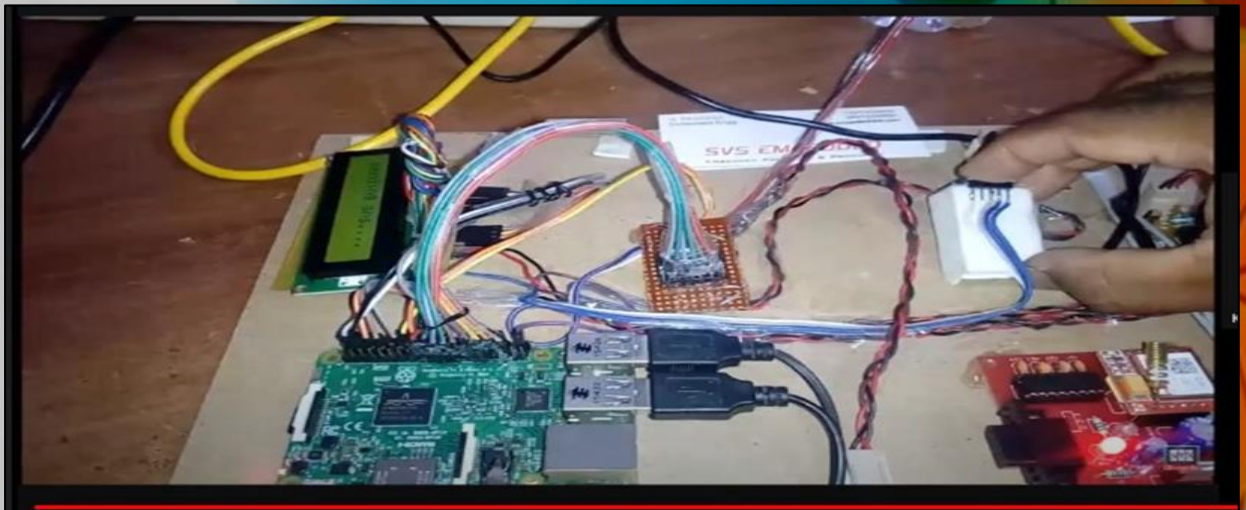
11 Students from Final B.Tech. IT submitted a Project Proposal to Tamilnadu State Council For Science And Technology under the **"Student Projects Scheme 2020-2021"** on 20 January 2021.

IT | PAPER PUBLICATION | SPRINGER BOOK SERIES

Springer Link

Effectiveness of Blockchain Advancement in Patient Statistical Monitoring Network

Data Intelligence and Cognitive Informatics pp 831-840 | Cite as

- M. Malathi (1) Email author (m.malathi@skct.edu.in)
- R. S. Krupasree (1)
- T. Lalitha Bhuvaneshwari (1)
- S. Gokulraj (1)

1. Sri Krishna College of Technology, , Coimbatore, India

Abstract

Blockchain has shown resistant to manipulation and to be robust. This attracts growing enterprises consideration transitioning to distributed from central systems. The system provides patients with comprehensive, unchanging tracking through hospitals and treatment sites and easy access to their medical information. Taking advantage of special blockchain technologies, MedRec handles security, confidentiality, transparency, and data exchange critical thoughts when managing sensitive data. This paper proposes a management identification and control program system that uses blockchain which helps to approach entity authentication and authorization in a digitalized system. By using this technology, the patient's record and their history of updation are stored as proof for future use. Ethereum is the framework used to implement blockchain in hospital management which is explained briefly in the proposed system.

Ms M Malathi, Asst. Professor, Dept. of IT, Ms Krupasree, Ms T Lalitha and Mr S Gokulraj, Students of Third B.Tech. IT A section, published a Conference Paper on **"Effectiveness of Blockchain Advancement in Patient Statistical Monitoring Network"** in the Algorithms for Intelligent Systems Book Series on 23 January 2021.

ICE | PAPER PUBLICATION IN BOOK: ELECTRICAL AND ELECTRONIC DEVICES, CIRCUITS AND MATERIALS

Dr M Karthigai Pandian and Dr T Chinnadurai, Assoc. Professors, Mr K Saravanakumar and Mr J Dhanaselvam, Asst. Professors, Dept. of ICE, published a book chapter on **"Energy Storage Devices"** in Electrical and Electronic Devices, Circuits and Materials published by Taylor & Francis Group.

ICE | PAPER PUBLICATION IN BOOK: ELECTRICAL AND ELECTRONIC DEVICES, CIRCUITS AND MATERIALS

Dr M Karthigai Pandian, Assoc. Professor, Dept. of ICE, published a book chapter on **"Energy Storage Devices"** in Electrical and Electronic Devices, Circuits and Materials published by Taylor & Francis Group.

ECE | PAPER PUBLICATION | AN INVESTIGATION ON HYBRID OPTIMIZATION - BASED PROPORTIONAL INTEGRAL DERIVATIVE AND MODEL PREDICTIVE CONTROLLERS FOR THREE TANK INTERACTING SYSTEM

An Investigation on Hybrid Optimization-Based Proportional Integral Derivative and Model Predictive Controllers for Three Tank Interacting System

Authors   Authors and affiliations

S. Arun Jayakar ✉, G. M. Tamilselvan, T. V. P. Sundararajan, T. Rajesh

Abstract

This paper deals with the mathematical model for three tank series interacting system, and

Dr G M Tamilselvan, Professor and Head, Dept. of ECE, published a paper on **"An Investigation on Hybrid Optimization - Based Proportional Integral Derivative and Model Predictive Controllers for Three Tank Interacting System"** in the proceedings of international conference on Intelligent Computing – Information and Control Systems, pp 125-145 in Springer Link on 25 January 2021.

NEW VISTAS OF LEARNING

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MECH | WEBINAR ON GATE AWARENESS PROGRAM

The Members of Faculty and Students from the Dept. of Mechanical Engineering attended a webinar on **"GATE Awareness Program"**, facilitated by Mr Santhosh Kumar Gondhi, Asst. Vice-President, The Gate Academy, Bengaluru on 23 January 2021.

MECH | WEBINAR ON HIGHER STUDIES & CAREER OPPORTUNITIES

The Members of Faculty and Students from the Dept. of Mechanical Engineering, attended a webinar on **"Higher Studies & Career Opportunities"**, facilitated by Mr Jenovar, Faculty and Mentor, T.I.M.E., Coimbatore on 27 January 2021.

ECE | STUDENT & FACULTY PARTICIPATION | NATIONAL IP LITERACY WEEK

The Members of Faculty and Students from the Dept. of ECE attended a "**National IP Literacy Week**" organised under Kalam Program for IP Literacy and Awareness during 15-23 October 2020.

FDPs ATTENDED

Faculty Development Program

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MECH | FDP ON INTRODUCTION TO SIX SIGMA

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, attended a Faculty Development Programme on **"Introduction to Six Sigma"** organised by EICT Academy-IIT, Kanpur during 27-28 January 2021.

MECH | STTP ON EXERGY AND EXERGOECONOMIC EVALUATION OF THERMAL POWER PLANTS

Dr M Prince, Professor, Dept. of Mechanical Engineering, attended a STTP on **"Exergy and Exergoeconomic Evaluation of Thermal Power Plants"** organised by the AICTE and Pragati Engineering College, Andhra Pradesh during 18-23 January 2021.

MECH | FDP ON INTRODUCTION TO SIX SIGMA

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, attended a Faculty Development Programme on **"Introduction to Six Sigma"** organised by EICT Academy-IIT, Kanpur on 29 January 2021.

MEETINGS & DISCUSSIONS

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IT | DST ANNUAL REVIEW MEETING

Dr G M Tamilselvan, Professor and Head Incharge and Mr A Sureshkumar, Asst. Professor, Dept. of IT, attended a "**Annual Review Meeting"** with DST officials regarding the DST Funded Project on **"Technological Intervention for Enhancing Productivity, Scalability and Value Addition to Smart Biogas Community Plant For Tribal"** on 25 January 2021.

ECE | MEETINGS & DISCUSSION

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, conducted a meeting with the NPTEL Coordinators on 23 January 2021.

IT | FINAL YEAR PROJECT REVIEW

Students of Final B.Tech. IT presented their First Module Implementation in **"First Review Meeting"**, reviewed by the Members of Faculty on 25 January 2021.

# IT | THIRD YEAR PROJECT REVIEW

Students of Third B.Tech. IT presented their First Module Implementation in **"First Review Meeting"**, reviewed by the Members of Faculty on 29 January 2021.

SoM | FINAL MBA PROJECT REVIEW MEETING

Students of Second MBA attended a **"Zeroth Review Meeting"** on 25 January 2021.
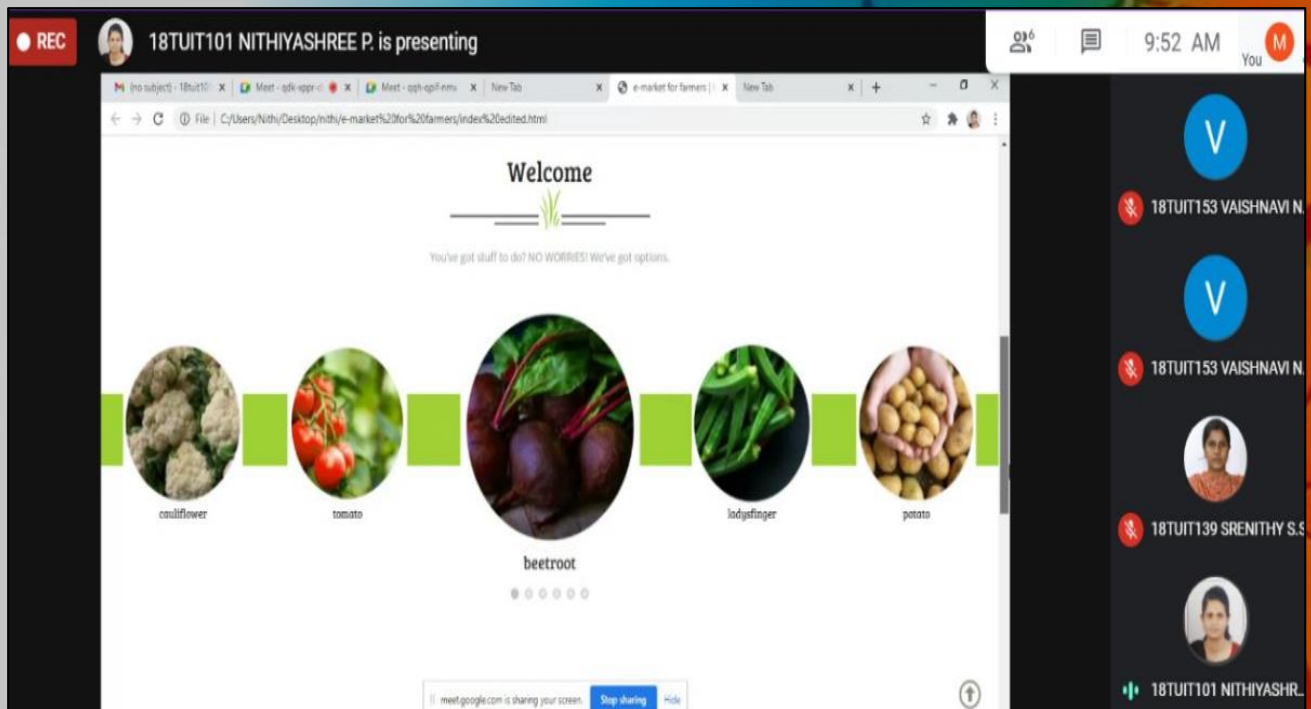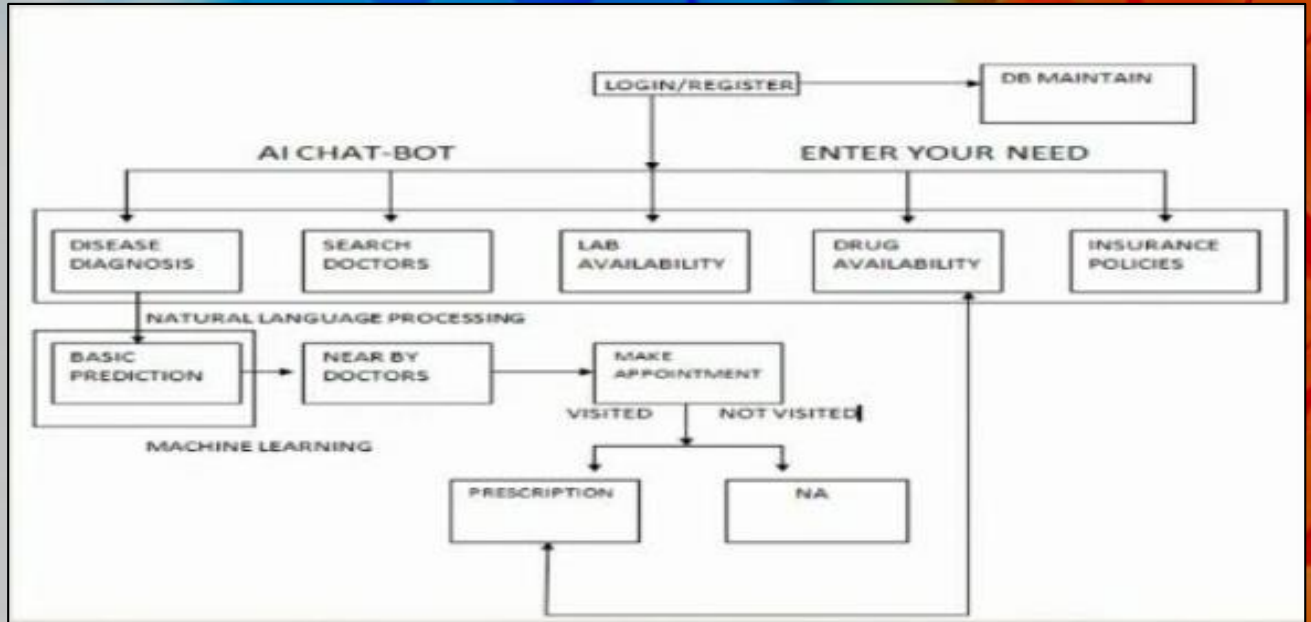
IT | THIRD YEAR PROJECT REVIEW

Students of Third B.Tech. IT presented their First Module Implementation in **"First Review Meeting"**, reviewed by the Members of Faculty on 30 January 2021.

IT | TUTOR WARD MEETING
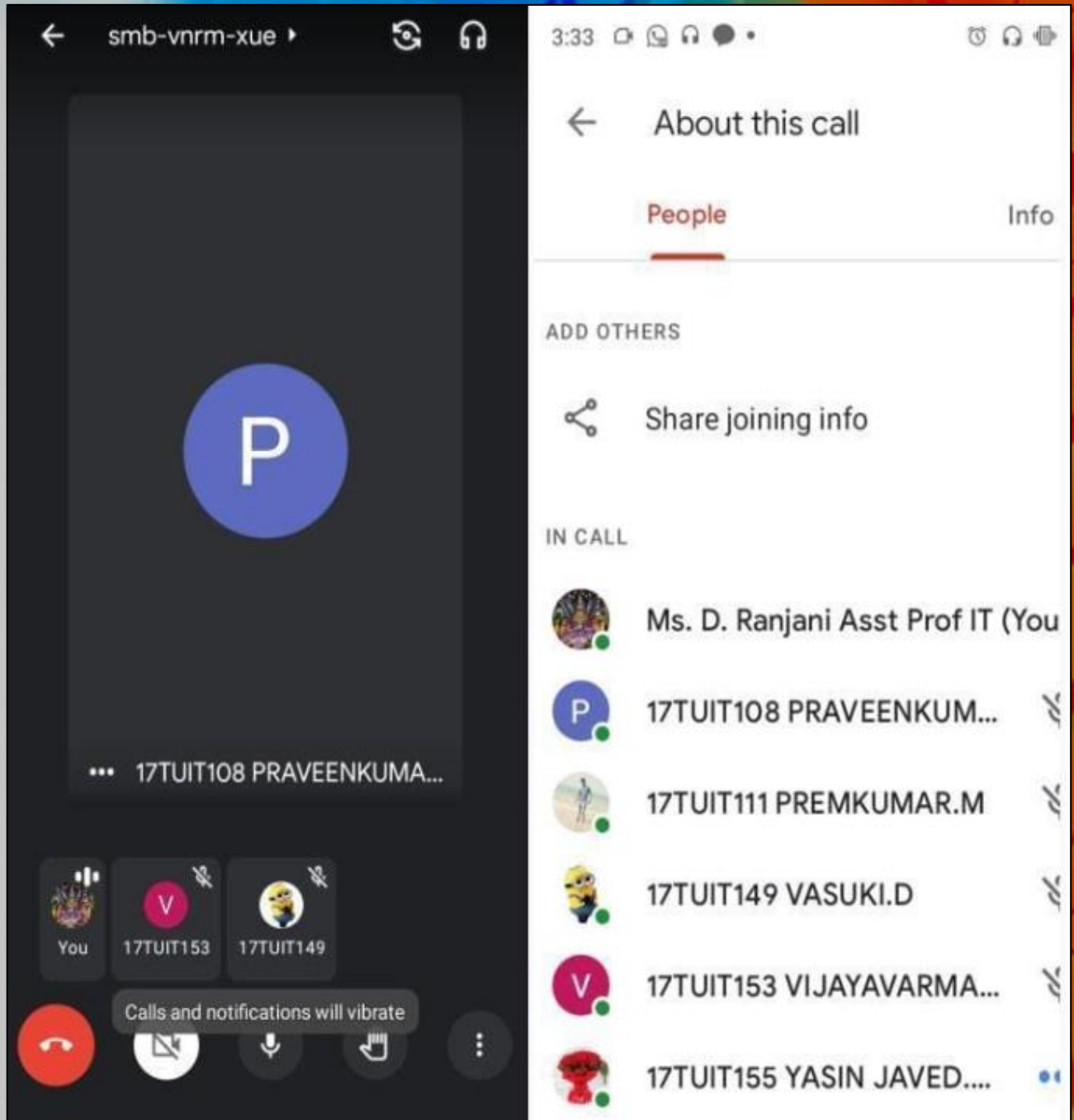
Ms D Ranjani, Asst. Professor, Dept. of IT, conducted a **"Tutor Ward Session"** for the students of Final B.Tech. IT B section regarding the Project Implementation on 29 January 2021.

MECH | TUTOR WARD SESSION
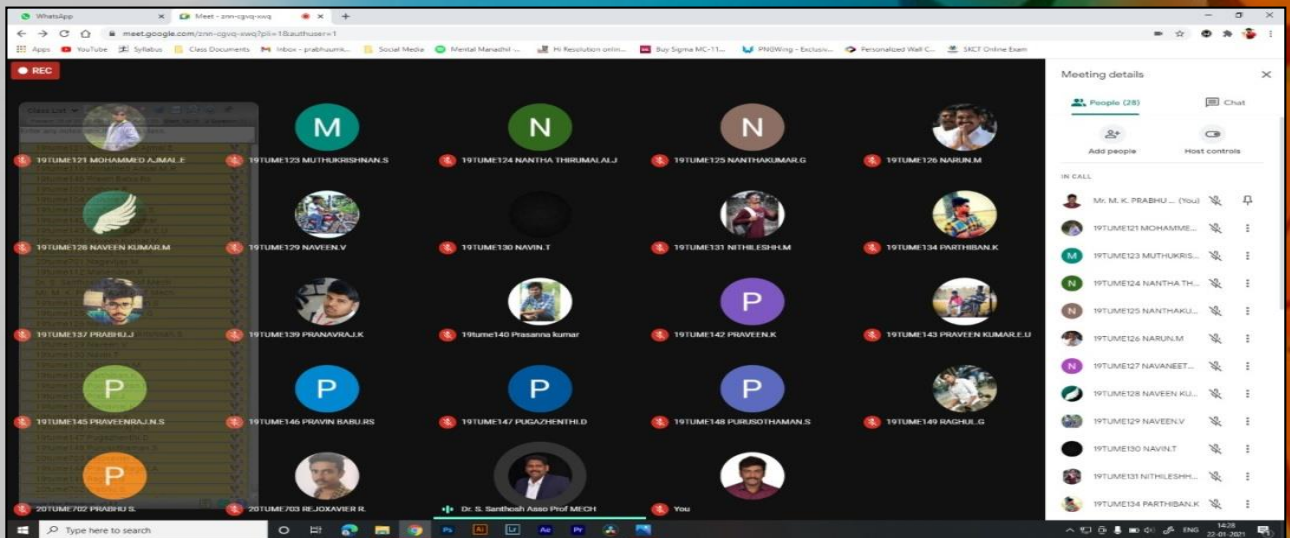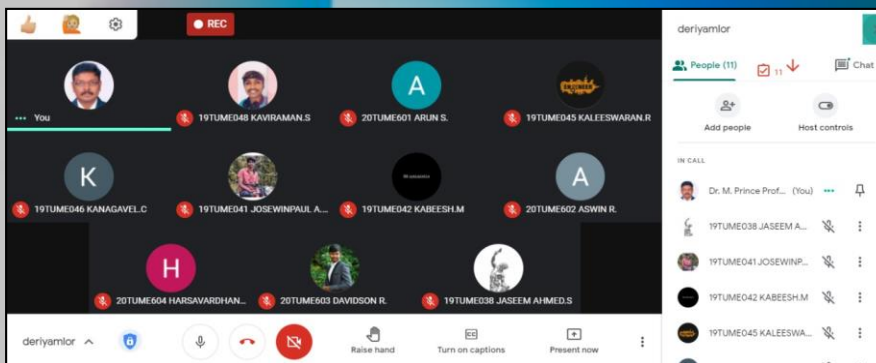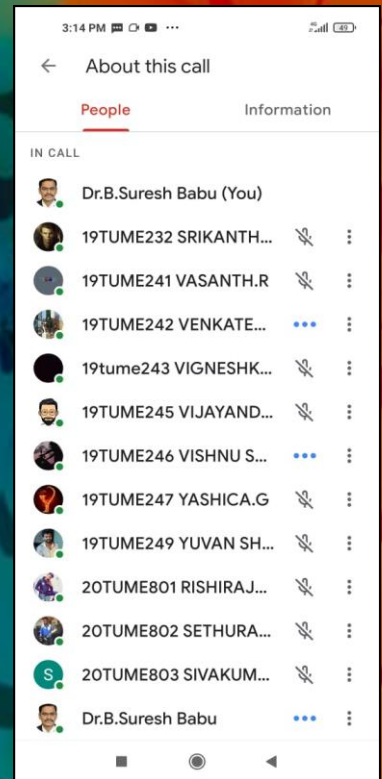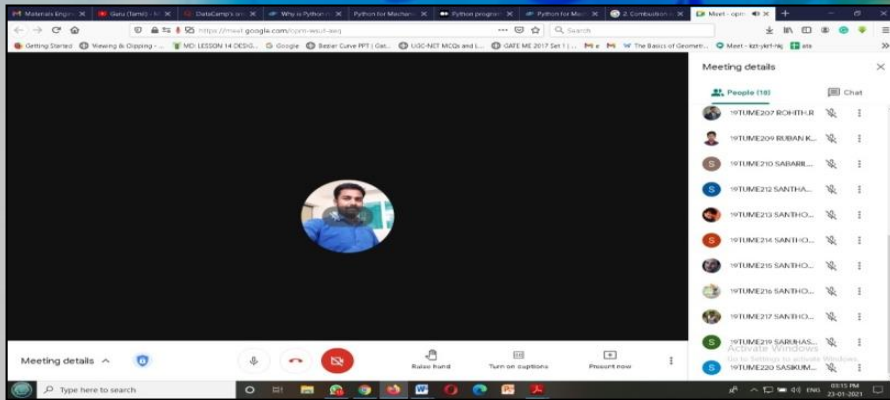
Tutors of Second B.E. Mechanical Engineering conducted a **"Tutor Ward Session"** regarding Academic Activities of Even Semester 2020-21 on 23 January 2021.

MECH | TUTOR WARD SESSION
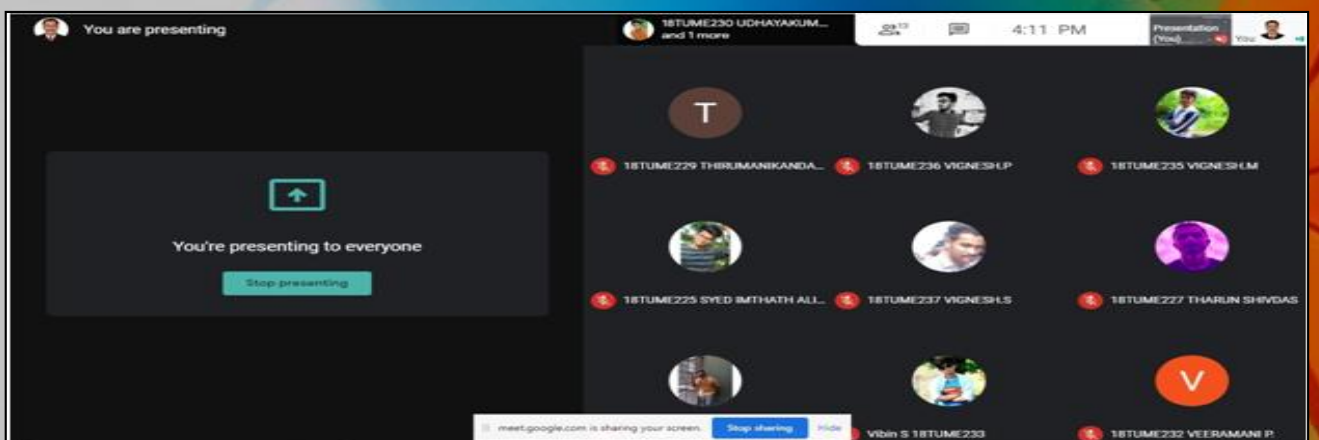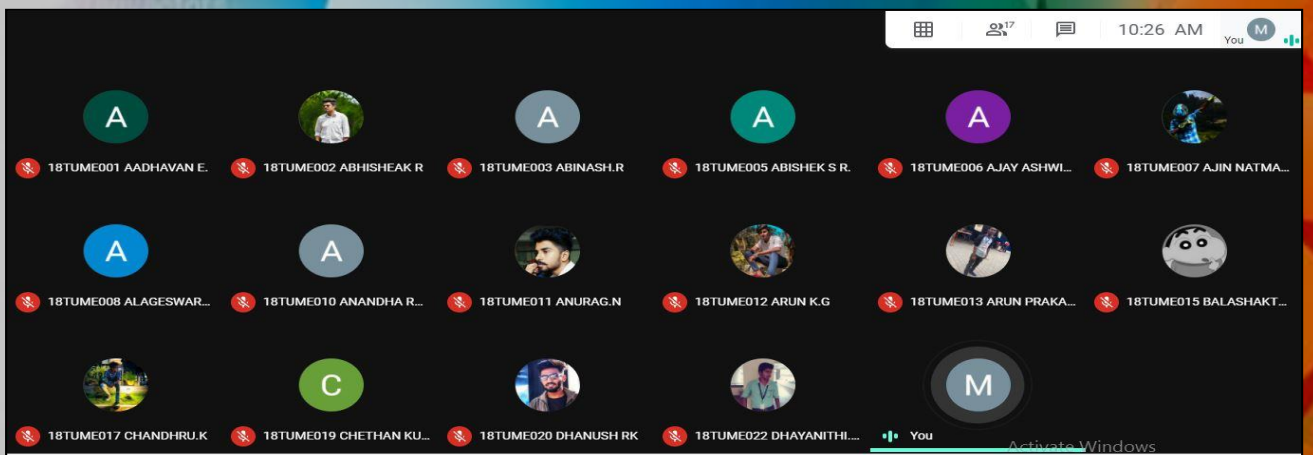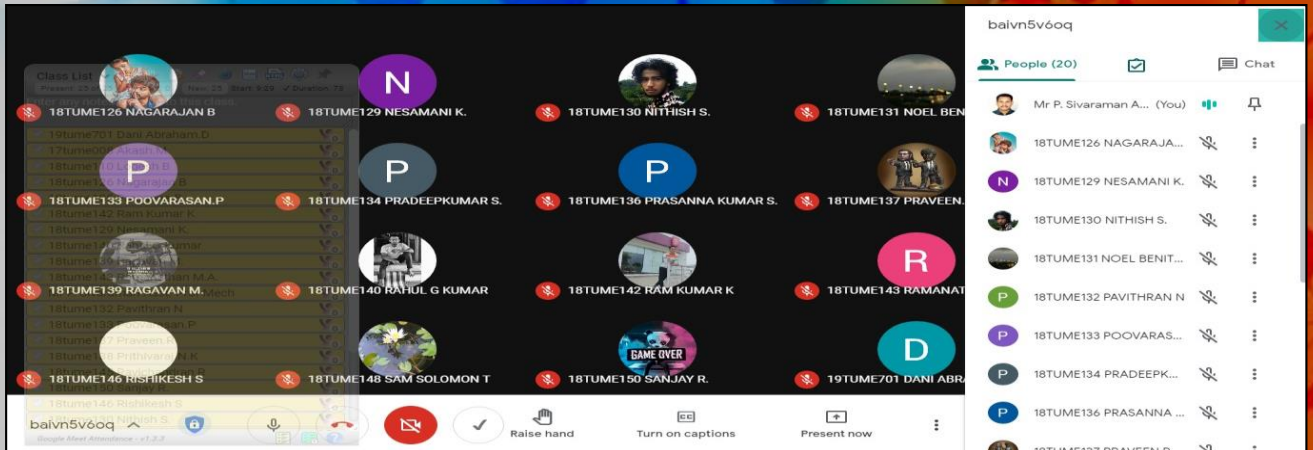
Tutors of Third B.E. Mechanical Engineering conducted a "**Tutor Ward Session**" regarding Academic Activities of Even Semester 2020-21 on 23 January 2021.

EVENTS ORGANISED

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SoM | WEBINAR ON CAREER PROSPECTS IN FINANCIAL SERVICES SECTOR

The School of Management organised a webinar on **"Career Prospects in Financial Services Sector"** on 30 January 2021.

Freedom in Mind,
Faith in Words,
Pride in our Heart,
Memories in our Souls.
Let's Salute the Nation on
REPUBLIC DAY.

Happy republic day!

OnSecretHunt.Com

Thank you !